

ELECTROMAGNETIC EMISSIONS CLASS II & IV PERMISSIVE CHANGE REPORT



Applicant:	Acer Incorporated 8F., No. 88, Sec. 1, Xintai 5th Rd., Xizhi, New Taipei City 22181, Taiwan (R.O.C)
Manufacturer:	Qunata Computer Inc. 211 Wen Hwa 2nd Rd., Kueishan, Taoyuan 33377, Taiwan
Product Name:	2TX 11ax (WiFi6) + BLE Combo Card
Brand Name:	acer
Model No.:	MT7921
Report Number:	E2/2022/10059
FCC ID	HLZMT7921
IC:	1754F-MT7921
Issue Date:	Apr. 01, 2022
Date of Test:	Jan. 06, 2022 \sim Jan. 25, 2022
Date of EUT Received:	Jan. 11, 2022

Approved By

Jay Lin

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10:2013 and the energy emitted by the sample EUT comply with FCC rule part §15.247, ISED RSS-247.

The results of this report relate only to the sample identified in this report.

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Revision History						
Report Number Revision Description Issue Date Revised By Remark						
E2/2022/10059	00	Original.	Apr. 01, 2022	Yi-Shan Tsai		

Note:

1 . The remark "*" indicates modification of the report upon requests from certification body.

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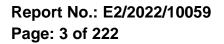




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GENERAL INFORMATION 1

1.1 Product description

Product Name:	2TX 11ax (WiFi6) + BLE Combo Card
Brand Name:	acer
Model No.:	MT7921
EUT Series No.:	N8K0LWW0041510F78D7600
Power Supply:	7.7Vdc from Rechargeable Li-ion Battery Pack 5 / 9 / 12 / 15 / 20Vdc from AC/DC Adapter

1.2 RF Specification

WLAN for NB

Wi-Fi 802.11	Frequency Range	Channels	Rated Powe	Rated Power / EIRP (Worst Case) (dBm)		
b				24.91 / 28.27	DSSS	
g	2412-2472	13		28.89 / 27.09		
n_HT20 ac_VHT20 ax_HE20			HE:	29.12 / 27.47	OFDM OFDMA	
n_HT40 ac_VHT40 ax_HE40	2422-2462	9	HE:			
Modula	tion type	64QAM, 256QAM	for OFDM in 8	K, BPSK for OFDM		
Transist	on Rate	802.11 b: 802.11 g: 802.11 n_ 802.11 n_ 802.11 ao 802.11 ao 802.11 ao	1/2/5.5/11Mb 6/9/12/18/24/ 20MHz: 6.5 – 40MHz: 13.5 c_20MHz: 6.5 c_40MHz: 13.5 c_40MHz: 13.5	ps 36/48/54Mbps 144.4Mbps – 300.0Mbps – 173.3Mbps 5 – 400.0Mbps		

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WLAN for TB

Wi-Fi 802.11	Frequency Range	Channels	Rated Powe	r / EIRP (Worst Case) (dBm)	Modulation Technology
b				24.91 / 28.31	DSSS
g	2412-2472	13		28.89 / 27.00	
n_HT20 ac_VHT20 ax_HE20			HE:	29.12 / 27.24	OFDM OFDMA
n_HT40 ac_VHT40 ax_HE40	2422-2462	9	HE:		
Modulation type 64Q 2560			for OFDM in 8	, BPSK for OFDM	
Transist	ion Rate	802.11 g: 802.11 n_ 802.11 n_ 802.11 ao 802.11 ao 802.11 ao	1/2/5.5/11Mbp 6/9/12/18/24/3 _20MHz: 6.5 - _40MHz: 13.5 c_20MHz: 6.5 - c_40MHz: 13.5 c_20MHz: 13.5 c_20MHz: 8.6 - c_40MHz: 17.2	36/48/54Mbps 144.4Mbps - 300.0Mbps - 173.3Mbps - 400.0Mbps - 286.8Mbps	

1.3 Antenna Designation

Antenna Type	Supplier	NB / TB mode	Main / Aux	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)	Direction Gain (dBi)
		WNC Ma	Main			2.91	5.92
			B Aux		0440 0470	2.91	5.92
PIFA	WNC		Main	81EABS15.G27	2412-2472	2.96	5.96
	TB		Aux			2.94	5.92

Note:

1. Pre-scanned was done on the above antennas, measurements were demonstrated by using the antenna with the highest gain as the worst case scenarios.

Antenna information is provided by the applicant. 2.

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1.4 Test Methodology of Applied Standards

FCC Part 15, Subpart C §15.247 FCC KDB 558074 D01 DTS Meas, Guidance v05r02 FCC KDB 662911 D01 Multiple Transmitter Output v02r01 RSS-247 issue 2 Feb. 2017 RSS-Gen Issue 5, Amendment 2, February 2021 ANSI C63.10:2013

1.5 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designa- tion number	IC CAB identifier	
		SAC 1			
		SAC 3			
		Conduction 1			
	No.134, Wu Kung Road, New Taipei	Conducted 1			
	Industrial Park, Wuku District, New	Conducted 2	TW0027		
	Taipei City, Taiwan.	Conducted 3		TW3702	
		Conducted 4			
		Conducted 5	1		
SCS Taiwon Ltd		Conducted 6			
SGS Taiwan Ltd. Central RF Lab.		Conduction C	TW0028		
(TAF code 3702)	No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333	SAC C			
(1AI COUE 5702)		SAC D			
		SAC G			
		Conducted A			
		Conducted B			
		Conducted C			
		Conducted D			
		Conducted E			
		Conducted F	1		
		Conducted G			
Note: Test site name is remarked on the equipment list in each section of this report as an indication where measurements occurred in specific test site and address.					

1.6 Special Accessories

There are no special accessories used while test was conducted.

1.7 Equipment Modifications

There was no modification incorporated into the EUT.

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2 SYSTEM TEST CONFIGURATION

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

An engineering test mode (software/firmware) that applicant provided was utilized to manipulate the EUT into transmit, selection of the test channel, and modulation scheme.

2.3 Test Procedure

2.3.1 Conducted Test (RF)

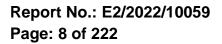
The active antenna port of the unlicensed wireless device is connected to the spectrum analyzer with attenuator to protect the instrumentation. If a second antenna port is available, it is tested at one operating frequency, with other port(s) appropriately terminated, to verify it has similar output characteristics as the fully tested port.

2.3.2 Radiated Emissions

The EUT is a placed on a turn table. For emissions testing at or below 1 GHz, the table height shall be 0.8 m above the reference ground plane. For emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.

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2.4 Measurement Results Explanation Example

2.4.1 Radiated Emission Test Sites For Measurements From 9 kHz To 30 MHz

Radiated emission below 30MHz is measured in a 9m*6m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

2.4.2 For all conducted test items:

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

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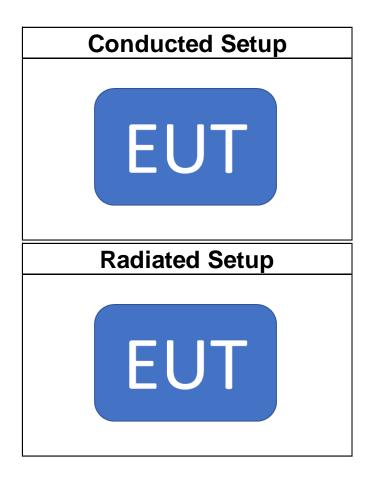
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2.5 Configuration of Tested System



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SUMMARY OF TEST RESULTS 3

FCC Rules	IC Rules	Description Of Test	Result
§15.247(b) (3)	RSS-247 §5.4 d	Peak Output Power	Compliant
§15.247(d) §15.209	RSS-247 §5.5 RSS-Gen §8.9 RSS-Gen §8.10 RSS-Gen §6.13	Radiated Band Edge & Radiated Spurious Emission	Compliant

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DESCRIPTION OF TEST MODES 4

4.1 Operated in 2400 ~ 2483.5MHz Band

13 channels are provided for

802.11b/g/n/ac/ax 20M.

CHANNEL	FREQUENCY (MHz)
1	2412
2	2417
3	2422
4	2427
5	2432
6	2437
7	2442
8	2447
9	2452
10	2457
11	2462
12	2467
13	2472

11 channels are provided for 802.11n/ac/ax 40M

CHANNEL	FREQUENCY (MHz)
3	2422
4	2427
5	2432
6	2437
7	2442
8	2447
9	2452
10	2457
11	2462

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4.2 The Worst Test Modes and Channel Details

- 1. The EUT has been tested under operating condition.
- 2. aTest program used to control the EUT for staying in continuous transmitting and receiving mode is programmed.
- 3. Investigation has been done on all the possible configurations for searching the worst case.

The gevin UE is pre-scanned among below modes.

Modulation	Transmission Chain				Multiple Transmission Spatial
⊠ 802.11 b	⊠ Ch0	🛛 Ch1	□ Ch2	□ Ch3	
⊠ 802.11 g				□ Ch3	⊠ 2TX
🛛 802.11 ac	🛛 Ch0	🛛 Ch1	🗆 Ch2	□ Ch3	⊠ MIMO
⊠ 802.11 ax	🖂 Ch0	🛛 Ch1	🗆 Ch2	□ Ch3	⊠ MIMO

4. Therefore, below summary is the modes of test configuration that yield the highest reading and generate the highest emission chosen to carry out the relevantly mandatory test items.

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4.3 Radiated Emission Test:

RADIATED EMISSION TEST (BELOW 1 GHz)							
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT		
802.11b	1 to 13	6	DSSS	1	2TX		

RADIATED EMISSION TEST (ABOVE 1 GHz)							
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT		
802.11b	1 to 13	1,2,6,10,11,12,13	DSSS	1	2TX		
802.11g	1 to 13	1,2,6,10,11,12,13	OFDM	6	2TX		
802.11ac (VHT20)	1 to 11	1,2,6,10,11,12,13	OFDM	MCS0	MIMO		
802.11ac (VHT40)	3 to 9	3,4,6,8,9,10,11	OFDM	MCS0	MIMO		
802.11ax (HE20)	1 to 13	1,2,6,10,11,12,13	OFDMA	MCS0	MIMO		
802.11ax (HE40)	3 to 11	3,4,6,8,9,10,11	OFDMA	MCS0	MIMO		

Note: NB

The field strength of radiation emission was measured as NB Plane for channel Low, Mid and High.

Note: TB

The field strength of radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for 802.11b/g/ac/ax WLAN Transmitter for channel Low, Mid and High, the worst case E1 position was reported.

4.4 Antenna Port Conducted Mesurement:

Conducted							
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT		
802.11b	1 to 13	1,2,6,10,11,12,13	DSSS	1	2TX		
802.11g	1 to 13	1,2,6,10,11,12,13	OFDM	6	2TX		
802.11ac (VHT20)	1 to 11	1,2,6,10,11,12,13	OFDM	MCS0	MIMO		
802.11ac (VHT40)	3 to 9	3,4,6,8,9,10,11	OFDM	MCS0	MIMO		
802.11ax (HE20)	1 to 13	1,2,6,10,11,12,13	OFDMA	MCS0	MIMO		
802.11ax (HE40)	3 to 11	3,4,6,8,9,10,11	OFDMA	MCS0	MIMO		

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MEASUREMENT UNCERTAINTY 5

Test Items	Uı	ncertaint	y
Output Power measurement	+/-	1	dB
Emission Bandwidth	+/-	1.53	Hz
Undesignable radiated emission measurement	+/-	1.68	dB
Temperature	+/-	0.4	°C
Humidity	+/-	3.5	%
DC / AC Power Source	+/-	1	%

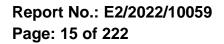
Radiated Spurious Emission Measurement Uncertainty						
	+/-	2.57	dB	9kHz~30MHz		
Polarization: Vertical	+/-	4.85	dB	30MHz - 1000MHz		
	+/-	4.45	dB	1GHz - 18GHz		
	+/-	4.24	dB	18GHz - 40GHz		
	+/-	2.57	dB	9kHz~30MHz		
Polarization: Horizontal	+/-	4.37	dB	30MHz - 1000MHz		
	+/-	4.45	dB	1GHz - 18GHz		
	+/-	4.24	dB	18GHz - 40GHz		

Note:

- 1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
- 2. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

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6 PEAK OUTPUT POWER MEASUREMENT

6.1 Standard Applicable

For systems using digital modulation in the 2400-2483.5 MHz bands, the limit for peak output power is 1Watt.

If the transmitting antenna of directional gain greater than 6dBi are used the peak output power form the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the Antenna exceeds 6dBi.

In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of Antenna exceeds 6dBi.

Note:

As per section F. 2). e). (ii) of FCC KDB 662911 D01

If antenna gains are not equal and each transmit antenna is driven by only one spatial stream, directional gain may be calculated by either of the following formulas.

• DirectionalGain =
$$10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

 $g_{j,k}$ = / 20 10Gk if the kth antenna is being fed by spatial stream j, or zero if it is not;

 G_k is the gain in dBi of the kth antenna.

The antenna gain is not grater than 6 dBi. Therefore, reduction of power is not required.

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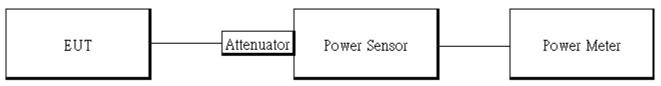
6.2 Measurement Equipment Used

Conducted Emission Test Site: Conducted D								
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUM- BER	LAST CAL.	CAL DUE.			
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071574	06/25/2021	06/24/2022			
Power Meter	Anritsu	ML2496A	2138002	11/12/2021	11/11/2022			
Power Sensor	Anritsu	MA2411B	1911390	09/20/2021	09/19/2022			
Power Sensor	Anritsu	MA2411B	1911398	09/22/2021	09/21/2022			
Test Software	SGS Taiwan	Radio Test Software	Ver.21	N.C.R	N.C.R			
Attenuator	Marvelous	MVE2213- 10	RF13	11/18/2021	11/17/2022			
Attenuator	Marvelous	WATT- 218FS-10	RF15	11/18/2021	11/17/2022			
Attenuator	Marvelous	WATT- 218FS-10	RF16	11/18/2021	11/17/2022			
DC Block	PASTERNACK	PE8210	RF158	11/18/2021	11/17/2022			

NOTE: N.C.R refers to Not Calibrated Required.

6.3 Test Set-up

Power Meter:



6.4 Measurement Procedure

- 1. Place the EUT on the table and set it in transmitting mode.
- 2. The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance .
- 3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power meter.

Power Meter:

It is used as the auxiliary test equipment to conduct the output power measurement.

4. Record the max. Reading as observed from Spectrum or Power Meter.

* Note: The duty cycle factor is compensated to obtain the maximum value of measurement in average.

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6.5 Measurement Result

WLAN for NB

802.1	1b Ch0					
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	1	16	21.83	30.00	PASS
2	2417	1	16	21.75	30.00	PASS
6	2437	1	16.5	22.11	30.00	PASS
10	2457	1	15	21.87	30.00	PASS
11	2462	1	15	21.70	30.00	PASS
12	2467	1	12	17.95	30.00	PASS
13	2472	1	4.5	11.38	30.00	PASS
802.1	1b Ch0					
				Max. Avg. Output		
СН	Freq.	Data	Power	include tune up	Limit	RESULT
	(MHz)	Rate	set	tolerance Power	(dBm)	REGOLI
				(dBm)		
1	2412	1	16	19.51	30.00	PASS
2	2417	1	16	19.43	30.00	PASS
6	2437	1	16.5	19.61	30.00	PASS
10	2457	1	15	19.43	30.00	PASS
11	2462	1	15	19.37	30.00	PASS
12	2467	1	12	15.44	30.00	PASS
13	2472	1	4.5	9.02	30.00	PASS

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802.1	1b Ch1					
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	1	15.5	21.62	30.00	PASS
2	2417	1	15.5	21.51	30.00	PASS
6	2437	1	16	21.55	30.00	PASS
10	2457	1	14.5	21.56	30.00	PASS
11	2462	1	15	21.49	30.00	PASS
12	2467	1	12	17.74	30.00	PASS
13	2472	1	4.5	11.48	30.00	PASS
802.1	1b Ch1		-			•
				Max. Avg. Output		
СН	Freq.	Data	Power	include tune up	Limit	RESULT
	(MHz)	Rate	set	tolerance Power	(dBm)	RESOLI
				(dBm)		
1	2412	1	15.5	19.04	30.00	PASS
2	2417	1	15.5	18.93	30.00	PASS
6	2437	1	16	19.12	30.00	PASS
10	2457	1	14.5	18.94	30.00	PASS
11	2462	1	15	19.01	30.00	PASS
12	2467	1	12	15.31	30.00	PASS
13	2472	1	4.5	8.87	30.00	PASS



802.1	1b_2TX							
сн	Freq. (MHz)	Data Rate	Power set		Dutput wer	Total Peak Output Power	Limit (dBm)	RESULT
	(11112)	Nuc	301	CH 0	CH 1	(dBm)	(abiii)	
1	2412	1	15.5	21.84	21.48	24.67	30.00	PASS
2	2417	1	15.5	21.82	21.42	24.63	30.00	PASS
6	2437	1	15.5	21.90	21.54	24.73	30.00	PASS
10	2457	1	15	21.91	21.80	24.87	30.00	PASS
11	2462	1	15	21.93	21.87	24.91	30.00	PASS
12	2467	1	11	17.86	17.72	20.80	30.00	PASS
13	2472	1	4.5	11.49	11.41	14.46	30.00	PASS
802.1	1b_2TX							
				Avg. C	Dutput	Max. Avg. Output		
СН	Freq.	Data	Power	Po	wer	include tune up	Limit	RESULT
	(MHz)	Rate	set	(dE	Bm)	tolerance Power	(dBm)	INEGOL I
				CH 0	CH 1	(dBm)		
1	2412	1	15.5	19.19	18.77	22.19	30.00	PASS
2	2417	1	15.5	19.10	18.76	22.13	30.00	PASS
6	2437	1	15.5	19.25	18.82	22.24	30.00	PASS
10	2457	1	15	19.18	19.12	22.35	30.00	PASS
11	2462	1	15	19.16	18.95	22.26	30.00	PASS
12	2467	1	11	15.17	15.05	18.31	30.00	PASS
13	2472	1	4.5	8.82	8.75	11.99	30.00	PASS



802.1	1g Ch0					
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	6	15.5	25.28	30.00	PASS
2	2417	6	16.5	25.79	30.00	PASS
6	2437	6	16.5	25.51	30.00	PASS
10	2457	6	16	25.82	30.00	PASS
11	2462	6	13	23.25	30.00	PASS
12	2467	6	9.5	21.11	30.00	PASS
13	2472	6	4	14.79	30.00	PASS
802.1	1g Ch0		-		•	•
				Max. Avg. Output		
СН	Freq.	Data	Power	include tune up	Limit	
СП	(MHz)	Rate	set	tolerance Power	(dBm)	RESULT
				(dBm)		
1	2412	6	15.5	16.79	30.00	PASS
2	2417	6	16.5	18.05	30.00	PASS
6	2437	6	16.5	17.89	30.00	PASS
10	2457	6	16	18.16	30.00	PASS
11	2462	6	13	15.31	30.00	PASS
12	2467	6	9.5	12.09	30.00	PASS
13	2472	6	4	6.72	30.00	PASS



802.1	1g Ch1					
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	6	15.5	25.11	30.00	PASS
2	2417	6	17	25.95	30.00	PASS
6	2437	6	17	15.78	30.00	PASS
10	2457	6	16.5	25.64	30.00	PASS
11	2462	6	13	23.12	30.00	PASS
12	2467	6	9.5	20.87	30.00	PASS
13	2472	6	4.5	15.76	30.00	PASS
802.1	1g Ch1				•	
				Max. Avg. Output		
СН	Freq.	Data	Power	include tune up	Limit	
Сп	(MHz)	Rate	set	tolerance Power	(dBm)	RESULT
				(dBm)		
1	2412	6	15.5	16.62	30.00	PASS
2	2417	6	17	18.25	30.00	PASS
6	2437	6	17	18.31	30.00	PASS
10	2457	6	16.5	18.02	30.00	PASS
11	2462	6	13	15.17	30.00	PASS
12	2467	6	9.5	11.96	30.00	PASS
13	2472	6	4.5	7.18	30.00	PASS



802.1	1g_2TX							
СН	Freq. (MHz)	Data Rate	Power set		Dutput wer	Total Peak Output Power	Limit (dBm)	RESULT
		Rale	561	CH 0	CH 1	(dBm)	(ubiii)	
1	2412	6	14.5	25.25	24.87	28.07	30.00	PASS
2	2417	6	15.5	25.92	25.83	28.89	30.00	PASS
6	2437	6	16.5	25.78	25.52	28.66	30.00	PASS
10	2457	6	16	25.85	25.64	28.76	30.00	PASS
11	2462	6	13	23.25	23.07	26.17	30.00	PASS
12	2467	6	9.5	21.15	20.93	24.05	30.00	PASS
13	2472	6	4.5	15.85	15.38	18.63	30.00	PASS
802.1	1g_2TX							
				Avg. C	Dutput	Max. Avg. Output		
СН	Freq.	Data	Power	Po	wer	include tune up	Limit	RESULT
СП	(MHz)	Rate	set	(dE	Bm)	tolerance Power	(dBm)	REJULI
				CH 0	CH 1	(dBm)		
1	2412	6	14.5	16.81	16.62	19.83	30.00	PASS
2	2417	6	15.5	17.98	17.83	21.02	30.00	PASS
6	2437	6	16.5	18.07	17.78	21.04	30.00	PASS
10	2457	6	16	18.19	17.92	21.17	30.00	PASS
11	2462	6	13	15.35	15.17	18.37	30.00	PASS
12	2467	6	9.5	12.03	11.95	15.10	30.00	PASS
13	2472	6	4.5	7.02	6.85	10.05	30.00	PASS



802.1 [°]	1ac_VHT_	20M Ch0				
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	14.5	25.22	30.00	PASS
2	2417	MCS0	15.5	25.23	30.00	PASS
6	2437	MCS0	16	25.73	30.00	PASS
10	2457	MCS0	14.5	25.22	30.00	PASS
11	2462	MCS0	12.5	23.98	30.00	PASS
12	2467	MCS0	7	18.78	30.00	PASS
13	2472	MCS0	2.5	14.58	30.00	PASS
802.1	1ac_VHT_	20M Ch0				
				Max. Avg. Output		
СН	Freq.	Data	Power	include tune up	Limit	RESULT
СП	(MHz)	Rate	set	tolerance Power	(dBm)	RESULI
				(dBm)		
1	2412	MCS0	14.5	16.30	30.00	PASS
2	2417	MCS0	15.5	17.50	30.00	PASS
6	2437	MCS0	16	17.79	30.00	PASS
10	2457	MCS0	14.5	17.29	30.00	PASS
11	2462	MCS0	12.5	15.70	30.00	PASS
12	2467	MCS0	7	9.91	30.00	PASS
13	2472	MCS0	2.5	5.39	30.00	PASS



802.1	1ac_VHT_	20M Ch1				
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	15	25.42	30.00	PASS
2	2417	MCS0	15.5	25.35	30.00	PASS
6	2437	MCS0	16.5	25.93	30.00	PASS
10	2457	MCS0	15	25.38	30.00	PASS
11	2462	MCS0	13	24.15	30.00	PASS
12	2467	MCS0	7.5	19.36	30.00	PASS
13	2472	MCS0	3	15.05	30.00	PASS
802.1	1ac_VHT_	20M Ch1	-			
				Max. Avg. Output		
СН	Freq.	Data	Power	include tune up	Limit	RESULT
СП	(MHz)	Rate	set	tolerance Power	(dBm)	REJULI
				(dBm)		
1	2412	MCS0	15	16.67	30.00	PASS
2	2417	MCS0	15.5	17.40	30.00	PASS
6	2437	MCS0	16.5	18.17	30.00	PASS
10	2457	MCS0	15	17.57	30.00	PASS
11	2462	MCS0	13	15.54	30.00	PASS
12	2467	MCS0	7.5	10.27	30.00	PASS
13	2472	MCS0	3	5.77	30.00	PASS



802.1 [°]	1ac_VHT2	OM MIMO						
СН	Freq.	Data Rate	Power		Dutput wer	Total Peak Output Power	Limit	RESULT
	(MHz)	Rale	set	CH 0	CH 1	(dBm)	(dBm)	
1	2412	MCS8	14.5	25.45	25.18	28.33	30.00	PASS
2	2417	MCS8	15.5	25.51	25.23	28.38	30.00	PASS
6	2437	MCS8	16	25.95	25.73	28.85	30.00	PASS
10	2457	MCS8	15.5	25.41	25.13	28.28	30.00	PASS
11	2462	MCS8	13	23.76	23.45	26.62	30.00	PASS
12	2467	MCS8	7.5	19.38	18.72	22.07	30.00	PASS
13	2472	MCS8	2.5	14.31	14.02	17.18	30.00	PASS
802.1 ⁻	1ac_VHT2	OM MIMO						
				Avg. C	Dutput	Max. Avg. Output		
СН	Freq.	Data	Power	Po	wer	include tune up	Limit	RESULT
	(MHz)	Rate	set	(dE	Bm)	tolerance Power	(dBm)	INEGOL I
				CH 0	CH 1	(dBm)		
1	2412	MCS8	14.5	15.31	15.08	19.36	30.00	PASS
2	2417	MCS8	15.5	16.33	16.07	20.36	30.00	PASS
6	2437	MCS8	16	16.94	16.65	20.96	30.00	PASS
10	2457	MCS8	15.5	17.15	17.01	21.24	30.00	PASS
11	2462	MCS8	13	14.78	14.52	18.81	30.00	PASS
12	2467	MCS8	7.5	9.21	9.01	13.27	30.00	PASS
13	2472	MCS8	2.5	4.49	4.27	8.54	30.00	PASS



802.1 ⁻	1ac_VHT_	40M Ch0				
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	13	23.71	30.00	PASS
4	2427	MCS0	13.5	23.93	30.00	PASS
6	2437	MCS0	14	23.71	30.00	PASS
8	2447	MCS0	12.5	23.29	30.00	PASS
9	2452	MCS0	12	23.35	30.00	PASS
10	2457	MCS0	5	16.88	30.00	PASS
11	2462	MCS0	3	15.62	30.00	PASS
802.1 ⁻	1ac_VHT_	40M Ch0				-
				Max. Avg. Output		
СН	Freq.	Data	Power	include tune up	Limit	RESULT
СП	(MHz)	Rate	set	tolerance Power	(dBm)	REJULI
				(dBm)		
3	2422	MCS0	13	15.00	30.00	PASS
4	2427	MCS0	13.5	15.52	30.00	PASS
6	2437	MCS0	14	16.06	30.00	PASS
8	2447	MCS0	12.5	15.30	30.00	PASS
9	2452	MCS0	12	14.89	30.00	PASS
10	2457	MCS0	5	8.22	30.00	PASS
11	2462	MCS0	3	6.25	30.00	PASS



802.1	1ac_VHT_	40M Ch1				
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	13.5	23.62	30.00	PASS
4	2427	MCS0	14	23.78	30.00	PASS
6	2437	MCS0	14.5	24.25	30.00	PASS
8	2447	MCS0	13	24.03	30.00	PASS
9	2452	MCS0	12	23.35	30.00	PASS
10	2457	MCS0	5.5	17.21	30.00	PASS
11	2462	MCS0	3.5	15.42	30.00	PASS
802.1	1ac_VHT_	40M Ch1	•		-	
				Max. Avg. Output		
СН	Freq.	Data	Power	include tune up	Limit	RESULT
СП	(MHz)	Rate	set	tolerance Power	(dBm)	RESULI
				(dBm)		
3	2422	MCS0	13.5	15.30	30.00	PASS
4	2427	MCS0	14	15.48	30.00	PASS
6	2437	MCS0	14.5	16.35	30.00	PASS
8	2447	MCS0	13	15.59	30.00	PASS
9	2452	MCS0	12	14.78	30.00	PASS
10	2457	MCS0	5.5	8.55	30.00	PASS
11	2462	MCS0	3.5	6.57	30.00	PASS



802.1 ⁻	1ac_VHT4	OM MIMO						
СН	Freq.	Data	Power		Dutput wer	Total Peak Output Power	Limit	RESULT
	(MHz)	Rate	set	CH 0	CH 1	(dBm)	(dBm)	
3	2422	MCS8	14	23.72	23.58	26.66	30.00	PASS
4	2427	MCS8	14.5	23.95	13.81	24.35	30.00	PASS
6	2437	MCS8	15	24.29	23.78	27.05	30.00	PASS
8	2447	MCS8	13.5	24.03	23.81	26.93	30.00	PASS
9	2452	MCS8	13	23.53	23.39	26.47	30.00	PASS
10	2457	MCS8	6.5	17.25	16.84	20.06	30.00	PASS
11	2462	MCS8	4.5	15.66	15.52	18.60	30.00	PASS
802.1 ⁻	1ac_VHT4							
				Avg. C	Dutput	Max. Avg. Output		
СН	Freq.	Data	Power	Po	wer	include tune up	Limit	RESULT
	(MHz)	Rate	set	(dE	Bm)	tolerance Power	(dBm)	INEGOL I
				CH 0	CH 1	(dBm)		
3	2422	MCS8	14	13.03	12.94	18.03	30.00	PASS
4	2427	MCS8	14.5	13.51	13.45	18.52	30.00	PASS
6	2437	MCS8	15	14.09	13.91	19.04	30.00	PASS
8	2447	MCS8	13.5	13.35	13.07	18.25	30.00	PASS
9	2452	MCS8	13	12.96	12.59	17.82	30.00	PASS
10	2457	MCS8	6.5	6.59	6.35	11.51	30.00	PASS
11	2462	MCS8	4.5	5.68	5.34	10.55	30.00	PASS



802.11ax_HE_20M Ch0											
СН	Freq. (MHz)	Data Rate	RU Config	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT				
1	2412	MCS0	full	17	25.42	30.00	PASS				
2	2417	MCS0	full	18	25.49	30.00	PASS				
6	2437	MCS0	full	18	25.93	30.00	PASS				
10	2457	MCS0	full	16.5	25.37	30.00	PASS				
11	2462	MCS0	full	15	23.75	30.00	PASS				
12	2467	MCS0	full	9	18.92	30.00	PASS				
13	2472	MCS0	full	4.5	15.25	30.00	PASS				
802.1	1ax_HE_2	20M Ch0									
					Max. Avg. Output						
СН	Freq.	Data	RU	Power	include tune up	Limit	RESULT				
СП	(MHz)	Rate	Config	set	tolerance Power	(dBm)	REJULI				
					(dBm)						
1	2412	MCS0	full	17	16.78	30.00	PASS				
2	2417	MCS0	full	18	17.68	30.00	PASS				
6	2437	MCS0	full	18	17.89	30.00	PASS				
10	2457	MCS0	full	16.5	17.43	30.00	PASS				
11	2462	MCS0	full	15	16.09	30.00	PASS				
12	2467	MCS0	full	9	10.12	30.00	PASS				
13	2472	MCS0	full	4.5	5.45	30.00	PASS				



802.11ax_HE_20M Ch1												
СН	Freq. (MHz)	Data Rate	RU Config	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT					
1	2412	MCS0	full	17.5	25.75	30.00	PASS					
2	2417	MCS0	full	18	25.68	30.00	PASS					
6	2437	MCS0	full	18.5	26.25	30.00	PASS					
10	2457	MCS0	full	17	24.52	30.00	PASS					
11	2462	MCS0	full	15.5	23.86	30.00	PASS					
12	2467	MCS0	full	9.5	19.68	30.00	PASS					
13	2472	MCS0	full	5	15.44	30.00	PASS					
802.1 ⁻	1ax_HE_2	20M Ch1										
					Max. Avg. Output							
СН	Freq.	Data	RU	Power	include tune up	Limit	RESULT					
	(MHz)	Rate	Config	set	tolerance Power	(dBm)	RESOLI					
					(dBm)							
1	2412	MCS0	full	17.5	17.02	30.00	PASS					
2	2417	MCS0	full	18	17.55	30.00	PASS					
6	2437	MCS0	full	18.5	18.32	30.00	PASS					
10	2457	MCS0	full	17	17.82	30.00	PASS					
11	2462	MCS0	full	15.5	16.14	30.00	PASS					
12	2467	MCS0	full	9.5	10.55	30.00	PASS					
13	2472	MCS0	full	5	5.95	30.00	PASS					



802.11ax_HE20M MIMO									
СН	Freq.	Data	RU	Power	Peak Output Power		Total Peak Output Power	Limit	RESULT
	(MHz)	Rate	Config	set	CH 0	CH 1	(dBm)	(dBm)	
1	2412	MCS0	full	16.5	25.75	25.43	28.60	30.00	PASS
2	2417	MCS0	full	17.5	25.66	25.48	28.58	30.00	PASS
6	2437	MCS0	full	18	26.29	25.92	29.12	30.00	PASS
10	2457	MCS0	full	17.5	25.68	25.33	28.52	30.00	PASS
11	2462	MCS0	full	15	23.98	23.72	26.86	30.00	PASS
12	2467	MCS0	full	11	19.74	18.93	22.36	30.00	PASS
13	2472	MCS0	full	4.5	14.65	14.21	17.45	30.00	PASS
802.1 ⁻	1ax_HE20	м мімс)						
					Avg. C	Dutput	Max. Avg. Output		
СН	Freq.	Data	RU	Power	Power		include tune up	Limit	RESULT
	(MHz)	Rate	Config	set	(dBm)		tolerance Power	(dBm)	
					CH 0	CH 1	(dBm)		
1	2412	MCS0	full	16.5	16.29	16.21	19.66	30.00	PASS
2	2417	MCS0	full	17.5	17.37	17.28	20.74	30.00	PASS
6	2437	MCS0	full	18	17.91	17.82	21.28	30.00	PASS
10	2457	MCS0	full	17.5	18.21	18.06	21.55	30.00	PASS
11	2462	MCS0	full	15	15.91	15.72	19.23	30.00	PASS
12	2467	MCS0	full	11	9.91	9.68	13.21	30.00	PASS
13	2472	MCS0	full	4.5	5.49	5.29	8.80	30.00	PASS



802.11ax_HE_40M Ch0									
СН	Freq. (MHz)	Data Rate	RU Config	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT		
3	2422	MCS0	full	17	23.56	30.00	PASS		
4	2427	MCS0	full	17.5	23.68	30.00	PASS		
6	2437	MCS0	full	18.5	24.02	30.00	PASS		
8	2447	MCS0	full	18.5	23.38	30.00	PASS		
9	2452	MCS0	full	17	23.36	30.00	PASS		
10	2457	MCS0	full	10.5	17.01	30.00	PASS		
11	2462	MCS0	full	8.5	15.25	30.00	PASS		
802.1	1ax_HE_4	IOM Ch0							
					Max. Avg. Output				
СН	Freq.	Data	RU	Power	include tune up	Limit	RESULT		
	(MHz)	Rate	Config	set	tolerance Power	(dBm)	NEGOLI		
					(dBm)				
3	2422	MCS0	full	17	14.92	30.00	PASS		
4	2427	MCS0	full	17.5	15.64	30.00	PASS		
6	2437	MCS0	full	18.5	16.25	30.00	PASS		
8	2447	MCS0	full	18.5	15.45	30.00	PASS		
9	2452	MCS0	full	17	14.94	30.00	PASS		
10	2457	MCS0	full	10.5	8.61	30.00	PASS		
11	2462	MCS0	full	8.5	6.56	30.00	PASS		



802.11ax_HE_40M Ch1									
СН	Freq. (MHz)	Data Rate	RU Config	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT		
3	2422	MCS0	full	17.5	23.78	30.00	PASS		
4	2427	MCS0	full	18	23.87	30.00	PASS		
6	2437	MCS0	full	19	24.65	30.00	PASS		
8	2447	MCS0	full	19	24.21	30.00	PASS		
9	2452	MCS0	full	17.5	23.54	30.00	PASS		
10	2457	MCS0	full	11	17.55	30.00	PASS		
11	2462	MCS0	full	9	15.47	30.00	PASS		
802.1	1ax_HE_4	0M Ch1							
					Max. Avg. Output				
СН	Freq.	Data	RU	Power	include tune up	Limit	RESULT		
	(MHz)	Rate	Config	set	tolerance Power	(dBm)			
					(dBm)				
3	2422	MCS0	full	17.5	15.28	30.00	PASS		
4	2427	MCS0	full	18	15.91	30.00	PASS		
6	2437	MCS0	full	19	16.56	30.00	PASS		
8	2447	MCS0	full	19	15.86	30.00	PASS		
9	2452	MCS0	full	17.5	15.38	30.00	PASS		
10	2457	MCS0	full	11	9.01	30.00	PASS		
11	2462	MCS0	full	9	6.98	30.00	PASS		



802.1	1ax_HE40)						
СН	Freq. (MHz)	Data Rate	RU Config	Power set	Peak Output Power		Total Peak Output Power	Limit (dBm)	RESULT
	(11112)	Nate	comig	361	CH 0	CH 1	(dBm)	(abiii)	
3	2422	MCS0	full	15.5	23.95	23.79	26.88	30.00	PASS
4	2427	MCS0	full	16	24.18	24.02	27.11	30.00	PASS
6	2437	MCS0	full	16.5	24.59	24.09	27.36	30.00	PASS
8	2447	MCS0	full	15	24.33	23.41	26.90	30.00	PASS
9	2452	MCS0	full	15	23.61	23.59	26.61	30.00	PASS
10	2457	MCS0	full	9.5	17.52	17.05	20.30	30.00	PASS
11	2462	MCS0	full	6	15.93	15.68	18.82	30.00	PASS
802.1 ⁻	1ax_HE40)						
					Avg. C	Dutput	Max. Avg. Output		
СН	Freq.	Data	RU	Power	Power		include tune up	Limit	RESULT
	(MHz)	Rate	Config	set	(dBm)		tolerance Power	(dBm)	RESOLT
					CH 0	CH 1	(dBm)		
3	2422	MCS0	full	15.5	14.26	13.95	18.15	30.00	PASS
4	2427	MCS0	full	16	14.86	14.64	18.79	30.00	PASS
6	2437	MCS0	full	16.5	15.29	14.95	19.16	30.00	PASS
8	2447	MCS0	full	15	14.75	14.63	18.73	30.00	PASS
9	2452	MCS0	full	15	14.29	13.98	18.18	30.00	PASS
10	2457	MCS0	full	9.5	7.88	7.65	11.81	30.00	PASS
11	2462	MCS0	full	6	5.91	5.62	9.81	30.00	PASS



WLAN for TB

802.1	1b Ch0					
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	1	15	20.29	30.00	PASS
2	2417	1	16	21.75	30.00	PASS
6	2437	1	16.5	22.11	30.00	PASS
10	2457	1	15	21.87	30.00	PASS
11	2462	1	15	21.70	30.00	PASS
12	2467	1	11	16.95	30.00	PASS
13	2472	1	4.5	11.38	30.00	PASS
802.1	1b Ch0					
				Max. Avg. Output		
СН	Freq.	Data	Power	include tune up	Limit	RESULT
UII	(MHz)	Rate	set	tolerance Power	(dBm)	RESULT
				(dBm)		
1	2412	1	15	18.68	30.00	PASS
2	2417	1	16	19.43	30.00	PASS
6	2437	1	16.5	19.61	30.00	PASS
10	2457	1	15	19.43	30.00	PASS
11	2462	1	15	19.37	30.00	PASS
12	2467	1	11	14.60	30.00	PASS
13	2472	1	4.5	9.02	30.00	PASS

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



802.1	1b Ch1					
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	1	15	20.12	30.00	PASS
2	2417	1	15.5	21.51	30.00	PASS
6	2437	1	16	21.55	30.00	PASS
10	2457	1	14.5	21.56	30.00	PASS
11	2462	1	15	21.49	30.00	PASS
12	2467	1	11	16.74	30.00	PASS
13	2472	1	4.5	11.48	30.00	PASS
802.1	1b Ch1					
				Max. Avg. Output		
СН	Freq.	Data	Power	include tune up	Limit	RESULT
UII	(MHz)	Rate	set	tolerance Power	(dBm)	
				(dBm)		
1	2412	1	15	18.55	30.00	PASS
2	2417	1	15.5	18.93	30.00	PASS
6	2437	1	16	19.12	30.00	PASS
10	2457	1	14.5	18.94	30.00	PASS
11	2462	1	15	19.01	30.00	PASS
12	2467	1	11	14.45	30.00	PASS
13	2472	1	4.5	8.87	30.00	PASS



802.1	1b_2TX							
сн	Freq. (MHz)	Data Rate	Power set		Dutput wer	Total Peak Output Power	Limit (dBm)	RESULT
	(11112)	Tuto -	001	CH 0	CH 1	(dBm)	(abiii)	
1	2412	1	15	21.45	21.12	24.30	30.00	PASS
2	2417	1	15.5	21.82	21.42	24.63	30.00	PASS
6	2437	1	15.5	21.90	21.54	24.73	30.00	PASS
10	2457	1	15	21.91	21.80	24.87	30.00	PASS
11	2462	1	15	21.93	21.87	24.91	30.00	PASS
12	2467	1	10.5	17.46	17.25	20.37	30.00	PASS
13	2472	1	4.5	11.49	11.41	14.46	30.00	PASS
802.1	1b_2TX							
				Avg. C	Dutput	Max. Avg. Output		
СН	Freq.	Data	Power	Po	wer	include tune up	Limit	RESULT
	(MHz)	Rate	set	(dE	Bm)	tolerance Power	(dBm)	INEGOL I
				CH 0	CH 1	(dBm)		
1	2412	1	15	18.75	18.42	21.79	30.00	PASS
2	2417	1	15.5	19.10	18.76	22.13	30.00	PASS
6	2437	1	15.5	19.25	18.82	22.24	30.00	PASS
10	2457	1	15	19.18	19.12	22.35	30.00	PASS
11	2462	1	15	19.16	18.95	22.26	30.00	PASS
12	2467	1	10.5	14.72	14.39	17.76	30.00	PASS
13	2472	1	4.5	8.82	8.75	11.99	30.00	PASS



802.1	1g Ch0					
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	6	12.5	22.38	30.00	PASS
2	2417	6	13	23.64	30.00	PASS
6	2437	6	16.5	25.51	30.00	PASS
10	2457	6	14	23.68	30.00	PASS
11	2462	6	10.5	20.75	30.00	PASS
12	2467	6	9.5	21.11	30.00	PASS
13	2472	6	4	14.79	30.00	PASS
802.1	1g Ch0					•
				Max. Avg. Output		
СН	Freq.	Data	Power	include tune up	Limit	ргеш т
CH	(MHz)	Rate	set	tolerance Power	(dBm)	RESULT
				(dBm)		
1	2412	6	12.5	14.35	30.00	PASS
2	2417	6	13	14.45	30.00	PASS
6	2437	6	16.5	17.89	30.00	PASS
10	2457	6	14	16.05	30.00	PASS
11	2462	6	10.5	12.69	30.00	PASS
12	2467	6	9.5	12.09	30.00	PASS
13	2472	6	4	6.72	30.00	PASS



802.1	1g Ch1					
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	6	13	22.61	30.00	PASS
2	2417	6	13.5	22.45	30.00	PASS
6	2437	6	17	15.78	30.00	PASS
10	2457	6	14.5	23.53	30.00	PASS
11	2462	6	10.5	20.53	30.00	PASS
12	2467	6	9.5	20.87	30.00	PASS
13	2472	6	4.5	15.76	30.00	PASS
802.1	1g Ch1				-	
				Max. Avg. Output		
<u></u>	Freq.	Data	Power	include tune up	Limit	
СН	(MHz)	Rate	set	tolerance Power	(dBm)	RESULT
				(dBm)		
1	2412	6	13	14.23	30.00	PASS
2	2417	6	13.5	14.25	30.00	PASS
6	2437	6	17	18.31	30.00	PASS
10	2457	6	14.5	15.98	30.00	PASS
11	2462	6	10.5	12.56	30.00	PASS
12	2467	6	9.5	11.96	30.00	PASS
13	2472	6	4.5	7.18	30.00	PASS



802.1	1g_2TX							
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power		Total Peak Output Power	Limit (dBm)	RESULT
	(11172)	Nale	501	CH 0	CH 1	(dBm)	(ubiii)	
1	2412	6	13.5	24.49	24.34	27.43	30.00	PASS
2	2417	6	13.5	25.92	25.83	28.89	30.00	PASS
6	2437	6	16.5	25.78	25.52	28.66	30.00	PASS
10	2457	6	14	23.79	23.61	26.71	30.00	PASS
11	2462	6	11.5	21.34	20.96	24.16	30.00	PASS
12	2467	6	9.5	21.15	20.93	24.05	30.00	PASS
13	2472	6	4.5	15.85	15.38	18.63	30.00	PASS
802.1	1g_2TX							
				Avg. C	Dutput	Max. Avg. Output		
СН	Freq.	Data	Power	Po	wer	include tune up	Limit	RESULT
СП	(MHz)	Rate	set	(dE	Bm)	tolerance Power	(dBm)	REJULI
				CH 0	CH 1	(dBm)		
1	2412	6	13.5	14.39	14.25	17.43	30.00	PASS
2	2417	6	13.5	14.35	14.14	17.36	30.00	PASS
6	2437	6	16.5	18.07	17.78	21.04	30.00	PASS
10	2457	6	14	16.27	15.80	19.15	30.00	PASS
11	2462	6	11.5	12.73	12.51	15.73	30.00	PASS
12	2467	6	9.5	12.03	11.95	15.10	30.00	PASS
13	2472	6	4.5	7.02	6.85	10.05	30.00	PASS



802.1	802.11ac_VHT_20M Ch0											
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT						
1	2412	MCS0	12.5	22.97	30.00	PASS						
2	2417	MCS0	13.5	23.42	30.00	PASS						
6	2437	MCS0	16	25.73	30.00	PASS						
10	2457	MCS0	13	25.22	30.00	PASS						
11	2462	MCS0	10	22.97	30.00	PASS						
12	2467	MCS0	7	18.78	30.00	PASS						
13	2472	MCS0	2.5	14.58	30.00	PASS						
802.1	1ac_VHT_	20M Ch0			•	·						
				Max. Avg. Output								
СН	Freq.	Data	Power	include tune up	Limit	RESULT						
СП	(MHz)	Rate	set	tolerance Power	(dBm)	RESULT						
				(dBm)								
1	2412	MCS0	12.5	14.30	30.00	PASS						
2	2417	MCS0	13.5	15.36	30.00	PASS						
6	2437	MCS0	16	17.79	30.00	PASS						
10	2457	MCS0	13	16.00	30.00	PASS						
11	2462	MCS0	10	12.67	30.00	PASS						
12	2467	MCS0	7	9.91	30.00	PASS						
13	2472	MCS0	2.5	5.39	30.00	PASS						



802.1	802.11ac_VHT_20M Ch1												
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT							
1	2412	MCS0	12.5	22.89	30.00	PASS							
2	2417	MCS0	13.5	23.35	30.00	PASS							
6	2437	MCS0	16.5	25.93	30.00	PASS							
10	2457	MCS0	13.5	25.38	30.00	PASS							
11	2462	MCS0	10	22.89	30.00	PASS							
12	2467	MCS0	7.5	19.36	30.00	PASS							
13	2472	MCS0	3	15.05	30.00	PASS							
802.1	1ac_VHT_	20M Ch1	-										
				Max. Avg. Output									
СН	Freq.	Data	Power	include tune up	Limit	RESULT							
СП	(MHz)	Rate	set	tolerance Power	(dBm)	REJULI							
				(dBm)									
1	2412	MCS0	12.5	14.20	30.00	PASS							
2	2417	MCS0	13.5	15.26	30.00	PASS							
6	2437	MCS0	16.5	18.17	30.00	PASS							
10	2457	MCS0	13.5	15.89	30.00	PASS							
11	2462	MCS0	10	12.50	30.00	PASS							
12	2467	MCS0	7.5	10.27	30.00	PASS							
13	2472	MCS0	3	5.77	30.00	PASS							



802.1 [°]	1ac_VHT2	OM MIMO						
СН	Freq.	Data	Power set		Dutput wer	Total Peak Output Power	Limit	RESULT
	(MHz)	Rate	Sel	CH 0	CH 1	(dBm)	(dBm)	
1	2412	MCS8	13	23.47	23.31	26.40	30.00	PASS
2	2417	MCS8	14	24.31	24.15	27.24	30.00	PASS
6	2437	MCS8	16	25.95	25.73	28.85	30.00	PASS
10	2457	MCS8	14.5	24.02	23.71	26.88	30.00	PASS
11	2462	MCS8	11	20.53	20.22	23.39	30.00	PASS
12	2467	MCS8	7.5	19.38	18.72	22.07	30.00	PASS
13	2472	MCS8	2.5	14.31	14.02	17.18	30.00	PASS
802.1 ⁻	1ac_VHT2	OM MIMO						
				Avg. C	Dutput	Max. Avg. Output		
СН	Freq.	Data	Power	Po	wer	include tune up	Limit	RESULT
	(MHz)	Rate	set	(dE	Bm)	tolerance Power	(dBm)	RESULT
				CH 0	CH 1	(dBm)		
1	2412	MCS8	13	13.26	13.13	17.36	30.00	PASS
2	2417	MCS8	14	14.27	14.18	18.39	30.00	PASS
6	2437	MCS8	16	16.94	16.65	20.96	30.00	PASS
10	2457	MCS8	14.5	15.03	14.75	19.05	30.00	PASS
11	2462	MCS8	11	11.69	11.52	15.77	30.00	PASS
12	2467	MCS8	7.5	9.21	9.01	13.27	30.00	PASS
13	2472	MCS8	2.5	4.49	4.27	8.54	30.00	PASS



802.11ac_VHT_40M Ch0											
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT					
3	2422	MCS0	11	21.74	30.00	PASS					
4	2427	MCS0	11.5	21.93	30.00	PASS					
6	2437	MCS0	14	23.71	30.00	PASS					
8	2447	MCS0	10.5	21.29	30.00	PASS					
9	2452	MCS0	10	21.48	30.00	PASS					
10	2457	MCS0	5	16.88	30.00	PASS					
11	2462	MCS0	3	15.62	30.00	PASS					
802.1 ⁻	1ac_VHT_	40M Ch0				·					
				Max. Avg. Output							
СН	Freq.	Data	Power	include tune up	Limit	RESULT					
СП	(MHz)	Rate	set	tolerance Power	(dBm)	RESULI					
				(dBm)							
3	2422	MCS0	11	13.28	30.00	PASS					
4	2427	MCS0	11.5	15.70	30.00	PASS					
6	2437	MCS0	14	16.06	30.00	PASS					
8	2447	MCS0	10.5	13.24	30.00	PASS					
9	2452	MCS0	10	14.67	30.00	PASS					
10	2457	MCS0	5	8.22	30.00	PASS					
11	2462	MCS0	3	6.25	30.00	PASS					



802.1 ⁻	1ac_VHT_	40M Ch1				
СН	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	11.5	21.62	30.00	PASS
4	2427	MCS0	12	21.78	30.00	PASS
6	2437	MCS0	14.5	24.25	30.00	PASS
8	2447	MCS0	10.5	21.57	30.00	PASS
9	2452	MCS0	10	21.35	30.00	PASS
10	2457	MCS0	5.5	17.21	30.00	PASS
11	2462	MCS0	3.5	15.42	30.00	PASS
802.1	1ac_VHT_	40M Ch1	•		-	
				Max. Avg. Output		
СН	Freq.	Data	Power	include tune up	Limit	RESULT
Сп	(MHz)	Rate	set	tolerance Power	(dBm)	RESULT
				(dBm)		
3	2422	MCS0	11.5	13.15	30.00	PASS
4	2427	MCS0	12	13.58	30.00	PASS
6	2437	MCS0	14.5	16.35	30.00	PASS
8	2447	MCS0	10.5	13.04	30.00	PASS
9	2452	MCS0	10	12.57	30.00	PASS
10	2457	MCS0	5.5	8.55	30.00	PASS
11	2462	MCS0	3.5	6.57	30.00	PASS



802.1	1ac_VHT4							
СН	Freq. (MHz)	Data Rate	Power set		Dutput wer	Total Peak Output Power	Limit (dBm)	RESULT
	(11172)	Kale	Sel	CH 0	CH 1	(dBm)	(ubiii)	
3	2422	MCS8	13	22.75	22.39	25.58	30.00	PASS
4	2427	MCS8	13.5	23.23	22.78	26.02	30.00	PASS
6	2437	MCS8	15	24.29	23.78	27.05	30.00	PASS
8	2447	MCS8	12.5	22.24	22.13	25.20	30.00	PASS
9	2452	MCS8	12	21.75	21.58	24.68	30.00	PASS
10	2457	MCS8	6.5	17.25	16.84	20.06	30.00	PASS
11	2462	MCS8	4.5	15.66	15.52	18.60	30.00	PASS
802.1 ⁻	1ac_VHT4	OM MIMO						
				Avg. C	Dutput	Max. Avg. Output		
СН	Freq.	Data	Power	Po	wer	include tune up	Limit	RESULT
	(MHz)	Rate	set	(dE	Bm)	tolerance Power	(dBm)	INEGOL I
				CH 0	CH 1	(dBm)		
3	2422	MCS8	13	11.47	11.32	16.44	30.00	PASS
4	2427	MCS8	13.5	11.99	11.67	16.87	30.00	PASS
6	2437	MCS8	15	14.09	13.91	19.04	30.00	PASS
8	2447	MCS8	12.5	11.35	11.06	16.25	30.00	PASS
9	2452	MCS8	12	10.86	10.53	15.74	30.00	PASS
10	2457	MCS8	6.5	6.59	6.35	11.51	30.00	PASS
11	2462	MCS8	4.5	5.68	5.34	10.55	30.00	PASS



802.11ax_HE_20M Ch0											
СН	Freq. (MHz)	Data Rate	RU Config	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT				
1	2412	MCS0	full	15	23.42	30.00	PASS				
2	2417	MCS0	full	17	24.49	30.00	PASS				
6	2437	MCS0	full	18	25.93	30.00	PASS				
10	2457	MCS0	full	15.5	23.89	30.00	PASS				
11	2462	MCS0	full	13	21.75	30.00	PASS				
12	2467	MCS0	full	9	18.92	30.00	PASS				
13	2472	MCS0	full	4.5	15.25	30.00	PASS				
802.1	1ax_HE_2	20M Ch0									
					Max. Avg. Output						
СН	Freq.	Data	RU	Power	include tune up	Limit	RESULT				
СП	(MHz)	Rate	Config	set	tolerance Power	(dBm)	REJULI				
					(dBm)						
1	2412	MCS0	full	15	14.95	30.00	PASS				
2	2417	MCS0	full	17	16.58	30.00	PASS				
6	2437	MCS0	full	18	17.89	30.00	PASS				
10	2457	MCS0	full	15.5	16.33	30.00	PASS				
11	2462	MCS0	full	13	14.29	30.00	PASS				
12	2467	MCS0	full	9	10.12	30.00	PASS				
13	2472	MCS0	full	4.5	5.45	30.00	PASS				



802.11ax_HE_20M Ch1												
Freq. (MHz)	Data Rate	RU Config	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT						
2412	MCS0	full	15.5	23.75	30.00	PASS						
2417	MCS0	full	17	24.68	30.00	PASS						
2437	MCS0	full	18.5	26.25	30.00	PASS						
2457	MCS0	full	15.5	23.59	30.00	PASS						
2462	MCS0	full	13.5	21.89	30.00	PASS						
2467	MCS0	full	9.5	19.68	30.00	PASS						
2472	MCS0	full	5	15.44	30.00	PASS						
1ax_HE_2	0M Ch1											
				Max. Avg. Output								
Freq.	Data	RU	Power	include tune up	Limit	RESULT						
(MHz)	Rate	Config	set	tolerance Power	(dBm)	RESOLI						
				(dBm)								
2412	MCS0	full	15.5	14.83	30.00	PASS						
2417	MCS0	full	17	16.41	30.00	PASS						
2437	MCS0	full	18.5	18.32	30.00	PASS						
2457	MCS0	full	15.5	16.16	30.00	PASS						
2462	MCS0	full	13.5	14.18	30.00	PASS						
2467	MCS0	full	9.5	10.55	30.00	PASS						
2472	MCS0	full	5	5.95	30.00	PASS						
	Freq. (MHz) 2412 2417 2437 2457 2462 2467 2472 1ax_HE_2 Freq. (MHz) 2412 2417 2417 2417 2417 2457 2457 2457 2462 2467	Freq. Data Rate 2412 MCS0 2417 MCS0 2437 MCS0 2457 MCS0 2462 MCS0 2467 MCS0 2467 MCS0 2467 MCS0 2467 MCS0 2467 MCS0 2472 MCS0 2474 MCS0 2472 MCS0 2473 MCS0 2474 MCS0 2472 MCS0 2473 MCS0 2474 MCS0 2417 MCS0 2417 MCS0 2417 MCS0 2437 MCS0 24457 MCS0 2457 MCS0 2462 MCS0 2467 MCS0	Freq. (MHz) Data Rate RU Config 2412 MCS0 full 2417 MCS0 full 2437 MCS0 full 2457 MCS0 full 2462 MCS0 full 2467 MCS0 full 2472 MCS0 full 2417 MCS0 full 2437 MCS0 full 2437 MCS0 full 2457 MCS0 full <td>Freq. (MHz) Data Rate RU Config Power set 2412 MCS0 full 15.5 2417 MCS0 full 17 2437 MCS0 full 17 2437 MCS0 full 18.5 2457 MCS0 full 13.5 2462 MCS0 full 9.5 2467 MCS0 full 5 2472 MCS0 full 5 1ax_HE_20M Ch1 5 5 Freq. Data RU Power (MHz) Rate Config set 2412 MCS0 full 15.5 2412 MCS0 full 17 2412 MCS0 full 17 2417 MCS0 full 17 2437 MCS0 full 18.5 2457 MCS0 full 15.5 2462 MCS0 full 13.5 2</td> <td>Freq. Data Rate RU Config Power set Peak Output Power (dBm) 2412 MCS0 full 15.5 23.75 2417 MCS0 full 17 24.68 2437 MCS0 full 18.5 26.25 2457 MCS0 full 13.5 21.89 2462 MCS0 full 9.5 19.68 2472 MCS0 full 5 15.44 1ax_HE_20M Ch1 5 15.44 16.41 1ax_HE_20M Ch1 15.5 14.83 2417 MCS0 full 15.5 14.83 2412 MCS0 full 15.5 14.83 2472 MCS0 full 5 15.44 1ax_HE_20M Ch1 5 15.44 16.41 2437 MCS0 full 15.5 14.83 2417 MCS0 full 15.5 14.83 2417 MCS0 full 17 16.41</td> <td>Freq. (MHz) Data Rate RU Config Power set Peak Output Power (dBm) Limit (dBm) 2412 MCS0 full 15.5 23.75 30.00 2417 MCS0 full 17 24.68 30.00 2437 MCS0 full 18.5 26.25 30.00 2437 MCS0 full 15.5 23.59 30.00 2457 MCS0 full 15.5 23.59 30.00 2462 MCS0 full 13.5 21.89 30.00 2467 MCS0 full 9.5 19.68 30.00 2472 MCS0 full 5 15.44 30.00 2472 MCS0 full 5 14.83 30.00 2472 MCS0 full 5 14.83 30.00 2472 MCS0 full 15.5 14.83 30.00 2412 MCS0 full 15.5 14.83 30.00</td>	Freq. (MHz) Data Rate RU Config Power set 2412 MCS0 full 15.5 2417 MCS0 full 17 2437 MCS0 full 17 2437 MCS0 full 18.5 2457 MCS0 full 13.5 2462 MCS0 full 9.5 2467 MCS0 full 5 2472 MCS0 full 5 1ax_HE_20M Ch1 5 5 Freq. Data RU Power (MHz) Rate Config set 2412 MCS0 full 15.5 2412 MCS0 full 17 2412 MCS0 full 17 2417 MCS0 full 17 2437 MCS0 full 18.5 2457 MCS0 full 15.5 2462 MCS0 full 13.5 2	Freq. Data Rate RU Config Power set Peak Output Power (dBm) 2412 MCS0 full 15.5 23.75 2417 MCS0 full 17 24.68 2437 MCS0 full 18.5 26.25 2457 MCS0 full 13.5 21.89 2462 MCS0 full 9.5 19.68 2472 MCS0 full 5 15.44 1ax_HE_20M Ch1 5 15.44 16.41 1ax_HE_20M Ch1 15.5 14.83 2417 MCS0 full 15.5 14.83 2412 MCS0 full 15.5 14.83 2472 MCS0 full 5 15.44 1ax_HE_20M Ch1 5 15.44 16.41 2437 MCS0 full 15.5 14.83 2417 MCS0 full 15.5 14.83 2417 MCS0 full 17 16.41	Freq. (MHz) Data Rate RU Config Power set Peak Output Power (dBm) Limit (dBm) 2412 MCS0 full 15.5 23.75 30.00 2417 MCS0 full 17 24.68 30.00 2437 MCS0 full 18.5 26.25 30.00 2437 MCS0 full 15.5 23.59 30.00 2457 MCS0 full 15.5 23.59 30.00 2462 MCS0 full 13.5 21.89 30.00 2467 MCS0 full 9.5 19.68 30.00 2472 MCS0 full 5 15.44 30.00 2472 MCS0 full 5 14.83 30.00 2472 MCS0 full 5 14.83 30.00 2472 MCS0 full 15.5 14.83 30.00 2412 MCS0 full 15.5 14.83 30.00						



802.1 ⁻	1ax_HE20)						
СН	Freq.	Data	RU	Power		Dutput wer	Total Peak Output Power	Limit	RESULT
	(MHz)	Rate	Config	set	CH 0	CH 1	(dBm)	(dBm)	
1	2412	MCS0	full	15.5	24.36	24.29	27.34	30.00	PASS
2	2417	MCS0	full	16	24.53	24.37	27.46	30.00	PASS
6	2437	MCS0	full	18	26.29	25.92	29.12	30.00	PASS
10	2457	MCS0	full	15	24.27	24.13	27.21	30.00	PASS
11	2462	MCS0	full	12.5	21.86	21.69	24.79	30.00	PASS
12	2467	MCS0	full	9	19.74	18.93	22.36	30.00	PASS
13	2472	MCS0	full	4.5	14.65	14.21	17.45	30.00	PASS
802.1 ⁻	1ax_HE20)						
					Avg. C	Dutput	Max. Avg. Output		
СН	Freq.	Data	RU	Power	Po	wer	include tune up	Limit	RESULT
	(MHz)	Rate	Config	set	(dE	Bm)	tolerance Power	(dBm)	NLOOL I
					CH 0	CH 1	(dBm)		
1	2412	MCS0	full	15.5	14.79	14.58	18.10	30.00	PASS
2	2417	MCS0	full	16	16.31	16.12	19.63	30.00	PASS
6	2437	MCS0	full	18	17.91	17.82	21.28	30.00	PASS
10	2457	MCS0	full	15	16.14	15.86	19.41	30.00	PASS
11	2462	MCS0	full	12.5	14.24	13.81	17.44	30.00	PASS
12	2467	MCS0	full	9	9.91	9.68	13.21	30.00	PASS
13	2472	MCS0	full	4.5	5.49	5.29	8.80	30.00	PASS



802.1	1ax_HE_4	OM Ch0					
СН	Freq. (MHz)	Data Rate	RU Config	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	full	15.5	22.17	30.00	PASS
4	2427	MCS0	full	14.5	20.68	30.00	PASS
6	2437	MCS0	full	18.5	24.02	30.00	PASS
8	2447	MCS0	full	15	20.38	30.00	PASS
9	2452	MCS0	full	13.5	19.36	30.00	PASS
10	2457	MCS0	full	10.5	17.01	30.00	PASS
11	2462	MCS0	full	8.5	15.25	30.00	PASS
802.1	1ax_HE_4	IOM Ch0					
					Max. Avg. Output		
СН	Freq.	Data	RU	Power	include tune up	Limit	RESULT
СП	(MHz)	Rate	Config	set	tolerance Power	(dBm)	RESULT
					(dBm)		
3	2422	MCS0	full	15.5	13.77	30.00	PASS
4	2427	MCS0	full	14.5	12.82	30.00	PASS
6	2437	MCS0	full	18.5	16.25	30.00	PASS
8	2447	MCS0	full	15	12.02	30.00	PASS
9	2452	MCS0	full	13.5	11.60	30.00	PASS
10	2457	MCS0	full	10.5	8.61	30.00	PASS
11	2462	MCS0	full	8.5	6.56	30.00	PASS



802.1	1ax_HE_4	OM Ch1					
СН	Freq. (MHz)	Data Rate	RU Config	Power set	Peak Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	full	16	22.28	30.00	PASS
4	2427	MCS0	full	15	20.87	30.00	PASS
6	2437	MCS0	full	19	24.65	30.00	PASS
8	2447	MCS0	full	15.5	20.42	30.00	PASS
9	2452	MCS0	full	13.5	19.54	30.00	PASS
10	2457	MCS0	full	11	17.55	30.00	PASS
11	2462	MCS0	full	9	15.47	30.00	PASS
802.1 ⁻	1ax_HE_4	IOM Ch1					
					Max. Avg. Output		
СН	Freq.	Data	RU	Power	include tune up	Limit	RESULT
	(MHz)	Rate	Config	set	tolerance Power	(dBm)	RESULT
					(dBm)		
3	2422	MCS0	full	16	13.68	30.00	PASS
4	2427	MCS0	full	15	12.75	30.00	PASS
6	2437	MCS0	full	19	16.56	30.00	PASS
8	2447	MCS0	full	15.5	11.92	30.00	PASS
9	2452	MCS0	full	13.5	11.48	30.00	PASS
10	2457	MCS0	full	11	9.01	30.00	PASS
11	2462	MCS0	full	9	6.98	30.00	PASS



802.1 ⁻	1ax_HE40	ом мімс)						
СН	Freq.	Data	RU	Power		Dutput wer	Total Peak Output Power	Limit	RESULT
	(MHz)	Rate	Config	set	CH 0	CH 1	(dBm)	(dBm)	
3	2422	MCS0	full	14	23.67	23.02	26.37	30.00	PASS
4	2427	MCS0	full	14.5	22.54	22.17	25.37	30.00	PASS
6	2437	MCS0	full	16.5	24.59	24.09	27.36	30.00	PASS
8	2447	MCS0	full	13.5	21.70	21.41	24.57	30.00	PASS
9	2452	MCS0	full	13	21.01	20.92	23.98	30.00	PASS
10	2457	MCS0	full	8	17.52	17.05	20.30	30.00	PASS
11	2462	MCS0	full	6	15.93	15.68	18.82	30.00	PASS
802.1 ⁻	1ax_HE40	ом мімс)						
					Avg. C	Dutput	Max. Avg. Output		
СН	Freq.	Data	RU	Power	Po	wer	include tune up	Limit	RESULT
	(MHz)	Rate	Config	set	(dE	Bm)	tolerance Power	(dBm)	RESULT
					CH 0	CH 1	(dBm)		
3	2422	MCS0	full	14	12.89	12.73	16.85	30.00	PASS
4	2427	MCS0	full	14.5	11.96	11.82	15.93	30.00	PASS
6	2437	MCS0	full	16.5	15.29	14.95	19.16	30.00	PASS
8	2447	MCS0	full	13.5	11.21	11.02	15.16	30.00	PASS
9	2452	MCS0	full	13	10.80	10.52	14.70	30.00	PASS
10	2457	MCS0	full	8	7.88	7.65	11.81	30.00	PASS
11	2462	MCS0	full	6	5.91	5.62	9.81	30.00	PASS

* Note: The duty cycle factor is compensated to obtain the maximum value of measurement in average.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



6.6 EIRP

台灣

WLAN for NB

	802.11	b Ch0											٦
	СН	Freq. (MHz)		ata ate	-	Output r (dBm)	Anten Gair (dBi	n	EIRP (dBm)	Limit (dBm)		SULT	
	1	2412		1	19	9.51	2.96	6	22.47	36	P	ASS	7
	2	2417		1	19	9.43	2.96	6	22.39	36	P	ASS	Τ
	6	2437		1	19	9.61	2.96	6	22.57	36	P	ASS	
	10	2457		1	19	9.43	2.96	5	22.39	36	P	ASS	
	11	2462		1	19	9.37	2.96	6	22.33	36	P	ASS	
	12	2467		1	15	5.44	2.96	6	18.40	36	P	ASS	
	13	2472		1	9	.02	2.96	6	11.98	36	P	ASS	
	802.11	b Ch1											7
	СН	Freq. (MHz)		ata ate	-	Output er (dBm)	Anter Gai (dB	n	EIRP (dBm)	Limi (dBm	RE	SULT	-
	1	2412		1	1	9.04	2.9	1	21.95	36	F	PASS	1
	2	2417		1	1	8.93	2.9	1	21.84	36	F	PASS	
	6	2437		1	1	9.12	2.9	1	22.03	36	F	PASS	
	10	2457		1	1	8.94	2.9	1	21.85	36	F	PASS	7
	11	2462		1	1	9.01	2.9	1	21.92	36	F	PASS	
	12	2467		1	1	5.31	2.9	1	18.22	36	F	PASS	
	13	2472		1	8	3.87	2.9	1	11.78	36	F	PASS	
3 02.1 1	b_2TX												
СН	Freq. (MHz))ata late	Avg. C Pov)utput wer	Total Output	•		tenna ain	EIRP (dBm)	Limit (dBm	- I F	RESUL
	(11112)			CH 0	CH 1	(dB	m)	(0	lBi)	(abiii)	(ubiii	,	
1	2412		1	19.19	18.77	22.1		5	5.95	28.14	36		PASS
2	2417	_	1	19.10	18.76	22.1	3	5	5.95	28.08	36		PASS
6	2437	_	1	19.25	18.82	22.2		5	5.95	28.19	36		PASS
10	2457	_	1	19.18	19.12	22.3			5.95	28.30	36		PASS
11	2462		1	19.16	18.95	22.2			5.95	28.21	36		PASS
12	2467		1	15.17	15.05	18.3			5.95	24.26	36		PASS
13	2472		1	8.82	8.75	11.9	99	5	5.95	17.94	36		PASS

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

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СН	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	6	16.79	2.96	19.75	36	PASS
2	2417	6	18.05	2.96	21.01	36	PASS
6	2437	6	17.89	2.96	20.85	36	PASS
10	2457	6	18.16	2.96	21.12	36	PASS
11	2462	6	15.31	2.96	18.27	36	PASS
12	2467	6	12.09	2.96	15.05	36	PASS
13	2472	6	6.72	2.96	9.68	36	PASS
802.11	g Ch1			1		•	1
СН	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESUL
1	2412	6	16.62	2.91	19.53	36	PASS
2	2417	6	18.25	2.91	21.16	36	PASS
6	2437	6	18.31	2.91	21.22	36	PASS
	2457	6	18.02	2.91	20.93	36	PASS
10		6	15.17	2.91	18.08	36	PASS
10 11	2462	0	10.11				
	2462 2467	6	11.96	2.91	14.87	36	PASS

002.11	y_217								
сн	Freq. (MHz)	Data Rate	-	Dutput wer	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit (dBm)	RESULT
	(11112)	Nate	CH 0	CH 1	(dBm)	(dBi)	(ubiii)		
1	2412	6	16.81	16.62	19.83	5.95	25.78	36	PASS
2	2417	6	17.98	17.83	21.02	5.95	26.97	36	PASS
6	2437	6	18.07	17.78	21.04	5.95	26.99	36	PASS
10	2457	6	18.19	17.92	21.17	5.95	27.12	36	PASS
11	2462	6	15.35	15.17	18.37	5.95	24.32	36	PASS
12	2467	6	12.03	11.95	15.10	5.95	21.05	36	PASS
13	2472	6	7.02	6.85	10.05	5.95	16.00	36	PASS

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802.11	ac_VHT_2	20M Ch0					
СН	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	16.30	2.96	19.26	36	PASS
2	2417	MCS0	17.50	2.96	20.46	36	PASS
6	2437	MCS0	17.79	2.96	20.75	36	PASS
10	2457	MCS0	17.29	2.96	20.25	36	PASS
11	2462	MCS0	15.70	2.96	18.66	36	PASS

802.11	02.11ac_VHT_20M Ch1											
СН	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT					
1	2412	MCS0	16.67	2.91	19.58	36	PASS					
2	2417	MCS0	17.40	2.91	20.31	36	PASS					
6	2437	MCS0	18.17	2.91	21.08	36	PASS					
10	2457	MCS0	17.57	2.91	20.48	36	PASS					
11	2462	MCS0	15.54	2.91	18.45	36	PASS					

802.11	02.11ac_VHT20M MIMO										
СН	Freq. (MHz)	Data Rate	-	Dutput wer	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit (dBm)	RESULT		
	(11112)	Nate	CH 0	CH 1	(dBm)	(dBi)	(ubiii)	(abiii)			
1	2412	MCS8	15.31	15.08	19.36	5.95	25.31	36	PASS		
2	2417	MCS8	16.33	16.07	20.36	5.95	26.31	36	PASS		
6	2437	MCS8	16.94	16.65	20.96	5.95	26.91	36	PASS		
10	2457	MCS8	17.15	17.01	21.24	5.95	27.19	36	PASS		
11	2462	MCS8	14.78	14.52	18.81	5.95	24.76	36	PASS		



СН	Freq. (MHz)	Data Rate	-	Output r (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	15	5.00	2.96	17.96	36	PASS
4	2427	MCS0	15	5.52	2.96	18.48	36	PASS
6	2437	MCS0	16	6.06	2.96	19.02	36	PASS
8	2447	MCS0	15	5.30	2.96	18.26	36	PASS
9	2452	MCS0	14	1.89	2.96	17.85	36	PASS
10	2457	MCS0	8	.22	2.96	11.18	36	PASS
11	2462	MCS0	6	.25	2.96	9.21	36	PASS
802.11	ac_VHT_4(M Ch1						
СН	Freq.	Data	Avg.	Avg. Output		a EIRP	Limit	RESULT
	(MHz)	Rate	Powe	er (dBm)	Gain (dBi)	(dBm) (dBm)
3	2422	MCS0	1	5.30	2.91	18.21	36	PASS
4	2427	MCS0	1	5.48	2.91	18.39	36	PASS
6	2437	MCS0	1	6.35	2.91	19.26	36	PASS
8	2447	MCS0	1	5.59	2.91	18.50	36	PASS
9	2452	MCS0	1	4.78	2.91	17.69	36	PASS
10	2457	MCS0	3	3.55	2.91	11.46	36	PASS
11	2462	MCS0	6	6.57	2.91	9.48	36	PASS
_VHT	40M MIMC)						
			. Output	Total	-	Antenna		

802.11

сн	Freq. (MHz)	Data Rate	-	Output wer	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit (dBm)	RESULT
	()		CH 0	CH 1	(dBm)	(dBi)	(•====)	(*====)	
3	2422	MCS8	13.03	12.94	18.03	5.95	23.98	36	PASS
4	2427	MCS8	13.51	13.45	18.52	5.95	24.47	36	PASS
6	2437	MCS8	14.09	13.91	19.04	5.95	24.99	36	PASS
8	2447	MCS8	13.35	13.07	18.25	5.95	24.20	36	PASS
9	2452	MCS8	12.96	12.59	17.82	5.95	23.77	36	PASS
10	2457	MCS8	6.59	6.35	11.51	5.95	17.46	36	PASS
11	2462	MCS8	5.68	5.34	10.55	5.95	16.50	36	PASS

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10

11

12

13

2457

2462

2467

2472

MCS0

MCS0

MCS0

MCS0

full

full

full

full

	802.11	ax_HE_2	OM Ch0									
	СН	Freq. (MHz)	Data Rate	RU Config	•	Output r (dBm)	Anten Gaiı (dBi	n	EIRP (dBm)	l l imit	RESU	LT
	1	2412	MCS0	full	16	6.78	2.96	6	19.74	36	PAS	S
	2	2417	MCS0	full	17	7.68	2.96	5	20.64	36	PAS	S
	6	2437	MCS0	full	17	7.89	2.96	6	20.85	36	PAS	S
	10	2457	MCS0	full	17	7.43	2.96	6	20.39	36	PAS	S
	11	2462	MCS0	full	16	5.09	2.96	6	19.05	36	PAS	S
	12	2467	MCS0	full	1(0.12	2.96	6	13.08	36	PAS	S
	13	2472	MCS0	full	5	5.45	2.96	6	8.41	36	PAS	S
	802.11a	ax_HE_20	M Ch1									
	СН	Freq. (MHz)	Data Rate	RU Config	-	Output er (dBm)	Anter Gai (dB	n	EIRP (dBm	Limi	t RESU	ILT
	1	2412	MCS0	full	1	7.02	2.9		19.93	36	PAS	S
	2	2417	MCS0	full	1	7.55	2.9	1	20.46		PAS	S
	6	2437	MCS0	full	1	8.32	2.9	1	21.23	36	PAS	S
	10	2457	MCS0	full	1	7.82	2.9	1	20.73	36	PAS	S
	11	2462	MCS0	full	1	6.14	2.9	1	19.05	36	PAS	S
	12	2467	MCS0	full	1	0.55	2.9	1	13.46	36	PAS	S
	13	2472	MCS0	full	Ę	5.95	2.9	1	8.86	36	PAS	S
802.11	ax_HE2(
СН	Freq. (MHz)	Data Rate	RU Config	Pov)utput wer	Total Output	-		tenna Gain	EIRP (dBm)	Limit	RESUL
				CH 0	CH 1	(dB		•	dBi)	· ·		
1	2412	MCS0	full	16.29	16.21	19.6			5.95	25.61	36	PASS
2	2417	MCS0	full	17.37	17.28	20.7			5.95	26.69	36	PASS
6	2437	MCS0	full	17.91	17.82	21.2	28	5	5.95	27.23	36	PASS

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18.21

15.91

9.91

5.49

18.06

15.72

9.68

5.29

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21.55

19.23

13.21

8.80

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27.50

25.18

19.16

14.75

5.95

5.95

5.95

5.95

36

36

36

36

PASS

PASS

PASS

PASS



802.1

СН

3

4

6

8

9

10

11

2437

2447

2452

2457

2462

MCS0

MCS0

MCS0

MCS0

MCS0

802.1	1ax_HE_4	0M Ch0									
СН	Freq. (MHz)	Data Rate	RU Config	•	Output r (dBm)	Anten Gair (dBi	n	EIRP (dBm)	Limit	RESU	LT
3	2422	MCS0	full	14	1.92	2.96	5	17.88	36	PAS	S
4	2427	MCS0	full	15	5.64	2.96	6	18.60	36	PAS	S
6	2437	MCS0	full	16	6.25	2.96	6	19.21	36	PAS	S
8	2447	MCS0	full	15	5.45	2.96	5	18.41	36	PAS	S
9	2452	MCS0	full	14	1.94	2.96	6	17.90	36	PAS	S
10	2457	MCS0	full	8	.61	2.96	6	11.57	36	PAS	S
11	2462	MCS0	full	6	.56	2.96	6	9.52	36	PAS	S
802.11	ax_HE_40	M Ch1									
СН	Freq. (MHz)	Data Rate	RU Config	•	Output er (dBm)	Anter Gai (dB	n	EIRP (dBm	Limi	t RESU	JLT
3	2422	MCS0	full	1	5.28	2.9	1	18.19	36	PAS	SS
4	2427	MCS0	full	1	5.91	2.9	1	18.82	36	PAS	SS
6	2437	MCS0	full	1	6.56	2.9	1	19.47	[,] 36	PAS	SS
8	2447	MCS0	full	1	5.86	2.9	1	18.77	[,] 36	PAS	SS
9	2452	MCS0	full	1	5.38	2.9	1	18.29	36	PAS	SS
10	2457	MCS0	full	Q	9.01	2.9	1	11.92	36	PAS	SS
11	2462	MCS0	full	(6.98	2.9	1	9.89	36	PAS	SS
ax_HE4											
Freq. (MHz)		RU Config	Avg. C Pov	ver	Total Output	Power	G	tenna Gain	EIRP (dBm)	Limit	RES
	, 	-	CH 0	CH 1	(dB		•	dBi)	· ·		
2422		full	14.26	13.95	18.1			5.95	24.10	36	P/
2427	MCS0	full	14.86	14.64	18.7	79	5	5.95	24.74	36	PA

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15.29

14.75

14.29

7.88

5.91

full

full

full

full

full

14.95

14.63

13.98

7.65

5.62

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19.16

18.73

18.18

11.81

9.81

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25.11

24.68

24.13

17.76

15.76

36

36

36

36

36

5.95

5.95

5.95

5.95

5.95

PASS

PASS

PASS

PASS

PASS



WLAN for TB

802.11	lb Ch0						
СН	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	1	18.68	2.96	21.64	36	PASS
2	2417	1	19.43	2.96	22.39	36	PASS
6	2437	1	19.61	2.96	22.57	36	PASS
10	2457	1	19.43	2.96	22.39	36	PASS
11	2462	1	19.37	2.96	22.33	36	PASS
12	2467	1	14.60	2.96	17.56	36	PASS
13	2472	1	9.02	2.96	11.98	36	PASS
302.11	b Ch1						
СН	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	1	18.55	2.94	21.49	36	PASS
1 2	2412 2417	1 1	18.55 18.93	2.94 2.94	21.49 21.87	36 36	PASS PASS
2	2417	1	18.93	2.94	21.87	36	PASS
2 6	2417 2437	1 1	18.93 19.12	2.94 2.94	21.87 22.06	36 36	PASS PASS
2 6 10	2417 2437 2457	1 1 1	18.93 19.12 18.94	2.94 2.94 2.94	21.87 22.06 21.88	36 36 36	PASS PASS PASS

802.11b 2TX

СН	Freq.	Data	-	Dutput wer	Total Avg. Output Power	Antenna Gain	EIRP	Limit	RESULT
	(MHz)	Rate	CH 0	CH 1	(dBm)	(dBi)	(dBm)	(dBm)	
1	2412	1	18.75	18.42	21.79	5.96	27.75	36	PASS
2	2417	1	19.10	18.76	22.13	5.96	28.09	36	PASS
6	2437	1	19.25	18.82	22.24	5.96	28.20	36	PASS
10	2457	1	19.18	19.12	22.35	5.96	28.31	36	PASS
11	2462	1	19.16	18.95	22.26	5.96	28.22	36	PASS
12	2467	1	14.72	14.39	17.76	5.96	23.72	36	PASS
13	2472	1	8.82	8.75	11.99	5.96	17.95	36	PASS

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СН	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	6	14.35	2.96	17.31	36	PASS
2	2417	6	14.45	2.96	17.41	36	PASS
6	2437	6	17.89	2.96	20.85	36	PASS
10	2457	6	16.05	2.96	19.01	36	PASS
11	2462	6	12.69	2.96	15.65	36	PASS
12	2467	6	12.09	2.96	15.05	36	PASS
13	2472	6	6.72	2.96	9.68	36	PASS
802.11	g Ch1			1	1	I	1
СН	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESUL
1	2412	6	14.23	2.94	17.17	36	PASS
2	2417	6	14.25	2.94	17.19	36	PASS
6	2437	6	18.31	2.94	21.25	36	PASS
10	2457	6	15.98	2.94	18.92	36	PASS
11	2462	6	12.56	2.94	15.50	36	PASS
	2467	6	11.96	2.94	14.90	36	PASS
12					10.12	36	PASS

••=											
СН	Freq. (MHz)	Data Rate	-	Dutput wer	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit (dBm)	RESULT		
	(nate	CH 0	CH 1	(dBm)	(dBi)	(abiii)	(abiii)			
1	2412	6	14.39	14.25	17.43	5.96	23.39	36	PASS		
2	2417	6	14.35	14.14	17.36	5.96	23.32	36	PASS		
6	2437	6	18.07	17.78	21.04	5.96	27.00	36	PASS		
10	2457	6	16.27	15.80	19.15	5.96	25.11	36	PASS		
11	2462	6	12.73	12.51	15.73	5.96	21.69	36	PASS		
12	2467	6	12.03	11.95	15.10	5.96	21.06	36	PASS		
13	2472	6	7.02	6.85	10.05	5.96	16.01	36	PASS		

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СН	Freq. (MHz)		ata ate	-	Output r (dBm)	Antenr Gain (dBi)		EIRP (dBm)	Limit (dBm)	RESU	ILT
1	2412	MC	S0	14	4.30	2.96		17.26	36	PAS	S
2	2417	MC	S0	15	5.36	2.96		18.32	36	PAS	S
6	2437	MC	S0	17	7.79	2.96		20.75	36	PAS	S
10	2457	MC	S0	16	6.00	2.96		18.96	36	PAS	S
11	2462	MC	S0	12	2.67	2.96		15.63	36	PAS	S
12	2467	MC	S0	9	.91	2.96		12.87	36	PAS	S
13	2472	MC	S0	5	.39	2.96		8.35	36	PAS	S
802.11	ac_VHT_2	20M Ch1									
СН	Freq. (MHz)	Da Ra		-	Output er (dBm)	Anten Gain (dBi	ı	EIRP (dBm)	Limit (dBm)	RESU	JL1
1	2412	MC	S0	1	4.20	2.94		17.14	36	PAS	SS
2	2417	MC	S0	1	5.26	2.94		18.20	36	PAS	SS
6	2437	МС	S0	1	8.17	2.94		21.11	36	PAS	SS
10	2457	МС	S0	1	5.89	2.94		18.83	36	PAS	SS
11	2462	MC	S0	1	2.50	2.94		15.44	36	PAS	SS
12	2467	MC	S0	1	0.27	2.94		13.21	36	PAS	SS
13	2472	MC	S0	5	5.77	2.94		8.71	36	PAS	SS
ac VH1	20M MIM	0									

СН	Freq. (MHz)	Data Rate	•	Dutput wer	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit (dBm)	RESULT
	(101112)	Nate	CH 0	CH 1	(dBm)	(dBi)	(ubiii)	(ubiii)	
1	2412	MCS8	13.26	13.13	17.36	5.96	23.32	36	PASS
2	2417	MCS8	14.27	14.18	18.39	5.96	24.35	36	PASS
6	2437	MCS8	16.94	16.65	20.96	5.96	26.92	36	PASS
10	2457	MCS8	15.03	14.75	19.05	5.96	25.01	36	PASS
11	2462	MCS8	11.69	11.52	15.77	5.96	21.73	36	PASS
12	2467	MCS8	9.21	9.01	13.27	5.96	19.23	36	PASS
13	2472	MCS8	4.49	4.27	8.54	5.96	14.50	36	PASS



СН	Freq. (MHz)	Data Rate	-	Output er (dBm)	Antenna Gain (dBi)	EIRP (dBm)	-	RESULT
3	2422	MCS0	1	3.28	2.96	16.24	36	PASS
4	2427	MCS0	1	5.70	2.96	18.66	36	PASS
6	2437	MCS0	1	6.06	2.96	19.02	36	PASS
8	2447	MCS0	1	3.24	2.96	16.20	36	PASS
9	2452	MCS0	14	4.67	2.96	17.63	36	PASS
10	2457	MCS0	8	3.22	2.96	11.18	36	PASS
11	2462	MCS0	6	6.25	2.96	9.21	36	PASS
02.11	ac_VHT_40	M Ch1			Antenn	•		
СН	Freq. (MHz)	Data Rate	-	. Output er (dBm)	Gain (dBi)	EIRP (dBm		RESULT
3	2422	MCS0	1	3.15	2.94	16.09	36	PASS
4	2427	MCS0	1	3.58	2.94	16.52	36	PASS
6	2437	MCS0	1	6.35	2.94	19.29	36	PASS
8	2447	MCS0	1	3.04	2.94	15.98	36	PASS
9	2452	MCS0	1	2.57	2.94	15.51	36	PASS
10	2457	MCS0	1	8.55	2.94	11.49	36	PASS
11	2462	MCS0		6.57	2.94	9.51	36	PASS
						1	1	I

сн	Freq. (MHz)	Data Rate		wer	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit (dBm)	RESULT
	0400	MCCQ	CH 0	CH 1	(dBm)	(dBi)	00.40	20	
3	2422	MCS8	11.47	11.32	16.44	5.96	22.40	36	PASS
4	2427	MCS8	11.99	11.67	16.87	5.96	22.83	36	PASS
6	2437	MCS8	14.09	13.91	19.04	5.96	25.00	36	PASS
8	2447	MCS8	11.35	11.06	16.25	5.96	22.21	36	PASS
9	2452	MCS8	10.86	10.53	15.74	5.96	21.70	36	PASS
10	2457	MCS8	6.59	6.35	11.51	5.96	17.47	36	PASS
11	2462	MCS8	5.68	5.34	10.55	5.96	16.51	36	PASS



11

12

13

2462

2467

2472

MCS0

MCS0

MCS0

full

full

full

	802.11	ax_HE_2	OM Ch0									
	СН	Freq. (MHz)	Data Rate	RU Config	-	Output r (dBm)	Anten Gaiı (dBi	n	EIRP (dBm)	Limit	RESU	LT
	1	2412	MCS0	full	14	4.95	2.96	5	17.91	36	PAS	S
	2	2417	MCS0	full	16	6.58	2.96	6	19.54	36	PAS	S
	6	2437	MCS0	full	17	7.89	2.96	6	20.85	36	PAS	S
	10	2457	MCS0	full	16	5.33	2.96	6	19.29	36	PAS	S
	11	2462	MCS0	full	14	4.29	2.96	6	17.25	36	PAS	S
	12	2467	MCS0	full	10).12	2.96	6	13.08	36	PAS	S
	13	2472	MCS0	full	5	.45	2.96	5	8.41	36	PAS	S
	802.11a	ax_HE_20	M Ch1									
	СН	Freq.	Data	RU	-	Output	Anter Gai		EIRP	Limi	t RESL	ILT
		(MHz)	Rate	Config	Powe	er (dBm)	(dB		(dBm)		
	1	2412	MCS0	full	1	4.83	2.9	4	17.77	36	PAS	S
	2	2417	MCS0	full	1	6.41	2.9	4	19.35	36	PAS	S
	6	2437	MCS0	full	1	8.32	2.9	4	21.26	36	PAS	S
	10	2457	MCS0	full	1	6.16	2.9	4	19.10	36	PAS	S
	11	2462	MCS0	full	1	4.18	2.9	4	17.12	36	PAS	S
	12	2467	MCS0	full	1	0.55	2.9	4	13.49	36	PAS	S
	13	2472	MCS0	full	Ę	5.95	2.9	4	8.89	36	PAS	S
2.11	ax_HE2											
	Freq.	Data	RU	Avg. C)utput	Total	Avg.	An	tenna	EIRP		
H	(MHz)	Rate	Config	Ρον	wer	Output	Power	G	iain	(dBm)	Limit	RESUL
		Rale	Conng	CH 0	CH 1	(dB	m)	(0	dBi)	(ubiii)		
	2412	MCS0	full	14.79	14.58	18.1	10	5	5.96	24.06	36	PASS
	2417	MCS0	full	16.31	16.12	19.6	63	5	5.96	25.59	36	PASS
	2437	MCS0	full	17.91	17.82	21.2	28	5	5.96	27.24	36	PASS
)	2457	MCS0	full	16.14	15.86	19.4	11	5	5.96	25.37	36	PASS
								-				

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14.24

9.91

5.49

13.81

9.68

5.29

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17.44

13.21

8.80

5.96

5.96

5.96

23.40

19.17

14.76

36

36

36

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PASS

PASS

PASS



802.1

802.11	lax_HE_4	0M Ch0								
СН	Freq. (MHz)	Data Rate	RU Config	•	Output r (dBm)	Anten Gair (dBi	า	EIRP (dBm)	Limit	RESULT
3	2422	MCS0	full	13	3.77	2.96)	16.73	36	PASS
5	2422	10030	242/61	1	.03	2.96)	3.99	36	PASS
4	2427	MCS0	full	12	2.82	2.96)	15.78	36	PASS
6	2437	MCS0	full	16	6.25	2.96	;	19.21	36	PASS
8	2447	MCS0	full	12	2.02	2.96	j	14.98	36	PASS
9	2452	MCS0	full	11	.60	2.96	;	14.56	36	PASS
10	2457	MCS0	full	8	.61	2.96	;	11.57	36	PASS
11	2462	MCS0	full	6	.56	2.96	;	9.52	36	PASS
302.11	ax_HE_40	M Ch1								
СН	Freq. (MHz)	Data Rate	RU Config	-	Output er (dBm)	Anter Gai (dB	n	EIRP (dBm)	Limit	RESUL
2	0400	MOOD	full	1	3.68	2.94	4	16.62	36	PASS
3	2422	MCS0	242/61	1	.03	2.94	4	3.97	36	PASS
4	2427	MCS0	full	1:	2.75	2.94	4	15.69	36	PASS
6	2437	MCS0	full	1	6.56	2.94	4	19.50	36	PASS
8	2447	MCS0	full	1	1.92	2.94	4	14.86	36	PASS
9	2452	MCS0	full	1	1.48	2.94	4	14.42	36	PASS
10	2457	MCS0	full	g	9.01	2.94	4	11.95	36	PASS
11	2462	MCS0	full	6	6.98	2.94	4	9.92	36	PASS
x_HE4)								
Freg.	Data	RU	Avg. O	utput	Total	Avg.	Ant	tenna	EIRP	

СН	Freq. (MHz)	Data Rate	RU Config	Avg. C Pov)utput wer	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit	RESULT
	(11112)	Nate	comig	CH 0	CH 1	(dBm)	(dBi)	(ubiii)		
3	2422	MCS0	full	12.89	12.73	16.85	5.96	22.81	36	PASS
5	2422	10000	242/61	0.00	0.00	4.04	5.96	10.00	36	PASS
4	2427	MCS0	full	11.96	11.82	15.93	5.96	21.89	36	PASS
6	2437	MCS0	full	15.29	14.95	19.16	5.96	25.12	36	PASS
8	2447	MCS0	full	11.21	11.02	15.16	5.96	21.12	36	PASS
9	2452	MCS0	full	10.80	10.52	14.70	5.96	20.66	36	PASS
10	2457	MCS0	full	7.88	7.65	11.81	5.96	17.77	36	PASS
11	2462	MCS0	full	5.91	5.62	9.81	5.96	15.77	36	PASS

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7 RADIATED BANDEDGE AND SPURIOUS EMISSION MEASUREMENT

7.1 Standard Applicable

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. In addition, radiated emissions which fall in the restricted bands must also comply with the §15.209 and RSS-Gen §8.9 Table 5 and 6 limit as below.

And according to §15.33(a) (1) & RSS-Gen §6.13.2.a for an intentional radiator operates below 10GHz, the frequency range of measurements: to the tenth harmonic of the highest fundamental frequency or to 40GHz, whichever is lower.

Frequency (MHz)	Field strength (microvolts/meter)	Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Note:

1. The lower limit shall apply at the transition frequencies.

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7.2 Measurement Equipment Used:

	Radiated	Emission Test	Site: SAC C		
EQUIPMENT TYPE	MFR	MODEL NUM- BER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Broadband Antenna	SCHWARZBECK	VULB 9168	9168-300	10/19/2021	10/18/2022
Horn Antenna	SCHWARZBECK	BBHA9170	185	08/06/2021	08/05/2022
Horn Antenna	SCHWARZBECK	BBHA9120D	1187	01/06/2022	01/05/2023
Loop Antenna	ETS.LINDGREN	6502	143303	05/07/2021	05/06/2022
EMI Test Receiver	R&S	ESU 40	100363	04/28/2021	04/27/2022
Pre-Amplifier	EMC Instruments	EMC330	980096	11/18/2021	11/17/2022
Pre-Amplifier	EMC Instruments	EMC0011830	980199	11/18/2021	11/17/2022
Pre-Amplifier	EMC Instruments	EMC184045B	980135	10/27/2021	10/26/2022
Attenuator	Marvelous	WATT-218FS- 10	RF20	11/18/2021	11/17/2022
Band Rejection Filter	Micro-Tronics	BRM50701-01	RF201	11/18/2021	11/17/2022
Coaxial Cable	Huber Suhner	SUCOFLEX 104	MY17388/4	11/18/2021	11/17/2022
Coaxial Cable	Huber Suhner	RG 214/U	W22.03	11/18/2021	11/17/2022
Test Software	audix	e3	20923 sgs Ver.9	N.C.R	N.C.R
Notebook	Lenovo	L440	P0000367	N/A	N/A

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	Radiated	Emission Test	Site: SAC D		
EQUIPMENT TYPE	MFR	MODEL NUM- BER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Horn Antenna	Schwarzbeck	BBHA9170	185	08/06/2021	08/05/2022
Horn Antenna	Schwarzbeck	BBHA9120D	1341	06/04/2021	06/03/2022
3m Site NSA	SGS	966 chamber D	N/A	07/12/2021	07/11/2022
Test Software	audix	e3	E3 20923 SGS Ver.9 (C)	N.C.R	N.C.R
Spectrum Analyzer	KEYSIGHT	N9010A	MY57120200	03/22/2021	03/21/2022
Pre-Amplifier	EMC Instruments	EMC184045B	980135	10/27/2021	10/26/2022
Pre-Amplifier	EMC Instruments	EMC9135	980234	11/18/2021	11/17/2022
Pre-Amplifier	EMC Instruments	EMC12630SE	980273	11/18/2021	11/17/2022
Coaxial Cable	Huber+Suhner	RG 214/U	W21.01	11/18/2021	11/17/2022
Coaxial Cable	Huber Suhner	EMC106-SM- SM-7200	150703	11/18/2021	11/17/2022
Coaxial Cable	Huber Suhner	SUCOFLEX 104	MY17413/4	11/18/2021	11/17/2022
Attenuator	Marvelous	WATT-218FS- 10	RF17	11/18/2021	11/17/2022
Lowpass Filter	Woken	EWT-56-0019	RF173	11/18/2021	11/17/2022
High Pass Filter	R&S	F13 HPF 3GHz	RF175	11/18/2021	11/17/2022
Band Rejection Filter	Micro-Tronics	BRM50701-01	RF201	11/18/2021	11/17/2022

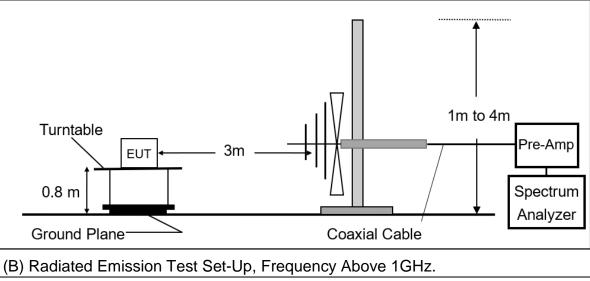
NOTE: N.C.R refers to Not Calibrated Required.

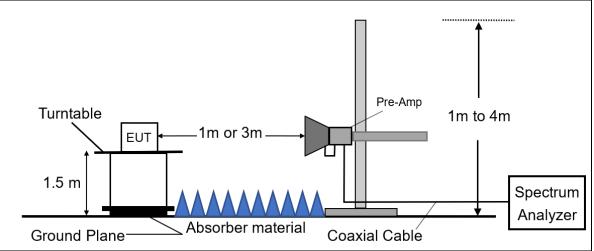
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7.3 Test SET-UP

(A) Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz.





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7.4 Measurement Procedure

- 1. The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance.
- 2. The EUT was placed on a turn table with 0.8m for frequency< 1GHz and 1.5m for frequency> 1GHz above ground plane.
- 3. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
- 4. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
- 5. When measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.
- 6. Set the spectrum analyzer as RBW=100 kHz and VBW=300 kHz for Peak Detector (PK) at frequency between 30MHz and 1 GHz.
- 7. Use receiver mode as RBW=120 kHz for Quasi-peak (QP) at frequency between 30MHz and 1 GHz.
- 8. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz for Peak Detector at frequency above 1 GHz.
- 9. Set the spectrum analyzer as RBW=1 MHz, VBW=10 Hz (Duty cycle > 98%) or VBW ≥ 1/T (Duty cycle < 98%) for Average Detector at frequency above 1 GHz.
- 10. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- 11. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 12. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. On spectrum, change spectrum mode in linear display mode, and reduce VBW = 10Hz if average reading is measured.
- 13. Repeat above procedures until all default test channel measured were complete.

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7.5 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CL - AG

Where FS = Field Strength

CL = Cable Attenuation Factor (Cable Loss) AG = Amplifier Gain

AF = Antenna Factor

RA = Reading Amplitude

The limit of the emission level is expressed in dBuV/m, which converts 20*log(uV/m)

Actual FS(dB μ V/m) = SPA. Reading level(dB μ V) + Factor(dB) Factor(dB) = Antenna Factor(dB μ V/m) + Cable Loss(dB) – Pre_Amplifier Gain(dB)

7.6 Test Results of Radiated Spurious Emissions from 9 kHz to 30 MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit per 15.31(o) & RSS-GEN §6.13.2 was not reported.

7.7 Measurement Result

Note:

- 1. Refer to next page spectrum analyzer data chart and tabular data sheets.
- 2. Measurements are completed at peak and average level, the mark of average is the highest emission in restricted bands

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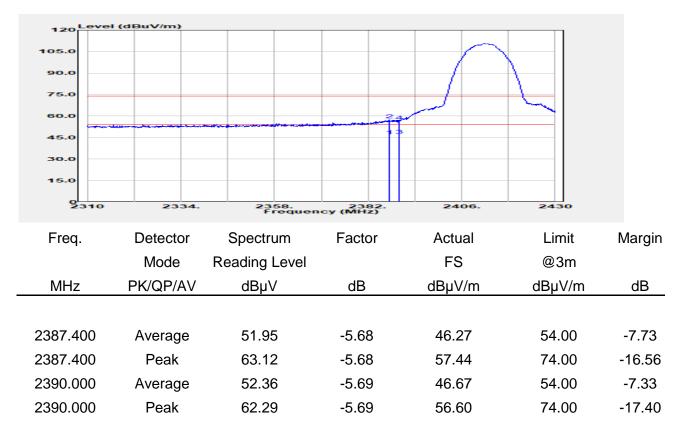
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7.7.1 Radiated Band Edge Measurement Result

Report Number	:E2/2022/10059	Test Site	:SAC D
Operation Mode	:802.11b	Test Date	:2022-01-19
Test Frequency	:2412 MHz	Temp./Humi.	:19.8/64
Test Mode	:BE CH LOW	Antenna Pol.	:Vertical
EUT Pol	:NB Plane	Engineer	:Jack Tseng



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Report Number Operation Mode Test Frequency Test Mode	:E2/2022/1 :802.11b :2412 MHz :BE CH LC	2		Test Site Test Date Temp./Humi. Antenna Pol.	:SAC D :2022-01-19 :19.8/64 :Horizontal	
EUT Pol	:NB Plane			Engineer	:Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92310	1BuV/m)	2358. Frequen	2382. cy (MHz)	2405.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2388.360	Average	48.52	-5.68	42.84	54.00	-11.16
2388.360	Peak	60.56	-5.68	54.87	74.00	-19.13
2390.000	Average	48.33	-5.69	42.64	54.00	-11.36
2390.000	Peak	59.32	-5.69	53.63	74.00	-20.37

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Report Number Operation Mode Test Frequency Test Mode	:E2/2022/10059 :802.11b :2417 MHz :BE CH 2		Test Site Test Date Temp./Humi. Antenna Pol.	:SAC D :2022-01-19 :19.8/64 :Vertical	
EUT Pol	:NB Plane		Engineer	:Jack Tseng	
120	BuV/m)				
90.0			/		
75.0				$- \pm$	
60.0 45.0					
30.0					
15.0					
9 2310	2334. 2358.	2382 ency (MHz)	. 2406.	2430	
Frag			Actual	Limit	Morain
Freq.	Detector Spectrum	Factor			Margin
	Mode Reading Level		FS	@3m	10
MHz F	PK/QP/AV dBµV	dB	dBµV/m	dBµV/m	dB
2389.320	Average 50.62	-5.69	44.93	54.00	-9.07
2389.320	Peak 62.49	-5.69	56.80	74.00	-17.20
2390.000	Average 51.15	-5.69	45.46	54.00	-8.54
2390.000	Peak 62.86	-5.69	57.17	74.00	-16.83



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11b :2417 MHz :BE CH 2 :NB Plane			Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-19 :19.8/64 :Horizontal :Jack Tseng	
120 Level (105.0 90.0 75.0 60.0 45.0 30.0 15.0 92310	1BuV/m)	2358. Frequen	2382. cy (MHz)	2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2389.440	Average	50.63	-5.69	44.94	54.00	-9.06
2389.440	Peak	61.76	-5.69	56.07	74.00	-17.93
2390.000	Average	50.71	-5.69	45.01	54.00	-8.99
2390.000	Peak	61.91	-5.69	56.21	74.00	-17.79



:802.11b :2457 MHz	2		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-19 :19.8/64 :Vertical :Jack Tseng	
2470.	2490. Frequent	2510. cy (MH2)	2530.	2550	
Detector	Spectrum	Factor	Actual	Limit	Margin
Mode	Reading Level		FS	@3m	
PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
Average Peak Average Peak	49.56 59.47 49.56 61.68	-5.94 -5.94 -5.94 -5.94	43.62 53.53 43.61 55.74	54.00 74.00 54.00 74.00	-10.38 -20.47 -10.39 -18.26
	:802.11b :2457 MHz :BE CH 10 :NB Plane	:2457 MHz :BE CH 10 :NB Plane	:802.11b :2457 MHz :BE CH 10 :NB Plane	:802.11b Test Date :2457 MHz Temp./Humi. :BE CH 10 Antenna Pol. :NB Plane Engineer	Test Date : $2022-01-19$:2457 MHzTemp./Humi. : $19.8/64$:BE CH 10Antenna Pol. : Vertical:NB PlaneEngineer:Jack Tseng



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/ :802.11b :2457 MH :BE CH 10 :NB Plane	z)		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-19 :19.8/64 :Horizontal :Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	1BuV/m)	2490. Frequen	2510. cy (MHz)	2530.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2499.700 2499.700	Average Peak Average Peak	46.76 58.64 46.33 59.88	-5.94 -5.94 -5.99 -5.99	40.82 52.70 40.35 53.89	54.00 74.00 54.00 74.00	-13.18 -21.30 -13.65 -20.11



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/ [/] :802.11b :2462 MH :BE CH H :NB Plane	z IGH		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-19 :19.8/64 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	BuV/m)	2490. Frequen	2510. cy (MHZ)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2486.100 2486.100	Average Peak Average Peak	50.91 62.56 51.35 62.39	-5.94 -5.94 -5.95 -5.95	44.97 56.62 45.41 56.45	54.00 74.00 54.00 74.00	-9.03 -17.38 -8.59 -17.55



Report Number	:E2/2022/	10059		Test Site	:SAC D	
Operation Mode	:802.11b			Test Date	:2022-01-19	
Test Frequency	:2462 MH	z		Temp./Humi.	:19.8/64	
Test Mode	:BE CH H	IGH		Antenna Pol.	:Horizontal	
EUT Pol	:NB Plane			Engineer	:Jack Tseng	
120 Level (0 105.0 90.0 75.0	IBuV/m)					
45.0		S S S S S S S S S S S S S S S S S S S	the set of		and a star bar and a star and a star a st	
30.0						
15.0						
2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Erog	Detector	-	Factor	Actual	Limit	Morgin
Freq.	Mode	Spectrum Booding Loval	Facioi	FS	@3m	Margin
		Reading Level	dD		_	٩D
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	51.46	-5.94	45.52	54.00	-8.48
2483.500	Peak	61.98	-5.94	56.04	74.00	-17.96
2483.600	Average	51.64	-5.94	45.70	54.00	-8.30
2483.600	Peak	63.56	-5.94	57.61	74.00	-16.39



Report Number Operation Mode Test Frequency Test Mode	:E2/2022/10059 :802.11b :2467 MHz :BE CH 12	Test Site Test Date Temp./Hum Antenna Po	l. :Vertical	
EUT Pol	:NB Plane	Engineer	:Jack Tseng	
120 Level (d) 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	BuV/m)	2510. 25 2510. 25		
Freq.	Detector Spectrum	Factor Actu	al Limit	Margin
Fleq.	Mode Reading Level	Factor Actu		Margin
MHz F	PK/QP/AV dBµV	dB dBµV	/m dBµV/m	dB
2483.500	Average 54.96 Peak 64.56 Average 55.31	-5.94 49.0 -5.94 58.6 -5.94 49.3	2 74.00	-4.98 -15.38 -4.63
2483.700	Peak 64.47	-5.94 58.5	3 74.00	-15.47



Report Number	:E2/2022/1	0059	Т	Fest Site	:SAC D	
Operation Mode	:802.11b		Т	Fest Date	:2022-01-20	
Test Frequency	:2467 MHz		Т	Гетр./Humi.	:19.8/62	
Test Mode	:BE CH 12		A	Antenna Pol.	:Horizontal	
EUT Pol	:NB Plane		E	Engineer	:Jack Tseng	
120 Level (d	BuV/m)					
105.0						
90.0	$ \land \land$					
75.0	$ \rightarrow $					
60.0		high				
45.0		-3 Contraction				
30.0						
15.0						
2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	53.99	-5.94	48.05	54.00	-5.95
2483.500	Peak	63.21	-5.94	57.27	74.00	-16.73
2484.600	Average	54.29	-5.94	48.35	54.00	-5.65
2484.600	Peak	63.62	-5.94	57.67	74.00	-16.33

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



Report Number Operation Mode	:E2/2022/10 :802.11b	0059		Test Site Test Date	:SAC D :2022-01-20	
Test Frequency	:2472 MHz			Temp./Humi.	:19.8/62	
Test Mode	:BE CH 13			Antenna Pol.	:Vertical	
EUT Pol	:NB Plane			Engineer	:Jack Tseng	
120 Level (105.0 90.0 75.0 60.0	IBuV/m)					
45.0 30.0 15.0 2450	2470.	2490.	2510. cv (MHz)	2530.	2550	
E	Detector	Frequen		Astes	L instit	Manaia
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	53.31	-5.94	47.37	54.00	-6.63
2483.500	Peak	61.91	-5.94	55.97	74.00	-18.03
2484.400	Average	55.29	-5.94	49.35	54.00	-4.65
2484.400	Peak	64.16	-5.94	58.22	74.00	-15.78

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Report Number Operation Mode Test Frequency	:2472 MHz		Test Site Test Date Temp./Humi.	:SAC D :2022-01-20 :19.8/62	
Test Mode	:BE CH 13		Antenna Pol.	:Horizontal	
EUT Pol	:NB Plane		Engineer	:Jack Tseng	
120 Level (105.0 90.0 75.0 60.0 45.0 30.0 15.0 9450	2470. 2	490. 2510. Frequency (MHz)	3	2550	
Freq.	Detector Spect	rum Factor	Actual	Limit	Margin
	Mode Reading	Level	FS	@3m	-
MHz	PK/QP/AV dBµ	V dB	dBµV/m	dBµV/m	dB
2483.500	Average 47.2	-5.94	41.29	54.00	-12.71
2483.500	Peak 60.6	6 -5.94	54.72	74.00	-19.28
2517.900	Average 46.2	-5.89	40.26	54.00	-13.74
2517.900	Peak 60.2	-5.89	54.27	74.00	-19.73

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Report Number Operation Mode Test Frequency Test Mode	:E2/2022/10059 :802.11g :2412 MHz :BE CH LOW	Test Site Test Date Temp./Humi. Antenna Pol.		
EUT Pol	:NB Plane	Engineer	:Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2310	2334. 2358. Freque	A 406 Pancy (MH2)	. 2430	
Freq.	Detector Spectrum	Factor Actual	Limit	Margin
	Mode Reading Level	FS	@3m	
MHz	PK/QP/AV dBµV	dB dBµV/n	n dBµV/m	dB
2389.920	Average 53.46	-5.69 47.77	54.00	-6.23
2389.920	Peak 77.37	-5.69 71.68	74.00	-2.32
2390.000	Average 53.47	-5.69 47.78	54.00	-6.22
2390.000	Peak 77.29	-5.69 71.60	74.00	-2.40



Report Number	:E2/2022/10059	Test Site	:SAC D	
Operation Mode	:802.11g	Test Date	:2022-01-20	
Test Frequency	:2412 MHz	Temp./Humi.	:19.8/62	
Test Mode	:BE CH LOW	Antenna Pol.	:Horizontal	
EUT Pol	:NB Plane	Engineer	:Jack Tseng	
120 Level (d	iBuV/m)			
105.0				
90.0				
75.0			ha	
60.0		~~~~		
45.0				
30.0				
15.0				
2310	2334. 2358. Frequ	2382. 2406 iency (MHz)	. 2430	
Freq.	Detector Spectrum	Factor Actual	Limit	Margin
	Mode Reading Leve	el FS	@3m	
MHz	PK/QP/AV dBµV	dB dBµV/m	dBµV/m	dB
2389.920	Average 48.99	-5.69 43.30	54.00	-10.70
2389.920	Peak 74.09	-5.69 68.40	74.00	-5.60
2390.000	Average 48.89	-5.69 43.20	54.00	-10.80
2390.000	Peak 74.34	-5.69 68.65	74.00	-5.35

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/ :802.11g :2417 MH :BE CH 2 :NB Plane	Z		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-20 :19.8/62 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92310	2334.	2358. Frequen	2382. cy (MHz)	2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2388.120 2388.120	Average Peak	55.12 72.72	-5.68 -5.68	49.44 67.03	54.00 74.00	-4.56 -6.97
2390.000 2390.000	Average Peak	55.00 71.40	-5.69 -5.69	49.31 65.71	54.00 74.00	-4.69 -8.29
2000.000	roun	71.10	0.00	00.71	74.00	0.20



Report Number	:E2/2022/	10059	7	Test Site	:SAC D	
Operation Mode	:802.11g		Ţ	Test Date	:2022-01-20	
Test Frequency	:2417 MH	z	٦	Temp./Humi.	:19.8/62	
Test Mode	:BE CH 2		ŀ	Antenna Pol.	:Horizontal	
EUT Pol	:NB Plane)	E	Engineer	:Jack Tseng	
120 Level (1BuV/m)					
105.0					\sim	
90.0				- /	\rightarrow	
75.0						
60.0	Louis margine hand	man warmen and man	$\sim\sim$	•¥ 3		
45.0						
30.0						
15.0						
2310	2334.	2358. Frequen	2382. icy (MHz)	2406	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2387.880	Average	54.38	-5.68	48.70	54.00	-5.30
2387.880	Peak	70.57	-5.68	64.88	74.00	-9.12
2390.000	Average	55.01	-5.69	49.32	54.00	-4.68
2390.000	Peak	66.87	-5.69	61.18	74.00	-12.82

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1 :802.11g :2457 MHz :BE CH 10 :NB Plane	<u>z</u>)	Te Te Ar	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC D :2022-01-20 :19.8/62 :Vertical :Jack Tseng	
	dBuV/m)					
75.0 60.0 45.0 30.0		Mark Connection				
15.0 0 2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	55.69	-5.94	49.75	54.00	-4.25
2483.500	Peak	70.22	-5.94	64.27	74.00	-9.73
2484.100	Average	55.75	-5.94	49.80	54.00	-4.20
2484.100	Peak	72.10	-5.94	66.16	74.00	-7.84



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/100 :802.11g :2457 MHz :BE CH 10 :NB Plane	59		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-20 :19.8/62 :Horizontal :Jack Tseng	
120 Level (di 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					
2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode Re	ading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	48.87 65.74	-5.94 -5.94	42.93 59.80	54.00 74.00	-11.07 -14.20



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11g :2462 MHz :BE CH HIC :NB Plane		Т Т А	est Site est Date emp./Humi. ntenna Pol. Engineer	:SAC D :2022-01-20 :19.8/62 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	BuV/m)	2490. Frequent	2510. cy (MHz)	2530.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Reading Level		FS	@3m	
MHz I	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2484.200 2484.200	Average Peak Average Peak	55.76 71.82 55.31 73.14	-5.94 -5.94 -5.94 -5.94	49.82 65.88 49.37 67.19	54.00 74.00 54.00 74.00	-4.18 -8.12 -4.63 -6.81



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11g :2462 MHz :BE CH HIC :NB Plane			Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-20 :19.8/62 :Horizontal :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	BuV/m)	2490. Frequen	2510. cy (MHz)	2530.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Reading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2484.200 2484.200	Average Peak Average Peak	48.68 63.94 47.29 65.57	-5.94 -5.94 -5.94 -5.94	42.73 58.00 41.35 59.63	54.00 74.00 54.00 74.00	-11.27 -16.00 -12.65 -14.37



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1 :802.11g :2467 MHz :BE CH 12 :NB Plane	<u>z</u>	ר ר ע	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2022-01-13 :20.2/47 :Vertical :Andy Wang	
110 Level (d 96.3 82.5 68.8 55.0 41.3 27.5 13.8 92450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2484.500	Average Peak Average	42.45 55.81 42.35	-4.65 -4.65 -4.65	37.80 51.16 37.70	54.00 74.00 54.00	-16.20 -22.84 -16.30
2484.500	Peak	55.87	-4.65	51.21	74.00	-22.79



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/ [,] :802.11g :2467 MH: :BE CH 12 :NB Plane	Z 2		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2022-01-13 :20.2/47 :Horizontal :Andy Wang	
110 Level (96.3 82.5 68.8 55.0 41.3 27.5 13.8 92450	2470.	2490. Frequen	2510. cy (MHZ)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2485.000 2485.000	Average Peak Average Peak	36.62 49.18 36.68 49.29	-4.65 -4.65 -4.65 -4.65	31.97 44.53 32.03 44.64	54.00 74.00 54.00 74.00	-22.03 -29.47 -21.97 -29.36

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Report Number	:E2/2022/1005	59	Te	est Site	:SAC C	
Operation Mode	:802.11g		Te	est Date	:2022-01-13	
Test Frequency	:2472 MHz		Te	emp./Humi.	:20.2/47	
Test Mode	:BE CH 13		Ar	ntenna Pol.	:Vertical	
EUT Pol	:NB Plane		Er	ngineer	:Andy Wang	
110 Level (d	BuV/m)					
96.3						
82.5	m					
68.8	1					
55.0	Į	han.				
41.3		and a second second				
27.5						
13.8						
0L 2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector S	Spectrum	Factor	Actual	Limit	Margin
	Mode Rea	ading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	42.88	-4.65	38.23	54.00	-15.77
2483.500	Peak	59.01	-4.65	54.36	74.00	-19.64

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11g :2472 MHz :BE CH 13 :NB Plane	0059	Te Te Ar	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC C :2022-01-13 :20.2/47 :Horizontal :Andy Wang	
110 Level (d 96.3 82.5 68.8 55.0 41.3 27.5 13.8 9450	2470.	2490. Frequen	2510. CY (MH2)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
•	Mode	Reading Level		FS	@3m	<u> </u>
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	37.96 52.97	-4.65 -4.65	33.31 48.32	54.00 74.00	-20.69 -25.68



Report Number Operation Mode Test Frequency Test Mode	:E2/2022/10059 :802.11ac20 :2412 MHz :BE CH LOW	Test Site Test Date Temp./Humi. Antenna Pol.	:SAC D :2022-01-19 :19.8/64 :Vertical
EUT Pol	:NB Plane	Engineer	:Jack Tseng
120 Level (d	IBuV/m)		
90.0			
75.0			have
60.0	and a second from	munim	
45.0		B	
30.0			
15.0			
2310	2334. 2358 Free	2382. 2406 juency (MHz)	. 2430
Freq.	Detector Spectrum	Factor Actual	Limit Margin
	Mode Reading Le	vel FS	@3m
MHz	PK/QP/AV dBµV	dB dBµV/m	n dBµV/m dB
2389.680	Average 54.64	-5.69 48.95	54.00 -5.05
2389.680	Peak 77.15	-5.69 71.46	74.00 -2.54
2390.000	Average 52.20	-5.69 46.51	54.00 -7.49
2390.000	Peak 76.74	-5.69 71.05	74.00 -2.95



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10059 :802.11ac20 :2412 MHz :BE CH LOW :NB Plane	Test Site Test Date Temp./Humi. Antenna Pol. Engineer		
	IBuV/m)			
90.0		a A BAMAN	- m	
60.0 45.0 30.0		water		
15.0 2310	2334. 2358. Frequ	2382. 2406 ency (MHz) 2406	3. 2430	
Freq.	DetectorSpectrumModeReading Leve	Factor Actual FS	Limit @3m	Margin
MHz	PK/QP/AV dBµV	dB dBµV/r	n dBµV/m	dB
2389.680	Average 53.95	-5.69 48.26		-5.74
2389.680	Peak 77.54	-5.69 71.85	74.00	-2.15
2390.000	Average 54.16	-5.69 48.47	54.00	-5.53
2390.000	Peak 76.44	-5.69 70.75	74.00	-3.25



Report Number Operation Mode Test Frequency Test Mode	:E2/2022/10059 :802.11ac20 :2417 MHz	T T	Test Site Test Date Temp./Humi.	:SAC D :2022-01-19 :19.8/64	
	:BE CH 2		Antenna Pol.	:Vertical	
EUT Pol	:NB Plane	E	Engineer	:Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2310		2358. 2382. Frequency (MH2)	2406.	2430	
Freq.	Detector Spect	rum Factor	Actual	Limit	Margin
	Mode Reading		FS	@3m	
MHz F	PK/QP/AV dBµ		dBµV/m	dBµV/m	dB
2388.000	Average 56.2	21 -5.68	50.53	54.00	-3.47
2388.000	Peak 77.3	32 -5.68	71.64	74.00	-2.36
2390.000	Average 56.8	-5.69	51.14	54.00	-2.86
2390.000	Peak 75.4	44 -5.69	69.75	74.00	-4.25



:E2/2022/10059 :802.11ac20 :2417 MHz :BE CH 2 :NB Plane	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-19 :19.8/64 :Horizontal :Jack Tseng
BuV/m)	2382. 2405.	
Detector Spectrum	Factor Actual	Limit Margin
Mode Reading Lev	/el FS	@3m
PK/QP/AV dBµV	dB dBµV/m	dBµV/m dB
Average 50.63 Peak 73.07 Average 51.25 Peak 71.85	-5.6944.94-5.6967.39-5.6945.56-5.6966.16	54.00-9.0674.00-6.6154.00-8.4474.00-7.84
	:802.11ac20 :2417 MHz :BE CH 2 :NB Plane	:802.11ac20 Test Date :2417 MHz Temp./Humi. :BE CH 2 Antenna Pol. :NB Plane Engineer :NB Plane Image: Complexity of the second seco



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/100 :802.11ac20 :2457 MHz :BE CH 10 :NB Plane		-	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-19 :19.8/64 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0	2470.	2490.		2530.	2550	
2450	2470.	Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode R	eading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	55.68 73.88	-5.94 -5.94	49.74 67.94	54.00 74.00	-4.26 -6.06



Report Number	:E2/2022/	10059	-	Test Site	:SAC D	
Operation Mode	:802.11ac	20	-	Test Date	:2022-01-19	
Test Frequency	:2457 MH	Z	-	Temp./Humi.	:19.8/64	
Test Mode	:BE CH 10	D	1	Antenna Pol.	:Horizontal	
EUT Pol	:NB Plane)	I	Engineer	:Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	1BuV/m)	2490.		2530.		
Frog	Dotootor	Spootrum	Factor	Actual	Limit	Morgin
Freq.	Detector	Spectrum	Factor	FS	@3m	Margin
N 41 I	Mode	Reading Level			_	٩D
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	49.25 68.30	-5.94 -5.94	43.31 62.36	54.00 74.00	-10.69 -11.64
2483.700	Average	49.37	-5.94	43.43	54.00	-10.57
2483.700	Peak	71.39	-5.94	65.45	74.00	-8.55

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11ac20 :2462 MHz :BE CH HIG :NB Plane)		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-19 :19.8/64 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 15.0 92450		2490. Frequent	2510.			
Freq.	Detector Mode F	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2484.200 2484.200	Average Peak Average Peak	56.92 72.50 56.13 74.40	-5.94 -5.94 -5.94 -5.94	50.98 66.56 50.19 68.46	54.00 74.00 54.00 74.00	-3.02 -7.44 -3.81 -5.54



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1 :802.11ac2 :2462 MHz :BE CH HIG :NB Plane	20	-	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-19 :19.8/64 :Horizontal :Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	1BuV/m)	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2484.700 2484.700	Average Peak Average Peak	49.88 64.73 49.44 64.79	-5.94 -5.94 -5.94 -5.94	43.94 58.79 43.49 58.85	54.00 74.00 54.00 74.00	-10.06 -15.21 -10.51 -15.15



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1 :802.11ac :2467 MHz :BE CH 12 :NB Plane	20 z 2		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-19 :19.8/64 :Vertical :Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	2470.	2490. Frequen	2510. cy (MHz)	2530.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2484.600 2484.600	Average Peak Average Peak	50.67 62.41 50.67 62.83	-5.94 -5.94 -5.94 -5.94	44.73 56.47 44.73 56.88	54.00 74.00 54.00 74.00	-9.27 -17.53 -9.27 -17.12
2101.000	1 001	02.00	0.04	00.00	74.00	17.12



Report Number	:E2/2022/1005	59		Test Site	:SAC D	
Operation Mode	:802.11ac20			Test Date	:2022-01-19	
Test Frequency	:2467 MHz			Temp./Humi.	:19.8/64	
Test Mode	:BE CH 12			Antenna Pol.	:Horizontal	
EUT Pol	:NB Plane			Engineer	:Jack Tseng	
Level (d	BuV/m)					
120 Level (0						
90.0	m					
75.0						
60.0		.4				
45.0		-3			as pueto star pueto.	
30.0						
15.0						
2450	2470.	2490. Frequenc	2510 cy (MHz)	. 2530	2550	
Freq.	Detector S	Spectrum	Factor	Actual	Limit	Margin
	Mode Rea	ading Level		FS	@3m	· ·
MHz	PK/QP/AV	dBµV	dB	dBµV/m	n dBµV/n	n dB
2483.500	Average	49.55	-5.94	43.61	54.00	-10.39
2483.500	Peak	60.70	-5.94	54.76	74.00	-19.24
2483.800	Average	49.36	-5.94	43.42	54.00	-10.58
2483.800	Peak	62.49	-5.94	56.55	74.00	-17.45

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1005 :802.11ac20 :2472 MHz :BE CH 13 :NB Plane	59	-	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-19 :19.8/64 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 9450	2470.	2490. Frequen	2510. cy (MH2)	2530.	2550	
Freq.	Detector S	Spectrum	Factor	Actual	Limit	Margin
1104.		ading Level	1 20101	FS	@3m	margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m		dB
2483.500	Average	52.31	-5.94	46.37	54.00	-7.63
2483.500	Peak	63.75	-5.94	57.81	74.00	-16.19



Report Number Operation Mode Test Frequency	:E2/2022/10059 :802.11ac20 :2472 MHz	Test Site Test Date Temp./Hum	:SAC D :2022-01-19 i. :19.8/64	
Test Mode	:BE CH 13	Antenna Po	I. :Horizontal	
EUT Pol	:NB Plane	Engineer	:Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	1BuV/m)	Pency (MH2) 253		
Freq.	Detector Spectrum	Factor Actua	al Limit	Margin
	Mode Reading Leve	FS	@3m	
MHz	PK/QP/AV dBµV	dB dBµV/	′m dBµV/m	dB
2483.500	Average 49.80	-5.94 43.80		-10.14
2483.500	Peak 59.52	-5.94 53.5	3 74.00	-20.42
2484.900	Average 48.34	-5.94 42.4	54.00	-11.60
2484.900	Peak 60.69	-5.94 54.7	5 74.00	-19.25

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Report Number	:E2/2022/10059		Test Site	:SAC D	
Operation Mode	:802.11ac40		Test Date	:2022-01-19	
Test Frequency	:2422 MHz		Temp./Humi.	:19.8/64	
Test Mode	:BE CH LOW		Antenna Pol.	:Vertical	
EUT Pol	:NB Plane		Engineer	:Jack Tseng	
120	1BuV/m)				
105.0			~~~~	m	
90.0					
75.0			2 growt		
60.0		-	13		
45.0					
30.0					
15.0					
2310	2334.	2358. 23 Frequency (MH	82. 2406 z)	. 2430	
Freq.	Detector Spe	ectrum Facto	or Actual	Limit	Margin
	Mode Read	ing Level	FS	@3m	
MHz	PK/QP/AV d	BµV dB	dBµV/m	n dBµV/m	dB
2387.160	Average 5	3.31 -5.6	8 47.63	54.00	-6.37
2387.160	Peak 7	1.32 -5.6	8 65.64	74.00	-8.36
2390.000	Average 5	5.15 -5.6	9 49.46	54.00	-4.54
2390.000	Peak 7	0.66 -5.6	9 64.97	74.00	-9.03

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Report Number Operation Mode Test Frequency Test Mode	:E2/2022/ [/] :802.11ac/ :2422 MHz :BE CH LC	40 z DW		Test Site Test Date Temp./Humi. Antenna Pol.	:SAC D :2022-01-19 :19.8/64 :Horizontal	
EUT Pol	:NB Plane			Engineer	:Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0	1BuV/m)	2358.		2405		
		Frequen	Cy (MHZ)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2389.440 2389.440 2390.000	Average Peak Average	51.77 67.48 51.89	-5.69 -5.69 -5.69	46.08 61.79 46.20	54.00 74.00 54.00	-7.92 -12.21 -7.80
2390.000	Peak	66.53	-5.69	60.84	74.00	-13.16



Report Number	:E2/2022/1	0059		Test Site	:SAC D	
Operation Mode	:802.11ac4	40		Test Date	:2022-01-19	
Test Frequency	:2427 MHz	<u>.</u>		Temp./Humi.	:19.8/64	
Test Mode	:BE CH 4			Antenna Pol.	:Vertical	
EUT Pol	:NB Plane			Engineer	:Jack Tseng	
Level (r	BuV/m)					
120						
90.0				Г		
75.0						
60.0				and the second		
45.0		man design the set of the second	pir an apple a line and			
30.0						
15.0						
2310	2334.	2358.	2382.	2406.	2430	
	2001	Frequen	cy (MHz)		2	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2389.440	Average	52.31	-5.69	46.62	54.00	-7.38
2389.440	Peak	68.54	-5.69	62.85	74.00	-11.15
2390.000	Average	52.54	-5.69	46.85	54.00	-7.15
2390.000	Peak	69.51	-5.69	63.82	74.00	-10.18

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10059 :802.11ac40 :2427 MHz :BE CH 4 :NB Plane		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-19 :19.8/64 :Horizontal :Jack Tseng	
90.0 75.0 60.0					
45.0 30.0 15.0					
2310	2334. 2	2358. 2382 Frequency (MHz)	. 2406.	2430	
Freq.	Detector Spec Mode Reading		Actual FS	Limit @3m	Margin
MHz	PK/QP/AV dBj	μV dB	dBµV/m	dBµV/m	dB
2389.080	Average 48.	17 -5.69	42.48	54.00	-11.52
2389.080	Peak 65.	18 -5.69	59.49	74.00	-14.51
2390.000	Average 47.	70 -5.69	42.01	54.00	-11.99
2390.000	Peak 63.	46 -5.69	57.77	74.00	-16.23



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1 :802.11ac4 :2447 MHz :BE CH 8 :NB Plane	0	T T A	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC D :2022-01-19 :19.8/64 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	BuV/m)	2490. Frequen	2510. CY (MH2)	2530.		
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
2483.500 2483.500	Average Peak	54.24 70.45	-5.94 -5.94	48.30 64.51	54.00 74.00	-5.70 -9.49



Report Number	:E2/2022/	10059		Test Site	:SAC D	
Operation Mode	:802.11ac	:40		Test Date	:2022-01-19	
Test Frequency	:2447 MH	z		Temp./Humi.	:19.8/64	
Test Mode	:BE CH 8			Antenna Pol.	:Horizontal	
EUT Pol	:NB Plane)		Engineer	:Jack Tseng	
120 Level (d	IBuV/m)					
105.0						
90.0	\sim					
75.0	\rightarrow					
60.0	h	war and the second	Carbon Strangered		determine a set to set	
45.0						
30.0						
2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	48.12	-5.94	42.18	54.00	-11.82
2483.500	Peak	63.57	-5.94	57.63	74.00	-16.37
2484.000	Average	48.43	-5.94	42.49	54.00	-11.51
2484.000	Peak	63.44	-5.94	57.50	74.00	-16.50

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Report Number	:E2/2022/			Test Site	:SAC D	
Operation Mode	:802.11ac			Test Date	:2022-01-19	
Test Frequency	:2452 MH	Z		Temp./Humi.	:19.8/64	
Test Mode	:BE CH H	IGH		Antenna Pol.	:Horizontal	
EUT Pol	:NB Plane	9		Engineer	:Jack Tseng	
120 Level (d	IBuV/m)					
105.0						
90.0	m					
75.0	+					
60.0	<u></u>					
45.0						
30.0						
15.0						
2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	49.45	-5.94	43.51	54.00	-10.49
2483.500	Peak	64.36	-5.94	58.41	74.00	-15.59
2484.300	Average	49.18	-5.94	43.24	54.00	-10.76
2484.300	Peak	65.88	-5.94	59.94	74.00	-14.06

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Report Number	:E2/2022/	10059	Т	Fest Site	:SAC D	
Operation Mode	:802.11ac	:40	Т	Fest Date	:2022-01-19	
Test Frequency	:2452 MH	Z	Т	Temp./Humi.	:19.8/64	
Test Mode	:BE CH H	IGH	А	Antenna Pol.	:Vertical	
EUT Pol	:NB Plane)	E	Engineer	:Jack Tseng	
120 Level (d	IBuV/m)					
105.0						
90.0	my					
75.0						
60.0	<u>ہ</u>	- and the second second				
45.0			anderlander and a sectory of		Apres - 44 (100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100	
30.0						
15.0						
02450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Tieq.	Mode	•	T actor	FS	@3m	margin
N 41 1		Reading Level			_	10
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	54.78	-5.94	48.84	54.00	-5.16
2483.500	Peak	72.52	-5.94	66.58	74.00	-7.42
2484.500	Average	54.69	-5.94	48.75	54.00	-5.25
2484.500	Peak	72.80	-5.94	66.86	74.00	-7.14



Report Number	:E2/2022/ [,]	10059		Test Site	:SAC D	
Operation Mode	:802.11ac	40		Test Date	:2022-01-19	
Test Frequency	:2457 MH	z		Temp./Humi.	:19.8/64	
Test Mode	:BE CH 10)	L.	Antenna Pol.	:Vertical	
EUT Pol	:NB Plane			Engineer	:Jack Tseng	
120 Level (d	IBuV/m)					
105.0						
90.0	many					
75.0						
60.0						
45.0				5-1-19-19-19-19-19-19-19-19-19-19-19-19-1		
30.0						
15.0						
2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	49.56	-5.94	43.62	54.00	-10.38
2483.500	Peak	60.81	-5.94	54.87	74.00	-19.13
2490.500	Average	47.91	-5.96	41.95	54.00	-12.05
2490.500	Peak	61.60	-5.96	55.64	74.00	-18.36

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1 :802.11ac4 :2457 MHz :BE CH 10 :NB Plane	10		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-19 :19.8/64 :Horizontal :Jack Tseng	
120 Level (105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	1BuV/m)	2490. Frequen	2510. cy (MH2)	2530.	2550	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m		dB
2483.500 2483.500 2524.800 2524.800	Average Peak Average Peak	46.91 57.06 46.04 58.89	-5.94 -5.94 -5.85 -5.85	40.97 51.12 40.19 53.05	54.00 74.00 54.00 74.00	-13.03 -22.88 -13.81 -20.95



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/100 :802.11ac40 :2462 MHz :BE CH 11 :NB Plane	059	ד ד 4	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-19 :19.8/64 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	2470.	2490.	2510. cy (MHz)	2530.		
		Frequen				
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode R	eading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	50.12 66.60	-5.94 -5.94	44.18 60.66	54.00 74.00	-9.82 -13.34



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/100 :802.11ac40 :2462 MHz :BE CH 11 :NB Plane	59	Te Te Ar	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC D :2022-01-19 :19.8/64 :Horizontal :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	BuV/m)	2490.	2510. cy (MH2)	2530.	2550	
		Frequen	cy (MHz)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode Re	eading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	48.07 62.74	-5.94 -5.94	42.13 56.80	54.00 74.00	-11.87 -17.20
						-



Report Number	:E2/2022/	10059	٢	Fest Site	:SAC D	
Operation Mode	:802.11ax	20	Ţ	Fest Date	:2022-01-19	
Test Frequency	:2412 MH	Z	٦	ſemp./Humi.	:19.8/64	
Test Mode	:BE CH LO	OW Full Ru	ŀ	Antenna Pol.	:Vertical	
EUT Pol	:NB Plane	;	E	Engineer	:Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0	2334.	2358. Frequen	2382.	2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
•	Mode	Reading Level		FS	@3m	5
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2389.680	Average	50.36	-5.69	44.67	54.00	-9.33
2389.680	Peak	77.63	-5.69	71.94	74.00	-2.06
2390.000	Average	50.04	-5.69	44.35	54.00	-9.65
2390.000	Peak	77.00	-5.69	71.31	74.00	-2.69

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60.0 45.0 30.0 15.0

Report Number	:E2/2022/10059		Test Site	:SAC D
Operation Mode	:802.11ax20		Test Date	:2022-01-19
Test Frequency	:2412 MHz		Temp./Hum	i. :19.8/64
Test Mode	BE CH LOW Full R	u	Antenna Po	I. :Horizontal
EUT Pol	:NB Plane		Engineer	:Jack Tseng
120 Level (d	BuV/m)			
105.0			~	man
90.0				
75.0				

2310	2334.	2358. Frequen	2382. cy (MHz)	2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
 MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2388.120	Average	48.07	-5.68	42.38	54.00	-11.62
2388.120	Peak	71.15	-5.68	65.46	74.00	-8.54
2390.000	Average	48.25	-5.69	42.56	54.00	-11.44
2390.000	Peak	71.43	-5.69	65.74	74.00	-8.26

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1005 :802.11ax20 :2417 MHz :BE CH 2 Full :NB Plane		- - /	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-19 :19.8/64 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0	BuV/m)	2358. Frequen	2382. cy (MHz)	2406.		
Freq.		Spectrum ading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2389.680 2389.680 2390.000 2390.000	Average Peak Average Peak	55.75 76.64 56.25 77.39	-5.69 -5.69 -5.69 -5.69	50.06 70.95 50.56 71.70	54.00 74.00 54.00 74.00	-3.94 -3.05 -3.44 -2.30



Report Number	:E2/2022/100	059		Test Site	:SAC D	
Operation Mode	:802.11ax20			Test Date	:2022-01-19	
Test Frequency	:2417 MHz			Temp./Humi.	:19.8/64	
Test Mode	:BE CH 2 Fu	ll Ru		Antenna Pol.	:Horizontal	
EUT Pol	:NB Plane			Engineer	:Jack Tseng	
120 Level (c	1BuV/m)					
105.0				M	mm	
90.0						
75.0				2 - 4 mar and the		
60.0			United and the second states			
45.0				13		
30.0						
15.0						
2310	2334.	2358. Frequen	2382. cy (MHz)	2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode R	eading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2387.520	Average	49.83	-5.68	44.14	54.00	-9.86
2387.520	Peak	71.32	-5.68	65.63	74.00	-8.37
2390.000	Average	50.59	-5.69	44.90	54.00	-9.10
2390.000	Peak	71.12	-5.69	65.43	74.00	-8.57

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Report Number	:E2/2022/10	059		Test Site	:SAC D	
Operation Mode	:802.11ax20)		Test Date	:2022-01-19	
Test Frequency	:2457 MHz			Temp./Humi.	:19.8/64	
Test Mode	:BE CH 10 F	Full Ru		Antenna Pol.	:Vertical	
EUT Pol	:NB Plane			Engineer	:Jack Tseng	
120 Level (d	BuV/m)	1		1		
105.0	\sim					
90.0	A straight					
75.0	``` `	Marken .				
60.0		- Water March	manne			
45.0						
30.0						
15.0						
2450	2470.	2490. Frequen	2510. icy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode R	Reading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	56.15	-5.94	50.21	54.00	-3.79
2483.500	Peak	72.90	-5.94	66.96	74.00	-7.04



Report Number	:E2/2022/	10059		Test Site	:SAC D	
Operation Mode	:802.11ax	20		Test Date	:2022-01-19	
Test Frequency	:2457 MH	z		Temp./Humi.	:19.8/64	
Test Mode	:BE CH 1	0 Full Ru		Antenna Pol.	:Horizontal	
EUT Pol	:NB Plane)		Engineer	:Jack Tseng	
120 Level (0 105.0	1BuV/m)					
90.0	+ + +					
75.0	Minday	New Color				
60.0		- Welling		Mary Marian Par		
45.0						
30.0						
15.0						
2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	49.50	-5.94	43.56	54.00	-10.44
2483.500	Peak	65.98	-5.94	60.04	74.00	-13.96
2484.500	Average	49.40	-5.94	43.46	54.00	-10.54
2484.500	Peak	67.35	-5.94	61.41	74.00	-12.59



Report Number	:E2/2022/1	10059	-	Test Site	:SAC D	
Operation Mode	:802.11ax	20	-	Test Date	:2022-01-19	
Test Frequency	:2462 MHz	Z	-	Temp./Humi.	:19.8/64	
Test Mode	:BE CH HI	GH Full Ru	/	Antenna Pol.	:Vertical	
EUT Pol	:NB Plane		I	Engineer	:Jack Tseng	
120 Level (105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	3BuV/m)	2490. Frequen	2510. cy (MH2)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	55.63	-5.94	49.69	54.00	-4.31
2483.500	Peak	74.37	-5.94	68.42	74.00	-5.58
2483.800	Average	55.73	-5.94	49.78	54.00	-4.22
2483.800	Peak	75.68	-5.94	69.73	74.00	-4.27

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Report Number	:E2/2022/1	10059		Test Site	:SAC D	
Operation Mode	:802.11ax2	20		Test Date	:2022-01-19	
Test Frequency	:2462 MHz	Ζ		Temp./Humi.	:19.8/64	
Test Mode	:BE CH HI	GH Full Ru		Antenna Pol.	:Horizontal	
EUT Pol	:NB Plane			Engineer	:Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	1BuV/m)	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	-
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	48.67	-5.94	42.73	54.00	-11.27
2483.500	Peak	65.25	-5.94	59.31	74.00	-14.69
2485.300	Average	48.24	-5.95	42.29	54.00	-11.71
2485.300	Peak	65.63	-5.95	59.69	74.00	-14.31



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/ :802.11ax :2467 MHz :BE CH 12 :NB Plane	20 z 2 Full Ru	T T A	est Site est Date emp./Humi. .ntenna Pol. ingineer	:SAC C :2022-01-13 :20.2/47 :Vertical :Andy Wang	
110 Level (0 96.3 82.5 68.8 55.0 41.3 27.5 13.8 92450	1BuV/m)	2490. Frequen	2510. cy (MHz)	2530.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2485.000 2485.000	Average Peak Average Peak	42.48 58.09 42.39 58.88	-4.65 -4.65 -4.65 -4.65	37.83 53.44 37.74 54.23	54.00 74.00 54.00 74.00	-16.17 -20.56 -16.26 -19.77



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/100 :802.11ax20 :2467 MHz :BE CH 12 F :NB Plane		T T A	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC C :2022-01-13 :20.2/47 :Horizontal :Andy Wang	
110 Level (d) 96.3 82.5 68.8 55.0 41.3 27.5 13.8 92450	BuV/m)	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		eading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	39.98 53.60	-4.65 -4.65	35.33 48.95	54.00 74.00	-18.67 -25.05



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11ax20 :2472 MHz :BE CH 13 F :NB Plane)	Т Т А	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2022-01-13 :20.2/47 :Vertical :Andy Wang	
110 Level (d 96.3 82.5 68.8 55.0 41.3 27.5 13.8 0 2450	BuV/m)	2490.		2530.		
2450	2470.	Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Reading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	51.43 62.88	-4.65 -4.65	46.78 58.23	54.00 74.00	-7.22 -15.77



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10059 :802.11ax20 :2472 MHz :BE CH 13 Full Ru :NB Plane	Te Te An	st Date :20 mp./Humi. :20 tenna Pol. :H	AC C 022-01-13 0.2/47 lorizontal ndy Wang	
110 Level (d 96.3 82.5 68.8 55.0 41.3 27.5 13.8 0 2450	2479. 2499	2510.	2530.	2550	
Freq.	Detector Spectrum	Factor	Actual	Limit	Margin
·	Mode Reading Le		FS	@3m	5
MHz F	PK/QP/AV dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average 42.44 Peak 53.63	-4.65 -4.65	37.79 48.98	54.00 74.00	-16.21 -25.02



Report Number	:E2/2022/	10059		Test Site	:SAC D	
Operation Mode	:802.11ax	40		Test Date	:2022-01-19	
Test Frequency	:2422 MH	z		Temp./Humi.	:19.8/64	
Test Mode	:BE CH LO	OW Full Ru		Antenna Pol.	:Vertical	
EUT Pol	:NB Plane)		Engineer	:Jack Tseng	
120 Level (d	1BuV/m)		1 1	1 1		
105.0				~~~	m	
90.0						
75.0				3 marcanet		
60.0		and and the second second	man			
45.0						
30.0						
15.0						
2310	2334.	2358. Frequen	2382. cy (MHz)	2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2388.960	Average	53.74	-5.69	48.05	54.00	-5.95
2388.960	Peak	74.60	-5.69	68.92	74.00	-5.08
2390.000	Average	54.06	-5.69	48.37	54.00	-5.63
2390.000	Peak	73.80	-5.69	68.11	74.00	-5.89



Report Number :E2/2022/10059 Test Site :S	SAC D
Operation Mode :802.11ax40 Test Date :2	022-01-19
Test Frequency :2422 MHz Temp./Humi. :1	9.8/64
Test Mode :BE CH LOW Full Ru Antenna Pol. :H	lorizontal
EUT Pol :NB Plane Engineer :J	ack Tseng
too Level (dBuV/m)	
90.0	~~~~
75.0	
50.0	
45.0 8	
30.0	
15.0	
0 2310 2334. 2358. 2382. 2406. Frequency (MHz)	2430
Freq. Detector Spectrum Factor Actual	Limit Margin
Mode Reading Level FS	@3m
MHz PK/QP/AV dBµV dB dBµV/m	dBµV/m dB
2389.440 Average 49.99 -5.69 44.30	54.00 -9.70
	74.00 44.40
2389.440 Peak 68.56 -5.69 62.87	74.00 -11.13
2389.440Peak68.56-5.6962.872390.000Average50.29-5.6944.59	74.00 -11.13 54.00 -9.41



Report Number	:E2/2022/10059	Test Site	e :SAC D	
Operation Mode	:802.11ax40	Test Dat	te :2022-01-19	
Test Frequency	:2427 MHz	Temp./H	łumi. :19.8/64	
Test Mode	:BE CH 4 Full Ru	Antenna	Pol. :Vertical	
EUT Pol	:NB Plane	Enginee	r :Jack Tseng	
120 Level (d	IBuV/m)			
105.0			manna	
90.0				
75.0				
60.0	the state of the s	have and a star and a star and a		
45.0		13		
30.0				
15.0				
2310	2334. 2358. Freque	2382. icy (MHz)	2406. 2430	
Freq.	Detector Spectrum	Factor A	ctual Limit	Margin
	Mode Reading Level		FS @3m	
MHz	PK/QP/AV dBµV	dB dE	3μV/m dBμV/m	n dB
2388.000	Average 50.26	-5.68 4	4.58 54.00	-9.42
2388.000	Peak 68.92	-5.68 6	3.23 74.00	-10.77
2390.000	Average 50.88	-5.69 4	5.19 54.00	-8.81
2390.000	Peak 66.87	-5.69 6	51.18 74.00	-12.82

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Report Number Operation Mode Test Frequency Test Mode	:E2/2022/1 :802.11ax :2427 MHz :BE CH 4	40 z Full Ru		Test Site Test Date Temp./Humi. Antenna Pol.	:SAC D :2022-01-19 :19.8/64 :Horizontal	
EUT Pol	:NB Plane			Engineer	:Jack Tseng	
120 Level (d	BuV/m)					
90.0				- r	mm	
75.0						
60.0				and the warman		
45.0				8		
30.0						
15.0						
2310	2334.	2358. Frequen	2382 cy (MHz)	. 2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2389.320	Average	46.31	-5.69	40.62	54.00	-13.38
2389.320	Peak	64.21	-5.69	58.52	74.00	-15.48
2390.000	Average	45.96	-5.69	40.27	54.00	-13.73
2390.000	Peak	60.69	-5.69	54.99	74.00	-19.01



Report Number	:E2/2022/ [,]	10059	Те	est Site	:SAC D	
Operation Mode	:802.11ax	40	Те	est Date	:2022-01-19	
Test Frequency	:2447 MH	z	Те	mp./Humi.	:19.8/64	
Test Mode	:BE CH 8	Full Ru	Ar	ntenna Pol.	:Vertical	
EUT Pol	:NB Plane		Er	ngineer	:Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	2470.	2490. Frequent	2510. cy (MHz)	2530.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	51.67	-5.94	45.73	54.00	-8.27
2483.500	Peak	71.64	-5.94	65.70	74.00	-8.30
2486.100	Average	50.92	-5.95	44.97	54.00	-9.03
2486.100	Peak	72.40	-5.95	66.45	74.00	-7.55



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/ :802.11ax :2447 MH :BE CH 8 :NB Plane	40 z Full Ru	Te Te Ai	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC D :2022-01-19 :19.8/64 :Horizontal :Jack Tseng	
120 Level (105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	dBuV/m)	2490. Frequen	2510. cy (MHz)	2530.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2483.800 2483.800	Average Peak Average Peak	45.20 64.59 45.18 66.26	-5.94 -5.94 -5.94 -5.94	39.26 58.64 39.24 60.31	54.00 74.00 54.00 74.00	-14.74 -15.36 -14.76 -13.69



Report Number	:E2/2022/ ⁻	10059		Test Site	:SAC D	
Operation Mode	:802.11ax	40		Test Date	:2022-01-19	
Test Frequency	:2452 MH	z		Temp./Humi.	:19.8/64	
Test Mode	:BE CH H	IGH Full Ru		Antenna Pol.	:Vertical	
EUT Pol	:NB Plane			Engineer	:Jack Tseng	
120 Level (d) 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	BuV/m)	2490. Frequen	2510. cy (MHz)	. 2530.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level	1 40101	FS	@3m	margin
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	_	dB
2483.500	Average	56.21	-5.94	50.27	54.00	-3.73
2483.500	Peak	72.48	-5.94	66.54	74.00	-7.46
2484.400	Average	56.05	-5.94	50.10	54.00	-3.90
2484.400	Peak	74.47	-5.94	68.53	74.00	-5.47



Report Number Operation Mode	:E2/2022/ :802.11ax			Test Site Test Date	:SAC D :2022-01-19	
Test Frequency	:2452 MH	Z	٦	Temp./Humi.	:19.8/64	
Test Mode	:BE CH H	IGH Full Ru	ŀ	Antenna Pol.	:Horizontal	
EUT Pol	:NB Plane)	E	Engineer	:Jack Tseng	
120 Level (105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	1BuV/m)	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	48.12	-5.94	42.18	54.00	-11.82
2483.500	Peak	64.41	-5.94	58.47	74.00	-15.53
2488.400	Average	48.12	-5.95	42.17	54.00	-11.83
2488.400	Peak	66.90	-5.95	60.94	74.00	-13.06



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11ax4 :2457 MHz :BE CH 10 :NB Plane	0		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2022-01-13 :20.2/47 :Vertical :Andy Wang	
110 Level (d 96.3 82.5 68.8 55.0 41.3 27.5 13.8 0 2450	BuV/m)	13 2490. Frequence	2510. cy (MHZ)	. 2530.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Reading Level		FS	@3m	
MHz I	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2485.200 2485.200	Average Peak Average Peak	40.26 52.06 40.30 53.63	-4.65 -4.65 -4.65 -4.65	35.61 47.42 35.65 48.98	54.00 74.00 54.00 74.00	-18.39 -26.58 -18.35 -25.02



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1 :802.11ax :2457 MHz :BE CH 10 :NB Plane	40 z) Full Ru		Test Site Test Date Temp./Humi. Antenna Pol.	:SAC C :2022-01-13 :20.2/47 :Horizontal	
				Engineer	:Andy Wang	
96.3						
68.8 55.0						
41.3		hangforman and	harved mid-up up-			
27.5						
13.8 0 2450	2470.	2490.	2510. cy (MHz)	. 2530.	2550	
_		Frequen				
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level	10	FS	@3m	15
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
	_					
2483.500	Average	39.83	-4.65	35.18	54.00	-18.82
2483.500	Peak	47.29	-4.65	42.64	74.00	-31.36
2485.000	Average	39.76	-4.65	35.11	54.00	-18.89
2485.000	Peak	48.27	-4.65	43.62	74.00	-30.38



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11ax4 :2462 MHz :BE CH 11 :NB Plane	0	Te Te Ar	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC C :2022-01-13 :20.2/47 :Vertical :Andy Wang	
110 Level (0 96.3 82.5 68.8 55.0 41.3 27.5 13.8 9 2450	BuV/m)	2490. Frequent	2510. cy (MHz)	2530.	2550	
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
2483.500 2483.500	Average Peak	44.58 55.03	-4.65 -4.65	39.93 50.38	54.00 74.00	-14.07 -23.62

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1 :802.11ax4 :2462 MHz :BE CH 11 :NB Plane	0	ר ר ע	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2022-01-13 :20.2/47 :Horizontal :Andy Wang	
110 Level (d 96.3 82.5 68.8 55.0 41.3 27.5 13.8 92450	BuV/m)	2490. Frequen	2510. cy (MHz)	2530.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Reading Level		FS	@3m	10
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2484.400 2484.400	Average Peak Peak Peak	35.62 45.07 47.33 35.77	-4.65 -4.65 -4.65 -4.65	30.97 40.42 42.68 31.12	54.00 74.00 74.00 74.00	-23.03 -33.58 -31.32 -42.88



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11b :2412 MHz :BE CH LO :E1 Plane			Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-18 :19.1/69 :Vertical :Jack Tseng	
	BuV/m)	2358. Frequen	2382. cy (MHz)			
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2388.960 2388.960 2390.000 2390.000	Average Peak Average Peak	54.92 67.10 54.51 66.29	-5.69 -5.69 -5.69 -5.69	49.23 61.41 48.81 60.60	54.00 74.00 54.00 74.00	-4.77 -12.59 -5.19 -13.40



Report Number	:E2/2022/10059			Test Site	:SAC D	
Operation Mode	:802.11b			Test Date	:2022-01-18	
Test Frequency	:2412 MHz			Temp./Humi.	:19.1/69	
Test Mode	:BE CH LOW			Antenna Pol.	:Horizontal	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
120 Level (d	lBuV/m)				11	
105.0					~	
90.0						
75.0				/	\rightarrow	
60.0	and the second					
45.0				103		
30.0						
15.0						
0 2310 2334. 2358. 2382. 2406. 2430 Frequency (MHz)						
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2388.600	Average	41.63	-5.69	35.94	54.00	-18.06
2388.600	Peak	63.88	-5.69	58.20	74.00	-15.80
2390.000	Average	41.82	-5.69	36.13	54.00	-17.87
2390.000	Peak	62.07	-5.69	56.38	74.00	-17.62



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1005 :802.11b :2417 MHz :BE CH 2 :E1 Plane	9	Te Te Ar	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC D :2022-01-18 :19.1/69 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 15.0 2310	BuV/m)	2358. Frequency	2382. (MH2)	2406.	2430	
Freq. MHz		Spectrum ading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
2390.000 2390.000	Average Peak	56.65 66.18	-5.69 -5.69	50.96 60.49	54.00 74.00	-3.04 -13.51



Report Number Operation Mode Test Frequency	:E2/2022/ [/] :802.11b :2417 MH:			Test Site Test Date Temp./Humi.	:SAC D :2022-01-18 :19.1/69	
Test Mode	:BE CH 2			Antenna Pol.	:Horizontal	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2310	1BuV/m)	2358. Frequen	2382. cy (MHZ)	2405.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2388.720	Average	49.37	-5.69	43.69	54.00	-10.31
2388.720	Peak	61.67	-5.69	55.99	74.00	-18.01
2390.000	Average	50.58	-5.69	44.89	54.00	-9.11
2390.000	Peak	61.86	-5.69	56.17	74.00	-17.83

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/ ² :802.11b :2457 MHz :BE CH 10 :E1 Plane	2		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-18 :19.1/69 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 0 2450	BuV/m) ↓ ↓ ↓	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2510 cy (MHz)	. 2530		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2486.200 2486.200	Average Peak Average Peak	52.40 64.66 52.29 65.35	-5.94 -5.94 -5.95 -5.95	46.46 58.72 46.34 59.40	54.00 74.00 54.00 74.00	-7.54 -15.28 -7.66 -14.60



Report Number Operation Mode Test Frequency Test Mode	:E2/2022/ :802.11b :2457 MH :BE CH 10	Z		Test Site Test Date Temp./Humi. Antenna Pol.	:SAC D :2022-01-18 :19.1/69 :Horizontal	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0	1BuV/m)			2530.		
2450	2470.	2490. Frequen	2510. cy (MHz)	2330.	2350	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
0400 500	A	47.00	5.04	44.75	54.00	40.05
2483.500	Average	47.69	-5.94	41.75	54.00	-12.25
2483.500	Peak	60.02	-5.94	54.08	74.00	-19.92
2485.200	Average	47.86	-5.95	41.91	54.00	-12.09
2485.200	Peak	60.56	-5.95	54.61	74.00	-19.39

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1 :802.11b :2462 MHz :BE CH HI :E1 Plane	<u>z</u>	Ti Ti A	est Site est Date emp./Humi. ntenna Pol. ingineer	:SAC D :2022-01-18 :19.1/69 :Vertical :Jack Tseng	
120 Level (105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	1BuV/m)	2490.	2510. 2510.	2530.	2550	
		Frequer	icy (MHz)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Avorage	52.98	-5.94	47.03	54.00	-6.97
	Average					
2483.500	Peak	65.22	-5.94	59.28	74.00	-14.72



Report Number Operation Mode	:E2/2022/ :802.11b			Test Site Test Date	:SAC D :2022-01-18	
Test Frequency	:2462 MH			Temp./Humi.	:19.1/69	
Test Mode	:BE CH H	IGH		Antenna Pol.	:Horizontal	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	1BuV/m)	2490. Frequen	2510. cy (MH2)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	-
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	46.92	-5.94	40.98	54.00	-13.02
2483.500	Peak	59.11	-5.94	53.17	74.00	-20.83
2486.300	Average	47.32	-5.95	41.37	54.00	-12.63
2486.300	Peak	60.91	-5.95	54.96	74.00	-19.04



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/100 :802.11b :2467 MHz :BE CH 12 :E1 Plane	059	T T A	est Site est Date emp./Humi. ntenna Pol. ingineer	:SAC D :2022-01-18 :19.1/69 :Vertical :Jack Tseng	
105.0 90.0 75.0 60.0 45.0 30.0 15.0	BuV/m)					
2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector Mode R	Spectrum eading Level	Factor	Actual FS	Limit @3m	Margin
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	57.14 67.05	-5.94 -5.94	51.20 61.11	54.00 74.00	-2.80 -12.89



Report Number	:E2/2022/10059			Test Site	:SAC D	
Operation Mode	:802.11b			Test Date	:2022-01-18	
Test Frequency	:2467 MHz			Temp./Humi.	:19.1/69	
Test Mode	:BE CH 12			Antenna Pol.	:Horizontal	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
120 Level (di	BuV/m)					
105.0						
90.0						
75.0	$ \rightarrow $					
60.0	Lag	~				
45.0						
30.0						
15.0						
0 2450	2470.	2490. Frequency	2510 y (MHz)	. 2530	2550	
Freq.	Detector Sp	ectrum	Factor	Actual	Limit	Margin
	Mode Read	ling Level		FS	@3m	-
MHz F	PK/QP/AV c	dBμV	dB	dBµV/m	dBµV/r	n dB
2483.500	Average 5	51.46	-5.94	45.52	54.00	-8.48
2483.500	Peak 6	62.32	-5.94	56.38	74.00	-17.62

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:E2/2022/1005 :802.11b :2472 MHz :BE CH 13 :E1 Plane	9		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-18 :19.1/69 :Vertical :Jack Tseng	
BuV/m)	2490. Frequence	2510 2510 2510	. 2530	2550	
Detector S	Spectrum	Factor	Actual	Limit	Margin
Mode Rea	ading Level		FS	@3m	
PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
Average Peak Average Peak	49.62 64.26 50.10 65.25	-5.94 -5.94 -5.94 -5.94	43.68 58.32 44.15 59.31	54.00 74.00 54.00 74.00	-10.32 -15.68 -9.85 -14.69
	:802.11b :2472 MHz :BE CH 13 :E1 Plane	:2472 MHz :BE CH 13 :E1 Plane	:802.11b :2472 MHz :BE CH 13 :E1 Plane	:802.11b Test Date :2472 MHz Temp./Humi. :BE CH 13 Antenna Pol. :E1 Plane Engineer	Test Date :2022-01-18:2472 MHzTemp./Humi. :19.1/69:BE CH 13Antenna Pol. :Vertical:E1 PlaneEngineer :Jack Tseng



Report Number Operation Mode Test Frequency Test Mode	:E2/2022/1 :802.11b :2472 MHz :BE CH 13			Test Site Test Date Temp./Humi. Antenna Pol.	:SAC D :2022-01-18 :19.1/69 :Horizontal	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
120 Level (105.0 90.0 75.0	dBuV/m)					
60.0 45.0 30.0 15.0 2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2484.300	Average Peak Average	48.79 60.03 49.97	-5.94 -5.94 -5.94	42.85 54.09 44.03	54.00 74.00 54.00	-11.15 -19.91 -9.97
2484.300	Peak	61.90	-5.94	55.95	74.00	-18.05



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10059 :802.11g :2412 MHz :BE CH LOW :E1 Plane	T T A	est Date emp./Humi. Intenna Pol.	:SAC D :2022-01-20 :19.8/62 :Vertical :Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92310	2334. 23	2382. Frequency (MHz)	2406.	2430	
Freq. MHz	Detector Spectr Mode Reading PK/QP/AV dBµ ¹	Level	Actual FS dBu)//m	Limit @3m dRu\//m	Margin dB
2390.000 2390.000	<u>PK/QP/AV dBμ</u> Average 56.1 Peak 76.5	8 -5.69	dBµV/m 50.49 70.82	dBμV/m 54.00 74.00	-3.51 -3.18



Report Number Operation Mode Test Frequency Test Mode	:E2/2022/10059 :802.11g :2412 MHz :BE CH LOW	Test Site Test Date Temp./Hum Antenna Po		
EUT Pol	:E1 Plane	Engineer	:Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92310	1BuV/m)	2382. 240	96. 2430	
Freq.	Detector Spectrum	Factor Actua	al Limit	Margin
	Mode Reading Level	FS	@3m	
MHz	PK/QP/AV dBµV	dB dBµV/	/m dBµV/m	dB
2383.080	Average 48.75	-5.66 43.0	8 54.00	-10.92
2383.080	Peak 71.26	-5.66 65.6	0 74.00	-8.40
2390.000	Average 50.28	-5.69 44.5	9 54.00	-9.41
2390.000	Peak 64.65	-5.69 58.9	6 74.00	-15.04



Report Number Operation Mode	:E2/2022/10059 :802.11g		Test Site Test Date	:SAC D :2022-01-20	
Test Frequency	:2417 MHz		Temp./Humi.	:19.8/62	
Test Mode	:BE CH 2		Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane		Engineer	:Jack Tseng	
			Engineer	.ouck i serig	
120 Level (d	IBuV/m)	1 1 1	1 1	1	
105.0				~~~	
90.0			/	\rightarrow	
75.0			3		
60.0	and the second and the second se	man and the second second			
45.0					
30.0					
15.0					
2310	2334.	2358. 2382 Frequency (MHz)	2. 2406	2430	
Freq.	Detector Spec	ctrum Factor	Actual	Limit	Margin
	Mode Readin	ig Level	FS	@3m	
MHz	PK/QP/AV dB	βμV dB	dBµV/m	dBµV/m	dB
2389.080	Average 54	.66 -5.69	48.97	54.00	-5.03
2389.080	Peak 76	.35 -5.69	70.66	74.00	-3.34
2390.000	Average 55	.07 -5.69	49.38	54.00	-4.62
2390.000	Peak 74	.94 -5.69	69.25	74.00	-4.75

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Report Number	:E2/2022/*	10059		Fest Site	:SAC D	
Operation Mode	:802.11g		Т	Fest Date	:2022-01-20	
Test Frequency	:2417 MHz	Z	Т	ſemp./Humi.	:19.8/62	
Test Mode	:BE CH 2		A	Antenna Pol.	:Horizontal	
EUT Pol	:E1 Plane		E	Engineer	:Jack Tseng	
120 Level (iBuV/m)					
105.0						
90.0				/-		
75.0					——————————————————————————————————————	
60.0			- Andrew Row - Andrew	and the second		
45.0				3		
30.0						
15.0						
2310	2334.	2358. Frequen	2382. cy (MHZ)	2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2387.880	Average	45.57	-5.68	39.89	54.00	-14.11
2387.880	Peak	66.31	-5.68	60.63	74.00	-13.37
2390.000	Average	45.95	-5.69	40.25	54.00	-13.75
2390.000	Peak	62.57	-5.69	56.88	74.00	-17.12

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Report Number	:E2/2022/100)59	Т	Fest Site	:SAC D	
Operation Mode	:802.11g		Т	Fest Date	:2022-01-20	
Test Frequency	:2457 MHz		Т	Temp./Humi.	:19.8/62	
Test Mode	:BE CH 10		A	Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane		E	Engineer	:Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	BuV/m)	2490. Frequent	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode R	eading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	57.61	-5.94	51.67	54.00	-2.33
2483.500	Peak	75.40	-5.94	69.46	74.00	-4.54
2483.800	Average	57.37	-5.94	51.42	54.00	-2.58
2483.800	Peak	75.80	-5.94	69.85	74.00	-4.15

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11g :2457 MHz :BE CH 10 :E1 Plane	0059	Ti Ti A	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC D :2022-01-20 :19.8/62 :Horizontal :Jack Tseng	
105.0 90.0 75.0 60.0 45.0 30.0 15.0						
2450	2470.	2490. Frequen	2510. icy (MHz)	2530.	2550	
Freq.	Detector Mode F	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m		dB
2483.500 2483.500	Average Peak	49.15 65.36	-5.94 -5.94	43.21 59.42	54.00 74.00	-10.79 -14.58



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1 :802.11g :2462 MHz :BE CH Hlt :E1 Plane	1	T T A	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-20 :19.8/62 :Vertical :Jack Tseng	
120 Level (105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	2470.	2490. Frequen	2510. cy (MHz)	2530.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2484.700 2484.700	Average Peak Average Peak	57.52 76.84 56.53 76.61	-5.94 -5.94 -5.94 -5.94	51.58 70.90 50.58 70.66	54.00 74.00 54.00 74.00	-2.42 -3.10 -3.42 -3.34



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1 :802.11g :2462 MHz :BE CH HI :E1 Plane	2	Ti Ti A	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC D :2022-01-20 :19.8/62 :Horizontal :Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	1BuV/m)	2490. Frequen	2510.	2530.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
		υσμν	UD	υσμν/Π	υσμν/Π	
2483.500	Average	49.13	-5.94	43.19	54.00	-10.81
2483.500	Peak	64.00	-5.94	58.06	74.00	-15.94
2484.100	Average	47.94	-5.94	42.00	54.00	-12.00
2484.100	Peak	66.98	-5.94	61.04	74.00	-12.96



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/ :802.11g :2467 MH: :BE CH 12 :E1 Plane	Z	T T A	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC C :2022-01-13 :20.2/47 :Vertical :Andy Wang	
110 Level (96.3 82.5 68.8 55.0 41.3 27.5 13.8 92450	2470.	2490. Frequen	2510. cy (MHz)	2530.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2485.100	Average Peak Average	48.26 62.96 48.00	-4.65 -4.65 -4.65	43.61 58.32 43.35	54.00 74.00 54.00	-10.39 -15.68 -10.65
2485.100	Peak	62.80	-4.65	58.15	74.00	-15.85



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1 :802.11g :2467 MHz :BE CH 12 :E1 Plane			Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2022-01-13 :20.2/47 :Horizontal :Andy Wang	
110 Level (d 96.3 82.5 68.8 55.0 41.3 27.5 13.8 0 2450	BuV/m)	2490. Frequent	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2484.000 2484.000	Average Peak Average Peak	40.71 57.26 40.65 56.19	-4.65 -4.65 -4.65 -4.65	36.06 52.61 36.00 51.54	54.00 74.00 54.00 74.00	-17.94 -21.39 -18.00 -22.46



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1005 :802.11g :2472 MHz :BE CH 13 :E1 Plane	59	T T A	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2022-01-13 :20.2/47 :Vertical :Andy Wang	
110 Level (d 96.3 82.5 68.8 55.0 41.3 27.5 13.8 2450	BuV/m)	2490.	2510.	2530.	2550	
		Frequen	cy (MHz)			
Freq.		Spectrum	Factor	Actual	Limit	Margin
	Mode Re	ading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	47.32 62.57	-4.65 -4.65	42.67 57.92	54.00 74.00	-11.33 -16.08



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11g :2472 MHz :BE CH 13 :E1 Plane	0059	ר ר <i>ן</i>	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2022-01-13 :20.2/47 :Horizontal :Andy Wang	
110 Level (d 96.3 82.5 68.8 55.0 41.3 27.5 13.8 0 2450	BuV/m)	2490.	.2510.	2530.	2550	
_	-	Frequen		• - •		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Reading Level	10	FS	@3m	
MHz I	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	38.68 54.30	-4.65 -4.65	34.03 49.65	54.00 74.00	-19.97 -24.35

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Report Number Operation Mode Test Frequency Test Mode	:E2/2022/10 :802.11ac20 :2412 MHz :BE CH LOV	D		Test Site Test Date Temp./Humi. Antenna Pol.	:SAC D :2022-01-18 :19.1/69 :Vertical	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0	2334.	2358.	2382.	2405		
		Frequen	cy (MHz)			Manaia
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
N 41 I		Reading Level	JD	FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2389.680 2389.680	Average Peak	56.71 72.41	-5.69 -5.69	51.02 66.72	54.00 74.00	-2.98 -7.28
2390.000	Average	56.87	-5.69	51.17	54.00	-2.83
2390.000	Peak	72.16	-5.69	66.47	74.00	-7.53



Report Number	:E2/2022/10059	Tes	t Site	SAC D	
Operation Mode	:802.11ac20	Tes	t Date	2022-01-18	
Test Frequency	:2412 MHz	Terr	np./Humi.	:19.1/69	
Test Mode	:BE CH LOW	Ante	enna Pol.	:Horizontal	
EUT Pol	:E1 Plane	Eng	jineer :	Jack Tseng	
120 Level (d	IBuV/m)				
105.0			m	\sim	
90.0					
75.0				ha	
60.0	under a martin and appropriate				
45.0 30.0					
15.0					
2310	2334. 2358.	2382.	2406.	2430	
2510	Freq	uency (MHz)	2400.	2450	
Freq.	Detector Spectrum	Factor	Actual	Limit	Margin
	Mode Reading Lev	el	FS	@3m	
MHz	PK/QP/AV dBµV	dB	dBµV/m	dBµV/m	dB
2388.360	Average 49.51	-5.68	43.82	54.00	-10.18
2388.360	Peak 65.23	-5.68	59.55	74.00	-14.45
2390.000	Average 50.32	-5.69	44.63	54.00	-9.37
2390.000	Peak 63.90	-5.69	58.21	74.00	-15.79

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/ :802.11ac :2417 MH :BE CH 2 :E1 Plane	20 z	ר ר ק	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-18 :19.1/69 :Vertical :Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2310	1BuV/m)	2358. Frequen	2382. ncy (MHz)	2406.		
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2389.560 2389.560 2390.000 2390.000	Average Peak Average Peak	55.06 77.16 55.07 75.17	-5.69 -5.69 -5.69 -5.69	49.37 71.47 49.38 69.47	54.00 74.00 54.00 74.00	-4.63 -2.53 -4.62 -4.53
2390.000	reak	73.17	-0.09	09.47	74.00	-4.03



Report Number	:E2/2022/10059	Test Site	:SAC D
Operation Mode	:802.11ac20	Test Date	:2022-01-18
Test Frequency	:2417 MHz	Temp./Humi.	:19.1/69
Test Mode	:BE CH 2	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Jack Tseng
120 Level (d	IBuV/m)		
105.0			my
90.0			
75.0		mmmmmmmm	ما
60.0		mummer	
45.0			
30.0			
15.0			
2310	2334. 2358. Fred	2382. 2406. juency (MHz)	2430
Freq.	Detector Spectrum	Factor Actual	Limit Margin
	Mode Reading Lev	rel FS	@3m
MHz	PK/QP/AV dBµV	dB dBµV/m	dBµV/m dB
2389.320	Average 51.71	-5.69 46.03	54.00 -7.97
2389.320	Peak 75.10	-5.69 69.41	74.00 -4.59
2390.000	Average 51.12	-5.69 45.43	54.00 -8.57
2390.000	Peak 73.64	-5.69 67.95	74.00 -6.05

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1 :802.11ac2 :2457 MHz :BE CH 10 :E1 Plane	20		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-18 :19.1/69 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	BuV/m)	2490. Frequent	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2484.900 2484.900	Average Peak Average Peak	57.92 75.93 57.35 76.97	-5.94 -5.94 -5.94 -5.94	51.98 69.99 51.41 71.03	54.00 74.00 54.00 74.00	-2.02 -4.01 -2.59 -2.97



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/ :802.11ac :2457 MH :BE CH 10 :E1 Plane	20 z 0	T T A	est Site est Date emp./Humi. ntenna Pol. ingineer	:SAC D :2022-01-18 :19.1/69 :Horizontal :Jack Tseng	
120 Level (105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	1BuV/m)	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2483.900 2483.900	Average Peak Average Peak	49.89 66.99 49.85 67.67	-5.94 -5.94 -5.94 -5.94	43.95 61.05 43.91 61.73	54.00 74.00 54.00 74.00	-10.05 -12.95 -10.09 -12.27



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11ac20 :2462 MHz :BE CH HIG :E1 Plane)	Te Te An	st Site st Date mp./Humi. tenna Pol. gineer	:SAC D :2022-01-18 :19.1/69 :Vertical :Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	1BuV/m)	2490. Frequen	2510. 2510.	2530.		
Freq.		Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	57.79 74.10	-5.94 -5.94	51.85 68.16	54.00 74.00	-2.15 -5.84



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/100 :802.11ac20 :2462 MHz :BE CH HIGH :E1 Plane		T T A	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC D :2022-01-18 :19.1/69 :Horizontal :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	BuV/m)	2490.	2510. cy (MHz)	2530.	2550	
		Frequen	cy (MHz)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode Re	eading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	48.96 61.45	-5.94 -5.94	43.02 55.50	54.00 74.00	-10.98 -18.50
			0.0 .			



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/100 :802.11ac20 :2467 MHz :BE CH 12 :E1 Plane		Te Te An	st Site st Date mp./Humi. itenna Pol. igineer	:SAC D :2022-01-18 :19.1/69 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	BuV/m)	2490. Frequen	2510. 2510.	2530.	2550	
		Frequen	icy (MHz)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode R	eading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	56.81 73.16	-5.94 -5.94	50.87 67.22	54.00 74.00	-3.13 -6.78



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/ :802.11ac :2467 MH :BE CH 12 :E1 Plane	20 z 2	Т Т А	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-18 :19.1/69 :Horizontal :Jack Tseng	
120 Level (105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	1BuV/m)	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2483.800 2483.800	Average Peak Average Peak	48.53 62.26 48.44 62.62	-5.94 -5.94 -5.94 -5.94	42.59 56.32 42.50 56.68	54.00 74.00 54.00 74.00	-11.41 -17.68 -11.50 -17.32



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11ac20 :2472 MHz :BE CH 13 :E1 Plane		Te Te An	st Site st Date mp./Humi. tenna Pol. gineer	:SAC D :2022-01-18 :19.1/69 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	2470.	2490. Frequen	2510. CY (MH2)	2530.	2550	
		Frequen	cy (MHz)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode I	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	57.69 69.60	-5.94 -5.94	51.75 63.66	54.00 74.00	-2.25 -10.34
2.00.000	· oun	00.00	0.0.1	00.00		10101



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/100 :802.11ac20 :2472 MHz :BE CH 13 :E1 Plane	59	Te Te An	st Site st Date mp./Humi. tenna Pol. gineer	:SAC D :2022-01-18 :19.1/69 :Horizontal :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	2470.	2490. Frequen	2510. cy (MHz)	2530.		
Freq. MHz		Spectrum eading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
2483.500 2483.500	Average Peak	51.97 62.24	-5.94 -5.94	46.03 56.30	54.00 74.00	-7.97 -17.70



Report Number	:E2/2022/10059	Test Site	:SAC D	
Operation Mode	:802.11ac40	Test Date	:2022-01-18	
Test Frequency	:2422 MHz	Temp./Humi.	:19.1/69	
Test Mode	:BE CH LOW	Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane	Engineer	:Jack Tseng	
120 Level (d	IBuV/m)			
105.0			mon	
90.0				
75.0		mann		
60.0	And the second s	almer a		
45.0				
30.0				
15.0				
2310	2334. 2358. Freque	2382. 2406 ncy (MHz)	2430	
Freq.	Detector Spectrum	Factor Actual	Limit	Margin
	Mode Reading Level	FS	@3m	
MHz	PK/QP/AV dBµV	dB dBµV/m	n dBµV/m	dB
2389.680	Average 57.62	-5.69 51.93	54.00	-2.07
2389.680	Peak 76.51	-5.69 70.82	74.00	-3.18
2390.000	Average 57.63	-5.69 51.93	54.00	-2.07
2390.000	Peak 76.01	-5.69 70.32	74.00	-3.68

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Report Number	:E2/2022/10059	Test Site	:SAC D	
Operation Mode	:802.11ac40	Test Date	:2022-01-18	
Test Frequency	:2422 MHz	Temp./Hum	i. :19.1/69	
Test Mode	:BE CH LOW	Antenna Po	I. :Horizontal	
EUT Pol	:E1 Plane	Engineer	:Jack Tseng	
120 Level (d	iBuV/m)			
105.0			emm	
90.0				
75.0				
60.0		un and the way		
45.0				
30.0				
15.0				
2310	2334. 2358. Freque	2382. 240 ncy (MHz)	06. 2430	
Freq.	Detector Spectrum	Factor Actu	al Limit	Margin
	Mode Reading Level	FS	@3m	
MHz	PK/QP/AV dBµV	dB dBµV	/m dBµV/m	dB
2388.600	Average 48.14	-5.69 42.4	5 54.00	-11.55
2388.600	Peak 66.71	-5.69 61.0	2 74.00	-12.98
2390.000	Average 48.23	-5.69 42.5	4 54.00	-11.46
2390.000	Peak 65.20	-5.69 59.5	1 74.00	-14.49

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Report Number	:E2/2022/100	59		Test Site	:SAC D	
Operation Mode	:802.11ac40			Test Date	:2022-01-18	
Test Frequency	:2427 MHz			Temp./Humi.	:19.1/69	
Test Mode	:BE CH 4			Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
120 Level (d	BuV/m)			1		
105.0					mon	
90.0						
75.0				zoont		
60.0		And the second second	and and a second second			
45.0						
30.0						
15.0						
2310	2334.	2358. Frequen	2382. cy (MHz)	2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode Re	ading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2390.000	Average	57.58	-5.69	51.89	54.00	-2.11
2390.000	Peak	74.01	-5.69	68.32	74.00	-5.68

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Report Number	:E2/2022/	10059	٦	Test Site	:SAC D	
Operation Mode	:802.11ac	:40	٦	Test Date	:2022-01-18	
Test Frequency	:2427 MH	z	٦	Temp./Humi.	:19.1/69	
Test Mode	:BE CH 4		ŀ	Antenna Pol.	:Horizontal	
EUT Pol	:E1 Plane	1	E	Engineer	:Jack Tseng	
120 Level (dBuV/m)					
105.0						
90.0				ſ	~~~~	
75.0						
60.0				mand		
45.0	and the state of t			8		
30.0						
15.0						
2310	2334.	2358. Frequen	2382. cy (MHz)	2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2389.800	Average	49.29	-5.69	43.60	54.00	-10.40
2389.800	Peak	65.56	-5.69	59.87	74.00	-14.13
2390.000	Average	49.39	-5.69	43.70	54.00	-10.30
2390.000	Peak	65.32	-5.69	59.63	74.00	-14.37

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11ac4 :2447 MHz :BE CH 8 :E1 Plane	0	ר ר ק	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-18 :19.1/69 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	BuV/m)	2490. Frequen	2510. cy (MH2)	2530.		
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
2483.500 2483.500	Average Peak	57.06 74.03	-5.94 -5.94	51.12 68.09	54.00 74.00	-2.88 -5.91



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11ac40 :2447 MHz :BE CH 8 :E1 Plane		-	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-18 :19.1/69 :Horizontal :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	BuV/m)	2490. Frequen	2510. cy (MH2)	2530.		
Freq.	Detector Mode F	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	46.43 64.69	-5.94 -5.94	40.49 58.75	54.00 74.00	-13.51 -15.25



Report Number	:E2/2022/1	0059	Т	Fest Site	:SAC D	
Operation Mode	:802.11ac4	40	Т	Fest Date	:2022-01-18	
Test Frequency	:2452 MHz	2	Т	Temp./Humi.	:19.1/69	
Test Mode	:BE CH HI	GH	Ą	Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane		E	Engineer	:Jack Tseng	
120 Level (d	IBuV/m)				1	
105.0	mon					
90.0	+					
75.0	<u> </u>	mana				
60.0		- marine	And marries to			
45.0						
30.0						
15.0						
2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	57.47	-5.94	51.53	54.00	-2.47
2483.500	Peak	73.77	-5.94	67.83	74.00	-6.17
2483.700	Average	57.87	-5.94	51.93	54.00	-2.07
2483.700	Peak	75.26	-5.94	69.32	74.00	-4.68



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11ac4 :2452 MHz :BE CH HIC :E1 Plane	0	ד ד <i>ב</i>	Γest Site Γest Date Γemp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-18 :19.1/69 :Horizontal :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 2450	BuV/m)	2490. Frequen	2510. cy (MHz)	2530.		
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	47.92 67.85	-5.94 -5.94	41.98 61.91	54.00 74.00	-12.02 -12.09



Report Number	:E2/2022/1	0059	٦	Test Site	:SAC D	
Operation Mode	:802.11ac4	40	٦	Test Date	:2022-01-18	
Test Frequency	:2457 MHz	2	٦	Temp./Humi.	:19.1/69	
Test Mode	:BE CH 10)	ŀ	Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane		E	Engineer	:Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	51.91	-5.94	45.97	54.00	-8.03
2483.500	Peak	64.68	-5.94	58.74	74.00	-15.26
2483.900	Average	52.02	-5.94	46.07	54.00	-7.93
2483.900	Peak	65.47	-5.94	59.53	74.00	-14.47

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11ac40 :2457 MHz :BE CH 10 :E1 Plane		ד ד <i>ב</i>	Γest Site Γest Date Γemp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-18 :19.1/69 :Horizontal :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 0 2450	BuV/m)	2490. Frequen	2510. cy (MH2)	2530.	2550	
Freq. MHz	Detector Mode F PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
2483.500 2483.500	Average Peak	44.48 57.52	-5.94 -5.94	38.54 51.58	54.00 74.00	-15.46 -22.42



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/100 :802.11ac40 :2462 MHz :BE CH 11 :E1 Plane	059	T T A	est Site est Date emp./Humi. antenna Pol. ingineer	:SAC D :2022-01-19 :19.1/69 :Vertical :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 0 2450	BuV/m)	2490. Frequen	су (MH2)			
Freq.	Detector Mode R	Spectrum eading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	53.74 72.43	-5.94 -5.94	47.80 66.49	54.00 74.00	-6.20 -7.51



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/100 :802.11ac40 :2462 MHz :BE CH 11 :E1 Plane		T T A	est Site est Date emp./Humi. ntenna Pol. ingineer	:SAC D :2022-01-19 :19.1/69 :Horizontal :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0	BuV/m)	2490.	2510. cy (MHz)	2530.	2550	
		Frequen				
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode R	eading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	48.25 65.68	-5.94 -5.94	42.31 59.74	54.00 74.00	-11.69 -14.26
2403.300	I Can	05.00	-3.34	55.74	74.00	-14.20



·E2/2022/10059

Report Number

Report Rambol	:EZ/2022/	10059		1001 0110		
Operation Mode	:802.11ax	20		Test Date	:2022-01-19	
Test Frequency	:2412 MH	Z		Temp./Humi.	:19.1/69	
Test Mode	:BE CH LO	OW Full Ru		Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
				_	_	
120 Level (d	BuV/m)					
105.0				m	m	
90.0					+	
75.0				~		
60.0			~~~~			
45.0						
30.0						
15.0						
2310	2334.	2358. Frequen	2382. cy (MHz)	2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2389.200	Average	56.43	-5.69	50.74	54.00	-3.26
2389.200	Peak	76.33	-5.69	70.64	74.00	-3.36
2390.000	Average	56.95	-5.69	51.25	54.00	-2.75
2390.000	Peak	75.12	-5.69	69.42	74.00	-4.58

Test Site

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Report Number	:E2/2022/	10059		Test Site	:SAC D	
Operation Mode	:802.11ax	20		Test Date	:2022-01-19	
Test Frequency	:2412 MH	z		Temp./Humi.	:19.1/69	
Test Mode	:BE CH LO	OW Full Ru		Antenna Pol.	:Horizontal	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
Level (d	BuV/m)					
120 Level (a						
90.0				(
75.0						
60.0		mar	m	1		
45.0				13		
30.0						
15.0						
2310	2334.	2358. Frequen	2382. icy (MHz)	2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2388.480	Average	52.35	-5.69	46.67	54.00	-7.33
2388.480	Peak	73.65	-5.69	67.96	74.00	-6.04
2390.000	Average	53.72	-5.69	48.03	54.00	-5.97
2390.000	Peak	72.83	-5.69	67.14	74.00	-6.86



Report Number	:E2/2022/	10059		Test Site	:SAC D	
Operation Mode	:802.11ax	20		Test Date	:2022-01-19	
Test Frequency	:2417 MH	Z		Temp./Humi.	:19.8/64	
Test Mode	:BE CH 2	Full Ru		Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
120 Level (dBuV/m)					
105.0				<u>م</u>	mm	
90.0						
75.0				- Walt	<u> </u>	
60.0			and a stand of the stand			
45.0				3		
30.0						
15.0						
2310	2334.	2358. Frequen	2382. cy (MHz)	2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2388.240	Average	57.40	-5.68	51.72	54.00	-2.28
2388.240	Peak	76.11	-5.68	70.42	74.00	-3.58
2390.000	Average	55.56	-5.69	49.87	54.00	-4.13
2390.000	Peak	72.91	-5.69	67.22	74.00	-6.78



:802.11ax2 :2417 MHz	0	ד ד <i>4</i>	Гest Date Гemp./Humi. Antenna Pol.	:SAC D :2022-01-19 :19.8/64 :Horizontal :Jack Tseng	
BuV/m)	2358.	2382.	-		
Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
Average Peak Average Peak	48.78 71.18 48.77 67.35	-5.69 -5.69 -5.69 -5.69	43.09 65.49 43.08 61.66	54.00 74.00 54.00 74.00	-10.91 -8.51 -10.92 -12.34
	:802.11ax2 :2417 MHz :BE CH 2 F :E1 Plane	:BE CH 2 Full Ru :E1 Plane	:E2/2022/10003 :802.11ax20 :2417 MHz :BE CH 2 Full Ru :E1 Plane :E1 Plane </td <td>:802.11ax20 Test Date :2417 MHz Temp./Humi. :BE CH 2 Full Ru Antenna Pol. :E1 Plane Engineer </td> <td>:2212022/10003 Test Date :2022-01-19 :2417 MHz Temp./Humi. :19.8/64 :BE CH 2 Full Ru Antenna Pol. :Horizontal :E1 Plane Engineer :Jack Tseng :E1 Plane </td>	:802.11ax20 Test Date :2417 MHz Temp./Humi. :BE CH 2 Full Ru Antenna Pol. :E1 Plane Engineer	:2212022/10003 Test Date :2022-01-19 :2417 MHz Temp./Humi. :19.8/64 :BE CH 2 Full Ru Antenna Pol. :Horizontal :E1 Plane Engineer :Jack Tseng :E1 Plane



Report Number	:E2/2022/10	059	Te	est Site	:SAC D	
Operation Mode	:802.11ax20)	Te	est Date	:2022-01-19	
Test Frequency	:2457 MHz		Te	emp./Humi.	:19.8/64	
Test Mode	:BE CH 10 F	Full Ru	Ai	ntenna Pol.	:Vertical	
EUT Pol	:E1 Plane		E	ngineer	:Jack Tseng	
120 Level (d	BuV/m)	1				
105.0	m					
90.0	"Internet					
75.0		MW12				
60.0		W Walth when			the second second	
45.0						
30.0						
15.0						
2450	2470.	2490. Frequen	2510. icy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode F	Reading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	55.66	-5.94	49.72	54.00	-4.28
2483.500	Peak	76.82	-5.94	70.88	74.00	-3.12



Report Number Operation Mode Test Frequency Test Mode EUT Pol		20 z) Full Ru	- - /	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-19 :19.8/64 :Horizontal :Jack Tseng	
120 Level (105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	dBuV/m)	2490. Frequen	2510. cy (MH2)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2484.200 2484.200	Average Peak Average Peak	50.46 67.15 50.10 66.83	-5.94 -5.94 -5.94 -5.94	44.52 61.21 44.15 60.89	54.00 74.00 54.00 74.00	-9.48 -12.79 -9.85 -13.11



Report Number	:E2/2022/ [,]	10059	Т	est Site	:SAC D	
Operation Mode	:802.11ax	20	Т	est Date	:2022-01-19	
Test Frequency	:2462 MHz	Z	Т	emp./Humi.	:19.8/64	
Test Mode	:BE CH HI	GH Full Ru	А	ntenna Pol.	:Vertical	
EUT Pol	:E1 Plane		E	ingineer	:Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0	m ,					
2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	56.36	-5.94	50.42	54.00	-3.58
2483.500	Peak	72.51	-5.94	66.57	74.00	-7.43
2483.800	Average	56.73	-5.94	50.79	54.00	-3.21
2483.800	Peak	74.15	-5.94	68.20	74.00	-5.80



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11ax2 :2462 MHz :BE CH HIC :E1 Plane	0	Te Te Ar	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC D :2022-01-19 :19.8/64 :Horizontal :Jack Tseng	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	2470.	2490. Frequer	2510. 2510.	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	Ū
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	49.06 62.47	-5.94 -5.94	43.12 56.53	54.00 74.00	-10.88 -17.47



Report Number	:E2/2022/	10059	Г	Fest Site	:SAC C	
Operation Mode	:802.11ax	20	٦	Fest Date	:2022-01-14	
Test Frequency	:2467 MH	z	T	Гетр./Humi.	:17.4/47	
Test Mode	:BE CH 12	2 Full Ru	ŀ	Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane		E	Engineer	:Andy Wang	
110 Level (0 96.3	1BuV/m)					
68.8						
55.0		Whole the second				
41.3		13		woll-serve and a strande		
27.5						
13.8						
0 2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	48.70	-4.65	44.05	54.00	-9.95
2483.500	Peak	66.03	-4.65	61.38	74.00	-12.62
2485.300	Average	48.19	-4.65	43.54	54.00	-10.46
2485.300	Peak	66.56	-4.65	61.90	74.00	-12.10

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11ax20 :2467 MHz :BE CH 12 F :E1 Plane)	Te Te An	st Site st Date mp./Humi. tenna Pol. gineer	:SAC C :2022-01-14 :17.4/47 :Horizontal :Andy Wang	
110 Level (d 96.3 82.5 68.8 55.0 41.3 27.5 13.8 0 2450	BuV/m)	2490.	2510. cy (MHz)	2530.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
1104.		Reading Level		FS	@3m	Margin
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	40.87	-4.65	36.22	54.00	-17.78
2483.500	Peak	58.55	-4.65	53.90	74.00	-20.10



Report Number Operation Mode Test Frequency Test Mode	:E2/2022/1 :802.11ax :2472 MHz :BE CH 13	20 z		Test Site Test Date Temp./Humi. Antenna Pol.	:SAC D :2022-01-19 :19.8/64 :Vertical	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
120 Level (105.0	3BuV/m)	~				
75.0						
60.0 60.0	کم					
45.0						
30.0						
15.0						
2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	55.80	-5.94	49.86	54.00	-4.14
2483.500	Peak	67.83	-5.94	61.88	74.00	-12.12
2484.600	Average	55.82	-5.94	49.88	54.00	-4.12
2484.600	Peak	68.99	-5.94	63.04	74.00	-10.96

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Report Number	:E2/2022/1005	9		Test Site	:SAC D	
Operation Mode	:802.11ax20			Test Date	:2022-01-19	
Test Frequency	:2472 MHz			Temp./Humi.	:19.8/64	
Test Mode	:BE CH 13 Ful	l Ru		Antenna Pol.	:Horizontal	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
				-	-	
120 Level (d	BuV/m)					
105.0						
90.0	mannen	\				
75.0	<u> </u>					
60.0]	Renard and a				
45.0						
30.0						
15.0						
0 2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector S	Spectrum	Factor	Actual	Limit	Margin
·		ading Level		FS	@3m	0
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	50.97	-5.94	45.02	54.00	-8.98
2483.500	Peak	62.27	-5.94	56.33	74.00	-17.67

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Report Number	:E2/2022/	10059		Test Site	:SAC D	
Operation Mode	:802.11ax	40		Test Date	:2022-01-19	
Test Frequency	:2422 MH	Z		Temp./Humi.	:19.8/64	
Test Mode	:BE CH L	OW Full Ru		Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
120 Level (dBuV/m)					
105.0					mm	
90.0				1000		
75.0			2			
60.0		ale and a second se	mand	Am		
45.0				3		
30.0						
15.0						
2310	2334.	2358. Frequen	2382. icy (MHz)	2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2386.560	Average	57.00	-5.68	51.32	54.00	-2.68
2386.560	Peak	74.81	-5.68	69.14	74.00	-4.86
2390.000	Average	56.32	-5.69	50.63	54.00	-3.37
2390.000	Peak	70.77	-5.69	65.07	74.00	-8.93



Report Number	:E2/2022/	10059	Τe	est Site	:SAC D	
Operation Mode	:802.11ax	40	Te	est Date	:2022-01-19	
Test Frequency	:2422 MH	z	Τe	emp./Humi.	:19.8/64	
Test Mode	:BE CH LO	OW Full Ru	Ar	ntenna Pol.	:Horizontal	
EUT Pol	:E1 Plane		Er	ngineer	:Jack Tseng	
120 Level (1BuV/m)			1 1		
105.0						
90.0						
75.0						
60.0				Herbert		
45.0			1 3			
30.0						
15.0						
2310	2334.	2358. Frequen	2382. cy (MHz)	2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2385.960	Average	47.10	-5.68	41.42	54.00	-12.58
2385.960	Peak	67.96	-5.68	62.29	74.00	-11.71
2390.000	Average	48.40	-5.69	42.70	54.00	-11.30
2390.000	Peak	62.49	-5.69	56.80	74.00	-17.20



Report Number	:E2/2022/	10059		Test Site	:SAC D	
Operation Mode	:802.11ax	40		Test Date	:2022-01-19	
Test Frequency	:2427 MH	z		Temp./Humi.	:19.8/64	
Test Mode	:BE CH 4	Full Ru		Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
120	IBuV/m)					
105.0				<u> </u>		
90.0				1		
75.0				Thomas		
60.0		and an an an an and the second s	- book and the flight			
45.0						
30.0						
15.0				_		
0 2310	2334.	2358. Frequen	2382. cy (MHz)	2406.	2430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2389.200	Average	56.08	-5.69	50.39	54.00	-3.61
2389.200	Peak	75.08	-5.69	69.39	74.00	-4.61
2390.000	Average	56.94	-5.69	51.24	54.00	-2.76
2390.000	Peak	72.26	-5.69	66.57	74.00	-7.43



Report Number Operation Mode Test Frequency Test Mode	:2427 MH: :BE CH 4	40 z		Test Site Test Date Temp./Humi. Antenna Pol.	:SAC D :2022-01-19 :19.8/64 :Horizontal	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
120 Level (105.0 90.0 75.0 60.0 45.0 30.0 15.0 2310	2334.	2358. Frequen	2382. cy (MHZ)	2405.	2430	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2389.440 2389.440 2390.000 2390.000	Average Peak Average Peak	49.81 63.60 50.03 60.93	-5.69 -5.69 -5.69 -5.69	44.12 57.91 44.33 55.24	54.00 74.00 54.00 74.00	-9.88 -16.09 -9.67 -18.76



Report Number	:E2/2022/1	0059	Т	Test Site	:SAC D	
Operation Mode	:802.11ax4	10	Т	Fest Date	:2022-01-19	
Test Frequency	:2447 MHz	:	Т	Temp./Humi.	:19.8/64	
Test Mode	:BE CH 8 F	Full RU	A	Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane		E	Engineer	:Jack Tseng	
120 Level (d	BuV/m)				_	
105.0	m					
90.0						
75.0	hum					
60.0		Monne	mandana			
45.0						
30.0						
15.0						
2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	55.06	-5.94	49.12	54.00	-4.88
2483.500	Peak	77.21	-5.94	71.27	74.00	-2.73

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Report Number	:E2/2022/			Test Site	:SAC D	
Operation Mode	:802.11ax			Test Date	:2022-01-19	
Test Frequency	:2447 MH	Z		Temp./Humi.	:19.8/64	
Test Mode	:BE CH 8	Full RU		Antenna Pol.	:Horizontal	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
120 Level (d	IBuV/m)					
105.0						
90.0	T .					
75.0	+					
60.0	him	Marca Right Human	A			
45.0		13				
30.0						
15.0						
2450	2470.	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	48.71	-5.94	42.77	54.00	-11.23
2483.500	Peak	62.37	-5.94	56.43	74.00	-17.57
2486.500	Average	47.78	-5.95	41.83	54.00	-12.17
2486.500	Peak	63.74	-5.95	57.79	74.00	-16.21

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Report Number	:E2/2022/	10059	Т	est Site	:SAC D	
Operation Mode	:802.11ax	40	Т	est Date	:2022-01-19	
Test Frequency	:2452 MH	z	Т	emp./Humi.	:19.8/64	
Test Mode	:BE CH H	IGH Full Ru	A	Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane		E	Engineer	:Jack Tseng	
120 Level (0 105.0 4444 90.0 55.0 50.0 50.0 50.0 50.0 50.0 50.0	1BuV/m)	2490. Frequen	2510. cy (MHz)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	56.92	-5.94	50.98	54.00	-3.02
2483.500	Peak	73.74	-5.94	67.80	74.00	-6.20
2489.000	Average	55.22	-5.96	49.27	54.00	-4.73
2489.000	Peak	75.04	-5.96	69.09	74.00	-4.91

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Report Number	:E2/2022/			Test Site	:SAC D	
Operation Mode	:802.11ax			Test Date	:2022-01-19	
Test Frequency	:2452 MH	Z	-	Temp./Humi.	:19.8/64	
Test Mode	:BE CH H	IGH Full Ru		Antenna Pol.	:Horizontal	
EUT Pol	:E1 Plane		I	Engineer	:Jack Tseng	
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0 92450	1BuV/m)	2490. Frequen	2510. cy (MH2)	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	47.97	-5.94	42.03	54.00	-11.97
2483.500	Peak	61.47	-5.94	55.53	74.00	-18.47
2488.200	Average	48.13	-5.95	42.17	54.00	-11.83
2488.200	Peak	65.59	-5.95	59.64	74.00	-14.36

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Report Number Operation Mode Test Frequency Test Mode EUT Pol		40 z	ר ר <i>ן</i>	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2022-01-14 :17.4/47 :Vertical :Andy Wang	
110 Level (96.3 , , , , , , , , , , , , , , , , , , ,	dBuV/m)	2490. Frequer	2510. ncy (MHz)		2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2483.900 2483.900	Average Peak Average Peak	46.56 60.15 45.77 59.27	-4.65 -4.65 -4.65 -4.65	41.91 55.51 41.12 54.62	54.00 74.00 54.00 74.00	-12.09 -18.49 -12.88 -19.38



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/ :802.11ax :2457 MH :BE CH 10 :E1 Plane	40 z	Ti Ti A	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC C :2022-01-14 :17.4/47 :Horizontal :Andy Wang	
110 Level (96.3 82.5 68.8 55.0 41.3 27.5 13.8 0 2450	2470.	2490. Frequen	2510. cy (MHz)	2530.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500 2484.300 2484.300	Average Peak Average Peak	39.19 49.51 38.93 52.54	-4.65 -4.65 -4.65 -4.65	34.54 44.86 34.28 47.89	54.00 74.00 54.00 74.00	-19.46 -29.14 -19.72 -26.11
2404.000	I Can	J2.J4	-4.00	-1.09	74.00	-20.11



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11ax4 :2462 MHz :BE CH 11 :E1 Plane	0	Te Te Ar	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC C :2022-01-14 :17.4/47 :Vertical :Andy Wang	
110 Level (d 96.3 82.5 68.8 55.0 41.3 27.5 13.8 2450	BuV/m)	2490.	2510.	2530.		
2450	2470.	Frequen	cy (MHz)	2000.	2000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2483.500 2483.500	Average Peak	51.35 62.65	-4.65 -4.65	46.70 58.00	54.00 74.00	-7.30 -16.00



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/10 :802.11ax40 :2462 MHz :BE CH 11 F :E1 Plane)	Te Te Ai	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC C :2022-01-14 :17.4/47 :Horizontal :Andy Wang	
110 Level (d 96.3 82.5 68.8 55.0 41.3 27.5 13.8 9450	2470.	2490. Frequence	2510. 2510.	2530.	2550	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode F PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
2483.500 2483.500	Average Peak	45.51 56.75	-4.65 -4.65	40.86 52.10	54.00 74.00	-13.14 -21.90

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1000

Limit

@3m

dBµV/m

40.00

43.50

46.00

46.00

46.00

54.00

Margin

dB

-13.45

-15.24

-21.73

-13.54

-15.21

-20.15



75.0 62 4 50.0 37.5 25.0 12.5 o 30

Freq.

MHz

35.820

100.810

236.610

600.360

772.050

989.330

7.7.2 Below 1GHz Worst-Case Emission:

224

Detector

Mode

PK/QP/AV

Peak

Peak

Peak

Peak

Peak

Peak

Report Number	:E2/2022/10059	Test Site	:SAC C
Operation Mode	:802.11b	Test Date	:2022-01-25
Test Frequency	:2437 MHz	Temp./Humi.	:20.5/70
Test Mode	:TX CH MID	Antenna Pol.	:Vertical
EUT Pol	:NB Plane	Engineer	:Jack Tseng
100 Level (d	BuV/m)		_
87.5			

418. 612. Frequency (MHz)

Factor

dB

-16.13

-18.79

-15.62

-4.90

-0.76

2.08

Spectrum

Reading Level

dBµV

42.68

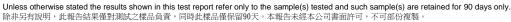
47.06

39.89

37.37

31.55

31.77



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台灣檢驗科技股份有限公司			6-2) 2298-0488

806.

Actual

FS

dBµV/m

26.55

28.26

24.27

32.46

30.79

33.85



Report Number	:E2/2022/1	0059		Test Site	:SAC C	
Operation Mode	:802.11b			Test Date	:2022-01-25	
Test Frequency	:2437 MHz	<u>.</u>		Temp./Humi.	:20.5/70	
Test Mode	:TX CH MI	D		Antenna Pol.	:Horizontal	
EUT Pol	:NB Plane			Engineer	:Jack Tseng	
100 Level (d	BuV/m)					
87.5						
75.0						
62.5 50.0						
37.5	ſ					
25.0	2	4		5	6	
12.5						
0 30	224.	418. Frequen	612. cy (MHz)	806.	1000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Tieq.	Mode	Reading Level	i actor	FS	@3m	iviargin
MHz I	PK/QP/AV	dBµV	dB	dBµV/m		dB
			GD	αυμινιπ		40
96.930	Peak	38.87	-19.36	19.50	43.50	-24.00
161.920	Peak	34.97	-14.24	20.73	43.50	-22.77
248.250	Peak	42.42	-14.80	27.62	46.00	-18.38
402.480	Peak	36.74	-10.09	26.64	46.00	-19.36
770.110	Peak	33.40	-0.82	32.58	46.00	-13.42
964.110	Peak	30.82	2.01	32.82	54.00	-21.18

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1 :802.11b :2437 MHz :TX CH MI :E1 Plane	Z		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2022-01-25 :20.5/70 :Vertical :Jack Tseng	
100 Level (0 87.5 75.0 62.5 50.0 37.5 25.0 12.5 0 30	1BuV/m)	418. Frequen	4 612. cy (MHz)	S 5 806.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
100.810	Peak	48.38	-21.62	26.76	43.50	-16.74
164.830	Peak	35.47	-16.88	18.59	43.50	-24.91
456.800	Peak	35.17	-11.79	23.38	46.00	-22.62
597.450	Peak	39.24	-9.76	29.48	46.00	-16.52
827.340	Peak	36.24	-6.10	30.14	46.00	-15.86
948.590	Peak	36.34	-4.56	31.79	46.00	-14.21



Report Number	:E2/2022/ [,]	10059		Test Site	:SAC C	
Operation Mode	:802.11b			Test Date	:2022-01-25	
Test Frequency	:2437 MH	Z		Temp./Humi.	:20.5/70	
Test Mode	:TX CH M	ID		Antenna Pol.	:Horizontal	
EUT Pol	:E1 Plane			Engineer	:Jack Tseng	
100 Level (dBuV/m)					
87.5						
75.0						
62.5						
37.5						
25.0			4		6	
12.5	2					
0 30	224.	418.	612. cy (MHz)	806.	1000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
51.340	Peak	36.40	-17.27	19.14	40.00	-20.86
160.950	Peak	35.98	-16.65	19.33	43.50	-24.17
453.890	Peak	34.31	-11.92	22.39	46.00	-23.61
600.360	Peak	37.12	-9.73	27.38	46.00	-18.62
800.180	Peak	39.00	-6.81	32.20	46.00	-13.80
967.990	Peak	36.12	-4.76	31.36	54.00	-22.64

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7.7.3 Above 1GHz Emission:

Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/ :802.11b :2437 MH :TX CH M :NB Plane	z IID	T T A	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC D :2022-01-22 :20/70 :Vertical :Jack Tseng	
100 Level (87.5 75.0 62.5 50.0 37.5 25.0 12.5 9 1000	6100.	11200. Frequen	16300. cy (MH2)	21400		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
4874.000	Average	51.86	-0.26	51.59	54.00	-2.41
4874.000	Peak	53.57	-0.26	53.31	74.00	-20.69
7311.000	Average	28.59	6.68	35.27	54.00	-18.73
7311.000	Peak	40.20	6.68	46.88	74.00	-27.12

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Report Number Operation Mode Test Frequency Test Mode EUT Pol		z ID		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-22 :20/70 :Horizontal :Jack Tseng	
100 Level (87.5 75.0 62.5 50.0 37.5 25.0 12.5	dBuV/m)	11200. Frequen	16300 су (MHz)	. 21400	. 26500	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
4874.000 4874.000 7311.000 7311.000	Average Peak Average Peak	45.69 49.19 28.62 40.20	-0.26 -0.26 6.68 6.68	45.43 48.93 35.30 46.89	54.00 74.00 54.00 74.00	-8.57 -25.07 -18.70 -27.11



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/ :802.11b :2437 MH :TX CH M :E1 Plane	z ID	ר ר ק	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-22 :20/70 :Vertical :Jack Tseng	
100 Level (d 87.5 75.0 62.5 50.0 37.5 25.0 12.5 9000	BuV/m)		16300. cy (MHz)		26500	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
4874.000 4874.000 7311.000	Average Peak Average	49.69 52.11 29.17	-0.26 -0.26 6.68	49.43 51.84 35.85	54.00 74.00 54.00	-4.57 -22.16 -18.15
7311.000	Peak	42.41	6.68	49.09	74.00	-24.91



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2022/1 :802.11b :2437 MHz :TX CH MII :E1 Plane			Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC D :2022-01-22 :20/70 :Horizontal :Jack Tseng	
100 Level (0 87.5 75.0 62.5 50.0 37.5 25.0 12.5 9000	1BuV/m)	11200. Frequen	16300 cy (MH2)	. 21400		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
4874.000	Average	51.06	-0.26	50.79	54.00	-3.21
4874.000	Peak	52.99	-0.26	52.72	74.00	-21.28
7311.000	Average	32.17	6.68	38.85	54.00	-15.15
7311.000	Peak	42.27	6.68	48.95	74.00	-25.05

~ End of Report ~

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。