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# **ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT**

#### CLASS II & IV PC REPORT

OF

Acer Incorporated Applicant:

8F., No. 88, Sec. 1, Xintai 5th Rd., Xizhi, New Taipei City

22181, Taiwan (R.O.C)

2TX 11ax (WiFi6) + BLE Combo Card **Product Name:** 

**Brand Name:** Acer Model No.: AI7921 **Model Difference:** N/A

**Report Number:** E2/2020/C0052 **FCC ID** HLZAI7921W IC: 1754F-AI7921

**FCC Rule Part:** §15.247, Cat: DTS

IC RSS: RSS-247 issue 2 Feb 2017

**Issue Date:** March 25, 2021

Date of Test: December 24, 2020 - March 22, 2021

Date of EUT Received: December 24, 2020

#### 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 tested as described in this report is in compliance with conducted and radiated emission limits.

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

Approved By:

Jay Lin / Asst. Supervisor





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Revision History						
Report Number Revision Description Issue Date Revised By						
E2/2020/C0052	Rev.00	Original.	March 25, 2021	Yi-Shan Tsai		

#### Note:

1 · Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.

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## 1 GENERAL INFORMATION

## 1.1 Product description

Product Name:	2TX 11ax (WiFi6) + BLE Combo Card
Brand Name:	Acer
Model No.:	Al7921
Model Difference:	N/A
Hardware Version:	N/A
Software Version:	N/A
EUT Series No.:	4810MH010002035AD0DE6600
Power Supply:	15.4Vdc from Rechargeable Li-polymer Battery Pack or 19Vdc from AC/DC Adapter

### WLAN for NB

	WEAK_IOI ND				
Wi-Fi 802.11	Frequency Range	Channels	Rated Power (Peak) / EIRP (Worst Case)	Modulation Technology	
b	b		24.29 dBm / 24.28 dBm		
g	2412-2472	472 11 28.60 dBm / 23.97 dBm			
n_HT20 ax_HE20	_		VHT 28.28 dBm / 23.30 dBm	OFDM	
n_HT40 ax_HE40	HT40 2422-2462 7 VHT 27 45 dBm / 21 40 dBm				
Modulation type:		64QAM,	PSK, DBPSK for DSSS 16QAM, QPSK, BPSK for OFDM If for OFDMA in 802.11ax only		
Transistion Rate		802.11 g: 802.11 n <sub>2</sub> 802.11 n <sub>3</sub> 802.11 ax	: 1/2/5.5/11 Mbps : 6/9/12/18/24/36/48/54 Mbps _20MHz: 6.5 – 144.4Mbps _40MHz: 13.5 – 300.0Mbps x_HE20MHz: 7.3 – 286.8 Mbps x_HE40MHz: 14.6 – 573.6 Mbps		

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## **WLAN for TB**

Wi-Fi 802.11	Frequency Range	Channels	Rated Power (Peak) / EIRP (Worst Case)	Modulation Technology
b		24.29 dBm / 25.33 dBm		DSSS,
g	2412-2472	11	11 28.60 dBm / 25.02 dBm	
n_HT20 ax_HE20	_		VHT 28.28 dBm / 24.35 dBm	OFDM
n_HT40 ax_HE40	1 7477-7467			
Modulation	Modulation type:		PSK, DBPSK for DSSS 16QAM, QPSK, BPSK for OFDM If for OFDMA in 802.11ax only	
Transistion Rate 802.1 802.1 802.1 802.1		802.11 g: 802.11 n <sub>.</sub> 802.11 n <sub>.</sub> 802.11 a:	1/2/5.5/11 Mbps 6/9/12/18/24/36/48/54 Mbps _20MHz: 6.5 – 144.4Mbps _40MHz: 13.5 – 300.0Mbps x_HE20MHz: 7.3 – 286.8 Mbps x_HE40MHz: 14.6 – 573.6 Mbps	

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## 1.2 Antenna Designation

### WLAN for NB

Antenna Type	Supplier	Main / Aux	Antenna Part No.	Freq.	Peak Antenna Gain (dBi)	Worst Antenna Gain
DIEA	MAIO	Main	025.901VE.0001	2.4GHz	-0.71	
PIFA	WNC	Aux	025.901VF.0001	2.4GHz	-0.33	٧

Note: Investigation has been done to determine the worst case scenario for the above antennas demonstrated with measurements in this report.

For MIMO mode, higher antenna gains are chosen to ensure higher directional gain is evaluated as below.

Ant. Type	Freq.(MHz)	Peak Gain (dBi)	
PIFA	2.4GHz	2.49	

#### WLAN for TB

Antenna Type	Supplier	Main / Aux	Antenna Part No.	Freq.	Peak Antenna Gain (dBi)	Worst Antenna Gain
DIEA	14/10	Main	025.901VE.0001	2.4GHz	0.93	V
PIFA	WNC	Aux	025.901VF.0001	2.4GHz	0.11	

Note: Investigation has been done to determine the worst case scenario for the above antennas demonstrated with measurements in this report.

For MIMO mode, higher antenna gains are chosen to ensure higher directional gain is evaluated as below.

Ant. Type	Freq.(MHz)	Peak Gain (dBi)
PIFA	2.4GHz	3.54

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## 1.3 Test Methodology of Applied Standards

FCC Part 15, Subpart C §15.247

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

RSS-247 issue 2 Feb. 2017

RSS-Gen. issue 5, Amendment 1, March 2019

ANSI C63.10:2013

## 1.4 Test Facility

Laboratory		Test Site Address	FCC Designa-	IC CAB
Laboratory		Test Site Address	tion number	identifier
		No.134, Wu Kung Road, New Taipei In-		
SGS Taiwan Ltd.		dustrial Park, Wuku District, New Taipei	TW0027	
Central RF Lab.		City, Taiwan.		TW3702
(TAF code 3702)	$\boxtimes$	No.2, Keji 1st Rd., Guishan District,	TW0020	
		Taoyuan City, Taiwan 333	TW0028	

## 1.5 Special Accessories

There are no special accessories used while test was conducted.

## 1.6 Equipment Modifications

There was no modification incorporated into the EUT.

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## 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 Emissions

The EUT is a placed on a table which is 0.8 m above ground plane. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz. The CISPR Quasi-Peak and Average detector mode is employed. The two LISNs provide 50uH/50 ohm of coupling impedance for the measuring instrument. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

## 2.3.2 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.

#### 2.3.3 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\*9m\*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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# 2.5 Configuration of Tested System

Fig. 2-1 Radiated Emission configuration



Fig. 2-2 Conducted (Antenna Port) Configuration Emission



**Table 2-1 Equipment Used in Tested System** 

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Data Cable	Power Cord
1.	WLAN Test Software	N/A	N/A	N/A	N/A	N/A
2	Adaptor	DELTA	ADP-45FE F	N/A	N/A	N/A
3	Power Meter	Anritsu	ML2496A	1512003	N/A	N/A

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# 3 SUMMARY OF TEST RESULTS

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

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## 4 DESCRIPTION OF TEST MODES

## 4.1 Operated in 2400 ~ 2483.5MHz Band

13 channels are provided for 802.11b/g/n/ax 20M.

CHANNEL	FREQUENCY
CHANNEL	(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/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. Test 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

The gevin UE is pre-scanned among below modes.

Modulation	Transmission Chain	Single Transmission Spatial	Multiple Transmission Spatial
⊠ 802.11 b	⊠ Ch0 ⊠ Ch1 □ Ch2 □ Ch3	□ 1TX	⊠ 2TX
⊠ 802.11 g	⊠ Ch0 ⊠ Ch1 □ Ch2 □ Ch3	□ 1TX	⊠ 2TX
⊠ 802.11 n	⊠ Ch0 ⊠ Ch1 □ Ch2 □ Ch3	□ SISO	⊠ MIMO
⊠ 802.11 ax	⊠ Ch0 ⊠ Ch1 □ Ch2 □ Ch3	□ SISO	⊠ 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:

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

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/n/ax WLAN Transmitter for channel Low, Mid and High, the worst case E2 position was reported.

#### 4.4 Antenna Port Conducted Mesurement:

CONDUCTED TEST										
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT					
802.11b	1 to 13	1,6,11,12,13	DSSS	1	2TX					
802.11g	1 to 13	1,6,11,12,13	OFDM	6	2TX					
802.11n 20M	1 to 13	1,6,11,12,13	OFDM	MCS 8	MIMO					
802.11n 40M	3 to 11	3,6,9,12,13	OFDM	MCS 8	MIMO					
802.11ax 20M	1 to 13	1,6,11,12,13	OFDMA	MCS0	MIMO					
802.11ax 40M	3 to 11	3,6,9,12,13	OFDMA	MCS0	MIMO					

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## **MEASUREMENT UNCERTAINTY**

Test Items	Uncertainty		
AC Power Line Conducted Emission	+/- 2.34 dB		
Peak Output Power	+/- 1 dB		
6dB Bandwidth	+/- 1.54 Hz		
100 KHz Bandwidth Of Frequency Band Edges	+/- 1.69 dB		
Peak Power Density	+/- 1.54 dB		
Temperature	+/- 0.4 °C		
Humidity	+/- 3.5 %		
DC / AC Power Source	DC= +/- 1%, AC= +/- 1%		

Radiated Spurious Emission Measurement Uncertainty								
	+/-	2.64	dB	9kHz~30MHz: +-2.3dB				
Polarization: Vertical	+/-	4.93	dB	30MHz - 1000MHz: +/- 3.37dB				
Polarization. Vertical	+/-	4.81	dB	1GHz - 18GHz: +/- 4.04dB				
	+/-	4.52	dB	18GHz - 40GHz: +/- 4.04dB				
	+/-	2.64	dB	9kHz~30MHz: +-2.3dB				
Polarization: Horizontal	+/-	4.45	dB	30MHz - 1000MHz: +/- 4.22dB				
Foianzation. Honzontal	+/-	4.81	dB	1GHz - 18GHz: +/- 4.08dB				
	+/-	4.52	dB	18GHz - 40GHz: +/- 4.08dB				

#### 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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## 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 and the e.i.r.p. shall not exceed 4 W.

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.

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

#### 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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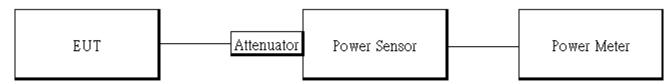
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## 6.2 Measurement Equipment Used

	Conducted Emission Test Site: Conducted A										
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.						
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071574	06/24/2020	06/23/2021						
Power Meter	Anritsu	ML2496A	1512003	07/23/2020	07/22/2021						
Power Sensor	Anritsu	MA2411B	1339378	07/23/2020	07/22/2021						
Power Sensor	Anritsu	MA2411B	1339379	07/23/2020	07/22/2021						
Attenuator	Marvelous	MVE2213-10	RF07	11/19/2020	11/18/2021						
DC Block	PASTERNACK	PE8210	RF151	11/19/2020	11/18/2021						
I Pex4 Cables	Woken	00100A1H646 027	RF502	06/01/2020	05/31/2021						

## 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. Guid-
- 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

## 6.5.1 Peak & Avg

	•							
802.1	1b_2TX							
СН	Freq.	Data Rate		Peak Output Power		Total Peak Output Power	Limit (dBm)	RESULT
	(MHz)	Kale	set	CH 0	CH 1	(dBm)	(ubili)	
1	2412	1	15	20.83	21.68	24.29	30.00	PASS
6	2437	1	14.5	20.90	21.47	24.20	30.00	PASS
11	2462	1	14.5	20.88	21.52	24.22	30.00	PASS
12	2467	1	11	18.11	17.40	20.78	30.00	PASS
13	2472	1	4.5	11.77	11.11	14.46	30.00	PASS
802.1	1b_2TX					•		
				Avg. C	Output	Max. Avg. Output		
СН	Freq.	Data	Power	Po	wer	include tune up	Limit	RESULT
CII	(MHz)	Rate	set	(dE	3m)	tolerance Power	(dBm)	RESULT
				CH 0	CH 1	(dBm)		
1	2412	1	15	18.49	19.01	21.79	30.00	PASS
6	2437	1	14.5	18.32	18.90	21.65	30.00	PASS
11	2462	1	14.5	18.37	18.97	21.71	30.00	PASS
12	2467	1	11	15.57	14.85	18.25	30.00	PASS
13	2472	1	4.5	9.27	8.62	11.99	30.00	PASS

802.1	1g_2TX							
СН	Freq.	Data Rate	Power set	Peak Output Power		Total Peak Output Power	Limit (dBm)	RESULT
	, ,			CH 0	CH 1	(dBm)	,	
1	2412	6	13.5	25.87	23.66	27.91	30.00	PASS
6	2437	6	15	26.02	25.12	28.60	30.00	PASS
11	2462	6	13.5	24.95	23.54	27.31	30.00	PASS
12	2467	6	8	20.23	18.41	22.42	30.00	PASS
13	2472	6	3.5	16.99	14.42	18.90	30.00	PASS
802.1	1g_2TX							
				Avg. C	Output	Max. Avg. Output		
СН	Freq.	Data	Power	Po	wer	include tune up	Limit	ргешт
СП	(MHz)	Rate	set	(dE	Bm)	tolerance Power	(dBm)	RESULT
				CH 0	CH 1	(dBm)		
1	2412	6	13.5	16.95	16.31	19.79	30.00	PASS
6	2437	6	15	18.59	18.07	21.48	30.00	PASS
11	2462	6	13.5	17.15	16.52	19.99	30.00	PASS
12	2467	6	8	11.72	11.24	14.63	30.00	PASS
13	2472	6	3.5	7.15	6.52	9.99	30.00	PASS

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802.1°	1n_HT20I	M MIMO						
СН	Freq.	Data Rate	Power		Output wer	Total Peak Output Power	Limit	RESULT
	(MHz)	Kale	set	CH 0	CH 1	(dBm)	(dBm)	
1	2412	MCS8	14	25.52	23.39	27.59	30.00	PASS
6	2437	MCS8	15	25.88	24.55	28.28	30.00	PASS
11	2462	MCS8	13.5	24.60	22.98	26.88	30.00	PASS
12	2467	MCS8	7	18.69	16.59	20.78	30.00	PASS
13	2472	MCS8	2.5	15.43	12.84	17.34	30.00	PASS
802.1°	1n_HT20I	M MIMO						
				Avg. C	Output	Max. Avg. Output		
СН	Freq.	Data	Power	Pov	wer	include tune up	Limit	RESULT
СП	(MHz)	Rate	set	(dE	Bm)	tolerance Power	(dBm)	RESULT
				CH 0	CH 1	(dBm)		
1	2412	MCS8	14	16.56	16.02	19.45	30.00	PASS
6	2437	MCS8	15	17.94	17.35	20.81	30.00	PASS
11	2462	MCS8	13.5	16.61	16.04	19.49	30.00	PASS
12	2467	MCS8	7	9.96	9.28	12.79	30.00	PASS
13	2472	MCS8	2.5	5.51	5.12	8.47	30.00	PASS

802.1°	1n_HT40	M MIMO						
СН	Freq.	Data Rate	Power		Output wer	Total Peak Output Power	Limit	RESULT
	(IVITIZ)	Rate	set	CH 0	CH 1	(dBm)	(dBm)	
3	2422	MCS8	13	24.67	21.62	26.42	30.00	PASS
6	2437	MCS8	14	25.65	22.75	27.45	30.00	PASS
9	2452	MCS8	13	24.34	21.69	26.22	30.00	PASS
10	2457	MCS8	6.5	18.25	13.72	19.56	30.00	PASS
11	2462	MCS8	4	17.03	13.32	18.57	30.00	PASS
802.1°	1n_HT40	M MIMO						
				Avg. C	Output	Max. Avg. Output		
СН	Freq.	Data	Power	Pov	wer	include tune up	Limit	RESULT
Cii	(MHz)	Rate	set	(dE	Bm)	tolerance Power	(dBm)	KLOULI
				CH 0	CH 1	(dBm)		
3	2422	MCS8	13	14.74	14.15	17.75	30.00	PASS
6	2437	MCS8	14	15.92	15.29	18.91	30.00	PASS
9	2452	MCS8	13	14.75	14.25	17.80	30.00	PASS
10	2457	MCS8	6.5	8.31	7.87	11.39	30.00	PASS
11	2462	MCS8	4	6.21	5.63	9.23	30.00	PASS

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802.1	1ax_HE20	M MIMO	)					
СН	Freq.	Data Rate	Power set		Output wer	Total Peak Output Power	Limit	RESULT
	(IVITIZ)	Kale	Set	CH 0	CH 1	(dBm)	(dBm)	
1	2412	MCS0	13	25.52	22.69	27.34	30.00	PASS
6	2437	MCS0	14.5	25.65	23.82	27.84	30.00	PASS
11	2462	MCS0	12	23.14	21.61	25.45	30.00	PASS
12	2467	MCS0	7	18.74	16.58	20.80	30.00	PASS
13	2472	MCS0	4	16.77	14.14	18.66	30.00	PASS
802.1	1ax_HE20	M MIMO	)					
				Avg. C	Output	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	MCS0	13	15.55	15.03	19.66	30.00	PASS
6	2437	MCS0	14.5	16.65	16.01	20.71	30.00	PASS
11	2462	MCS0	12	15.04	14.45	19.12	30.00	PASS
12	2467	MCS0	7	9.35	8.81	13.46	30.00	PASS
13	2472	MCS0	4	6.81	6.23	10.90	30.00	PASS

802.1	1ax_HE40	м мімо	)					
СН	Freq.	Data	Power		Output wer	Total Peak Output Power	Limit	RESULT
	(MHz)	Rate	set	CH 0	CH 1	(dBm)	(dBm)	
3	2422	MCS0	12	23.41	20.74	25.29	30.00	PASS
6	2437	MCS0	13	24.85	21.64	26.55	30.00	PASS
9	2452	MCS0	11	21.45	20.65	24.08	30.00	PASS
10	2457	MCS0	5	17.35	14.31	3.01	30.00	PASS
11	2462	MCS0	3.5	16.07	13.04	3.01	30.00	PASS
802.1	1ax_HE40	M MIMO	)					
				Avg. C	Output	Max. Avg. Output		
СН	Freq.	Data	Power	Po	wer	include tune up	Limit	RESULT
CII	(MHz)	Rate	set	(dE	3m)	tolerance Power	(dBm)	RESULT
				CH 0	CH 1	(dBm)		
3	2422	MCS0	12	13.51	13.08	17.71	30.00	PASS
6	2437	MCS0	13	14.61	14.05	18.75	30.00	PASS
9	2452	MCS0	11	12.59	12.03	16.73	30.00	PASS
10	2457	MCS0	5	7.16	6.59	11.29	30.00	PASS
11	2462	MCS0	3.5	5.09	4.73	9.32	30.00	PASS

<sup>\*</sup> Note: The duty cycle factor is compensated to obtain the maximum value of measurement in average.

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#### 6.5.2 EIRP

## WLAN\_for NB

802.11	302.11b_2TX													
СН	CH Freq. (MHz)	Data Rate	Avg. C	-	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit (dBm)	RESULT					
	(IVITIZ)	Nate	CH 0	CH 1	(dBm)	(dBi)	(ubiii)	(ubiii)						
1	2412	1	18.49	19.01	21.79	2.49	24.28	36	PASS					
6	2437	1	18.32	18.90	21.65	2.49	24.14	36	PASS					
11	2462	1	18.37	18.97	21.71	2.49	24.20	36	PASS					
12	2467	1	15.57	14.85	18.25	2.49	20.74	36	PASS					
13	2472	1	9.27	8.62	11.99	2.49	14.48	36	PASS					

802.11	302.11g_2TX														
СН	CH Freq. (MHz)	Data Rate	Avg. C	-	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit (dBm)	RESULT						
	(141112)	Nate	CH 0	CH 1	(dBm)	(dBi)	(ubiii)	(ubiii)							
1	2412	6	16.95	16.31	19.79	2.49	22.28	36	PASS						
6	2437	6	18.59	18.07	21.48	2.49	23.97	36	PASS						
11	2462	6	17.15	16.52	19.99	2.49	22.48	36	PASS						
12	2467	6	11.72	11.24	14.63	2.49	17.12	36	PASS						
13	2472	6	7.15	6.52	9.99	2.49	12.48	36	PASS						

802.11	802.11n_HT20M MIMO														
СН	Freq.	Data Rate	Avg. C	Output wer	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit (dBm)	RESULT						
	(141112)	Nate	CH 0	CH 1	(dBm)	(dBi)	(dDill)	(ubiii)							
1	2412	MCS8	16.56	16.02	19.45	2.49	21.94	36	PASS						
6	2437	MCS8	17.94	17.35	20.81	2.49	23.30	36	PASS						
11	2462	MCS8	16.61	16.04	19.49	2.49	21.98	36	PASS						
12	2467	MCS8	9.96	9.28	12.79	2.49	15.28	36	PASS						
13	2472	MCS8	5.51	5.12	8.47	2.49	10.96	36	PASS						

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802.11	02.11n_HT40M MIMO														
СН	Freq.	Data Rate	Avg. C	Output wer	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit (dBm)	RESULT						
	(141112)	Nate	CH 0	CH 1	(dBm)	(dBi)	(ubiii)	(ubiii)							
3	2422	MCS8	14.74	14.15	17.75	2.49	20.24	36	PASS						
6	2437	MCS8	15.92	15.29	18.91	2.49	21.40	36	PASS						
9	2452	MCS8	14.75	14.25	17.80	2.49	20.29	36	PASS						
10	2457	MCS8	8.31	7.87	11.39	2.49	13.88	36	PASS						
11	2462	MCS8	6.21	5.63	9.23	2.49	11.72	36	PASS						

802.11	302.11ax_HE20M MIMO														
СН	Freq. Data (MHz) Rate		Avg. C	Output wer	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit	RESULT						
	(IVITIZ)	Nate	CH 0	CH 1	(dBm)	(dBi)	(ubiii)								
1	2412	MCS0	15.55	15.03	19.66	2.49	22.15	36	PASS						
6	2437	MCS0	16.65	16.01	20.71	2.49	23.20	36	PASS						
11	2462	MCS0	15.04	14.45	19.12	2.49	21.61	36	PASS						
12	2467	MCS0	9.35	8.81	13.46	2.49	15.95	36	PASS						
13	2472	MCS0	6.81	6.23	10.90	2.49	13.39	36	PASS						

802.11	302.11ax_HE40M MIMO														
СН	Freq.	Data Rate	Avg. C	•	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit	RESULT						
	(141112)	Nate	CH 0	CH 1	(dBm)	(dBi)	(dDill)								
3	2422	MCS0	13.51	13.08	17.71	2.49	20.20	36	PASS						
6	2437	MCS0	14.61	14.05	18.75	2.49	21.24	36	PASS						
9	2452	MCS0	12.59	12.03	16.73	2.49	19.22	36	PASS						
10	2457	MCS0	7.16	6.59	11.29	2.49	13.78	36	PASS						
11	2462	MCS0	5.09	4.73	9.32	2.49	11.81	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.



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#### WLAN\_for TB

802.11	302.11b_2TX														
СН	CH Freq. (MHz)	Data Rate	Avg. C	•	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit (dBm)	RESULT						
	(141112)	Nate	CH 0	CH 1	(dBm)	(dBi)	(ubiii)	(ubiii)							
1	2412	1	18.49	19.01	21.79	3.54	25.33	36	PASS						
6	2437	1	18.32	18.90	21.65	3.54	25.19	36	PASS						
11	2462	1	18.37	18.97	21.71	3.54	25.25	36	PASS						
12	2467	1	15.57	14.85	18.25	3.54	21.79	36	PASS						
13	2472	1	9.27	8.62	11.99	3.54	15.53	36	PASS						

802.11	302.11g_2TX														
СН	CH Freq. (MHz)	Data Rate	Avg. C	-	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit (dBm)	RESULT						
	(141112)	Nate	CH 0	CH 1	(dBm)	(dBi)	(ubiii)	(ubiii)							
1	2412	6	16.95	16.31	19.79	3.54	23.33	36	PASS						
6	2437	6	18.59	18.07	21.48	3.54	25.02	36	PASS						
11	2462	6	17.15	16.52	19.99	3.54	23.53	36	PASS						
12	2467	6	11.72	11.24	14.63	3.54	18.17	36	PASS						
13	2472	6	7.15	6.52	9.99	3.54	13.53	36	PASS						

802.11	02.11n_HT20M MIMO														
СН	CH Freq. (MHz)	Data Rate	Avg. C	Output wer	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit (dBm)	RESULT						
	(141112)	Nate	CH 0	CH 1	(dBm)	(dBi)	(dDill)	(abiii)							
1	2412	MCS8	16.56	16.02	19.45	3.54	22.99	36	PASS						
6	2437	MCS8	17.94	17.35	20.81	3.54	24.35	36	PASS						
11	2462	MCS8	16.61	16.04	19.49	3.54	23.03	36	PASS						
12	2467	MCS8	9.96	9.28	12.79	3.54	16.33	36	PASS						
13	2472	MCS8	5.51	5.12	8.47	3.54	12.01	36	PASS						

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802.11	02.11n_HT40M MIMO														
СН	Freq.	Data Rate	Avg. C	Output wer	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit (dBm)	RESULT						
	(141112)	Nate	CH 0	CH 1	(dBm)	(dBi)	(ubiii)	(ubiii)							
3	2422	MCS8	14.74	14.15	17.75	3.54	21.29	36	PASS						
6	2437	MCS8	15.92	15.29	18.91	3.54	22.45	36	PASS						
9	2452	MCS8	14.75	14.25	17.80	3.54	21.34	36	PASS						
10	2457	MCS8	8.31	7.87	11.39	3.54	14.93	36	PASS						
11	2462	MCS8	6.21	5.63	9.23	3.54	12.77	36	PASS						

802.11	02.11ax_HE20M MIMO										
СН	Freq.	Data Rate	Avg. C	Output wer	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit	RESULT		
	(141112)	Nate	CH 0	CH 1	(dBm)	(dBi)	(ubiii)				
1	2412	MCS0	15.55	15.03	19.66	3.54	23.20	36	PASS		
6	2437	MCS0	16.65	16.01	20.71	3.54	24.25	36	PASS		
11	2462	MCS0	15.04	14.45	19.12	3.54	22.66	36	PASS		
12	2467	MCS0	9.35	8.81	13.46	3.54	17.00	36	PASS		
13	2472	MCS0	6.81	6.23	10.90	3.54	14.44	36	PASS		

802.11	02.11ax_HE40M MIMO										
СН	Freq.	Data Rate	Avg. C	•	Total Avg. Output Power	Antenna Gain	EIRP (dBm)	Limit	RESULT		
	(141112)	Nate	CH 0	CH 1	(dBm)	(dBi)	(dDill)				
3	2422	MCS0	13.51	13.08	17.71	3.54	21.25	36	PASS		
6	2437	MCS0	14.61	14.05	18.75	3.54	22.29	36	PASS		
9	2452	MCS0	13.74	13.21	17.89	3.54	21.43	36	PASS		
10	2457	MCS0	7.16	6.59	11.29	3.54	14.83	36	PASS		
11	2462	MCS0	5.09	4.73	9.32	3.54	12.86	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.



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## 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.
- 2. Emission level (dB $\mu$ V/m) = 20 log Emission level ( $\mu$ V/m)

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## 7.2 Measurement Equipment Used:

	Radiated Emission Test Site: SAC C								
EQUIPMENT	MFR	MODEL	SERIAL	LAST	CAL DUE.				
TYPE		NUMBER	NUMBER	CAL.					
Horn Antenna	Schwarzbeck	BBHA9170	185	07/30/2020	07/29/2021				
Horn Antenna	Schwarzbeck	BBHA9120D	1187	01/11/2021	01/10/2022				
EMI Test Receiver	R&S	ESU 40	100363	04/29/2020	04/28/2021				
Pre-Amplifier	EMC Instruments	EMC0011830	980199	11/19/2020	11/18/2021				
Pre-Amplifier	EMC Instruments	EMC184045B	980135	10/27/2020	10/26/2021				
Attenuator	Marvelous	WATT-218FS-10	RF20	11/19/2020	11/18/2021				
Band Rejection Fil- ter	Micro-Tronics	BRM50701-01	RF201	11/19/2020	11/18/2021				
Coaxial Cable	Huber Suhner	SUCOFLEX 104	MY17388/4	11/19/2020	11/18/2021				
Coaxial Cable	Huber Suhner	RG 214/U	W22.03	11/19/2020	11/18/2021				
Test Software	audix	e3	20923 sgs Ver.9	N.C.R	N.C.R				

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

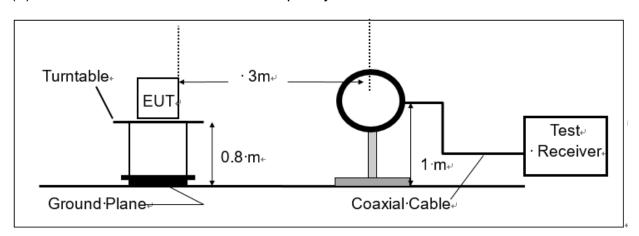
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.



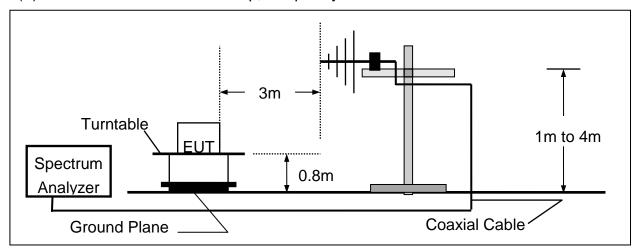
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#### 7.3 Test SET-UP

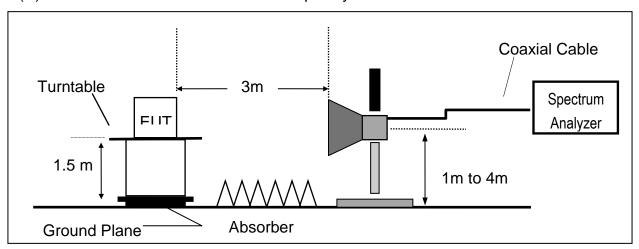
(A) Radiated Emission Test Set-UP Frequency Below 30MHz.



(B) Radiated Emission Test Set-Up, Frequency form 30MHz to 1000MHz



(C) Radiated Emission Test Set-UP Frequency Over 1 GHz



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#### 7.4 Measurement Procedure

- 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=120 kHz and VBW=300 kHz for Peak Detector (PK) and Quasi-peak (QP) at frequency below 1 GHz.
- 7. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz for Peak Detector at frequency above 1 GHz.
- 8. 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.
- 9. 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.
- 10. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 11. 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.
- 12. 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)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

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

Actual  $FS(dB\mu V/m) = SPA$ . Reading level $(dB\mu V) + Factor(dB)$ 

 $Factor(dB) = Antenna\ Factor(dB\mu V/m) + Cable\ Loss(dB) - Pre\_Amplifier\ Gain(dB)$ 

## 7.6 Test Results of Radiated Spurious Emissions form 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.
- Measurements are completed at peak and average level, the mark of average is the highest emission in restricted bands

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## 7.7.1 Radiated Band Edge Measurement Result

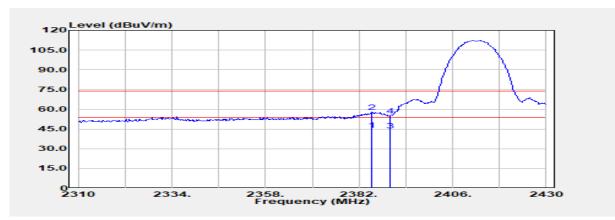
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11b **Test Date** :2021-01-29

Test Frequency :2412 MHz Temp./Humi. :21.1/52

Test Mode :BE CH LOW Antenna Pol. :Vertical

**EUT Pol** :Enzo Chang :NB Plan Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2385.385	Average	39.27	4.98	44.25	54.00	-9.75
2385.385	Peak	53.04	4.98	58.02	74.00	-15.98
2390.000	Average	38.84	5.18	44.02	54.00	-9.98
2390.000	Peak	49.88	5.18	55.06	74.00	-18.94

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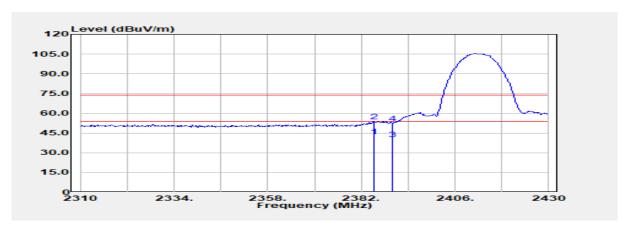
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11b Test Date :2021-01-29

Test Frequency :2412 MHz Temp./Humi. :21.1/52

Test Mode :BE CH LOW Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2385.385	Average	37.61	4.98	42.59	54.00	-11.41
2385.385	Peak	48.89	4.98	53.86	74.00	-20.14
2390.000	Average	35.27	5.18	40.45	54.00	-13.55
2390.000	Peak	47.24	5.18	52.42	74.00	-21.58

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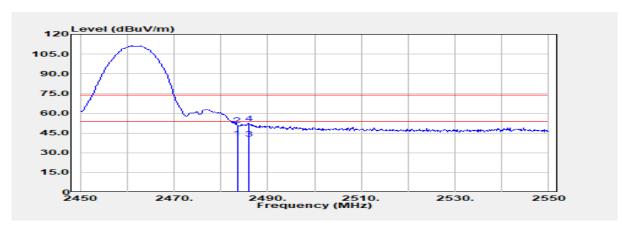
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11b Test Date :2021-01-29

Test Frequency :2462 MHz Temp./Humi. :21.1/52 Test Mode :BE CH HIGH Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2483.500	Average	37.11	4.04	41.15	54.00	-12.85
2483.500	Peak	47.07	4.04	51.10	74.00	-22.90
2485.897	Average	36.92	4.01	40.93	54.00	-13.07
2485.897	Peak	48.44	4.01	52.45	74.00	-21.55

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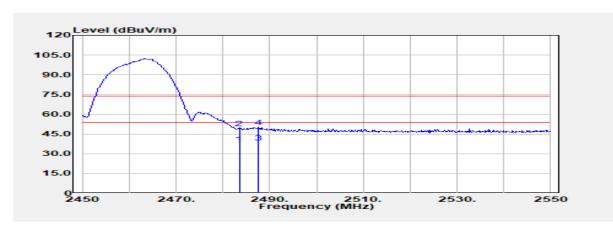
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11b Test Date :2021-01-29

Test Frequency :2462 MHz Temp./Humi. :21.1/52

Test Mode :BE CH HIGH Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
2483.500	Average	33.73	4.04	37.77	54.00	-16.23
2483.500	Peak	45.23	4.04	49.27	74.00	-24.73
2487.660	Average	34.45	4.00	38.45	54.00	-15.55
2487.660	Peak	46.08	4.00	50.08	74.00	-23.92

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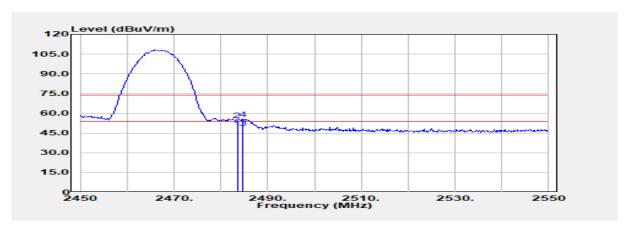
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11b Test Date :2021-01-29

Test Frequency :2467 MHz Temp./Humi. :21.1/52 Test Mode :BE CH 12 Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	44.25	4.04	48.29	54.00	-5.71
2483.500	Peak	50.72	4.04	54.76	74.00	-19.24
2484.776	Average	44.76	4.02	48.78	54.00	-5.22
2484.776	Peak	51.77	4.02	55.79	74.00	-18.21

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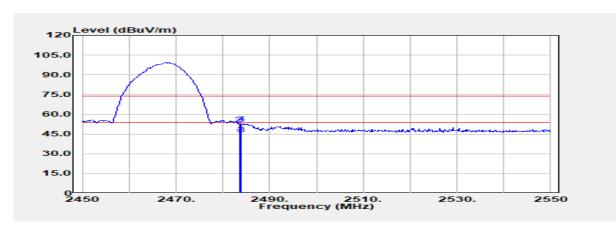
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11b Test Date :2021-01-29

Test Frequency :2467 MHz Temp./Humi. :21.1/52

Test Mode :BE CH 12 Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	39.64	4.04	43.68	54.00	-10.32
2483.500	Peak	48.54	4.04	52.58	74.00	-21.42
2483.814	Average	40.81	4.03	44.84	54.00	-9.16
2483.814	Peak	48.95	4.03	52.98	74.00	-21.02

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.



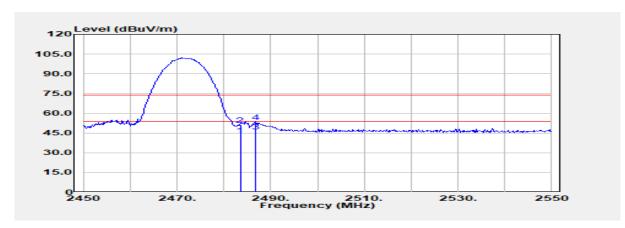
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11b Test Date :2021-01-29

Test Frequency :2472 MHz Temp./Humi. :21.1/52 Test Mode :BE CH 13 Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2483.500	Average	39.61	4.04	43.65	54.00	-10.35
2483.500	Peak	47.33	4.04	51.36	74.00	-22.64
2486.859	Average	42.09	4.00	46.09	54.00	-7.91
2486.859	Peak	49.50	4.00	53.50	74.00	-20.50

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.



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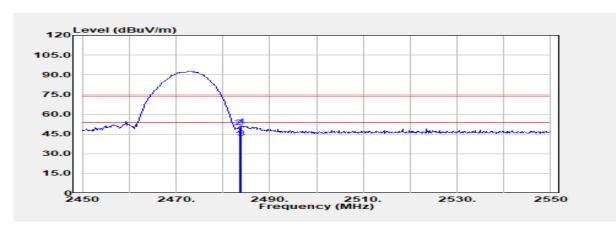
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11b Test Date :2021-01-29

Test Frequency :2472 MHz Temp./Humi. :21.1/52

Test Mode :BE CH 13 Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Enzo Chang Engineer



F	req.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
1	MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
248	83.500	Average	37.81	4.04	41.85	54.00	-12.15
248	33.500	Peak	46.01	4.04	50.04	74.00	-23.96
248	33.974	Average	38.15	4.03	42.18	54.00	-11.82
248	83.974	Peak	46.96	4.03	50.99	74.00	-23.01

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.



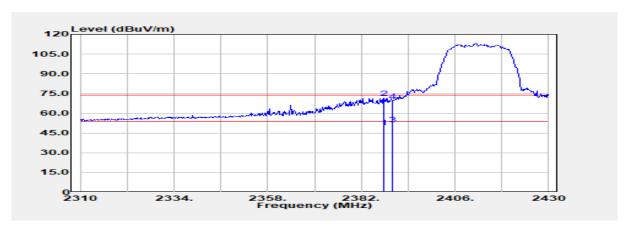
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-29

Test Frequency :2412 MHz Temp./Humi. :21.1/52 Test Mode :BE CH LOW Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2387.692	Average	44.09	5.08	49.17	54.00	-4.83
2387.692	Peak	66.58	5.08	71.66	74.00	-2.34
2390.000	Average	46.29	5.18	51.47	54.00	-2.53
2390.000	Peak	64.29	5.18	69.47	74.00	-4.53

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.



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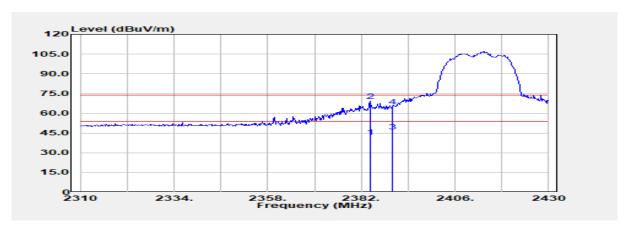
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-29

Test Frequency :2412 MHz Temp./Humi. :21.1/52

Test Mode :BE CH LOW Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2384.231	Average	37.31	4.93	42.24	54.00	-11.76
2384.231	Peak	64.58	4.93	69.50	74.00	-4.50
2390.000	Average	41.09	5.18	46.27	54.00	-7.73
2390.000	Peak	60.13	5.18	65.31	74.00	-8.69

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.



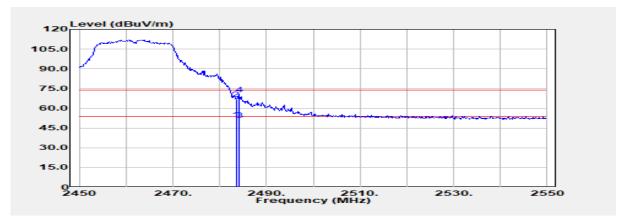
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-29

Test Frequency :2462 MHz Temp./Humi. :21.1/52 Test Mode :BE CH HIGH Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	47.71	4.04	51.75	54.00	-2.25
2483.500	Peak	63.11	4.04	67.15	74.00	-6.85
2484.135	Average	47.32	4.03	51.35	54.00	-2.65
2484.135	Peak	66.39	4.03	70.42	74.00	-3.58

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.



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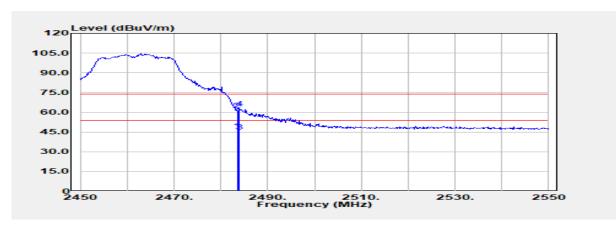
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-29

Test Frequency :2462 MHz Temp./Humi. :21.1/52

Test Mode :BE CH HIGH Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	41.94	4.04	45.98	54.00	-8.02
2483.500	Peak	57.45	4.04	61.48	74.00	-12.52
2483.974	Average	41.34	4.03	45.37	54.00	-8.63
2483.974	Peak	58.93	4.03	62.96	74.00	-11.04

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.



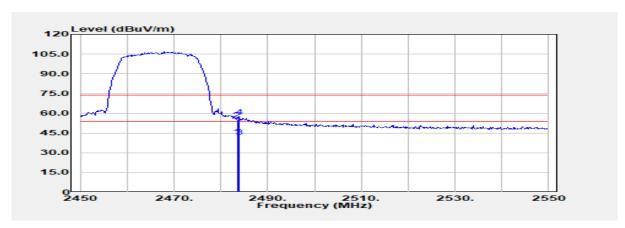
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-29

Test Frequency :2467 MHz Temp./Humi. :21.1/52 Test Mode :BE CH 12 Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	38.62	4.04	42.66	54.00	-11.34
2483.500	Peak	51.24	4.04	55.28	74.00	-18.72
2483.974	Average	38.04	4.03	42.07	54.00	-11.93
2483.974	Peak	53.43	4.03	57.46	74.00	-16.54

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.



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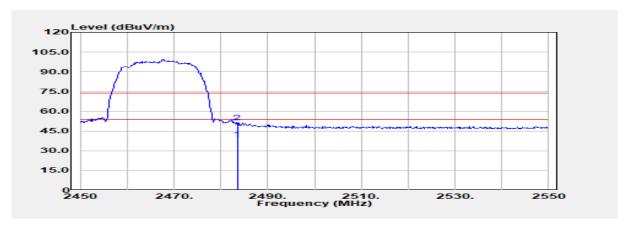
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-29

Test Frequency :2467 MHz Temp./Humi. :21.1/52

Test Mode :BE CH 12 Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	35.12	4.04	39.16	54.00	-14.84
2483.500	Peak	47.71	4.04	51.75	74.00	-22.25

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.



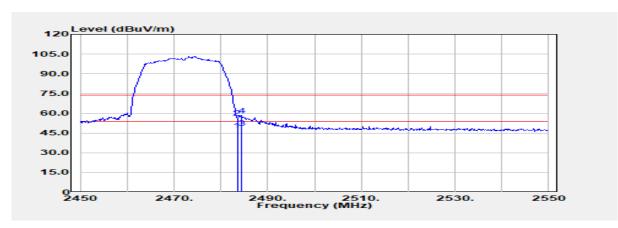
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-29

Test Frequency :2472 MHz Temp./Humi. :21.1/52 Test Mode :BE CH 13 Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	43.04	4.04	47.08	54.00	-6.92
2483.500	Peak	52.69	4.04	56.73	74.00	-17.27
2484.295	Average	44.66	4.03	48.69	54.00	-5.31
2484.295	Peak	54.47	4.03	58.50	74.00	-15.50

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.



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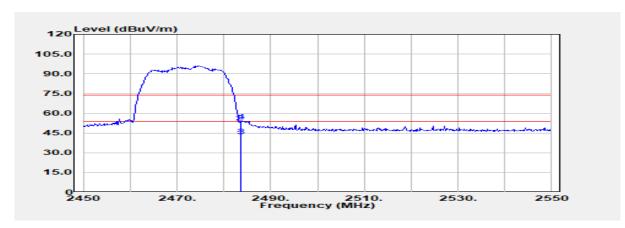
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-29

Test Frequency :2472 MHz Temp./Humi. :21.1/52

Test Mode :BE CH 13 Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	37.64	4.04	41.68	54.00	-12.32
2483.500	Peak	49.07	4.04	53.11	74.00	-20.89
2483.654	Average	38.35	4.03	42.38	54.00	-11.62
2483.654	Peak	50.08	4.03	54.11	74.00	-19.89

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.



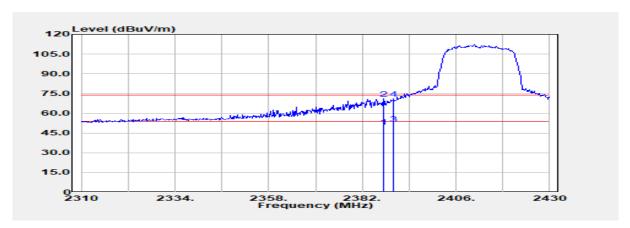
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n20 Test Date :2021-01-29

Test Frequency :2412 MHz Temp./Humi. :20.8/55 Test Mode :BE CH LOW Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2387.308	Average	44.85	5.06	49.91	54.00	-4.09
2387.308	Peak	66.08	5.06	71.14	74.00	-2.86
2390.000	Average	46.74	5.18	51.92	54.00	-2.08
2390.000	Peak	65.79	5.18	70.97	74.00	-3.03

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.



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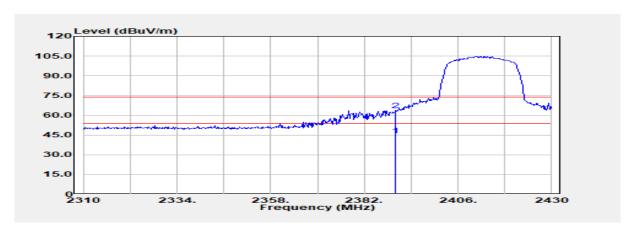
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n20 Test Date :2021-01-29

Test Frequency :2412 MHz Temp./Humi. :20.8/55

Test Mode :BE CH LOW Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2390.000	Average	39.87	5.18	45.05	54.00	-8.95
2390.000	Peak	58.74	5.18	63.92	74.00	-10.08

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.



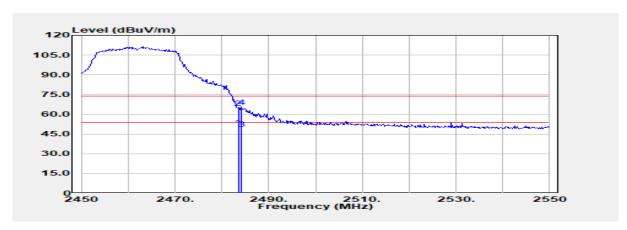
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n20 Test Date :2021-01-29

Test Frequency :2462 MHz Temp./Humi. :20.8/55 Test Mode :BE CH HIGH Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	46.42	4.04	50.46	54.00	-3.54
2483.500	Peak	60.53	4.04	64.57	74.00	-9.43
2484.135	Average	45.08	4.03	49.11	54.00	-4.89
2484.135	Peak	61.84	4.03	65.87	74.00	-8.13

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.



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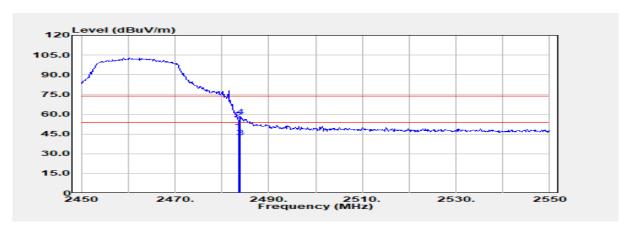
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n20 Test Date :2021-01-29

Test Frequency :2462 MHz Temp./Humi. :20.8/55

Test Mode :BE CH HIGH Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	43.39	4.04	47.43	54.00	-6.57
2483.500	Peak	51.98	4.04	56.02	74.00	-17.98
2483.974	Average	38.68	4.03	42.71	54.00	-11.29
2483.974	Peak	54.17	4.03	58.20	74.00	-15.80

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.



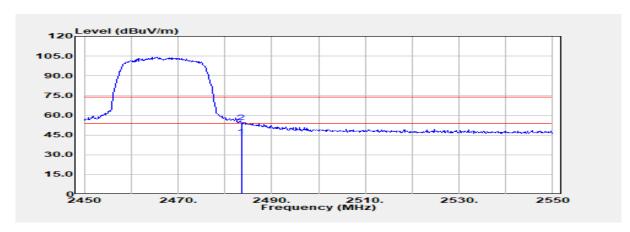
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11n20 Test Date :2021-01-29

Test Frequency :2467 MHz Temp./Humi. :20.8/55 Test Mode :BE CH 12 Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Enzo Chang Engineer



	Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
_	MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
	2483.500	Average	40.09	4.04	44.13	54.00	-9.87
	2483.500	Peak	50.71	4.04	54.75	74.00	-19.25

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.



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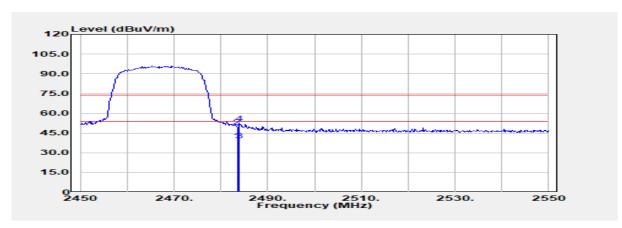
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n20 Test Date :2021-01-29

:2467 MHz Test Frequency Temp./Humi. :20.8/55

Test Mode :BE CH 12 Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	35.58	4.04	39.62	54.00	-14.38
2483.500	Peak	45.67	4.04	49.70	74.00	-24.30
2483.974	Average	35.53	4.03	39.56	54.00	-14.44
2483.974	Peak	48.27	4.03	52.31	74.00	-21.69

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.



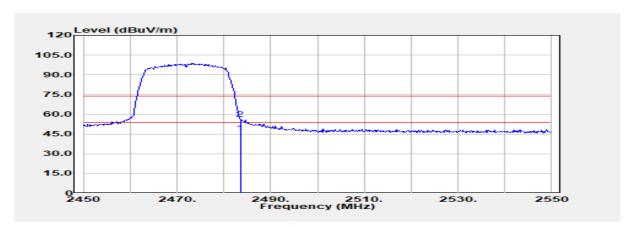
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n20 Test Date :2021-01-29

Test Frequency :2472 MHz Temp./Humi. :19.9/41 Test Mode :BE CH 13 Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBμV/m	dB
2483.500	Average	42.34	4.04	46.38	54.00	-7.62
2483.500	Peak	52.41	4.04	56.44	74.00	-17.56

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.



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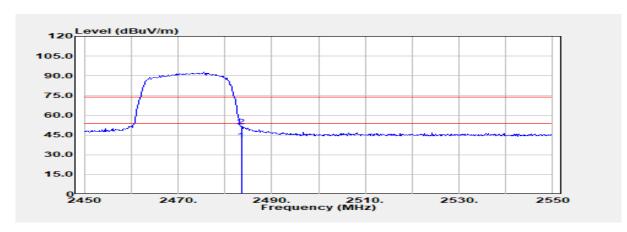
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n20 Test Date :2021-01-29

Test Frequency :2472 MHz Temp./Humi. :19.9/41

Test Mode :BE CH 13 Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	36.97	4.04	41.01	54.00	-12.99
2483.500	Peak	47.49	4.04	51.52	74.00	-22.48

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.



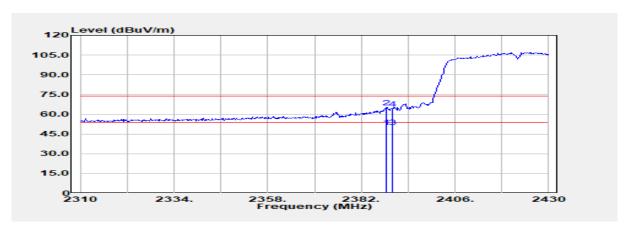
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n40 Test Date :2021-01-29

Test Frequency :2422 MHz Temp./Humi. :20.0/41 Test Mode :BE CH LOW Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2388.461	Average	45.06	5.11	50.17	54.00	-3.83
2388.461	Peak	60.09	5.11	65.20	74.00	-8.80
2390.000	Average	45.30	5.18	50.48	54.00	-3.52
2390.000	Peak	59.11	5.18	64.29	74.00	-9.71

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.



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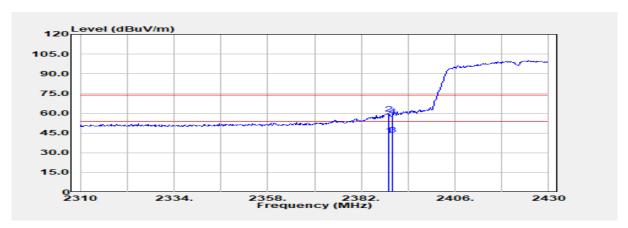
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11n40 Test Date :2021-01-29

Test Frequency :2422 MHz Temp./Humi. :20.0/41

Test Mode :BE CH LOW Antenna Pol. :Horizontal

:Ashton Chiu **EUT Pol** :NB Plan Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2389.039	Average	38.50	5.14	43.64	54.00	-10.36
2389.039	Peak	54.57	5.14	59.71	74.00	-14.29
2390.000	Average	38.65	5.18	43.83	54.00	-10.17
2390.000	Peak	52.91	5.18	58.09	74.00	-15.91

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.



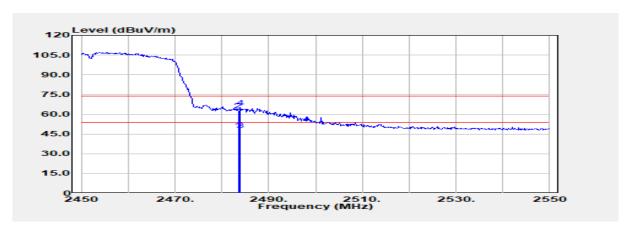
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n40 Test Date :2021-02-09

Test Frequency :2452 MHz Temp./Humi. :21.8/51 Test Mode :BE CH HIGH Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	43.97	4.04	48.01	54.00	-5.99
2483.500	Peak	58.92	4.04	62.95	74.00	-11.05
2483.974	Average	44.11	4.03	48.14	54.00	-5.86
2483.974	Peak	60.99	4.03	65.02	74.00	-8.98

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.



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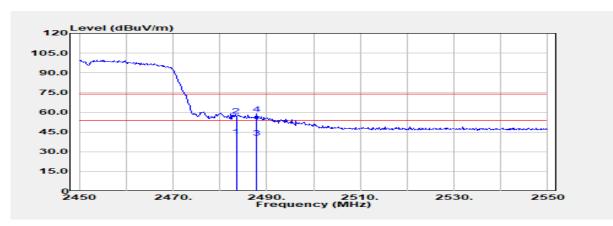
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n40 Test Date :2021-02-09

Test Frequency :2452 MHz Temp./Humi. :21.8/51

Test Mode :BE CH HIGH Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Ashton Chiu Engineer



	Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
_	MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBμV/m	dB
	2483.500	Average	37.85	4.04	41.89	54.00	-12.11
	2483.500	Peak	53.45	4.04	57.48	74.00	-16.52
	2487.821	Average	36.94	4.00	40.94	54.00	-13.06
	2487.821	Peak	54.98	4.00	58.97	74.00	-15.03

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.



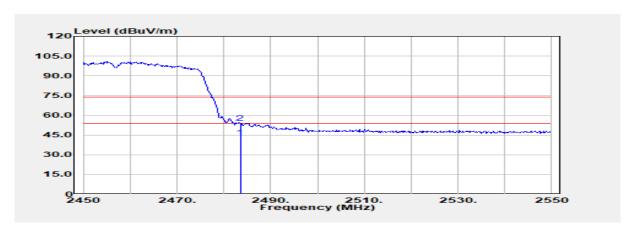
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n40 Test Date :2021-01-29

Test Frequency :2457 MHz Temp./Humi. :20.3/40 Test Mode :BE CH 10 Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	39.62	4.04	43.66	54.00	-10.34
2483.500	Peak	50.33	4.04	54.37	74.00	-19.63

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.



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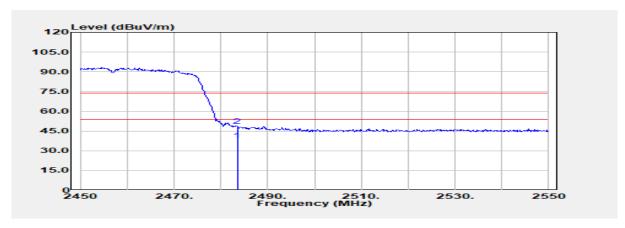
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n40 Test Date :2021-01-29

Test Frequency :2457 MHz Temp./Humi. :20.3/40

Test Mode :BE CH 10 Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	34.08	4.04	38.12	54.00	-15.88
2483.500	Peak	44.91	4.04	48.95	74.00	-25.05

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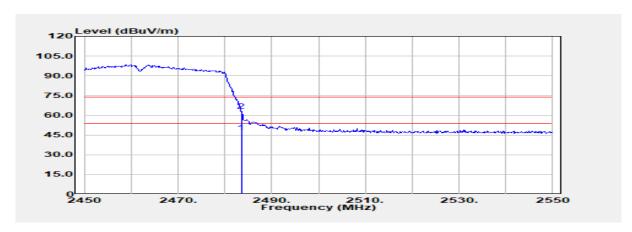
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n40 Test Date :2021-01-29

Test Frequency :2462 MHz Temp./Humi. :20.3/40 Test Mode :BE CH 11 Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	43.17	4.04	47.21	54.00	-6.79
2483.500	Peak	59.29	4.04	63.32	74.00	-10.68

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.



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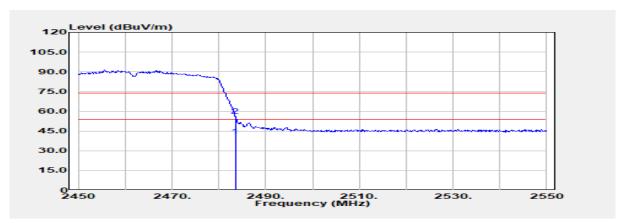
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11n40 Test Date :2021-01-29

Test Frequency :2462 MHz Temp./Humi. :20.3/40

Test Mode :BE CH 11 Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	36.96	4.04	41.00	54.00	-13.00
2483.500	Peak	52.67	4.04	56.71	74.00	-17.29

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.



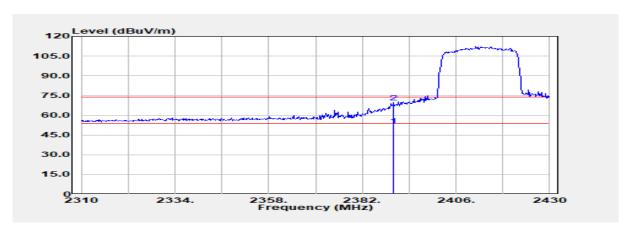
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-29

Test Frequency :2412 MHz Temp./Humi. :20.4/40 Test Mode :BE CH LOW FULL RU Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2390.000	Average	46.67	5.18	51.85	54.00	-2.15
2390.000	Peak	64.36	5.18	69.54	74.00	-4.46

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.



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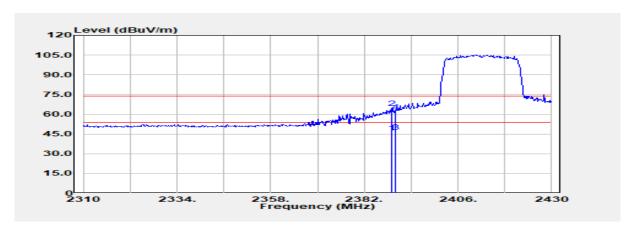
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-29

Test Frequency :2412 MHz Temp./Humi. :20.4/40

Test Mode :BE CH LOW FULL RU Antenna Pol. :Horizontal

:Ashton Chiu **EUT Pol** :NB Plan Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2389.039	Average	41.01	5.14	46.15	54.00	-7.85
2389.039	Peak	59.50	5.14	64.64	74.00	-9.36
2390.000	Average	41.43	5.18	46.61	54.00	-7.39
2390.000	Peak	56.81	5.18	61.99	74.00	-12.01

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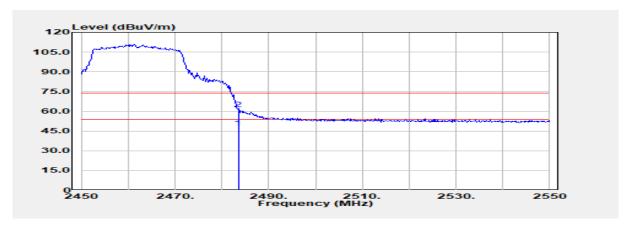
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-29

Test Frequency :2462 MHz Temp./Humi. :20.5/43 Test Mode :BE CH HIGH FULL RU Antenna Pol. :Vertical

:NB Plan **EUT Pol** :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	43.48	4.04	47.52	54.00	-6.48
2483.500	Peak	57.40	4.04	61.43	74.00	-12.57

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.



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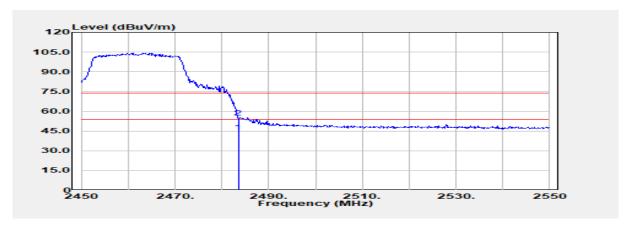
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-29

Test Frequency :2462 MHz Temp./Humi. :20.5/43

Test Mode :BE CH HIGH FULL RU Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Ashton Chiu Engineer



	Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
_	MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
	2483.500	Average	40.39	4.04	44.43	54.00	-9.57
	2483.500	Peak	51.23	4.04	55.27	74.00	-18.73

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.



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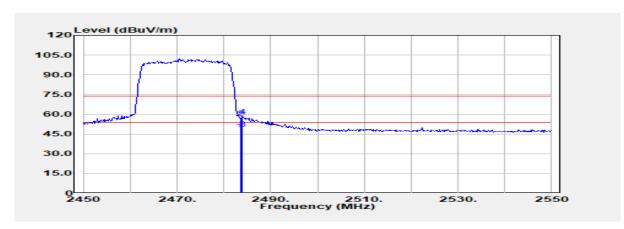
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-29

Test Frequency :2467 MHz Temp./Humi. :20.8/42

Test Mode :BE CH 12 FULL RU Antenna Pol. :Vertical

:NB Plan **EUT Pol** :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2483.500	Average	43.67	4.04	47.71	54.00	-6.29
2483.500	Peak	53.17	4.04	57.21	74.00	-16.79
2483.974	Average	44.91	4.03	48.94	54.00	-5.06
2483.974	Peak	54.25	4.03	58.28	74.00	-15.72

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.



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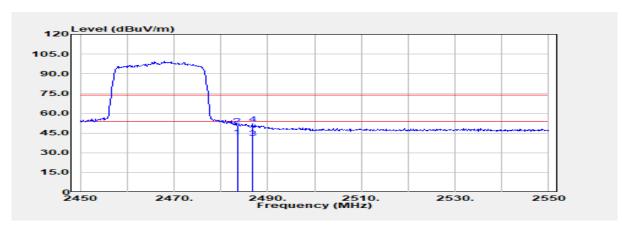
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-29

Test Frequency :2467 MHz Temp./Humi. :20.8/42

Test Mode :BE CH 12 FULL RU Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	38.04	4.04	42.08	54.00	-11.92
2483.500	Peak	46.79	4.04	50.82	74.00	-23.18
2486.699	Average	37.15	4.01	41.16	54.00	-12.84
2486.699	Peak	47.97	4.01	51.98	74.00	-22.02

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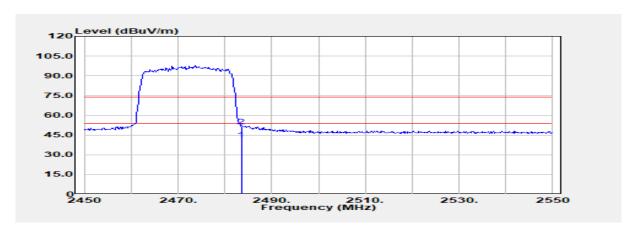
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-29

Test Frequency :2472 MHz Temp./Humi. :20.8/40

Test Mode :BE CH 13 FULL RU Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	37.70	4.04	41.74	54.00	-12.26
2483.500	Peak	47.75	4.04	51.78	74.00	-22.22

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.



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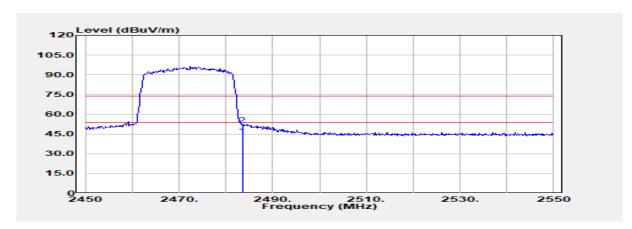
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-29

Test Frequency :2472 MHz Temp./Humi. :20.8/40

Test Mode :BE CH 13 FULL RU Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Ashton Chiu Engineer



	Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
_	MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
	2483.500	Average	39.71	4.04	43.75	54.00	-10.25
	2483.500	Peak	47.82	4.04	51.85	74.00	-22.15

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.



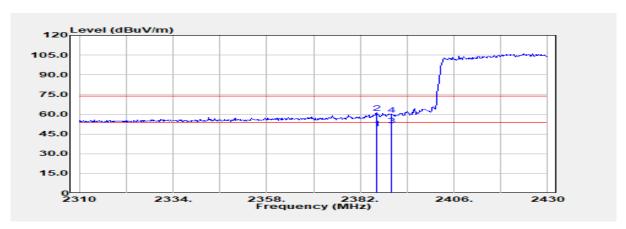
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-29

Test Frequency :2422 MHz Temp./Humi. :20.9/40 Test Mode :BE CH LOW FULL RU Antenna Pol. :Vertical

:NB Plan **EUT Pol** :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2386.154	Average	44.24	5.01	49.25	54.00	-4.75
2386.154	Peak	56.01	5.01	61.02	74.00	-12.98
2390.000	Average	46.66	5.18	51.84	54.00	-2.16
2390.000	Peak	54.64	5.18	59.82	74.00	-14.18

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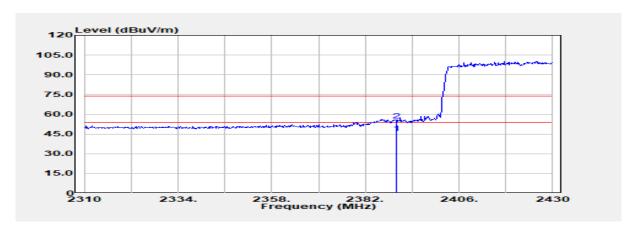
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-29

Test Frequency :2422 MHz Temp./Humi. :20.9/40

Test Mode :BE CH LOW FULL RU Antenna Pol. :Horizontal

:NB Plan **EUT Pol** :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2390.000	Average	40.48	5.18	45.66	54.00	-8.34
2390.000	Peak	50.24	5.18	55.42	74.00	-18.58

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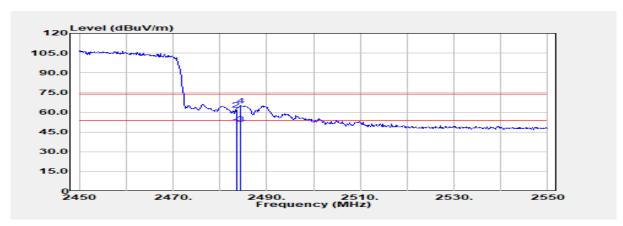
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-29

Test Frequency :2452 MHz Temp./Humi. :20.9/39

Test Mode :BE CH HIGH FULL RU Antenna Pol. :Vertical

:NB Plan **EUT Pol** :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	45.67	4.04	49.71	54.00	-4.29
2483.500	Peak	58.23	4.04	62.26	74.00	-11.74
2484.455	Average	47.34	4.03	51.37	54.00	-2.63
2484.455	Peak	61.16	4.03	65.19	74.00	-8.81

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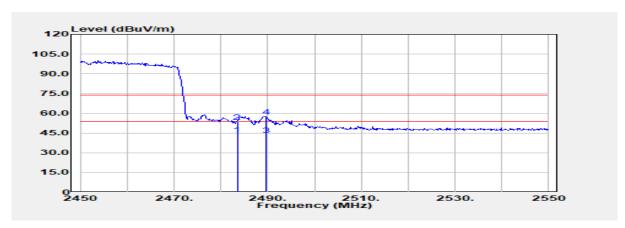
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-29

Test Frequency :2452 MHz Temp./Humi. :20.9/39

Test Mode :BE CH HIGH FULL RU Antenna Pol. :Horizontal

:NB Plan **EUT Pol** :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dΒμV/m	dB
2483.500	Average	39.85	4.04	43.89	54.00	-10.11
2483.500	Peak	49.36	4.04	53.39	74.00	-20.61
2489.744	Average	39.30	3.98	43.28	54.00	-10.72
2489.744	Peak	53.74	3.98	57.72	74.00	-16.28

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.



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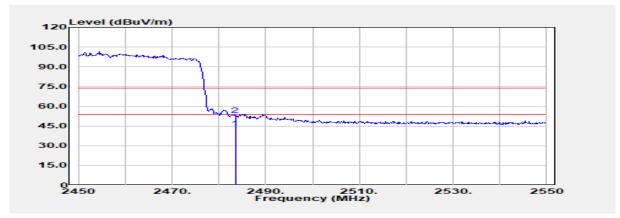
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-29

Test Frequency :2457 MHz Temp./Humi. :20.9/39

Test Mode :BE CH 10 FULL RU Antenna Pol. :Vertical

**EUT Pol** :NB Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	39.59	4.04	43.63	54.00	-10.37
2483.500	Peak	49.37	4.04	53.41	74.00	-20.59

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.



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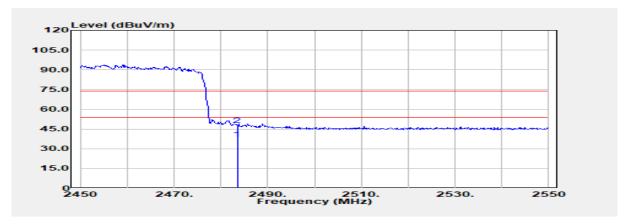
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-29

Test Frequency :2457 MHz Temp./Humi. :20.9/39

Test Mode :BE CH 10 FULL RU Antenna Pol. :Horizontal

:NB Plan **EUT Pol** :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	33.76	4.04	37.80	54.00	-16.20
2483.500	Peak	43.88	4.04	47.92	74.00	-26.08

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.



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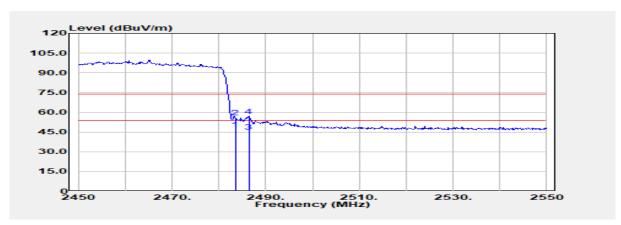
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-29

Test Frequency :2462 MHz Temp./Humi. :21.0/39

Test Mode :BE CH 11 FULL RU Antenna Pol. :Vertical

:NB Plan **EUT Pol** :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBμV/m	dB
2483.500	Average	43.07	4.04	47.11	54.00	-6.89
2483.500	Peak	52.05	4.04	56.09	74.00	-17.91
2486.378	Average	41.50	4.01	45.51	54.00	-8.49
2486.378	Peak	52.83	4.01	56.84	74.00	-17.16

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.



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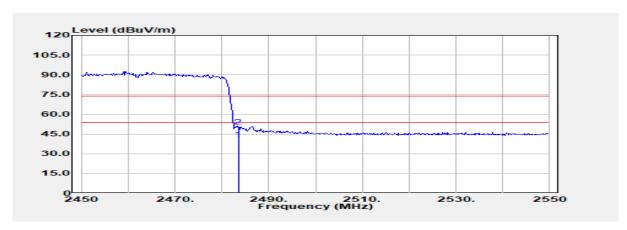
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-29

Test Frequency :2462 MHz Temp./Humi. :21.0/39

Test Mode :BE CH 11 FULL RU Antenna Pol. :Horizontal

:NB Plan **EUT Pol** :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
2483.500	Average	37.28	4.04	41.32	54.00	-12.68
2483.500	Peak	46.85	4.04	50.89	74.00	-23.11

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.



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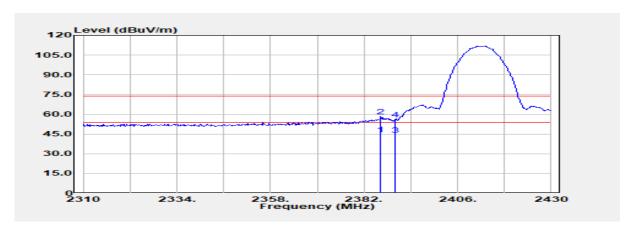
Report Number **Test Site** :966 Chamber C :E2/2020/C0052

Operation Mode :802.11b **Test Date** :2021-01-28

**Test Frequency** :2412 MHz Temp./Humi. :22.2/58

Test Mode :BE CH LOW Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2386.346	Average	39.95	5.02	44.97	54.00	-9.03
2386.346	Peak	53.56	5.02	58.58	74.00	-15.42
2390.000	Average	39.32	5.18	44.50	54.00	-9.50
2390.000	Peak	50.86	5.18	56.05	74.00	-17.95

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.



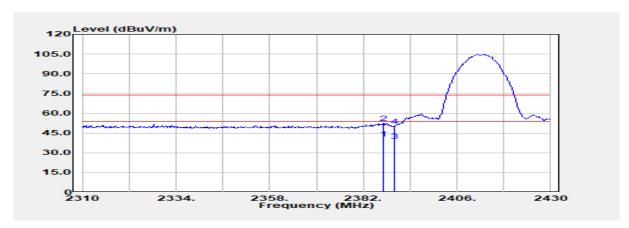
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11b Test Date :2021-01-28

Test Frequency :2412 MHz Temp./Humi. :22.2/58 Test Mode :BE CH LOW Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dΒμV/m	dB
2387.115	Average	35.74	5.05	40.79	54.00	-13.21
2387.115	Peak	47.29	5.05	52.35	74.00	-21.65
2390.000	Average	33.69	5.18	38.87	54.00	-15.13
2390.000	Peak	45.00	5.18	50.18	74.00	-23.82

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.



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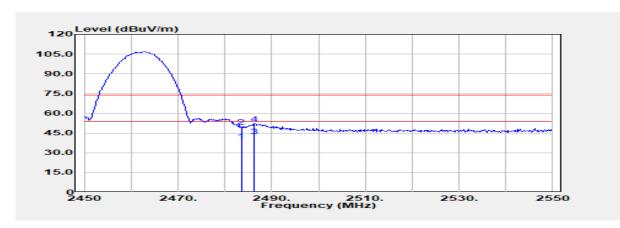
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11b Test Date :2021-01-28

Test Frequency :2462 MHz Temp./Humi. :22.2/58

Test Mode :BE CH HIGH Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	34.84	4.04	38.88	54.00	-15.12
2483.500	Peak	45.66	4.04	49.70	74.00	-24.30
2486.218	Average	38.51	4.01	42.52	54.00	-11.48
2486.218	Peak	47.92	4.01	51.93	74.00	-22.07

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.



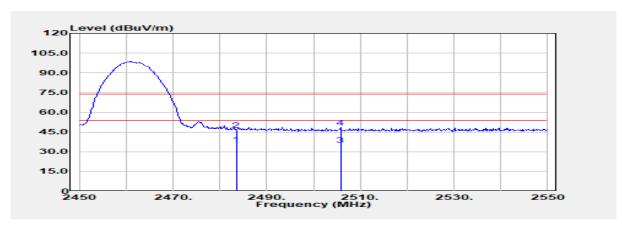
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11b Test Date :2021-01-28

Test Frequency :2462 MHz Temp./Humi. :22.2/58 Test Mode :BE CH HIGH Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Enzo Chang Engineer



	Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
_	MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
	2483.500	Average	31.88	4.04	35.92	54.00	-18.08
	2483.500	Peak	42.60	4.04	46.63	74.00	-27.37
	2505.769	Average	31.51	3.68	35.19	54.00	-18.81
	2505.769	Peak	44.86	3.68	48.54	74.00	-25.46

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.



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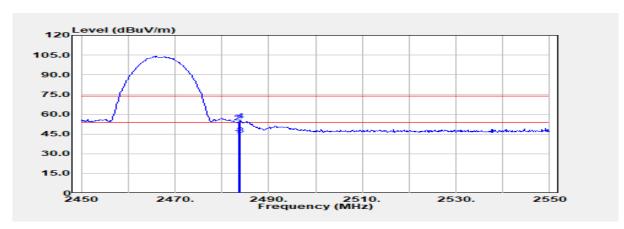
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11b Test Date :2021-01-28

Test Frequency :2467 MHz Temp./Humi. :21.2/54

Test Mode :BE CH 12 Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	38.85	4.04	42.89	54.00	-11.11
2483.500	Peak	49.64	4.04	53.67	74.00	-20.33
2483.974	Average	40.49	4.03	44.52	54.00	-9.48
2483.974	Peak	51.03	4.03	55.06	74.00	-18.94

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.



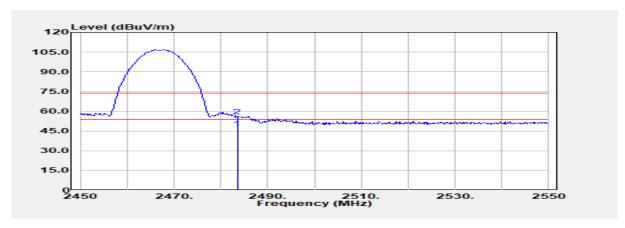
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11b Test Date :2021-01-28

Test Frequency :2467 MHz Temp./Humi. :21.2/54 Test Mode :BE CH 12 Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



	Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
_	MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
	2483.500	Average	43.12	4.04	47.16	54.00	-6.84
	2483.500	Peak	51.96	4.04	55.99	74.00	-18.01

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.



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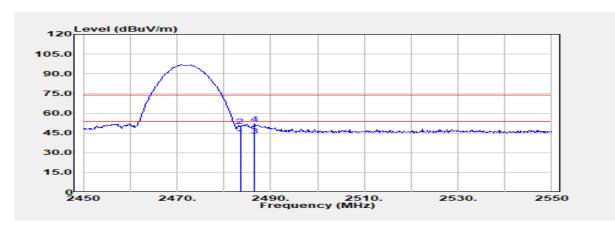
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11b Test Date :2021-01-28

Test Frequency :2472 MHz Temp./Humi. :21.2/54

Test Mode :BE CH 13 Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	37.88	4.04	41.92	54.00	-12.08
2483.500	Peak	46.43	4.04	50.47	74.00	-23.53
2486.539	Average	39.03	4.01	43.04	54.00	-10.96
2486.539	Peak	47.90	4.01	51.90	74.00	-22.10

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.



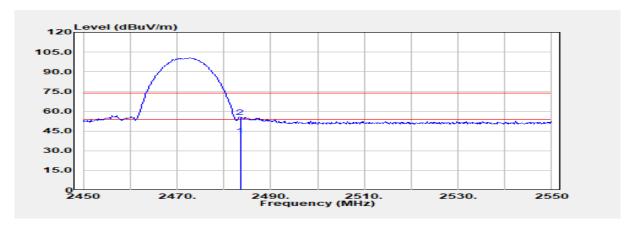
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11b Test Date :2021-01-28

Test Frequency :2472 MHz Temp./Humi. :21.2/54 Test Mode :BE CH 13 Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	37.61	4.04	41.65	54.00	-12.35
2483.500	Peak	51.64	4.04	55.67	74.00	-18.33

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.



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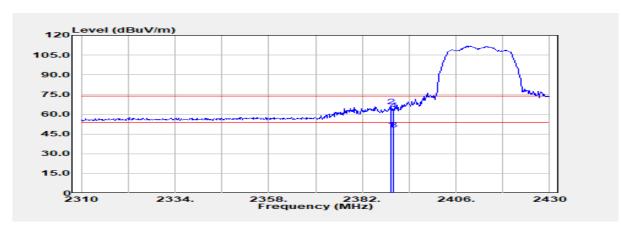
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-28

Test Frequency :2412 MHz Temp./Humi. :22.2/58

Test Mode :BE CH LOW Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2389.423	Average	43.44	5.15	48.59	54.00	-5.41
2389.423	Peak	61.08	5.15	66.24	74.00	-7.76
2390.000	Average	43.33	5.18	48.51	54.00	-5.49
2390.000	Peak	58.01	5.18	63.19	74.00	-10.81

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.



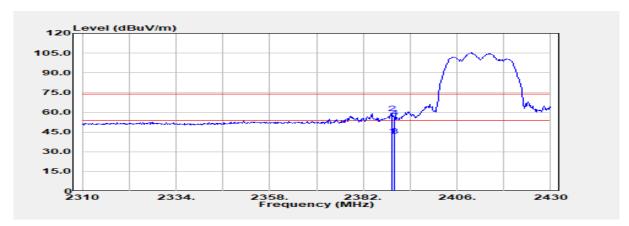
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-28

Test Frequency :2412 MHz Temp./Humi. :22.2/58 Test Mode :BE CH LOW Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
 MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2389.423	Average	37.14	5.15	42.29	54.00	-11.71
2389.423	Peak	54.24	5.15	59.39	74.00	-14.61
2390.000	Average	36.71	5.18	41.89	54.00	-12.11
2390.000	Peak	51.19	5.18	56.37	74.00	-17.63

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.



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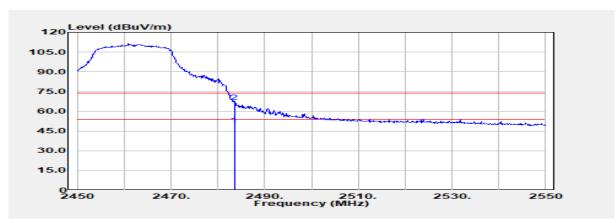
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-28

Test Frequency :2462 MHz Temp./Humi. :22.2/58

:Horizontal Test Mode :BE CH HIGH Antenna Pol.

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	45.56	4.04	49.60	54.00	-4.40
2483.500	Peak	63.09	4.04	67.13	74.00	-6.87

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.



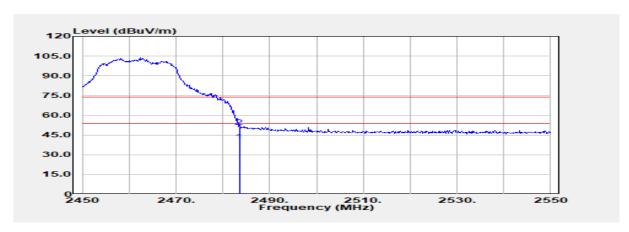
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-28

Test Frequency :2462 MHz Temp./Humi. :22.2/58 Test Mode :BE CH HIGH Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	36.24	4.04	40.28	54.00	-13.72
2483.500	Peak	47.34	4.04	51.37	74.00	-22.63

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.



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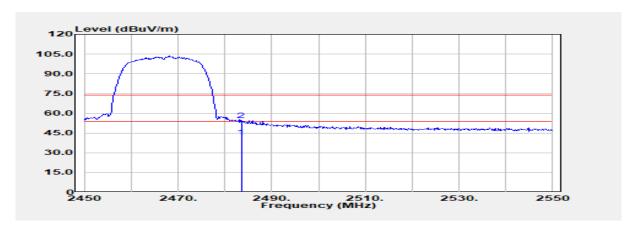
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-28

Test Frequency :2467 MHz Temp./Humi. :21.4/55

Test Mode :BE CH 12 Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	37.86	4.04	41.90	54.00	-12.10
2483.500	Peak	50.57	4.04	54.61	74.00	-19.39

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.



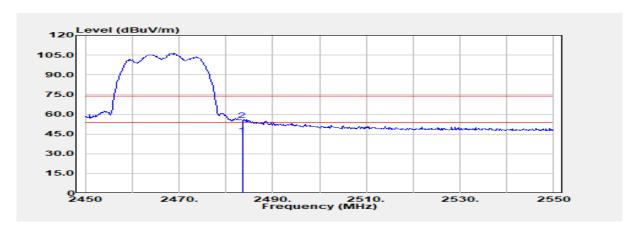
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-28

Test Frequency :2467 MHz Temp./Humi. :21.4/55 Test Mode :BE CH 12 Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	40.42	4.04	44.46	54.00	-9.54
2483.500	Peak	51.66	4.04	55.69	74.00	-18.31

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.



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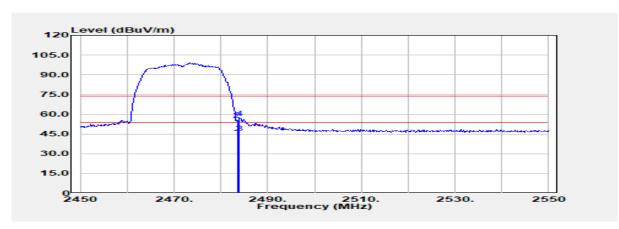
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-28

Test Frequency :2472 MHz Temp./Humi. :21.4/54

Test Mode :BE CH 13 Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	38.86	4.04	42.90	54.00	-11.10
2483.500	Peak	51.52	4.04	55.56	74.00	-18.44
2483.974	Average	41.86	4.03	45.89	54.00	-8.11
2483.974	Peak	52.89	4.03	56.92	74.00	-17.08

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.



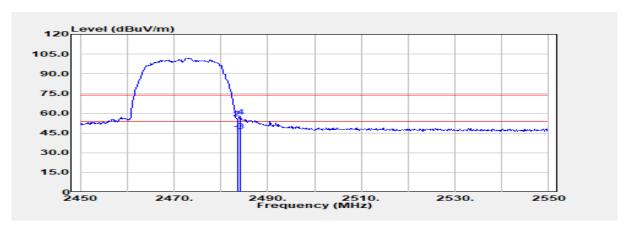
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11g Test Date :2021-01-28

Test Frequency :2472 MHz Temp./Humi. :21.4/54 Test Mode :BE CH 13 Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	41.41	4.04	45.45	54.00	-8.55
2483.500	Peak	51.94	4.04	55.98	74.00	-18.02
2484.135	Average	42.66	4.03	46.69	54.00	-7.31
2484.135	Peak	53.43	4.03	57.46	74.00	-16.54

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.



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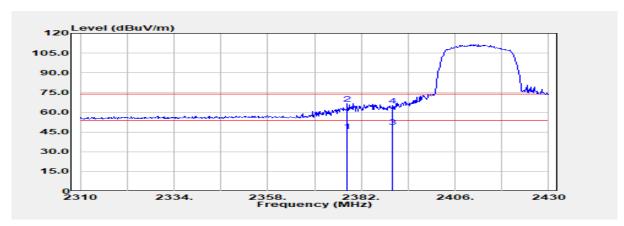
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n20 Test Date :2021-01-28

Test Frequency :2412 MHz Temp./Humi. :22.3/59

Test Mode :BE CH LOW Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dΒμV/m	dB
2378.46	61 Average	40.87	4.77	45.64	54.00	-8.36
2378.4	61 Peak	61.84	4.77	66.61	74.00	-7.39
2390.00	00 Average	43.54	5.18	48.72	54.00	-5.28
2390.00	00 Peak	59.81	5.18	64.99	74.00	-9.01

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.



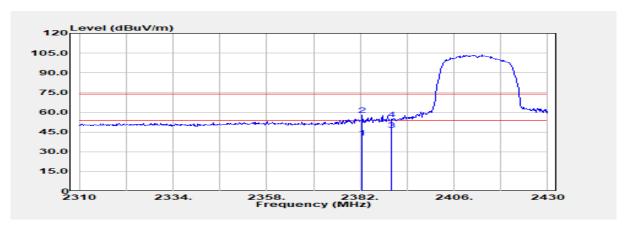
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11n20 Test Date :2021-01-28

Test Frequency :2412 MHz Temp./Humi. :22.3/59 Test Mode :BE CH LOW Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dΒμV/m	dB
2382.500	Average	35.99	4.85	40.84	54.00	-13.16
2382.500	Peak	53.28	4.85	58.13	74.00	-15.87
2390.000	Average	41.27	5.18	46.45	54.00	-7.55
2390.000	Peak	49.53	5.18	54.71	74.00	-19.29

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.



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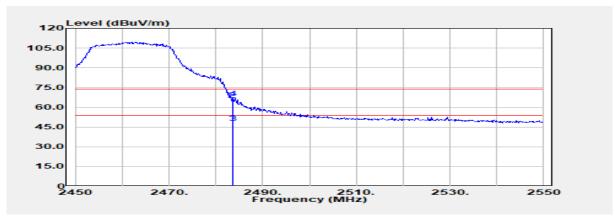
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n20 Test Date :2021-01-28

Test Frequency :2462 MHz Temp./Humi. :22.3/59

Test Mode :BE CH HIGH Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Enzo Chang Engineer



	Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
_	MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
	2483.500	Average	44.58	4.04	48.62	54.00	-5.38
	2483.500	Peak	61.78	4.04	65.81	74.00	-8.19
	2483.654	Average	44.09	4.03	48.12	54.00	-5.88
	2483.654	Peak	62.92	4.03	66.96	74.00	-7.04

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.



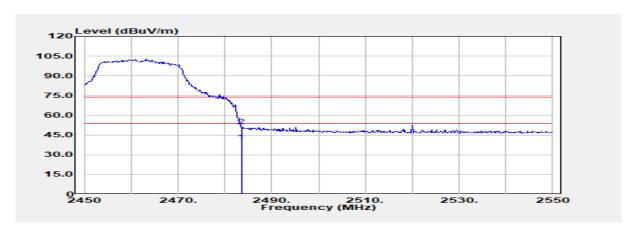
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n20 Test Date :2021-01-28

Test Frequency :2462 MHz Temp./Humi. :22.3/59 Test Mode :BE CH HIGH Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	35.66	4.04	39.70	54.00	-14.30
2483.500	Peak	47.43	4.04	51.47	74.00	-22.53

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.



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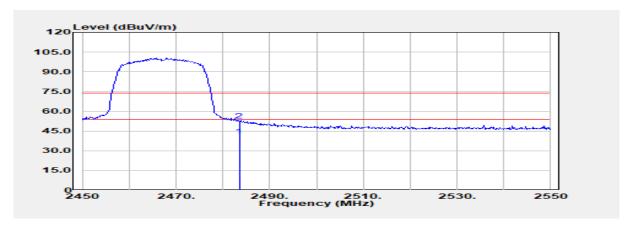
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n20 Test Date :2021-01-28

Test Frequency :2467 MHz Temp./Humi. :21.4/58

Test Mode :BE CH 12 Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	36.98	4.04	41.02	54.00	-12.98
2483.500	Peak	48.73	4.04	52.76	74.00	-21.24

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.



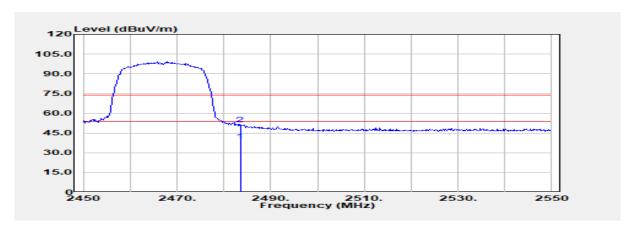
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n20 Test Date :2021-01-28

Test Frequency :2467 MHz Temp./Humi. :21.4/58 Test Mode :BE CH 12 Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
2483.500	Average	34.73	4.04	38.77	54.00	-15.23
2483.500	Peak	47.52	4.04	51.55	74.00	-22.45

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.



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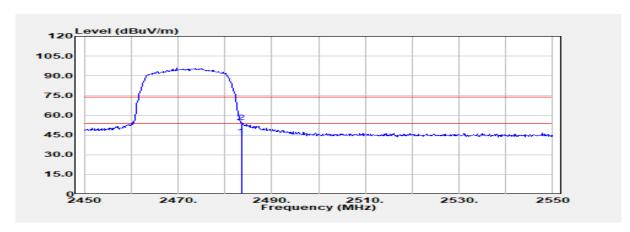
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11n20 Test Date :2021-01-28

Test Frequency :2472 MHz Temp./Humi. :21.4/58

Test Mode :BE CH 13 Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



	Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
_	MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
	2483.500	Average	40.38	4.04	44.42	54.00	-9.58
	2483.500	Peak	50.84	4.04	54.88	74.00	-19.12

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.



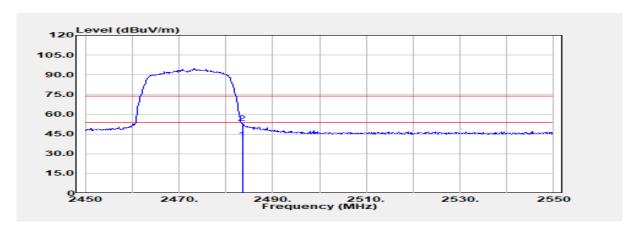
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n20 Test Date :2021-01-28

Test Frequency :2472 MHz Temp./Humi. :21.4/58 Test Mode :BE CH 13 Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
2483.500	Average	37.22	4.04	41.26	54.00	-12.74
2483.500	Peak	49.49	4.04	53.53	74.00	-20.47

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.



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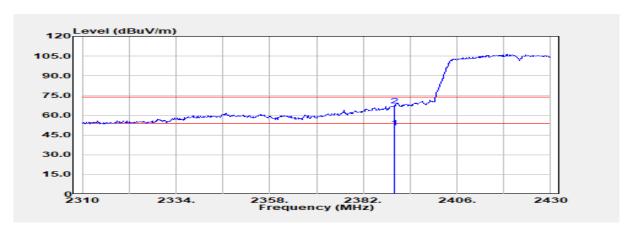
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11n40 Test Date :2021-01-28

Test Frequency :2422 MHz Temp./Humi. :22.4/60

Test Mode :BE CH LOW Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2390.000	Average	45.56	5.18	50.74	54.00	-3.26
2390.000	Peak	62.14	5.18	67.32	74.00	-6.68

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.



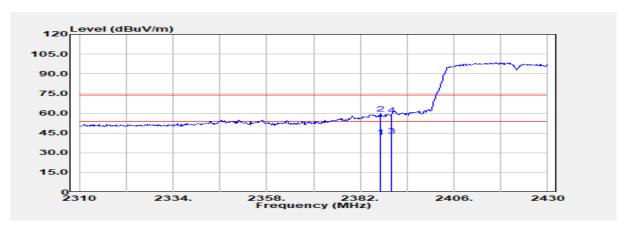
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Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11n40 Test Date :2021-01-28

Test Frequency :2422 MHz Temp./Humi. :22.4/60 Test Mode :BE CH LOW Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
2387.115	Average	36.89	5.05	41.94	54.00	-12.06
2387.115	Peak	54.79	5.05	59.84	74.00	-14.16
2390.000	Average	37.62	5.18	42.80	54.00	-11.20
2390.000	Peak	53.83	5.18	59.01	74.00	-14.99

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.



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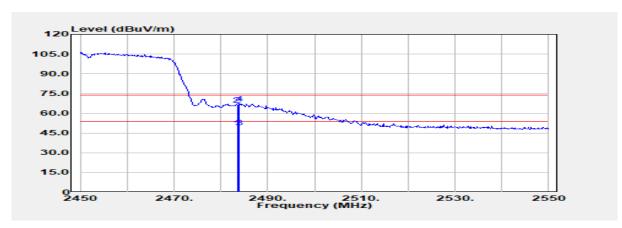
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11n40 Test Date :2021-02-09

Test Frequency :2452 MHz Temp./Humi. :21.7/52

Test Mode :BE CH HIGH Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	44.75	4.04	48.79	54.00	-5.21
2483.500	Peak	62.65	4.04	66.69	74.00	-7.31
2483.814	Average	45.11	4.03	49.14	54.00	-4.86
2483.814	Peak	63.60	4.03	67.63	74.00	-6.37

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.



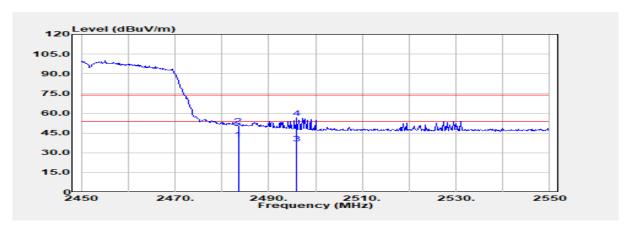
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n40 Test Date :2021-02-09

Test Frequency :2452 MHz Temp./Humi. :21.7/52 Test Mode :BE CH HIGH Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	36.17	4.04	40.21	54.00	-13.79
2483.500	Peak	46.89	4.04	50.93	74.00	-23.07
2495.994	Average	33.51	3.63	37.14	54.00	-16.86
2495.994	Peak	53.14	3.63	56.77	74.00	-17.23

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.



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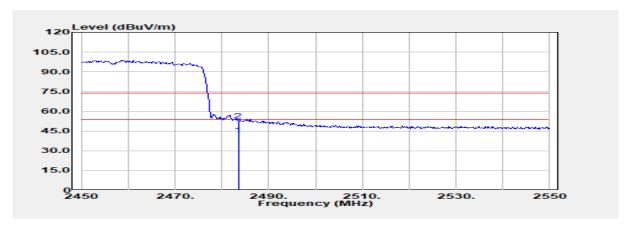
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n40 Test Date :2021-01-28

Test Frequency :2457 MHz Temp./Humi. :21.4/56

Test Mode :BE CH 10 Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	38.11	4.04	42.15	54.00	-11.85
2483.500	Peak	49.08	4.04	53.11	74.00	-20.89

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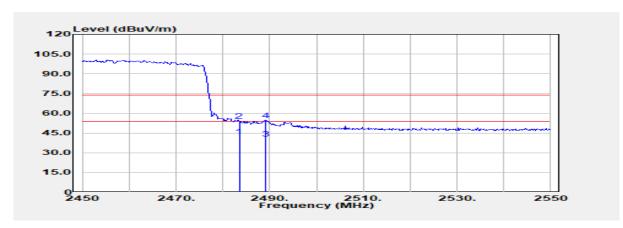
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n40 Test Date :2021-01-28

Test Frequency :2457 MHz Temp./Humi. :21.4/56 Test Mode :BE CH 10 Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	38.75	4.04	42.79	54.00	-11.21
2483.500	Peak	50.09	4.04	54.12	74.00	-19.88
2489.103	Average	36.96	3.98	40.94	54.00	-13.06
2489.103	Peak	50.86	3.98	54.84	74.00	-19.16

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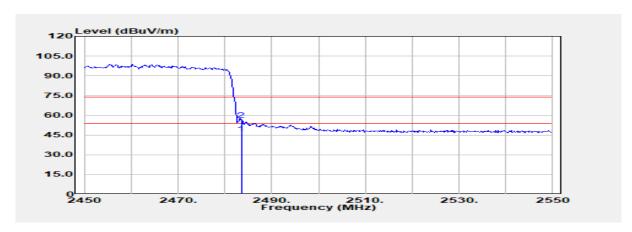
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Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n40 Test Date :2021-01-28

Test Frequency :2462 MHz Temp./Humi. :21.3/54 Test Mode :BE CH 11 Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	41.95	4.04	45.99	54.00	-8.01
2483.500	Peak	52.79	4.04	56.83	74.00	-17.17

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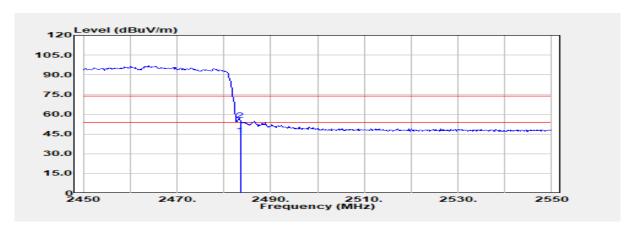
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11n40 Test Date :2021-01-28

Test Frequency :2462 MHz Temp./Humi. :21.3/54

Test Mode :BE CH 11 Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	40.42	4.04	44.46	54.00	-9.54
2483.500	Peak	51.51	4.04	55.54	74.00	-18.46

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.



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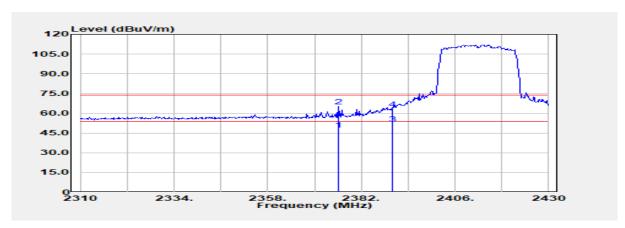
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-28

Test Frequency :2412 MHz Temp./Humi. :20.9/62

Test Mode :BE CH LOW FULL RU Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2376.154	Average	42.83	4.82	47.65	54.00	-6.35
2376.154	Peak	60.16	4.82	64.98	74.00	-9.02
2390.000	Average	46.77	5.18	51.95	54.00	-2.05
2390.000	Peak	58.27	5.18	63.45	74.00	-10.55

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.



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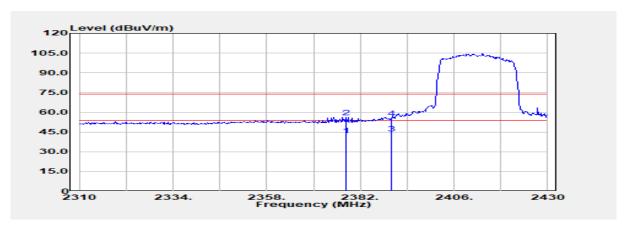
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-28

Test Frequency :2412 MHz Temp./Humi. :20.9/62

Test Mode :BE CH LOW FULL RU Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBμV/m	dB
2378.269	Average	37.94	4.78	42.72	54.00	-11.28
2378.269	Peak	51.39	4.78	56.16	74.00	-17.84
2390.000	Average	38.95	5.18	44.13	54.00	-9.87
2390.000	Peak	50.59	5.18	55.77	74.00	-18.23

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.



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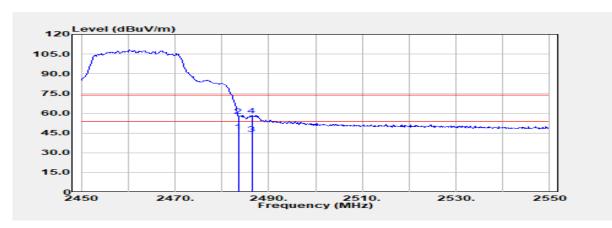
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-28

Test Frequency :2462 MHz Temp./Humi. :21.2/59

Test Mode :BE CH HIGH FULL RU Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	42.34	4.04	46.38	54.00	-7.62
2483.500	Peak	53.84	4.04	57.88	74.00	-16.12
2486.378	Average	40.44	4.01	44.45	54.00	-9.55
2486.378	Peak	54.51	4.01	58.52	74.00	-15.48

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.



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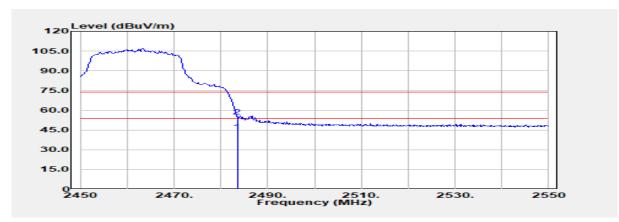
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-28

Test Frequency :2462 MHz Temp./Humi. :21.2/59

Test Mode :BE CH HIGH FULL RU Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	39.90	4.04	43.94	54.00	-10.06
2483.500	Peak	51.17	4.04	55.21	74.00	-18.79

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.



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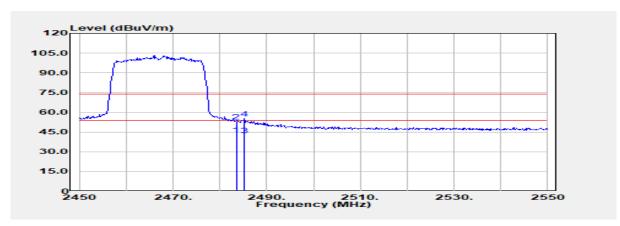
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-28

Test Frequency :2467 MHz Temp./Humi. :21.4/59

Test Mode :BE CH 12 FULL RU Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBμV/m	dB
2483.500	Average	39.13	4.04	43.17	54.00	-10.83
2483.500	Peak	48.79	4.04	52.83	74.00	-21.17
2485.256	Average	38.52	4.02	42.54	54.00	-11.46
2485.256	Peak	51.34	4.02	55.36	74.00	-18.64

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.



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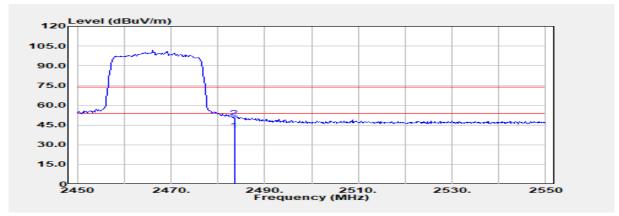
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-28

Test Frequency :2467 MHz Temp./Humi. :21.4/59

Test Mode :BE CH 12 FULL RU Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
2483.500	Average	37.04	4.04	41.08	54.00	-12.92
2483.500	Peak	46.79	4.04	50.82	74.00	-23.18

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.



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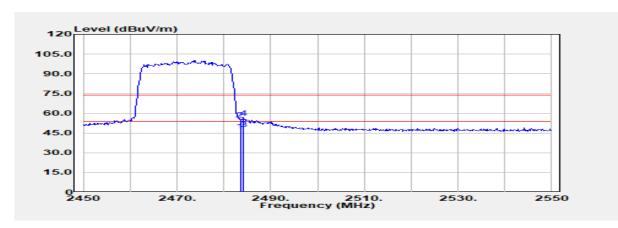
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-28

Test Frequency :2472 MHz Temp./Humi. :21.4/54

Test Mode :BE CH 13 FULL RU Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	42.38	4.04	46.42	54.00	-7.58
2483.500	Peak	51.15	4.04	55.18	74.00	-18.82
2484.135	Average	44.09	4.03	48.12	54.00	-5.88
2484.135	Peak	52.55	4.03	56.57	74.00	-17.43

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.



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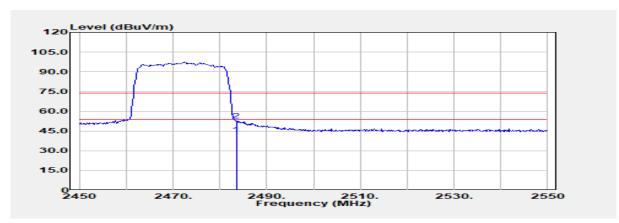
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax20 Test Date :2021-01-28

Test Frequency :2472 MHz Temp./Humi. :21.4/54

Test Mode :BE CH 13 FULL RU Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
2483.500	Average	38.42	4.04	42.46	54.00	-11.54
2483.500	Peak	49.12	4.04	53.15	74.00	-20.85

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.



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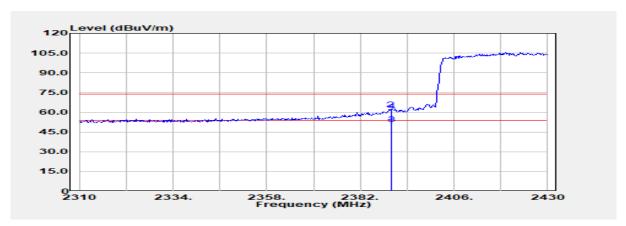
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-28

Test Frequency :2422 MHz Temp./Humi. :21.4/58

:BE CH LOW FULL RU Test Mode Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2389.808	Average	44.80	5.17	49.97	54.00	-4.03
2389.808	Peak	57.22	5.17	62.39	74.00	-11.61
2390.000	Average	46.10	5.18	51.28	54.00	-2.72
2390.000	Peak	56.07	5.18	61.25	74.00	-12.75

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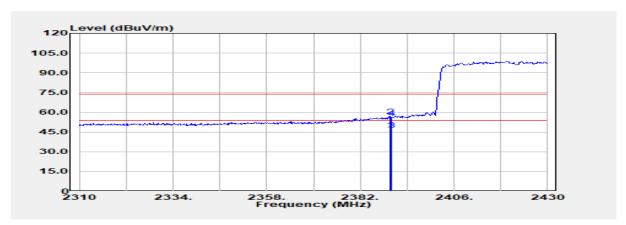
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-28

Test Frequency :2422 MHz Temp./Humi. :21.4/58

:BE CH LOW FULL RU Test Mode Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dΒμV/m	dB
2389.615	Average	41.93	5.16	47.09	54.00	-6.91
2389.615	Peak	51.71	5.16	56.87	74.00	-17.13
2390.000	Average	41.49	5.18	46.67	54.00	-7.33
2390.000	Peak	50.58	5.18	55.76	74.00	-18.24

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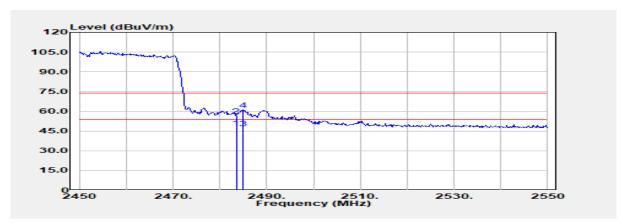
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-28

Test Frequency :2452 MHz Temp./Humi. :21.3/57

Test Mode :BE CH HIGH FULL RU Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dΒμV/m	dB
2483.500	Average	43.63	4.04	47.67	54.00	-6.33
2483.500	Peak	52.78	4.04	56.82	74.00	-17.18
2484.936	Average	42.93	4.02	46.95	54.00	-7.05
2484.936	Peak	57.28	4.02	61.30	74.00	-12.70

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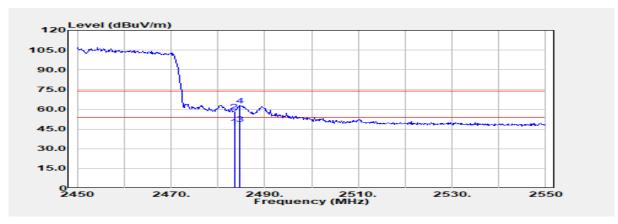
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-28

Test Frequency :2452 MHz Temp./Humi. :21.3/57

Test Mode :BE CH HIGH FULL RU Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2483.500	Average	43.14	4.04	47.18	54.00	-6.82
2483.500	Peak	54.41	4.04	58.44	74.00	-15.56
2484.776	Average	44.83	4.02	48.85	54.00	-5.15
2484.776	Peak	58.72	4.02	62.75	74.00	-11.25

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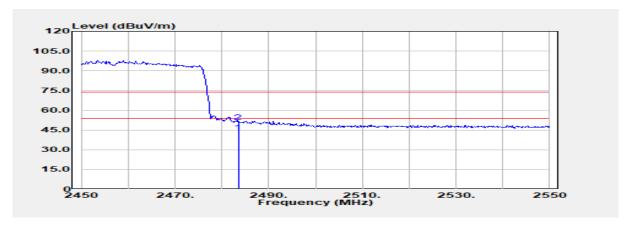
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-28

Test Frequency :2457 MHz Temp./Humi. :21.1/57

Test Mode :BE CH 10 FULL RU Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	39.36	4.04	43.40	54.00	-10.60
2483.500	Peak	47.34	4.04	51.37	74.00	-22.63

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.



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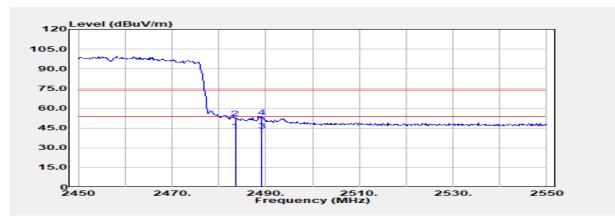
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-28

Test Frequency :2457 MHz Temp./Humi. :21.1/57

Test Mode :BE CH 10 FULL RU Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



	Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
_	MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBμV/m	dB
	2483.500	Average	38.90	4.04	42.94	54.00	-11.06
	2483.500	Peak	48.66	4.04	52.70	74.00	-21.30
	2489.103	Average	39.07	3.98	43.05	54.00	-10.95
	2489.103	Peak	49.52	3.98	53.50	74.00	-20.50

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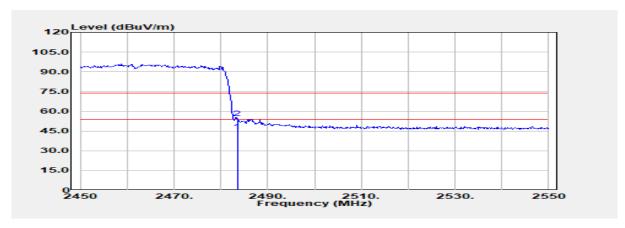
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-28

Test Frequency :2462 MHz Temp./Humi. :21.4/56

Test Mode :BE CH 11 FULL RU Antenna Pol. :Horizontal

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2483.500	Average	40.76	4.04	44.80	54.00	-9.20
2483.500	Peak	50.74	4.04	54.78	74.00	-19.22

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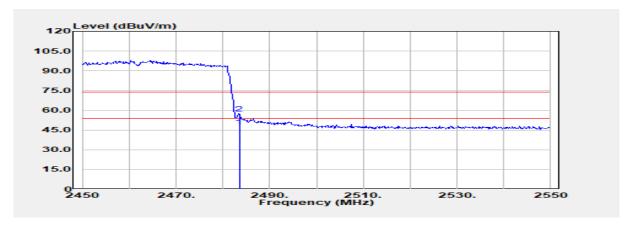
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11ax40 Test Date :2021-01-28

Test Frequency :2462 MHz Temp./Humi. :21.4/56

Test Mode :BE CH 11 FULL RU Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.500	Average	43.33	4.04	47.37	54.00	-6.63
2483.500	Peak	53.32	4.04	57.36	74.00	-16.64

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## 7.7.2 Above 1GHz Emission:

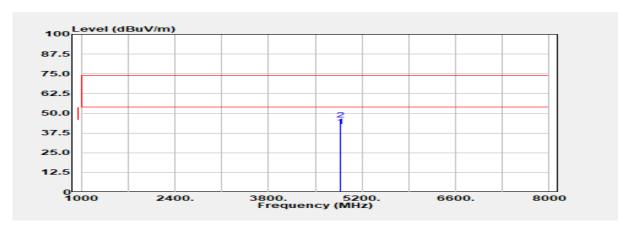
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11b **Test Date** :2021-01-29

Test Frequency :2437 MHz Temp./Humi. :21.0/40

Test Mode Antenna Pol. :Vertical :TX CH MID

**EUT Pol** :NB Plan Engineer :Ashton Chiu



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
4874.000	Average	31.42	10.38	41.80	54.00	-12.20
4874.000	Peak	35.72	10.38	46.10	74.00	-27.90

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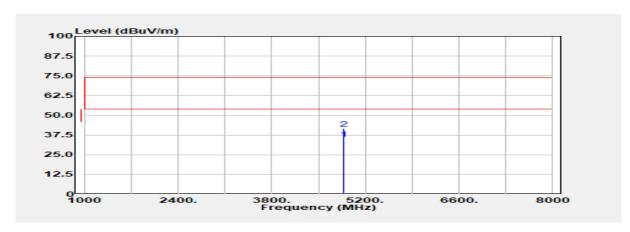
Report Number Test Site :966 Chamber C :E2/2020/C0052

Operation Mode :802.11b Test Date :2021-01-29

Test Frequency :2437 MHz Temp./Humi. :21.0/40

Test Mode :TX CH MID Antenna Pol. :Horizontal

**EUT Pol** :NB Plan :Ashton Chiu Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
4874.000	Average	24.86	10.38	35.24	54.00	-18.76
4874.000	Peak	31.14	10.38	41.52	74.00	-32.48

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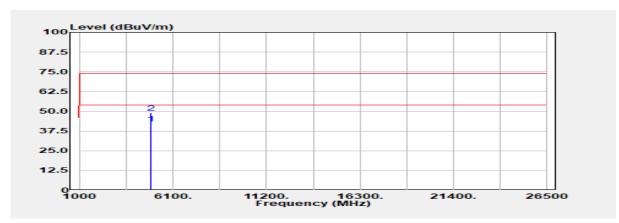
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Report Number **Test Site** :966 Chamber C :E2/2020/C0052

Operation Mode :802.11b **Test Date** :2021-01-28

**Test Frequency** :2437 MHz Temp./Humi. :21.7/60 Test Mode :TX CH MID Antenna Pol. :Vertical

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBμV/m	dB
4874.000	Average	31.92	10.38	42.30	54.00	-11.70
4874.000	Peak	38.70	10.38	49.08	74.00	-24.92

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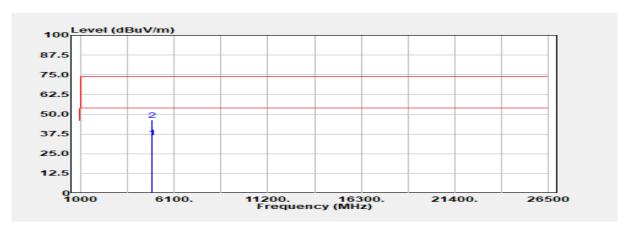
Report Number Test Site :966 Chamber C :E2/2020/C0052

**Operation Mode** :802.11b Test Date :2021-01-28

Test Frequency :2437 MHz Temp./Humi. :21.7/60

:Horizontal Test Mode :TX CH MID Antenna Pol.

**EUT Pol** :E2 Plan :Enzo Chang Engineer



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
4874.000	Average	25.02	10.38	35.40	54.00	-18.60
4874.000	Peak	36.17	10.38	46.55	74.00	-27.45

~ End of Report ~

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