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# **ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT**





Applicant: silex technology, Inc.

2-3-1 Hikaridai, Seika-cho, Soraku-gun, Kyoto 619-0237,

Japan

Manufacturer: silex technology, Inc.

2-3-1 Hikaridai, Seika-cho, Soraku-gun, Kyoto 619-0237.

Japan

**Product Name:** AP-800AX

**Brand Name:** Silex Technology

AP-800AX Model No.:

**Model Difference:** N/A

**Report Number:** TERF2303000754ER

FCC ID N6C-AP800AX

IC: 4908A-AP800AX

Date of EUT Received: March 29, 2023

Date of Test: March 29, 2023~July 10, 2023

Issue Date: August 21, 2023

Approved By Blue Yang

### We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10:2013 and the energy emitted by the sample EUT comply with FCC rule part §15.407, ISED RSS-247.

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

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Revision History					
Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2303000754ER	00	Original.	July 20, 2023	Susan Lin	
TERF2303000754ER	01	Update channel number in section 1.3	August 21, 2023	Susan Lin	*

### Note:

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

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### **GENERAL INFORMATION**

#### 1.1 **Product Description**

Product Name:	AP-800AX
Brand Name:	Silex Technology
Model No.:	AP-800AX
Model Difference:	N/A
Hardware Version:	N/A
Firmware Version:	N/A
EUT Series No.:	000001814
Power Supply:	12Vdc

#### 1.2 **DFS Firmware version:**

Series Name	silex
Product Name	AP-800AX
Version	1.0.0b9
MAC Address	1c:bc:ec:00:07:16
Access Point Name	SX000716

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### 1.3 FCC WLAN 5GHz:

Wi-Fi	Frequency Range	Channels	Modulation Technology
a/	5180~5240	4	OFDMA
n_HT/	5260~5320	4	OFDMA
ac_VHT/ ax_HE	5500~5720	12	OFDM
20M	5745-5825	5	OFDM
- UT	5190~5230	2	OFDM
n_HT ac_VHT/	5270~5310	2	OFDM
ax_HE 40M	5510~5710	6	OFDM
40101	5755-5795	2	OFDM
	5210	1	OFDMA
ac_VHT/	5290	1	OFDM
ax_HE 80M	5530~5690	3	OFDM
	5775	1	OFDM

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# WLAN 5 GHz for ISED (Master)

Wi-Fi	Frequency Range	Channels	Modulation Technology
	5180~5240	4	OFDMA
a/	5260~5320	4	OFDMA
n_HT/ ac_VHT/	(*)5500~5700	8	OFDM
ac_vH1/ ax_HE	5720 (U-NII 2C)	1	OFDM
20M	5720 (U-NII 3)	1	OFDMA
	5745-5825	5	OFDM
	5190~5230	2	OFDM
n HT	5270~5310	2	OFDM
ac_VHT/	(*)5510~5670	3	OFDM
ax_HE 40M	5710 (U-NII 2C)	1	OFDM
40101	5710 (U-NII 3)	1	OFDMA
	5755-5795	2	OFDM
	5210	1	OFDMA
	5290	1	OFDM
ac_VHT/	5530	1	OFDM
ax_HE 80M	5690 (U-NII 2C)	1	OFDM
	5690 (U-NII 3)	1	OFDM
	5775	1	OFDM

\*Note: TDWR frequencies are not available in Canada.

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### 1.4 Antenna Designation

Antenna Type	Ch0/Ch1	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)	Directional Gain (dBi)
			5150~5250	1.1	4.11
			5250~5350	1.1	4.11
	Ch0		5470~5725	1.2	4.21
Dinala		ANTDP-039A0	5725~5850	1.3	4.31
Dipole			5150~5250	1.1	4.11
			5250~5350	1.1	4.11
	Ch1		5470~5725	1.2	4.21
			5725~5850	1.3	4.31

### Note:

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

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# 1.5 Test Methodology of Applied Standards

FCC Part 15, Subpart E §15.407

FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 RSS-247 issue 2 Feb. 2017

### 1.6 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designa- tion number	IC CAB identifier
		SAC 1		
		SAC 2		
		SAC 3		
	No 424 We Keep Dood Nove Toingi	Conduction 1		
	No.134, Wu Kung Road, New Taipei	Conducted 1	TW0027	
	Industrial Park, Wuku District, New	Conducted 2	1 00027	
	Taipei City, Taiwan.	Conducted 3		
		Conducted 4		
		Conducted 5		
SGS Taiwan Ltd.		Conducted 6		
Central RF Lab.		Conduction C		TW3702
(TAF code 3702)		SAC C	TW0028	
		SAC D		
		SAC G		
	No 2 Kaii 4at Dd. Cuiahan Diatriat	Conducted A		
	No.2, Keji 1st Rd., Guishan District,	Conducted B		
	Taoyuan City, Taiwan 333	Conducted C		
		Conducted D		
		Conducted E		
		Conducted F		
		Conducted G		

**Note:** Test site name is remarked on the equipment list in each section of this report as an indication where measurements occurred in specific test site and address.

### 1.7 Special Accessories

There are no special accessories used while test was conducted.

# 1.8 Equipment Modifications

There was no modification incorporated into the EUT.

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# SUMMARY OF TEST RESULT

FCC and ISED Rules	Description Of Test	Result
§15.407(h) FCC KDB 905462 D02 IC RSS-247 issue 1 §6.3	TPC and DFS Measurement	Compliant

### **MEASUREMENT UNCERTAINTY**

Test Items	U	ncertair	nty
TPC and DFS Measurement	+/-	1.04	Hz
Temperature	+/-	0.7	°C
Humidity	+/-	3	%
DC / AC Power Source	+/-	1	%

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

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### 4 TPC AND DFS MEASUREMENT

### 4.1 TPC Requirements

According to Part 15.407 (h)(1) Transmit power control (TPC). U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

Result:

N/A, e.i.r.p is less then 500 mW, TPC is not required.

### 4.2 DFS: Standard Applicable

According to §15.407(h)(2) and FCC KDB 905462 D02, Radar Detection Function of Dynamic Frequency Selection (DFS).

Radar Detection Function of Dynamic Frequency Selection (DFS). U-NII devices operating with any part of its 26 dB emission bandwidth in the 5.25-5.35 GHz and 5.47-5.725 GHz bands shall employ a DFS radar detection mechanism to detect the presence of radar systems and to avoid co-channel operation with radar systems. Operators shall only use equipment with a DFS mechanism that is turned on when operating in these bands. The device must sense for radar signals at 100 percent of its emission bandwidth. The minimum DFS detection threshold for devices with a maximum e.i.r.p. of 200 mW to 1 W is -64 dBm. For devices that operate with less than 200 mW e.i.r.p. and a power spectral density of less than 10 dBm in a 1 MHz band, the minimum detection threshold is -62 dBm. The detection threshold is the received power averaged over 1 microsecond referenced to a 0 dBi antenna. For the initial channel setting, the manufacturers shall be permitted to provide for either random channel selection or manual channel selection.

- (i) Operational Modes. The DFS requirement applies to the following operational modes:
  - (a) The requirement for channel availability check time applies in the master operational mode.
  - (b) The requirement for channel move time applies in both the master and slave operational modes.
- (ii) Channel Availability Check Time. A U-NII device shall check if there is a radar system already operating on the channel before it can initiate a transmission on a channel and when it has to move to a new channel. The U-NII device may start using the channel if no radar signal with a power level greater than the interference threshold values listed in paragraph (h)(2) of this section, is detected within 60 seconds.
- (iii) Channel Move Time. After a radar's presence is detected, all transmissions shall cease on the operating channel within 10 seconds. Transmissions during this period shall consist of normal traffic for a maximum of 200 ms after detection of the radar signal. In addition, intermittent management and control signals can be sent during the remaining time to facilitate vacating the operating channel.

Non-occupancy Period. A channel that has been flagged as containing a radar system,

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either by a channel availability check or in-service monitoring, is subject to a non-occupancy period of at least 30 minutes. The non-occupancy period starts at the time when the radar system is detected.

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# 5 APPLICABLE STANDARDS

Table 1: Applicability of DFS requirements prior to use of a channel

Do mains and		Operational Mode			
Requirement	Master	Client(without radar detection)	Client(with radar detection)		
Non-occupancy Period	Yes	Not required	Yes		
DFS Detection Threshold	Yes	Not required	Yes		
Channel Availability Check Time	Yes	Not required	Not required		
U-NII Detection Band- width	Yes	Not required	Yes		

Table 2: Applicability of DFS requirements during normal operation

	Operational Mode		
Requirement	Master Device or Client with Radar Detection	Client Without Radar Detection	
DFS Detection Threshold	Yes	Not required	
Cannel Closing Transmission time	Yes	Yes	
Channel Move time	Yes	Yes	
U-NII Detection Bandwidth	Yes	Not required	

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Additional requirements for devices with multiple bandwidth mode	Master Device or Client with Radar Detection	Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Perfor- mance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Trans- mission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required

**Note:** Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.

Table 3: Interference Threshold values, Master or Client incorporating In-Service Monitoring

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.

**Note 2:** Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

**Note3:** EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

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Table 4: DFS Response requirement values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.  See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

**Note 3:** During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

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# **Table 5: Radar Test Waveforms Short Pulse Radar**

Radar	Pulse	PRI	Number of Pulses	Minimum	Minimum
Type	Width	(µsec)		Percentage of	Number
	(µsec)			Successful	of
				Detection	Trials
0	1	1428	18	See Note 1	See Note
					1
1	1	Test A: 15 unique	((1))	60%	30
		PRI values	360		
		randomly selected	Roundun		
		from the list of 23	[ 19·10° ]		
		PRI values in	$\left( \overline{\text{PRI}_{\mu \text{sec}}} \right)$		
		Table 5a	(( µsec /)		
		Test B: 15 unique			
		PRI values			
		randomly selected			
		within the range			
		of 518-3066 µsec,			
		with a minimum			
		increment of 1			
		μsec, excluding			
		PRI values			
		selected in Test A			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate	(Radar Types	1-4)		80%	120

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.

# Long Pulse Radar

Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per Burst	Number of Bursts	Minimum Percentage of Successful	Minimum Number of Trials
5	50-100	5-20	1000- 2000	1-3	8-20	Detection 80%	30

### **Frequency Hopping Radar**

-	- <b>.</b>	P P 3 -						
	Radar	Pulse	PRI	Pulses	Hopping	Hopping	Minimum	Minimum
	Type	Width	(µsec)	per	Rate	Sequence	Number of	
		(µsec)		Hop	(kHz)	Length	Successful	Trials
						(msec)	Detection	
	6	1	333	9	0.333	300	70%	30

The applicant of this given application confirms that information regarding the parameters of the detected Radar Waveforms is not available to the end user.

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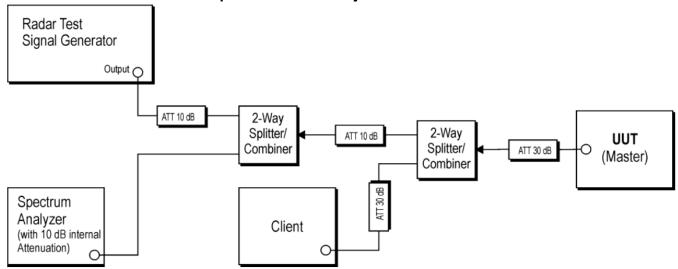
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### Setup for Master with injection at the Master



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# 7 TEST EQUIPMENT USED:

	Conducted Emission Test Site: Conducted 6											
EQUIPMENT TYPE	MFR	MFR MODEL NUMBER SERIAL NUMBER LAST C										
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY60240503	12/13/2022	12/12/2023							
Signal Generator	KEYSIGHT	N5182B	09/22/2022	09/21/2023								
Test Software	KEYSIGHT	N7607B Signal Stdio for DFS Radar profile	Ver. 3.2.0.0	N.C.R	N.C.R							
DC Block	Mini-Circuits	BLK-18-S+	1	12/13/2022	12/12/2023							
Power Divider	RF-LAMBAD	RFLT2W1G18G	11-JSPF412-017	12/13/2022	12/12/2023							
Power Divider	RF-LAMBAD	RFLT2W1G18G	11-JSPF412-018	12/13/2022	12/12/2023							
Power Divider	RF-LAMBAD	RFLT2W1G18G	11-JSPF412-020	12/13/2022	12/12/2023							
Power Divider	RF-LAMBDA	RFLT2W1G18G	18112200209	12/13/2022	12/12/2023							
Attenuator	Agilent	8495B	3308A22470	12/13/2022	12/12/2023							
Attenuator	HP	8494B	2812A17605	12/13/2022	12/12/2023							

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# **DESCRIPTION OF EUT:**

EUT is a Master device with radar detection and DFS capability.

Timing plots are required with calculations demonstrating a minimum channel loading of approximately 17% or greater.

The rated output power of the master unit is ≥23dBm(EIRP).therefore the required interference threshold level is -64dBm.after correction for antenna gain and procedural adjustments, the required conducted threshold at the antenna port is -64dBm.

The rated output power of the master unit is <23 dBm(EIRP).therefore the required interference threshold level is -62dBm.after correction for antenna gain and procedural adjustments, the required threshold at the antenna port is -62dBm.

DFS Detection Threshold (dBm) = -64 + G (dBi), for conducted test.

DFS Detection Threshold (dBm)	Minimum of Peak Antenna	Threshold for test (dBm)
	Gain (dBi)	·
-62	1.1	-60.9

While calibrate the path on antenna port of DFS test equipment (master), measurements equipments (spectrum) is ensured to be 50 Ohms, and therefore verification on antenna gain measurement can be ignored.

The EUT uses one transmitter/receiver chains and one receive only chain, each connected to an antenna to perform radiated tests.

The Slave device associated with the EUT during these tests does not have radar detection capability.

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# 9 RADAR TYPE WAVEFORM CALIBRATION AT DFS DETECTION THESHOLD



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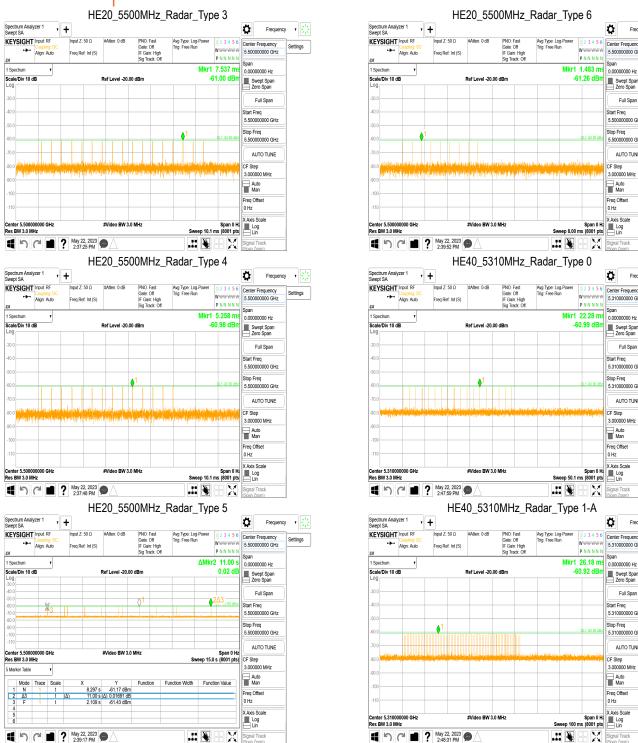
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# 10 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME MEAS-UREMENT (RADAR TYPE 0)

	•	•									
Channel Shutdown Result											
Detection	on Threshold Leve	el (dBm)	-60.9								
Modulation Mode	Freq. (MHz)	Radar Test Signal	Channel Clo Transmission Ti 200ms~10s	ime(ms)	Channel Move	Time(s)					
HE80	5290	Type 0	4		0.204						
HE80	5530	Type 0	4		0.226						
	Limit		60	ms	10	sec					
	Result		Complied								

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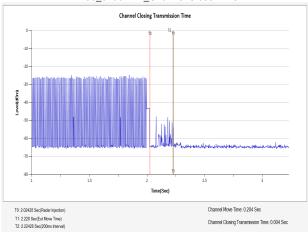
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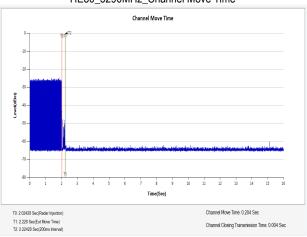


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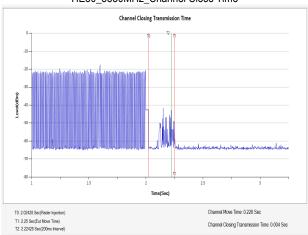
#### HE80 5290MHz Channel Close Time



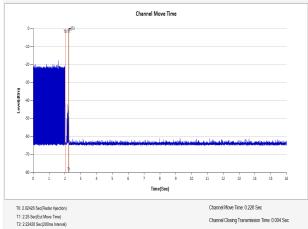
### HE80\_5290MHz\_Channel Move Time



### HE80\_5530MHz\_Channel Close Time



#### HE80 5530MHz Channel Move Time



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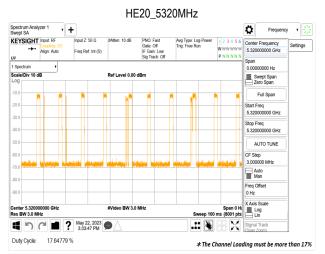
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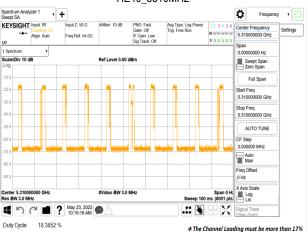
# 11 DUTY CYCLE



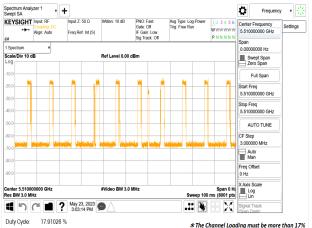
#### HE20 5500MHz



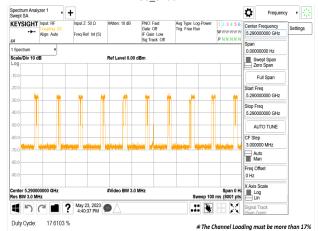
### HE40\_5310MHz



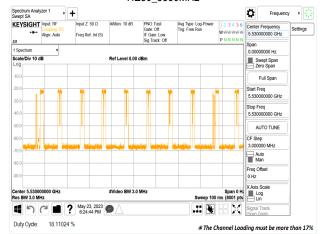
### HE40\_5510MHz



### HE80\_5290MHz



### HE80\_5530MHz



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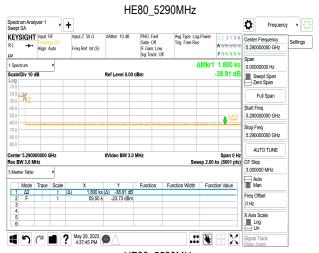
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### 12 NON-OCCUPANCY PERIOD MEASUREMENT

To verify whether channel is unavailable to be operated in 30 minutes. 1.8ks = 1800s = 1800 s/min /60 = 30minute





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# 13 UNII DETECTION BANDWIDTH MEASUREMENT

### 13.1 Test Result

# HE20\_5320MHz

EUT operating : 5320 EUT 99% Bandwidth(MHz) : 18.997 Frequency(MHz)

Radar Type : Type 0 Detction BW(MHz) : 20

Test Result : Pass ¾ FH: 5330 FL: 5310

Test Result	:	Pass		*	FH:	5330		FL:	5310		
- · ·		DF:	S Detect	tion Tria	als (1=De	etection	, 0= No	Detecti	on)		
Radio Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5310	1	1	1	1	1	1	1	1	1	1	100
5315	1	1	1	1	1	1	1	1	1	1	100
5320	1	1	1	1	1	1	1	1	1	1	100
5325	1	1	1	1	1	1	1	1	1	1	100
5330	1	1	1	1	1	1	1	1	1	1	100

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### HE20 5500MHz

EUT operating : 5500 EUT 99% Bandwidth(MHz) : 18.970 Frequency(MHz)

Radar Type : Type 0 Detction BW(MHz) : 20

rest Result	•	Pass		**	гп:	2210		FL;	5490		
Dad's Forman		DF	S Detect	tion Tria	ls (1=D	etection	, 0= No	Detecti	on)		
Radio Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	1	1	1	1	1	1	1	1	1	1	100
5495	1	1	1	1	1	1	1	1	1	1	100
5500	1	1	1	1	1	1	1	1	1	1	100
5505	1	1	1	1	1	1	1	1	1	1	100
5510	1	1	1	1	1	1	1	1	1	1	100
				_							

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### HE40 5310MHz

EUT operating : 5310 EUT 99% Bandwidth(MHz) : 37.763

Frequency(MHz)

Radar Type : Type 0 Detction BW(MHz) : 40

rest Result	•	Pass		**	гп.	5550		FL;	5290		
Dad's Essentia		DF	S Detect	tion Tria	als (1=De	etection	, 0= No	Detection	on)		
Radio Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5290	1	1	1	1	1	1	1	1	1	1	100
5295	1	1	1	1	1	1	1	1	1	1	100
5300	1	1	1	1	1	1	1	1	1	1	100
5305	1	1	1	1	1	1	1	1	1	1	100
5310	1	1	1	1	1	1	1	1	1	1	100
5315	1	1	1	1	1	1	1	1	1	1	100
5320	1	1	1	1	1	1	1	1	1	1	100
5325	1	1	1	1	1	1	1	1	1	1	100
5330	1	1	1	1	1	1	1	1	1	1	100

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### HE40 5510MHz

EUT operating : 5510 EUT 99% Bandwidth(MHz) : 37.927 Frequency(MHz)

Radar Type : Type 0 Detction BW(MHz) : 40

rest nesure		1 433				3330			3430		
Radio Frequency	DFS Detection Trials (1=Detection, 0= No Detection)										
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	1	1	1	1	1	1	1	1	1	1	100
5495	1	1	1	1	1	1	1	1	1	1	100
5500	1	1	1	1	1	1	1	1	1	1	100
5505	1	1	1	1	1	1	1	1	1	1	100
5510	1	1	1	1	1	1	1	1	1	1	100
5515	1	1	1	1	1	1	1	1	1	1	100
5520	1	1	1	1	1	1	1	1	1	1	100
5525	1	1	1	0	1	1	1	1	1	1	90
5530	0	1	1	1	1	1	1	1	1	1	90
				1	1		1	1			

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### HE80 5290MHz

**EUT operating** 5290 **EUT 99% Bandwidth(MHz)** 77.382 Frequency(MHz)

**Radar Type** Radar Type 0 **Detction BW(MHz)** 80

**Test Result** FH: 5330 FL: 5250 **Pass** \*

rest Result	•	Pass		<b>*</b> *	гп.	5550		FL:	5250		
Dadia Faranca	DFS Detection Trials (1=Detection, 0= No Detection)										
Radio Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5250	1	1	1	1	1	1	1	1	1	1	100
5255	1	1	1	1	1	1	1	1	1	1	100
5260	1	1	1	1	1	1	1	1	1	1	100
5265	1	1	1	1	1	1	1	1	1	1	100
5270	1	1	1	1	1	1	1	1	1	1	100
5275	1	1	1	1	1	1	1	1	1	1	100
5280	1	1	1	1	1	1	1	1	1	1	100
5285	1	1	1	1	1	1	1	1	1	1	100
5290	1	1	1	1	1	1	1	1	1	1	100
5295	1	1	1	1	1	1	1	1	1	1	100
5300	1	1	1	1	1	1	1	1	1	1	100
5305	1	1	1	1	1	1	1	1	1	1	100
5310	1	1	1	1	1	1	1	1	1	1	100
5315	1	1	1	1	1	1	1	1	1	1	100
5320	1	1	1	1	1	1	1	1	1	1	100
5325	1	1	1	1	1	1	1	1	1	1	100
5330	1	1	1	1	1	1	1	1	1	1	100

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### HE80 5530MHz

**EUT operating** 5530 **EUT 99% Bandwidth(MHz)** 76.324 Frequency(MHz)

**Radar Type Detction BW(MHz)** 80 Type 0

**Test Result** FH: 5570 FL: 5490 **Pass** \*

rest nesure		1 433		<i>*</i> *	1111	3370		1	3430		
Padio Fragueros	DFS Detection Trials (1=Detection, 0= No Detection)										
Radio Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	1	1	1	1	1	1	1	1	1	1	100
5495	1	1	1	1	1	1	1	1	1	1	100
5500	1	1	1	1	1	1	1	1	1	1	100
5505	1	1	1	1	1	1	1	1	1	1	100
5510	1	1	1	1	1	1	1	1	1	1	100
5515	1	1	1	1	1	1	1	1	1	1	100
5520	1	1	1	1	1	1	1	1	1	1	100
5525	1	1	1	1	1	1	1	1	1	1	100
5530	1	1	1	1	1	1	1	1	1	1	100
5535	1	1	1	1	1	1	1	1	1	1	100
5540	1	1	1	1	1	1	1	1	1	1	100
5545	1	1	1	1	1	1	1	1	1	1	100
5550	1	1	1	1	1	1	1	1	1	1	100
5555	1	1	1	1	1	1	1	1	1	1	100
5560	1	1	1	1	1	1	1	1	1	1	100
5565	1	1	1	1	1	1	1	1	1	1	100
5570	1	1	1	1	1	1	1	1	1	1	100

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