

# FCC Test Report

Report No.: AGC08260230901FR05

**FCC ID** : 2BAWX-FSC-BW151  
**APPLICATION PURPOSE** : Original Equipment  
**PRODUCT DESIGNATION** : WI-FI6/BT5.0 SOC Module  
**BRAND NAME** : N/A  
**MODEL NAME** : FSC-BW151  
**APPLICANT** : Postek Electronics Co., Ltd.  
**DATE OF ISSUE** : Jan. 19, 2024  
**STANDARD(S)** : FCC Part 15 Subpart F §15.407  
**REPORT VERSION** : V1.0

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**Report Revise Record**

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Jan. 19, 2024	Valid	Initial Release

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## Table of Contents

<b>1. General Information .....</b>	<b>4</b>
<b>2. Product Information .....</b>	<b>5</b>
2.1 Product Technical Description.....	5
2.2 DFS Band Carrier Frequencies Operation.....	6
2.3 Related Submittal(S) / Grant (S) .....	7
2.4 Test Methodology .....	7
2.5 Description of Test Mode.....	7
2.6 Summary of Test Result .....	7
2.7 Antenna Requirement.....	8
<b>3. Test Environment .....</b>	<b>9</b>
3.1 Address of The Test Laboratory .....	9
3.2 Test Facility.....	9
3.3 Environmental Conditions .....	10
3.4 List of Equipment Used .....	10
<b>4. DFS Detection Thresholds and Radar Test Waveforms.....</b>	<b>11</b>
4.1 Provisions Applicable .....	11
4.2 DFS Devices Requirements.....	12
4.3 DFS Detection Threshold Values .....	13
4.4 Parameters of DFS Test Signals .....	14
4.5 Measurement Setup (Block Diagram of Configuration).....	18
4.6 Measurement Procedure.....	19
4.7 Radar Waveform Calibration Plot.....	21
4.8 Measurement Results .....	22
<b>Appendix I: Photographs of Test Setup.....</b>	<b>25</b>
<b>Appendix II: Photographs of Test EUT .....</b>	<b>25</b>

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## 1. General Information

Applicant	Postek Electronics Co., Ltd.
Address	Wisdom Plaza, Block B, Tower 2, 18th Floor Qiaoxiang Road, Nanshan District, Shen Zhen, Guang Dong, China
Manufacturer	Postek Electronics Co., Ltd.
Address	Wisdom Plaza, Block B, Tower 2, 18th Floor Qiaoxiang Road, Nanshan District, Shen Zhen, Guang Dong, China
Factory	Postek Electronics Co., Ltd.
Address	Wisdom Plaza, Block B, Tower 2, 18th Floor Qiaoxiang Road, Nanshan District, Shen Zhen, Guang Dong, China
Product Designation	WI-FI6/BT5.0 SOC Module
Brand Name	N/A
Test Model	FSC-BW151
Series Model(s)	N/A
Difference Description	N/A
Date of receipt of test item	Sep. 28, 2023
Date of Test	Oct.16, 2023 –Jan. 19, 2024
Deviation from Standard	No any deviation from the test method
Condition of Test Sample	Normal
Test Result	Pass
Test Report Form No	AGCER-FCC-DFS-V1

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

Prepared By



Alan Duan  
(Project Engineer)

Jan. 19, 2024

Reviewed By



Calvin Liu  
(Reviewer)

Jan. 19, 2024

Approved By



Max Zhang  
(Authorized Officer)

Jan. 19, 2024

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## 2. Product Information

### 2.1 Product Technical Description

Frequency Range	<input checked="" type="checkbox"/> U-NII 2A:5250MHz~5350MHz <input checked="" type="checkbox"/> U-NII 2C:5470MHz~5725MHz		
Channel Bandwidth	<input checked="" type="checkbox"/> 20MHz <input checked="" type="checkbox"/> 40MHz <input type="checkbox"/> 80MHz		
Hardware Version	V1.0		
Software Version	V1.0.5		
Operating Mode	<input type="checkbox"/> Master		
	<input type="checkbox"/> Client with radar detection		
	<input checked="" type="checkbox"/> Client without radar detection		
TPC Function	<input type="checkbox"/> With TPC	<input checked="" type="checkbox"/> Without TPC	
Weather Band	<input checked="" type="checkbox"/> With 5600~5650MHz	<input type="checkbox"/> Without 5600~5650MHz	
Data transmission technology	TCP technology (Transmission between client and Master)		
Type of Modulation	802.11a/n:(64-QAM, 16-QAM, QPSK, BPSK) OFDM 802.11ac:(256-QAM, 64-QAM, 16-QAM, QPSK, BPSK) OFDM 802.11ax:(1024-QAM,256-QAM,64-QAM,16-QAM,QPSK,BPSK) OFDMA		
Data Rate	802.11a: 6/9/12/18/24/36/48/54Mbps; 802.11n: up to 300Mbps; 802.11ac: up to 866.6Mbps; 802.11ax: up to 1201Mbps		
Antenna Designation	FPC Antenna		
Antenna Gain	0.36dBi		
Power Supply	AC 120V		
Equipment Used	Router ID: MSQ-RTAXJFOO		

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## 2.2 DFS Band Carrier Frequencies Operation

There are three bandwidth systems.

For 20MHz bandwidth systems, use Channel 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140.

For 40MHz bandwidth systems, use Channel 54, 62, 102, 110, 118, 126, 134.

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
5250~5350 MHz U-NII Band 2A	52	5260 MHz	60	5300 MHz
	54	5270 MHz	62	5310 MHz
	56	5280 MHz	64	5320 MHz
5470~5725 MHz U-NII Band 2C	100	5500 MHz	120	5600 MHz
	102	5510 MHz	124	5620 MHz
	104	5520 MHz	126	5630 MHz
	108	5540 MHz	128	5640 MHz
	110	5550 MHz	132	5660 MHz
	112	5560 MHz	134	5670 MHz
	116	5580 MHz	136	5680 MHz
	118	5590 MHz	140	5700 MHz

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### 2.3 Related Submittal(S) / Grant (S)

This submittal(s) (test report) is intended for FCC ID: 2BAWX-FSC-BW151, filing to comply with Part 2, Part 15 of the Federal Communication Commission rules.

### 2.4 Test Methodology

The tests were performed according to following standards:

No.	Identity	Document Title
1	FCC 47 CFR Part 2	Frequency allocations and radio treaty matters; general rules and regulations
2	FCC 47 CFR Part 15	Radio Frequency Devices
3	KDB 905462	D02 UNII DFS Compliance Procedures New Rules v02

### 2.5 Description of Test Mode

- The tests in this section are run sequentially and the UUT must pass all tests successfully. If the UUT fails any one of the tests it will count as a failure of compliance.
- To show compliance, all tests must be performed with waveforms randomly generated as specified with test results meeting the required percentage of successful detection criteria.
- One frequency will be chosen from the operating Channels of the UUT within the 5250-5350 MHz or 5470-5725 MHz bands.

### 2.6 Summary of Test Result

Ref Std.Clause	Description of Test	Result
KDB 905462 7.8.1	DFS: UNII Detection BandwidthMeasurement	N/A
KDB 905462 7.8.2.1	DFS: Initial Channel AvailabilityCheck Time	N/A
KDB 905462 7.8.2.2	DFS: Radar Burst at the Beginning ofthe Channel Availability Check Time	N/A
KDB 905462 7.8.2.3	DFS: Radar Burst at the End of theChannel Availability Check Time	N/A
KDB 905462 7.8.3	DFS: In-Service Monitoring forChannel Move Time (CMT)	Pass
KDB 905462 7.8.3	DFS: In-Service Monitoring for Channel Closing Transmission Time(CCTT)	Pass
KDB 905462 7.8.3	DFS: In-Service Monitoring forNon-Occupancy Period (NOP)	Pass

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## 2.7 Antenna Requirement

Standard Requirement
<b>15.203 requirement:</b> An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.
<b>EUT Antenna:</b> The non-detachable antenna inside the device cannot be replaced by the user at will. The gain of the antenna is 0.36dBi.

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### 3. Test Environment

#### 3.1 Address of The Test Laboratory

Laboratory: Attestation of Global Compliance (Shenzhen) Co., Ltd.

Address: 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

#### 3.2 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

##### CNAS-Lab Code: L5488

Attestation of Global Compliance (Shenzhen) Co., Ltd. has been assessed and proved to follow CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories).

##### A2LA-Lab Cert. No.: 5054.02

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to follow ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

##### FCC-Registration No.: 975832

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files with Registration 975832.

##### IC-Registration No.: 24842 (CAB identifier: CN0063)

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the Certification and Engineering Bureau of Industry Canada. The acceptance letter from the IC is maintained in our files with Registration 24842.

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### 3.3 Environmental Conditions

	Normal Conditions
Temperature range (°C)	15 - 35
Relative humidity range	20 % - 75 %
Pressure range (kPa)	86 - 106

### 3.4 List of Equipment Used

Description	Manufacturer	Model No.	S/N	Calibration Due.	Calibration Due.
MXG X-Series Vector Signal Generator	Agilent	N5182B	MY53050647	Mar. 03, 2023	Mar. 02, 2024
EXA Signal Analyzer	Agilent	N9020A	MY49100060	Jun. 01, 2023	May 31, 2024
Attenuator	ZHINAN	E-002	N/A	Jun. 09, 2023	Jun. 08, 2024
Power splitter	Mini-Circuits	ZFRSC-183-s	3122	N/A	N/A
RF Cable	Harbour	SHWCB-3000-N	N/A	May 13, 2022	May 12, 2024
DFS waveform Generator software	Keysight	N7607C V2.0.0.0	N/A	N/A	N/A
DFS data Analyzer software	Tonscend	JS1120-2	N/A	N/A	N/A
AP(Master)	ZTE	ZXHN F670	N/A	N/A	N/A

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## 4. DFS Detection Thresholds and Radar Test Waveforms

### 4.1 Provisions Applicable

The following table from FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 lists the applicable requirements for the DFS testing.

**Table 3-1: Applicability of DFS Requirements Prior to Use of a Channel**

Requirement	Operational Mode		
	<input type="checkbox"/> Master	<input checked="" type="checkbox"/> Client without Radar Detection	<input type="checkbox"/> 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 Bandwidth	Yes	Not required	Yes

**Table 3-2: Applicability of DFS requirements during normal operation**

Requirement	Operational Mode	
	<input type="checkbox"/> Master Device or Client with Radar Detection	<input checked="" type="checkbox"/> Client with Radar Detection
Non-Occupancy Period	Yes	Not required
DFS Detection Threshold	Yes	Yes
Channel Availability Check Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

Additional requirements for devices with multiple bandwidth modes	<input type="checkbox"/> Master Device or Client with Radar Detection	<input checked="" type="checkbox"/> Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission 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 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.

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## 4.2 DFS Devices Requirements

**Per FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 the following are the requirements for Client Devices:**

- a) A Client Device will not transmit before having received appropriate control signals from a Master Device.
- b) A Client Device will stop all its transmissions whenever instructed by a Master Device to which it is associated and will meet the Channel Move Time and Channel Closing transmission time requirements. The Client Device will not resume any transmissions until it has again received control signals from a Master Device.
- c) If a Client Device is performing In-Service Monitoring and detects a Radar Waveform above the DFS Detection Threshold, it will inform the Master Device. This is equivalent to the Master Device detecting the Radar Waveform.
- d) Irrespective of Client Device or Master Device detection the Channel Move Time and Channel Closing Transmission Time requirements remain the same.
- e) The client test frequency must be monitored to ensure no transmission of any type has occurred for 30 minutes. Note: If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shut down (rather than moving channels), no beacons should appear.

 **Channel Move Time and Channel Closing Transmission Time requirements are listed in the following table.**

**Table 3-3: DFS Response Requirements**

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.

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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#### 4.3 DFS Detection Threshold Values

The DFS detection thresholds are defined for Master devices and Client Devices with In-service monitoring. These detection thresholds are listed in the following table.

**Table 3-4: Detection Thresholds for Master Devices and Client Devices with Radar Detection**

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP $\geq 200$ 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
EIRP $\geq 200$ milliwatt	-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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#### 4.4 Parameters of DFS Test Signals

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

##### ● Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 3-6	Roundup $\left\lceil \left( \frac{1}{360} \right) \cdot \left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\rceil$	60%	30
		Test B: 15 unique PRI values randomly selected within the range of 518-3066μsec, with a minimum increment of 1μsec, 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.					

Table 3-5: Parameters for Short Pulse Radar Waveforms

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A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms.

Pulse Repetition Frequency Number	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)
1	1930.5	518
2	1858.7	538
3	1792.1	558
4	1730.1	578
5	1672.2	598
6	1618.1	618
7	1567.4	638
8	1519.8	658
9	1474.9	678
10	1432.7	698
11	1392.8	718
12	1355.0	738
13	1319.3	758
14	1285.3	778
15	1253.1	798
16	1222.5	818
17	1193.3	838
18	1165.6	858
19	1139.0	878
20	1113.6	898
21	1089.3	918
22	1066.1	938
23	326.2	3066

**Table 3-6: Pulse Repetition Intervals Values for Test A**

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- **Long Pulse Radar Test Waveform**

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

**Table 3-7: Parameters for Long Pulse Radar Waveforms**

The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse Radar Type waveforms. If more than 30 waveforms are used for the Long Pulse Radar Type waveforms, then each additional waveform must also be unique and not repeated from the previous waveforms.

- **Frequency Hopping Radar Test Waveform**

Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

**Table 3-7: Parameters for Long Pulse Radar Waveforms**

For the Frequency Hopping Radar Type, the same Burst parameters are used for each waveform. The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until all 475 frequencies are chosen for the set. For selection of a random frequency, the frequencies remaining within the group are always treated as equally likely

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## Radar Type 0

Trial ID	Radar Type	Pulse Width (μs)	PRI (μs)	Number of Pulses	Waveform Length (μs)
0	Type 0	1.0	1428.0	18	25704.0
1	Type 0	1.0	1428.0	18	25704.0
2	Type 0	1.0	1428.0	18	25704.0
3	Type 0	1.0	1428.0	18	25704.0
4	Type 0	1.0	1428.0	18	25704.0
5	Type 0	1.0	1428.0	18	25704.0
6	Type 0	1.0	1428.0	18	25704.0
7	Type 0	1.0	1428.0	18	25704.0
8	Type 0	1.0	1428.0	18	25704.0
9	Type 0	1.0	1428.0	18	25704.0
10	Type 0	1.0	1428.0	18	25704.0
11	Type 0	1.0	1428.0	18	25704.0
12	Type 0	1.0	1428.0	18	25704.0
13	Type 0	1.0	1428.0	18	25704.0
14	Type 0	1.0	1428.0	18	25704.0
15	Type 0	1.0	1428.0	18	25704.0
16	Type 0	1.0	1428.0	18	25704.0
17	Type 0	1.0	1428.0	18	25704.0
18	Type 0	1.0	1428.0	18	25704.0
19	Type 0	1.0	1428.0	18	25704.0
20	Type 0	1.0	1428.0	18	25704.0
21	Type 0	1.0	1428.0	18	25704.0
22	Type 0	1.0	1428.0	18	25704.0
23	Type 0	1.0	1428.0	18	25704.0
24	Type 0	1.0	1428.0	18	25704.0
25	Type 0	1.0	1428.0	18	25704.0
26	Type 0	1.0	1428.0	18	25704.0
27	Type 0	1.0	1428.0	18	25704.0
28	Type 0	1.0	1428.0	18	25704.0
29	Type 0	1.0	1428.0	18	25704.0

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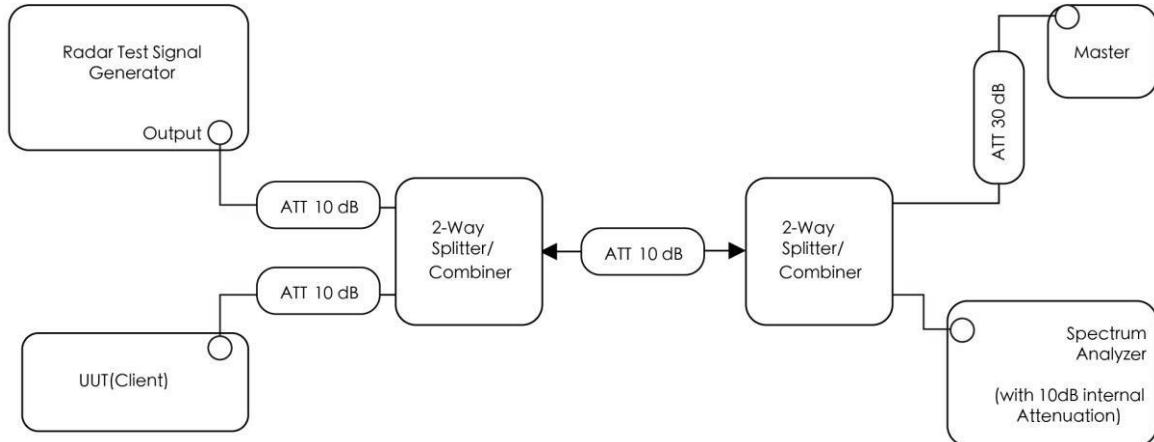
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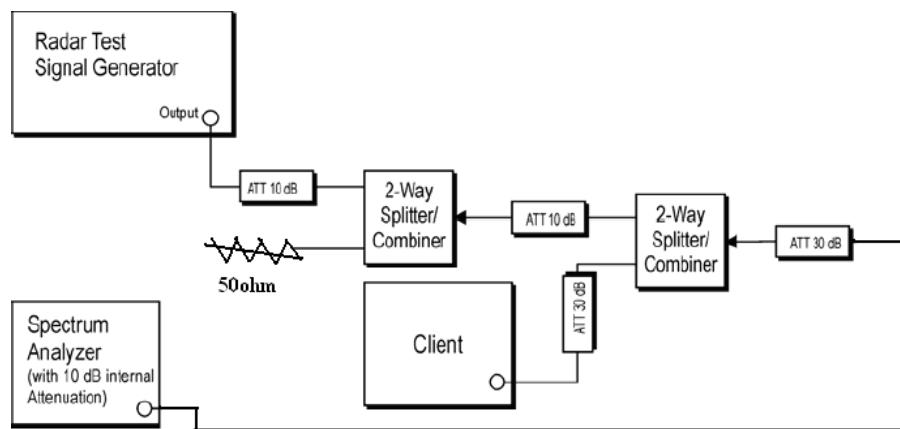
#### 4.5 Measurement Setup (Block Diagram of Configuration)

The FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v01 describes a radiated test setup and a conducted test setup. The conducted test setup was used for this testing. Figure 3-1 shows the typical test setup.



**Figure 3-1: Conducted Test Setup where UUT is a Client and Radar Test Waveforms are injected into the Masters**

The conducted test setup was used for this calibration testing. Figure 3-2 shows the typical test setup.



**Figure 3-2: Radar Waveform Calibration Conducted Test Setup**

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#### 4.6 Measurement Procedure

##### **Radar Waveform Calibration Measurement**

- The Interference Radar Detection Threshold Level is  $(-64\text{dBm}) + (0) [\text{dBi}] + 1 \text{ dB} = -63 \text{ dBm}$  that had been taken into account the output power range and antenna gain.
- The above equipment setup was used to calibrate the conducted Radar Waveform. A vector signal generator was utilized to establish the test signal level for each radar type.
- During this process there were replace 50ohm terminal form Master and Client device and no transmissions by either the Master or Client Device.
- The spectrum analyzer was switched to the zero span (Time Domain) at the frequency of the Radar Waveform generator. Peak detection was used.
- The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to at least 3MHz. The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was  $(-64\text{dBm}) + (0) [\text{dBi}] + 1 \text{ dB} = -63\text{dBm}$ .
- Capture the spectrum analyzer plots on short pulse radar types, long pulse radar type and hopping radar waveform.

##### **In-Service Monitoring Measurement**

- The test should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0.
- When the radar burst with a level equal to the DFS Detection Threshold + 1dB is generated on the Operating Channel of the U-NII device. A U-NII device operating as a Master Device will associate with the Client Device at Channel. Stream the MPEG test file from the Master Device to the Client Device on the selected Channel for the entire period of the test. At time T0 the Radar Waveform generator sends a Burst of pulses for each of the radar types at Detection Threshold + 1dB.
- Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the EUT during the observation time (Channel Move Time).
- Measurement of the aggregate duration of the Channel Closing Transmission Time method. with the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (1.5ms) =  $S (12 \text{ sec}) / B (8000)$ ; where Dwell is the dwell time per spectrum analyzer sampling bin, S is the sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: 80MHz:  $C = N \times \text{Dwell}$ ; where C is the Closing Time, N is the number of spectrum analyzer sampling bins showing a U-NII transmission and Dwell is the dwell time per bin.
- Measure the UUT for more than 30 minutes following the channel close/move time to verify that the UUT does not resume any transmissions on this Channel.

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 **The Following are Specific Test Steps:**

- a) When a Client Device without Radar Detection is the UUT, the Master Device is the Radar Detection Device.
- b) A spectrum analyzer is used to establish the test signal level for each radar type.
- c) During this process, there are no transmissions by either the Master Device or Client Device.
- d) The spectrum analyzer is switched to the zero span (time domain) mode at the frequency of the Radar Waveform generator. The peak detector function of the spectrum analyzer is utilized. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) are set to at least 3 MHz.
- e) The measured channels are 5260MHz in 20MHz Bandwidth and 5500MHz in 20MHz Bandwidth. The Radar signal was the same as transmitted channels, and injected into the antenna port of AP (master), measured the DFS parameters.
- f) The master transmitted the test data to client, the transmitted duty cycle is 46%.

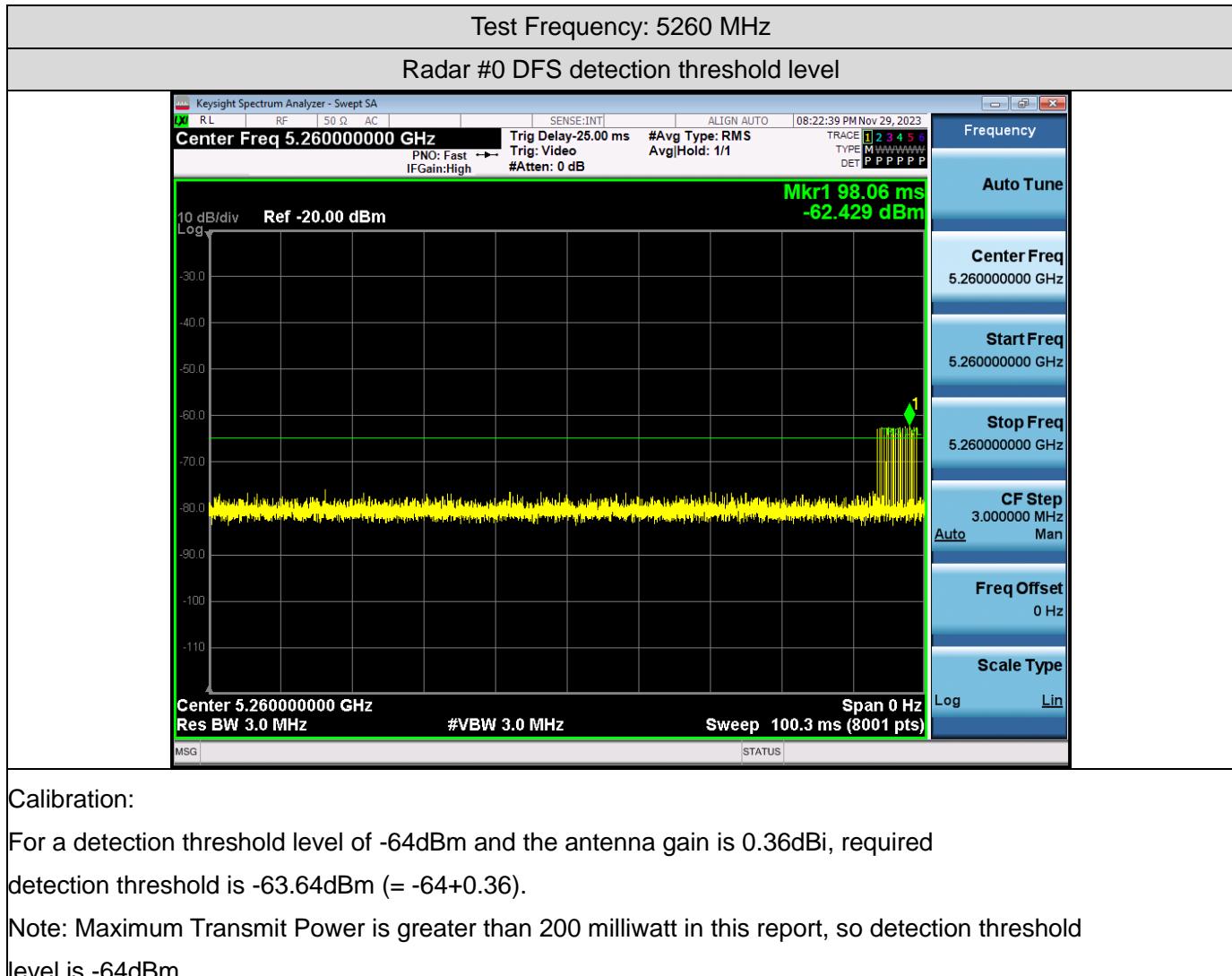
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#### 4.7 Radar Waveform Calibration Plot



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#### 4.8 Measurement Results

##### Channel Move Time and Channel Closing Transmission Time

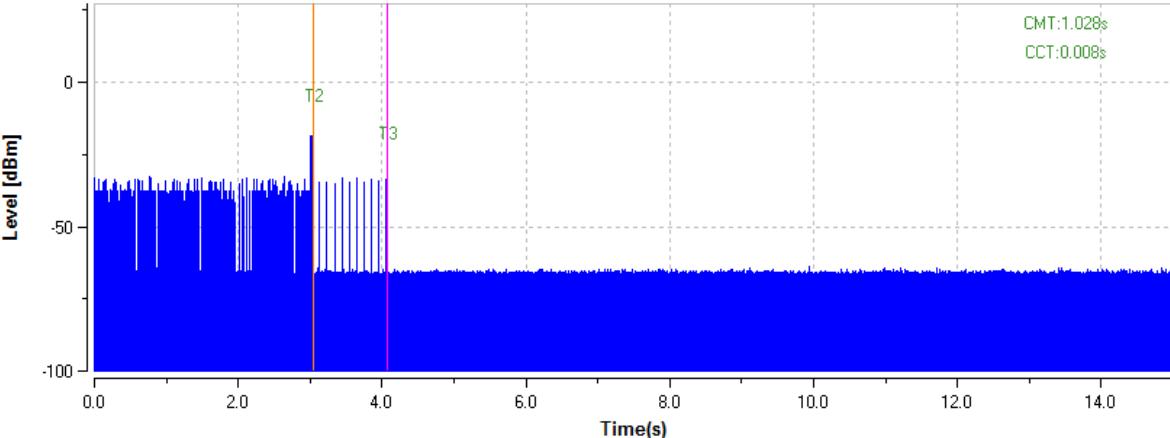
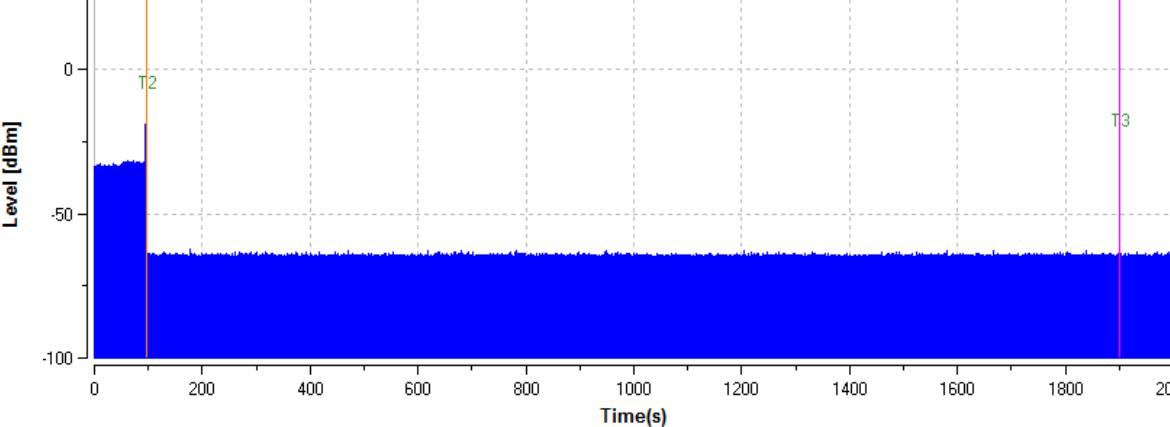
Test Mode	Requirement	Measurement Level	Limit	Result
802.11ax40 (5310MHz)	Channel Closing Transmission Time	0.008	≤0.26s	Pass
	Channel Move Time	1.028s	≤10s	Pass
	Non-Occupancy Period (min)	≥ 30min	≥ 30 min	Pass
802.11ax40 (5670MHz)	Channel Closing Transmission Time	0.020s	≤0.26s	Pass
	Channel Move Time	1.190s	≤10s	Pass
	Non-Occupancy Period (min)	≥ 30min	≥ 30 min	Pass

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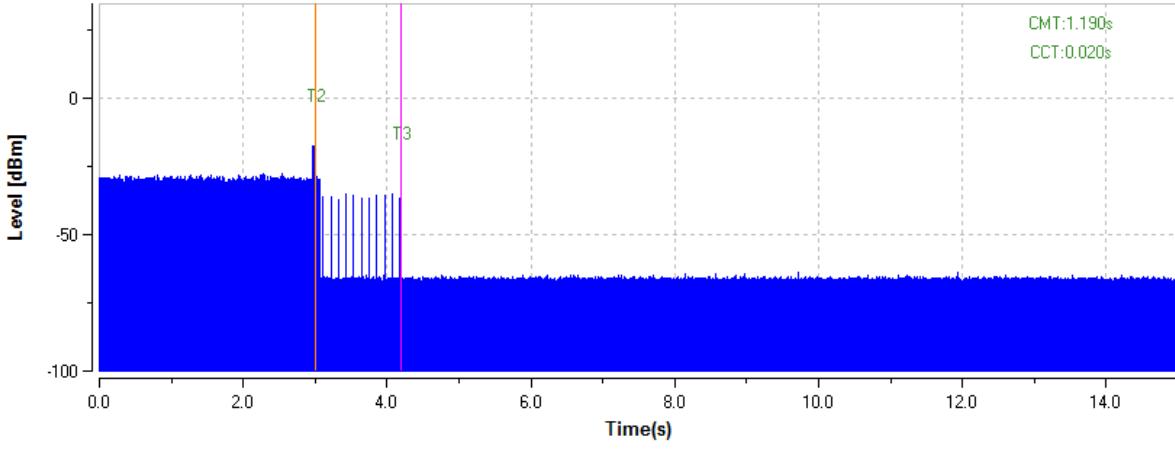
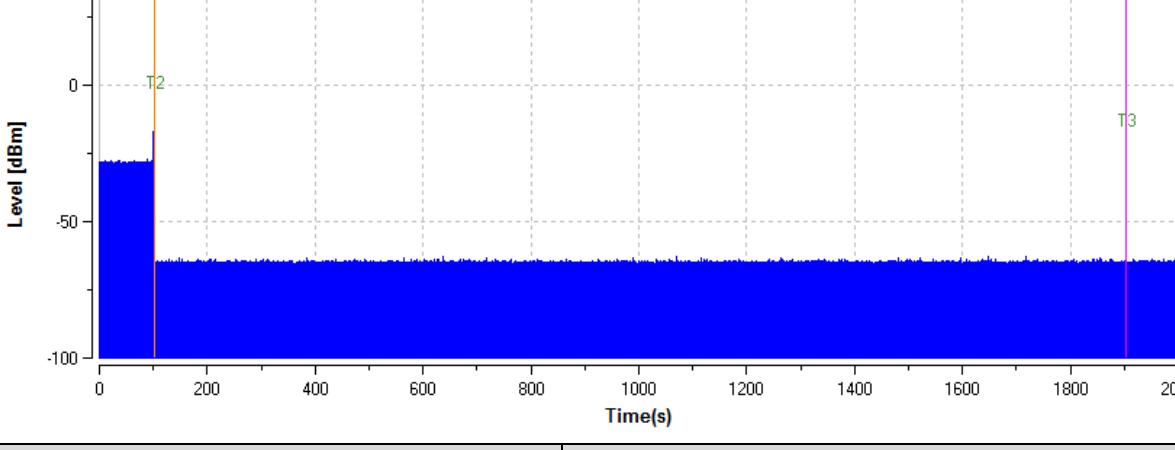
Modulation Mode	Freq. (MHz)	Radar Type Signal
802.11ax40	5310 MHz	0
<b>Channel Move Time and Channel Closing Transmission Time</b>		
<b>Channel Shutdown</b>		
		
<b>Non-occupancy Period-Elapse time 30minutes</b>		
<b>Non-Occupancy Period</b>		
		
Test Result	Complied	

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Modulation Mode	Freq. (MHz)	Radar Type Signal
802.11ax40	5670 MHz	0
<b>Channel Move Time and Channel Closing Transmission Time</b>		
<b>Channel Shutdown</b>		
 <p>This plot shows the signal level in dBm over time in seconds. The x-axis ranges from 0.0 to 14.0, and the y-axis ranges from -100 to 0. A blue line represents the signal level, which is relatively flat at approximately -60 dBm until 3.0 seconds, then drops to -100 dBm. A vertical orange line at 3.0 seconds is labeled T2. A vertical pink line at 4.0 seconds is labeled T3. Text in the top right corner of the plot area indicates 'CMT:1.190s' and 'CCT:0.020s'.</p>		
<b>Non-occupancy Period-Elapse time 30minutes</b>		
<b>Non-Occupancy Period</b>		
 <p>This plot shows the signal level in dBm over time in seconds. The x-axis ranges from 0 to 2000, and the y-axis ranges from -100 to 0. A blue line represents the signal level, which is relatively flat at approximately -60 dBm. A vertical orange line at approximately 100 seconds is labeled T2. A vertical pink line at approximately 1900 seconds is labeled T3.</p>		
Test Result	Complied	

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**Appendix I: Photographs of Test Setup**

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**Appendix II: Photographs of Test EUT**

Refer to the Report No.: AGC08260230901AP02

**----End of Report----**

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8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract or warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

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