

# TEST REPORT

**Application No.:** GZCR2206000849HS  
**Applicant:** GREE Electric Appliances, Inc. of Zhuhai  
**Address of Applicant:** West Jinji Rd, Qianshan, Zhuhai, Guangdong, China 519070  
**Manufacturer:** GREE Electric Appliances, Inc. of Zhuhai  
**Address of Manufacturer:** West Jinji Rd, Qianshan, Zhuhai, Guangdong, China 519070  
**Factory:** GREE Electric Appliances, Inc. of Zhuhai  
**Address of Factory:** West Jinji Rd, Qianshan, Zhuhai, Guangdong, China 519070  
**Equipment Under Test (EUT):**  
**EUT Name:** WIFI module  
**Model No.:** GRJWB04-J4  
**Trade Mark:** GREE  
**Standard(s) :** 47 CFR Part 15, Subpart E 15.407(h)(2)  
**Date of Receipt:** 2022-06-30  
**Date of Test:** 2022-08-01 to 2022-09-15  
**Date of Issue:** 2022-09-29

|                     |              |
|---------------------|--------------|
| <b>Test Result:</b> | <b>Pass*</b> |
|---------------------|--------------|

\* In the configuration tested, the EUT complied with the standards specified above.

*Ricky Liu*

Ricky Liu  
EMC Laboratory Manager



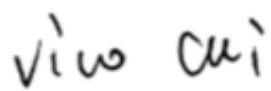
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| Revision Record |                  |            |          |
|-----------------|------------------|------------|----------|
| Version         | Report No.       | Date       | Remark   |
| 01              | GZCR220600084904 | 2022-09-29 | Original |
|                 |                  |            |          |
|                 |                  |            |          |

|                          |  |                                                                                     |  |
|--------------------------|--|-------------------------------------------------------------------------------------|--|
| Authorized for issue by: |  |                                                                                     |  |
|                          |  |  |  |
|                          |  | Curry Wu/Project Engineer                                                           |  |
|                          |  |  |  |
|                          |  | Vico Cui/Reviewer                                                                   |  |

## 2 Test Summary

| Radio Spectrum Matter Part        |                                        |                              |                            |        |
|-----------------------------------|----------------------------------------|------------------------------|----------------------------|--------|
| Item                              | Standard                               | Method                       | Requirement                | Result |
| Non-occupancy period              | 47 CFR Part 15, Subpart E 15.407(h)(2) | KDB 905462 D02 Section 7.8.3 | KDB 905462 D02 Section 5.1 | Pass   |
| Channel Move Time                 |                                        | KDB 905462 D02 Section 7.8.3 | KDB 905462 D02 Section 5.1 | Pass   |
| Channel Closing Transmission Time |                                        | KDB 905462 D02 Section 7.8.3 | KDB 905462 D02 Section 5.1 | Pass   |

### Note:

E.U.T./EUT means Equipment Under Test.

Pass means the test result passed the test standard requirement, please find the detailed decision rule in the report relative section.



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## 4 General Information

### 4.1 Details of E.U.T.

|                              |                                                                                              |
|------------------------------|----------------------------------------------------------------------------------------------|
| Power supply:                | DC 5V supply by PCB board                                                                    |
| Test Voltage:                | AC 120 V, 60 Hz powered by Power adaptor refer to section 4.2                                |
| Operation Frequency (20MHz): | U-NII-1: 5180-5240MHz; U-NII-2A: 5260-5320MHz; U-NII-2C: 5500-5700MHz; U-NII-3: 5745-5825MHz |
| Operation Frequency (40MHz): | U-NII-1: 5190-5230MHz; U-NII-2A: 5270-5310MHz; U-NII-2C: 5510-5670MHz; U-NII-3: 5755-5795MHz |
| Modulation Type:             | 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM)           |
| Channel Spacing:             | 802.11a/n(HT20): 20MHz; 802.11n(HT40): 40MHz                                                 |
| DFS Function:                | Slave without Radar detection                                                                |
| TPC Function:                | Without TPC function                                                                         |
| Antenna Type:                | PCB Antenna                                                                                  |
| Antenna Gain:                | 1.5dBi                                                                                       |
| Hardware Version:            | V1.0                                                                                         |
| Software Version:            | V1.00                                                                                        |
| Sample NO.:                  | A3                                                                                           |

### 4.2 Description of Support Units

| Description   | Manufacturer                | Model No.  | Serial No. |
|---------------|-----------------------------|------------|------------|
| PCB board     | gree                        | N/A        | N/A        |
| Power adaptor | Dongguan Dazhong electronic | DZ-120250C | N/A        |

### 4.3 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou Branch EMC Laboratory,  
198 Kezhu Road, Sciencetech Park, Guangzhou Economic & Technology Development District,  
Guangzhou, China 510663

Tel: +86 20 82155555 Fax: +86 20 82075059

No tests were sub-contracted.



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#### 4.4 Test Facility

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

- **ACMA**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory can also perform testing for the Australian/New Zealand Regulatory Compliance Mark (RCM).

- **SGS UK(Certificate No.: 32), SGS-TUV SAARLAND and SGS-FIMKO**

Have approved SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory as a supplier of EMC TESTING SERVICES and SAFETY TESTING SERVICES.

- **FCC Recognized Accredited Test Firm(Registration No.: 486818)**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been accredited and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Designation Number: CN5016, Test Firm Registration Number: 486818.

- **ISED (Registration No.: 4620B, CAB identifier: CN0052)**

SGS-CSTC Standards Technical Services Co., Ltd., has been registered by Innovation Science and Economic Development Canada for Wireless Device Testing laboratories to test to Canadian radio equipment requirements. Registration No. 4620B, CAB identifier: CN0052.

- **VCCI (Registration No.: R-12460, C-12584, G-20107 and T-11179)**

The 10m Semi-anechoic chamber, 966 Anechoic Chamber and Shielded Room of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-12460, C-12584, G-20107 and T-11179 respectively.

- **CBTL (Lab Code: TL129)**

SGS-CSTC Standards Technical Services Co., Ltd., E&E Laboratory has been assessed and fully comply with the requirements of ISO/IEC 17025:2017, the Basic Rules, IECEE 01 and Rules of procedure IECEE 02, and the relevant IECEE CB-Scheme Operational documents.

#### 4.5 Deviation from Standards

None

#### 4.6 Abnormalities from Standard Conditions

None



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## 5 Equipment List

| Non-occupancy period             |              |           |               |            |              |
|----------------------------------|--------------|-----------|---------------|------------|--------------|
| Equipment                        | Manufacturer | Model No. | Inventory No. | Cal Date   | Cal Due Date |
| MI CABLE                         | SGS-EMC      | 0.8M      | EMC2137       | 2021-11-02 | 2023-11-01   |
| EXA Signal Analyzer (10Hz-44GHz) | Keysight     | N9010A    | EMC2138       | 2022-09-08 | 2023-09-07   |
| MXG Vector Signal Generator      | Keysight     | N5182B    | EMC2216       | 2022-01-14 | 2023-01-13   |
| 4X4 Power sensor Unit            | TST          | TSPS2023R | EMC2226       | 2022-08-24 | 2023-08-23   |
| Test Software                    | TST          | V2.0      | GZE100-78     | N/A        | N/A          |

| Channel Move Time                |              |           |               |            |              |
|----------------------------------|--------------|-----------|---------------|------------|--------------|
| Equipment                        | Manufacturer | Model No. | Inventory No. | Cal Date   | Cal Due Date |
| MI CABLE                         | SGS-EMC      | 0.8M      | EMC2137       | 2021-11-02 | 2023-11-01   |
| EXA Signal Analyzer (10Hz-44GHz) | Keysight     | N9010A    | EMC2138       | 2022-09-08 | 2023-09-07   |
| MXG Vector Signal Generator      | Keysight     | N5182B    | EMC2216       | 2022-01-14 | 2023-01-13   |
| 4X4 Power sensor Unit            | TST          | TSPS2023R | EMC2226       | 2022-08-24 | 2023-08-23   |
| Test Software                    | TST          | V2.0      | GZE100-78     | N/A        | N/A          |

| Channel Closing Transmission Time |              |           |               |            |              |
|-----------------------------------|--------------|-----------|---------------|------------|--------------|
| Equipment                         | Manufacturer | Model No. | Inventory No. | Cal Date   | Cal Due Date |
| MI CABLE                          | SGS-EMC      | 0.8M      | EMC2137       | 2021-11-02 | 2023-11-01   |
| EXA Signal Analyzer (10Hz-44GHz)  | Keysight     | N9010A    | EMC2138       | 2022-09-08 | 2023-09-07   |
| MXG Vector Signal Generator       | Keysight     | N5182B    | EMC2216       | 2022-01-14 | 2023-01-13   |
| 4X4 Power sensor Unit             | TST          | TSPS2023R | EMC2226       | 2022-08-24 | 2023-08-23   |
| Test Software                     | TST          | V2.0      | GZE100-78     | N/A        | N/A          |

| General used equipment |              |          |              |            |              |
|------------------------|--------------|----------|--------------|------------|--------------|
| Equipment              | Manufacturer | Model No | Inventory No | Cal Date   | Cal Due Date |
| DMM                    | Fluke        | 73       | EMC0006      | 2022-06-24 | 2023-06-23   |

## 6 Radio Spectrum Matter Test Results

### 6.1 Non-occupancy period

Test Requirement KDB 905462 D02 Section 5.1

Test Method: KDB 905462 D02 Section 7.8.3

Limit:

| Test item                         | Limit                                                                                                     | Applicability                                |                                |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------|
|                                   |                                                                                                           | Master Device or client with Radar Detection | Client without Radar Detection |
| Non-occupancy period              | Minimum 30 minutes                                                                                        | Yes                                          | Not required                   |
| Channel Availability Check Time   | 60 seconds                                                                                                | Yes                                          | Not required                   |
| Channel Move Time                 | 10 seconds<br>See Note 1.                                                                                 | Yes                                          | Yes                            |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.<br>See Notes 1 and 2. | Yes                                          | Yes                            |
| U-NII Detection Bandwidth         | Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.                                   | Yes                                          | Not required                   |

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.

#### 6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 24.6 °C Humidity: 50.6 % RH Atmospheric Pressure: 1006 mbar



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## 6.1.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed 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:  $Dwell (0.3ms) = S (12000ms) / B (4000)$ ; where Dwell is the dwell time per spectrum analyzer sampling bin, S is 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:  $C (ms) = N \times Dwell (0.3ms)$ ; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

## 6.2 Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1

Test Method: KDB 905462 D02 Section 7.8.3

Limit:

| Test item                         | Limit                                                                                                     | Applicability                                |                                |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------|
|                                   |                                                                                                           | Master Device or client with Radar Detection | Client without Radar Detection |
| Non-occupancy period              | Minimum 30 minutes                                                                                        | Yes                                          | Not required                   |
| Channel Availability Check Time   | 60 seconds                                                                                                | Yes                                          | Not required                   |
| Channel Move Time                 | 10 seconds<br>See Note 1.                                                                                 | Yes                                          | Yes                            |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.<br>See Notes 1 and 2. | Yes                                          | Yes                            |
| U-NII Detection Bandwidth         | Minimum 100% of the U-NII 99% transmission power bandwidth.<br>See Note 3.                                | Yes                                          | Not required                   |

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.

### 6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 24.6 °C

Humidity: 50.6 % RH

Atmospheric Pressure: 1006 mbar



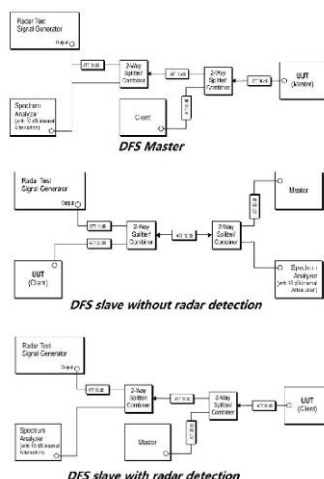
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### 6.2.2 Test Mode Description

| Pre-scan /<br>Final test | Mode<br>Code | Description                                                            |
|--------------------------|--------------|------------------------------------------------------------------------|
| Final test               | 07           | Normal operating_Keep the EUT communication with the companion device. |

### 6.2.3 Test Setup Diagram



#### 6.2.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed 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:  $Dwell (0.3ms) = S (12000ms) / B (4000)$ ; where Dwell is the dwell time per spectrum analyzer sampling bin, S is 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:  $C (ms) = N \times Dwell (0.3ms)$ ; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

### 6.3 Channel Closing Transmission Time

Test Requirement KDB 905462 D02 Section 5.1

Test Method: KDB 905462 D02 Section 7.8.3

Limit:

| Test item                         | Limit                                                                                                     | Applicability                                |                                |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------|
|                                   |                                                                                                           | Master Device or client with Radar Detection | Client without Radar Detection |
| Non-occupancy period              | Minimum 30 minutes                                                                                        | Yes                                          | Not required                   |
| Channel Availability Check Time   | 60 seconds                                                                                                | Yes                                          | Not required                   |
| Channel Move Time                 | 10 seconds<br>See Note 1.                                                                                 | Yes                                          | Yes                            |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.<br>See Notes 1 and 2. | Yes                                          | Yes                            |
| U-NII Detection Bandwidth         | Minimum 100% of the U-NII 99% transmission power bandwidth.<br>See Note 3.                                | Yes                                          | Not required                   |

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.

#### 6.3.1 E.U.T. Operation

Operating Environment:

Temperature: 24.6 °C Humidity: 50.6 % RH Atmospheric Pressure: 1006 mbar



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#### 6.3.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed 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:  $Dwell (0.3ms) = S (12000ms) / B (4000)$ ; where Dwell is the dwell time per spectrum analyzer sampling bin, S is 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:  $C (ms) = N \times Dwell (0.3ms)$ ; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

## 7 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for GZCR2206000849HS

## 8 Appendix

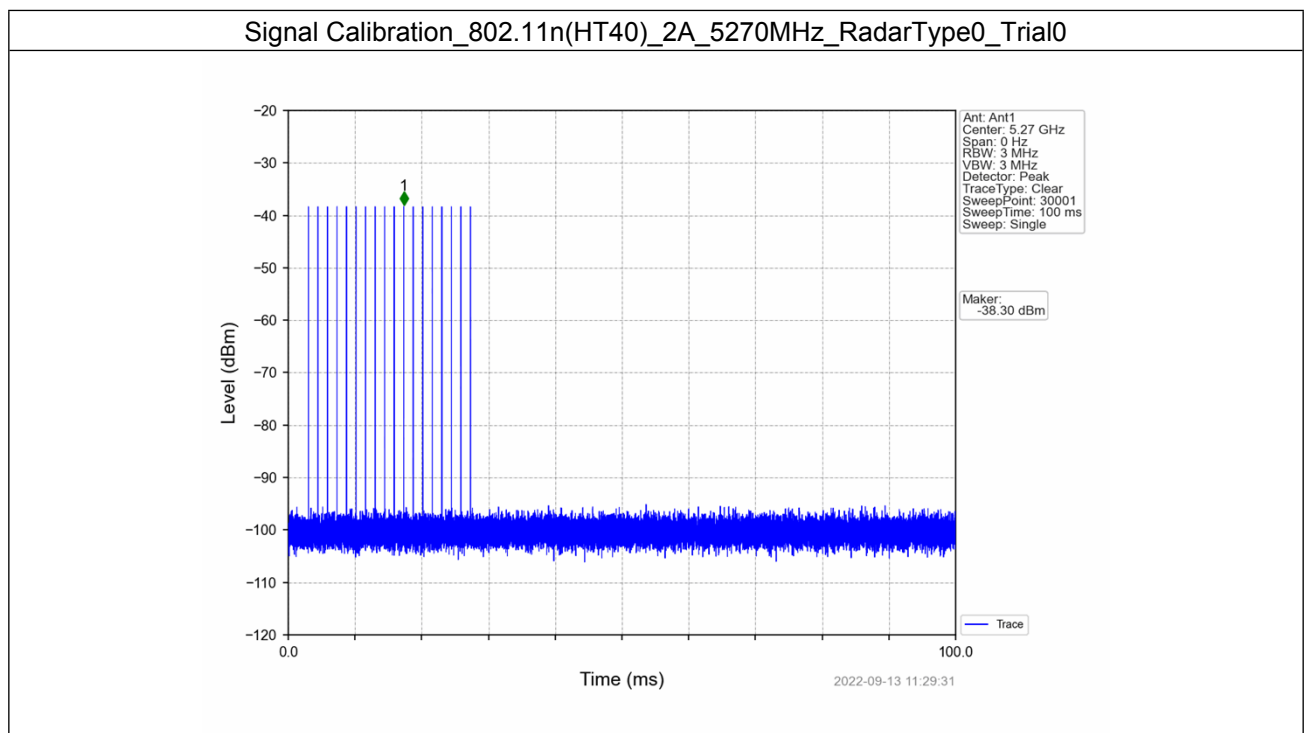
### 1. Signal Calibration

#### 1.1 SC

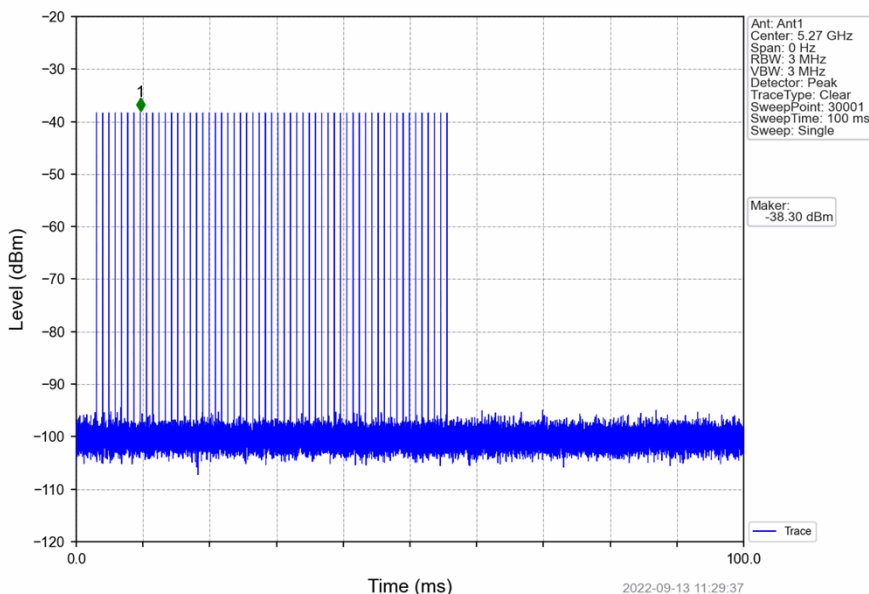
##### 1.1.1 Test Result

| Band: 2A       |                 |                 |              |          |                     |       |         |
|----------------|-----------------|-----------------|--------------|----------|---------------------|-------|---------|
| Mode           | Bandwidth (MHz) | Frequency (MHz) | Radar Signal |          | Signal Calibration  |       | Verdict |
|                |                 |                 | Type         | Trial Id | Result              | Limit |         |
| 802.11n (HT40) | 40              | 5270            | 0            | 0        | Refer To Test Graph |       | Pass    |
|                |                 |                 | 1            | 0        | Refer To Test Graph |       | Pass    |
|                |                 |                 | 2            | 0        | Refer To Test Graph |       | Pass    |
|                |                 |                 | 3            | 0        | Refer To Test Graph |       | Pass    |
|                |                 |                 | 4            | 0        | Refer To Test Graph |       | Pass    |
|                |                 |                 | 5            | 0        | Refer To Test Graph |       | Pass    |
|                |                 |                 | 6            | 0        | Refer To Test Graph |       | Pass    |

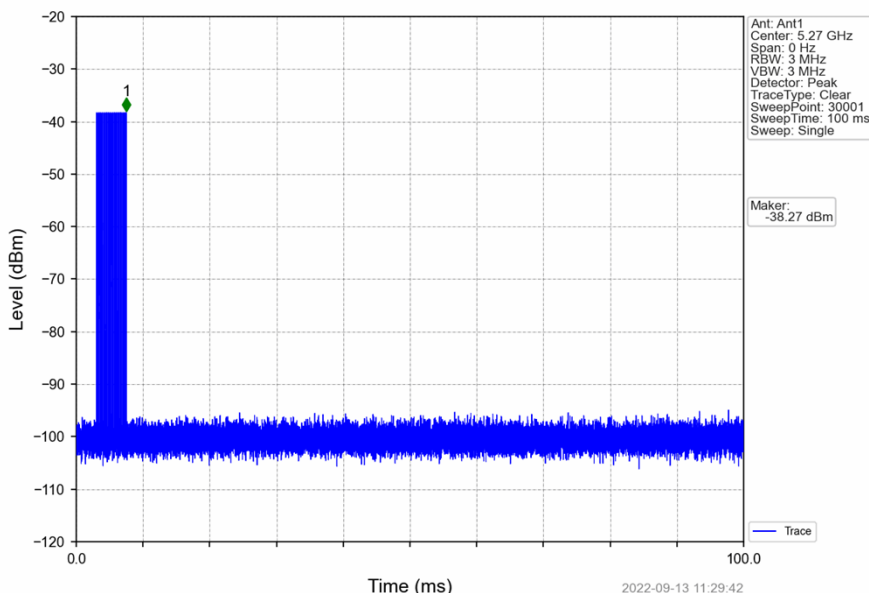
##### 1.1.2 Test Graph



### Signal Calibration\_802.11n(HT40)\_2A\_5270MHz\_RadarType1\_Trial0



### Signal Calibration\_802.11n(HT40)\_2A\_5270MHz\_RadarType2\_Trial0

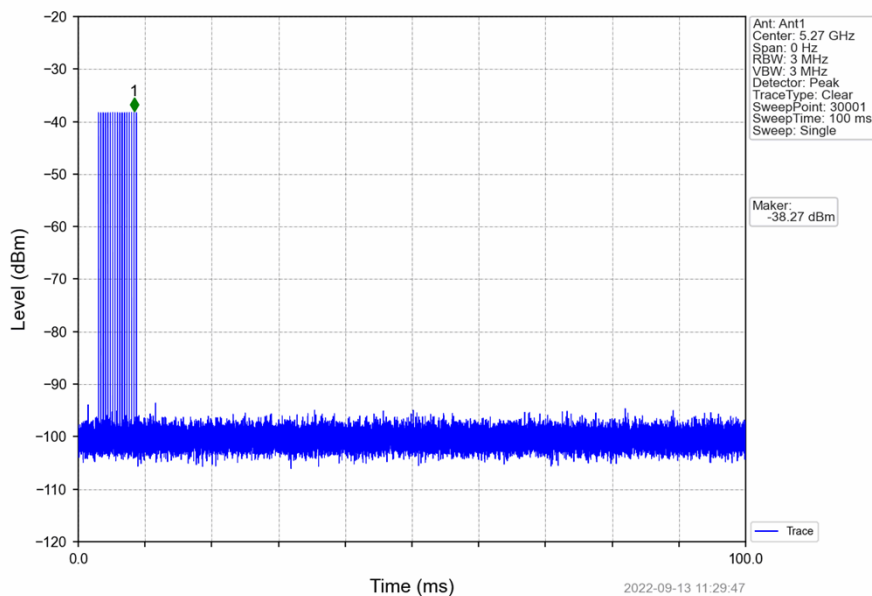


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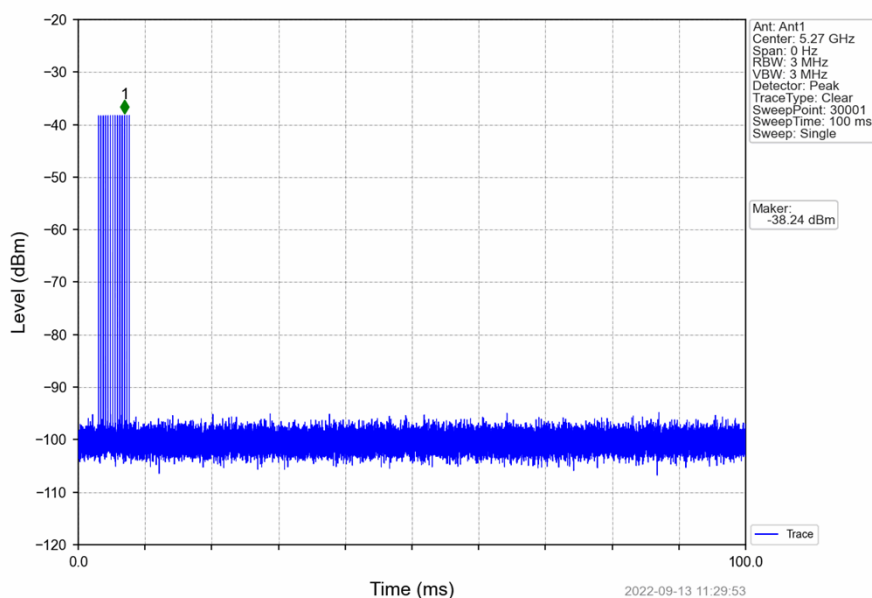
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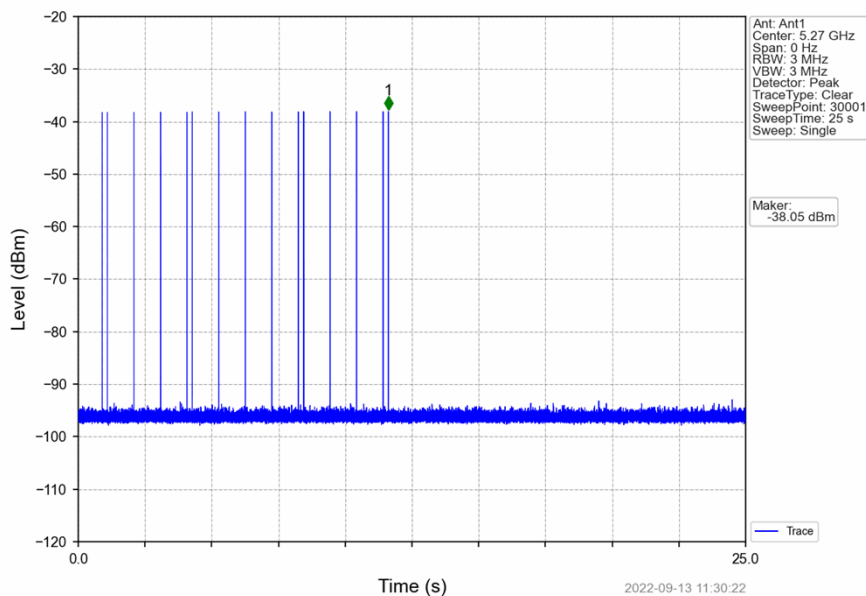
### Signal Calibration\_802.11n(HT40)\_2A\_5270MHz\_RadarType3\_Trial0



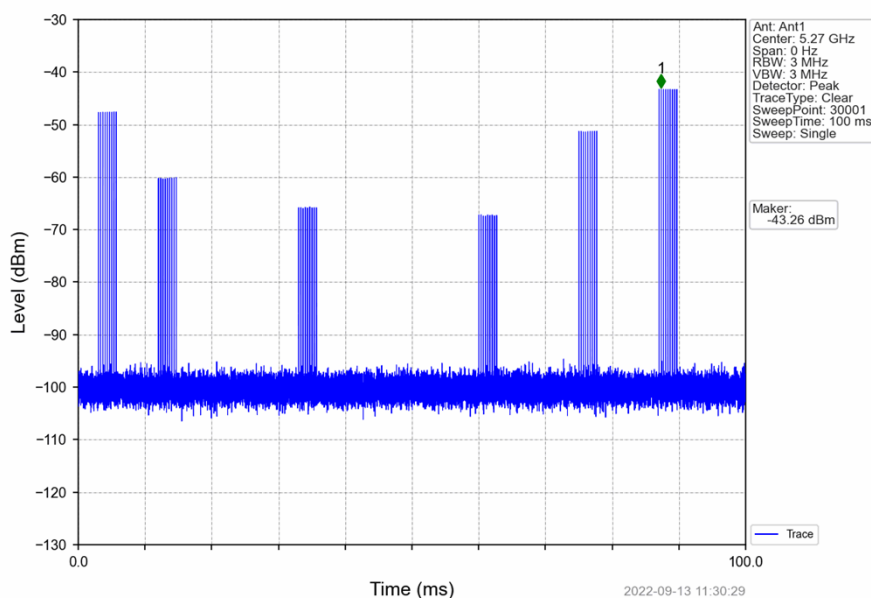
### Signal Calibration\_802.11n(HT40)\_2A\_5270MHz\_RadarType4\_Trial0



### Signal Calibration\_802.11n(HT40)\_2A\_5270MHz\_RadarType5\_Trial0



### Signal Calibration\_802.11n(HT40)\_2A\_5270MHz\_RadarType6\_Trial0



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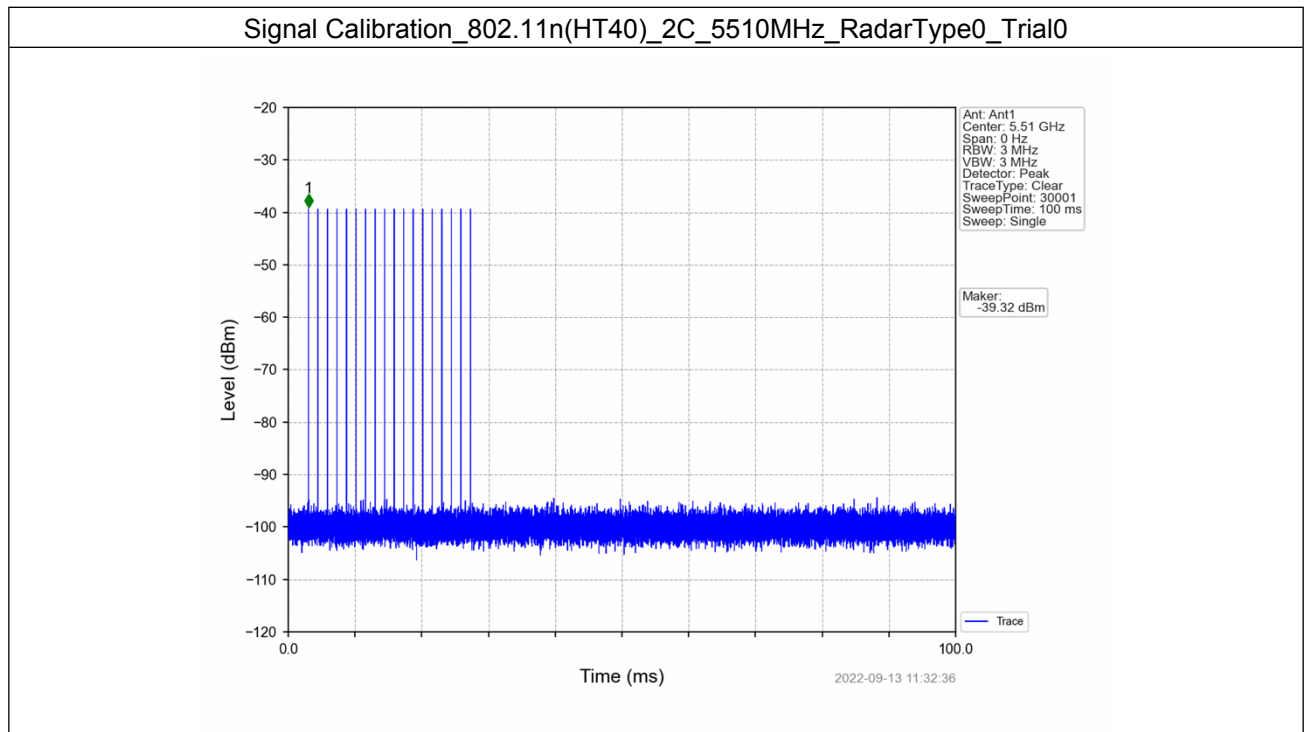
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### 1.2 SC

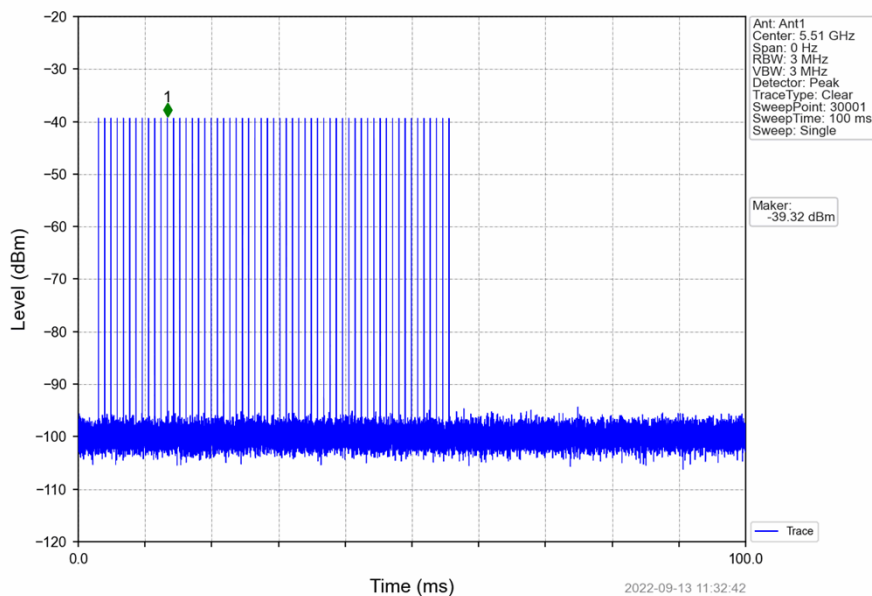
#### 1.2.1 Test Result

| Band: 2C       |                 |                 |              |          |                     |       |         |
|----------------|-----------------|-----------------|--------------|----------|---------------------|-------|---------|
| Mode           | Bandwidth (MHz) | Frequency (MHz) | Radar Signal |          | Signal Calibration  |       | Verdict |
|                |                 |                 | Type         | Trial Id | Result              | Limit |         |
| 802.11n (HT40) | 40              | 5510            | 0            | 0        | Refer To Test Graph |       | Pass    |
|                |                 |                 | 1            | 0        | Refer To Test Graph |       | Pass    |
|                |                 |                 | 2            | 0        | Refer To Test Graph |       | Pass    |
|                |                 |                 | 3            | 0        | Refer To Test Graph |       | Pass    |
|                |                 |                 | 4            | 0        | Refer To Test Graph |       | Pass    |
|                |                 |                 | 5            | 0        | Refer To Test Graph |       | Pass    |
|                |                 |                 | 6            | 0        | Refer To Test Graph |       | Pass    |

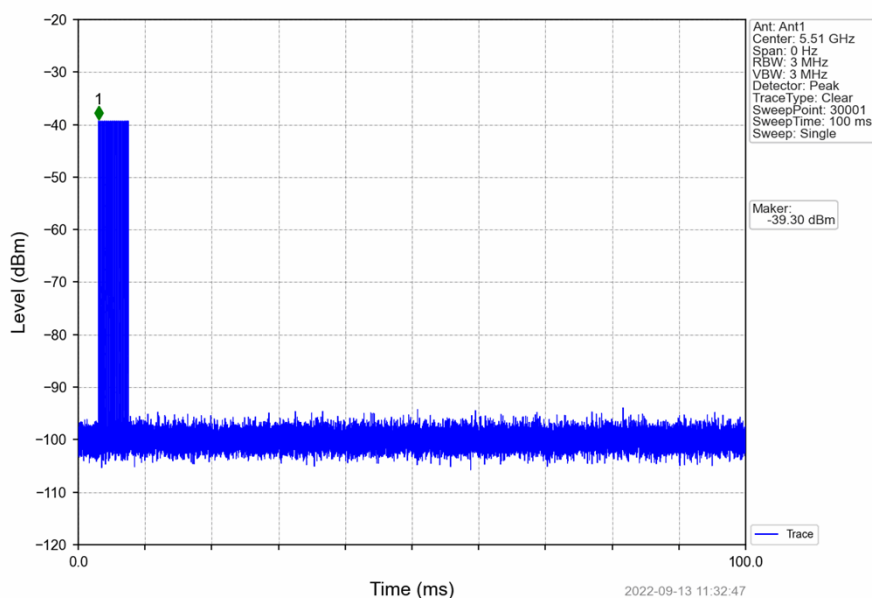
#### 1.2.2 Test Graph



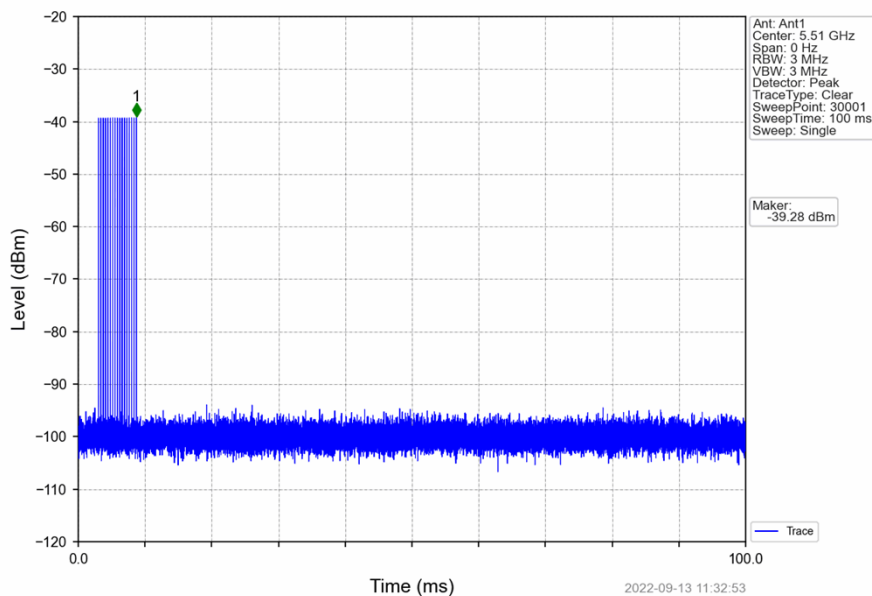
### Signal Calibration\_802.11n(HT40)\_2C\_5510MHz\_RadarType1\_Trial0



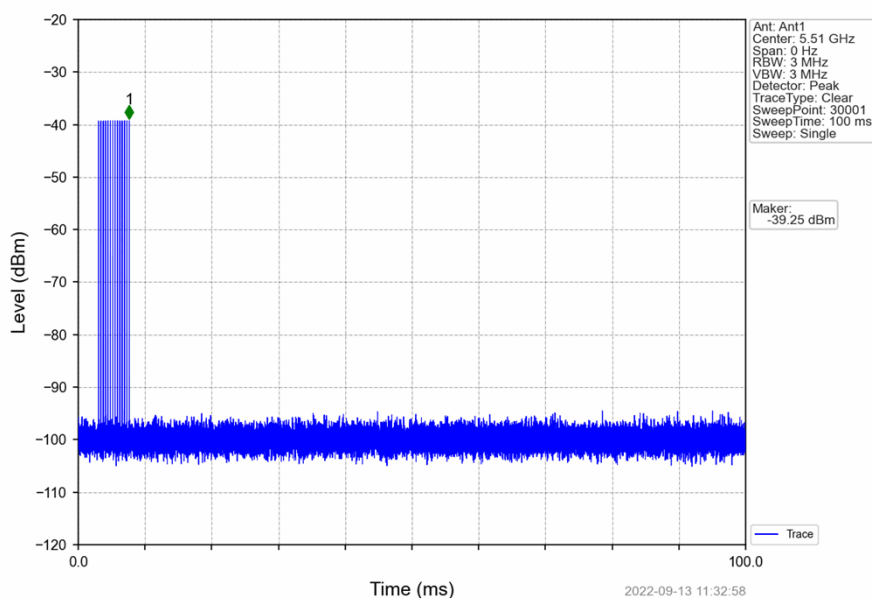
### Signal Calibration\_802.11n(HT40)\_2C\_5510MHz\_RadarType2\_Trial0



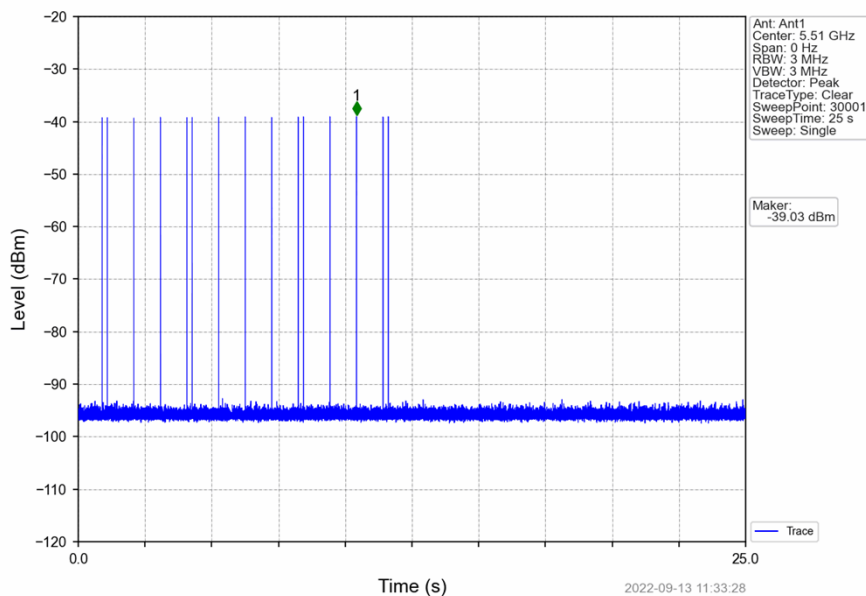
### Signal Calibration\_802.11n(HT40)\_2C\_5510MHz\_RadarType3\_Trial0



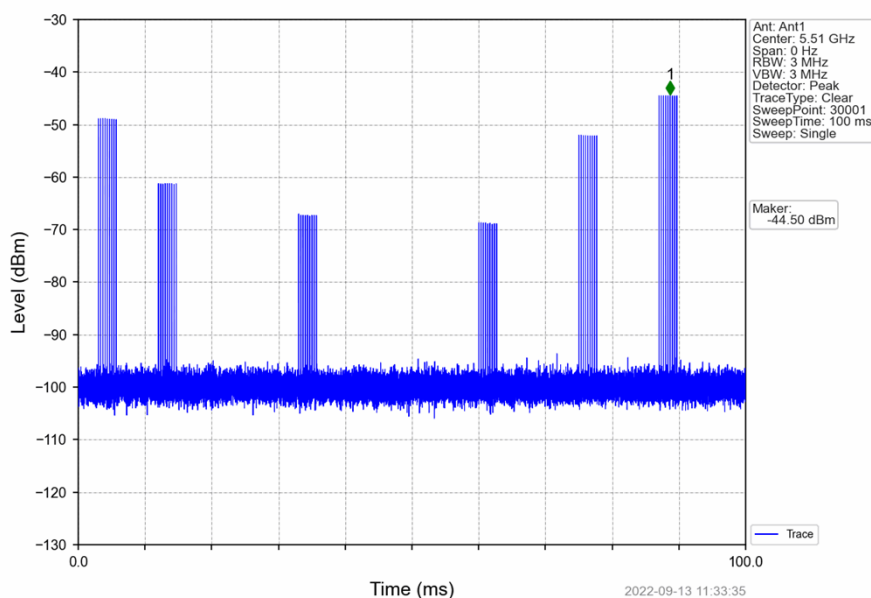
### Signal Calibration\_802.11n(HT40)\_2C\_5510MHz\_RadarType4\_Trial0



### Signal Calibration\_802.11n(HT40)\_2C\_5510MHz\_RadarType5\_Trial0



### Signal Calibration\_802.11n(HT40)\_2C\_5510MHz\_RadarType6\_Trial0



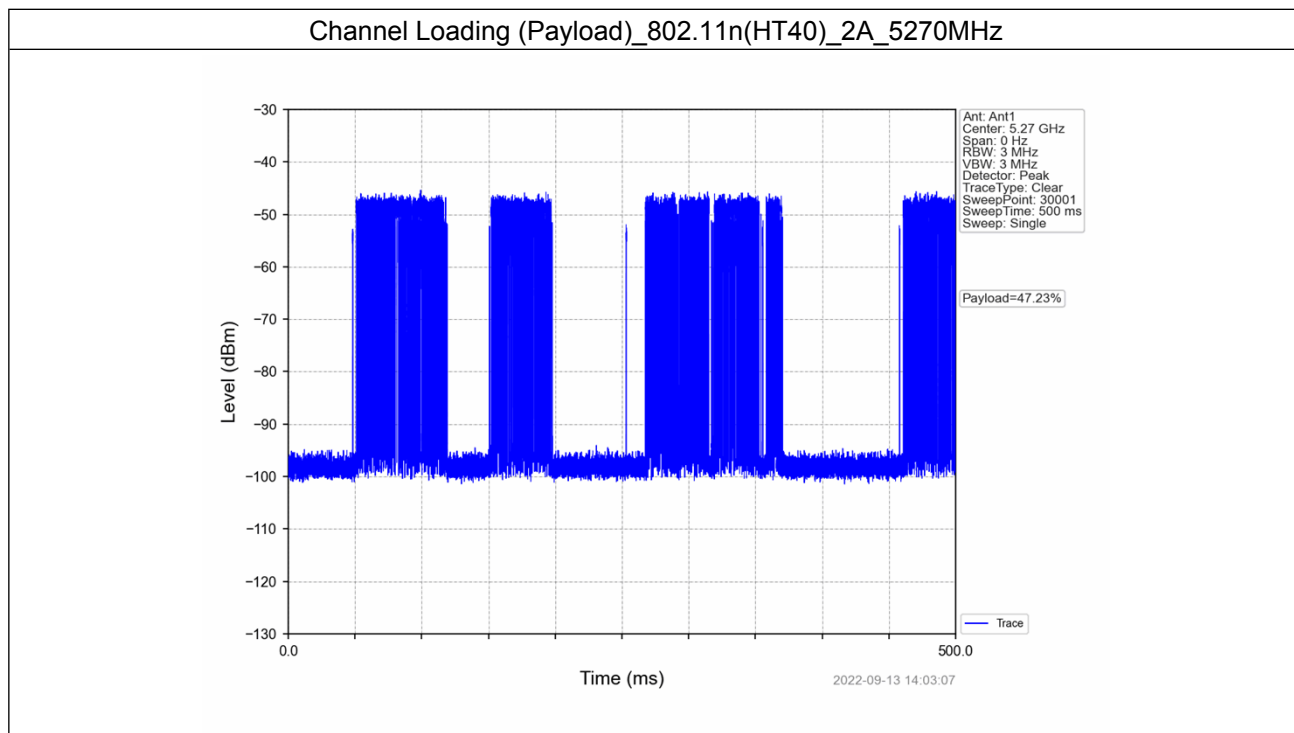
## 2. Channel Loading (Payload)

### 2.1 Payload

#### 2.1.1 Test Result

| Band: 2A       |                 |                 |                               |           |         |
|----------------|-----------------|-----------------|-------------------------------|-----------|---------|
| Mode           | Bandwidth (MHz) | Frequency (MHz) | Channel Loading (Payload) (%) |           | Verdict |
|                |                 |                 | Result                        | Limit     |         |
| 802.11n (HT40) | 40              | 5270            | 47.23                         | $\geq 17$ | Pass    |

#### 2.1.2 Test Graph

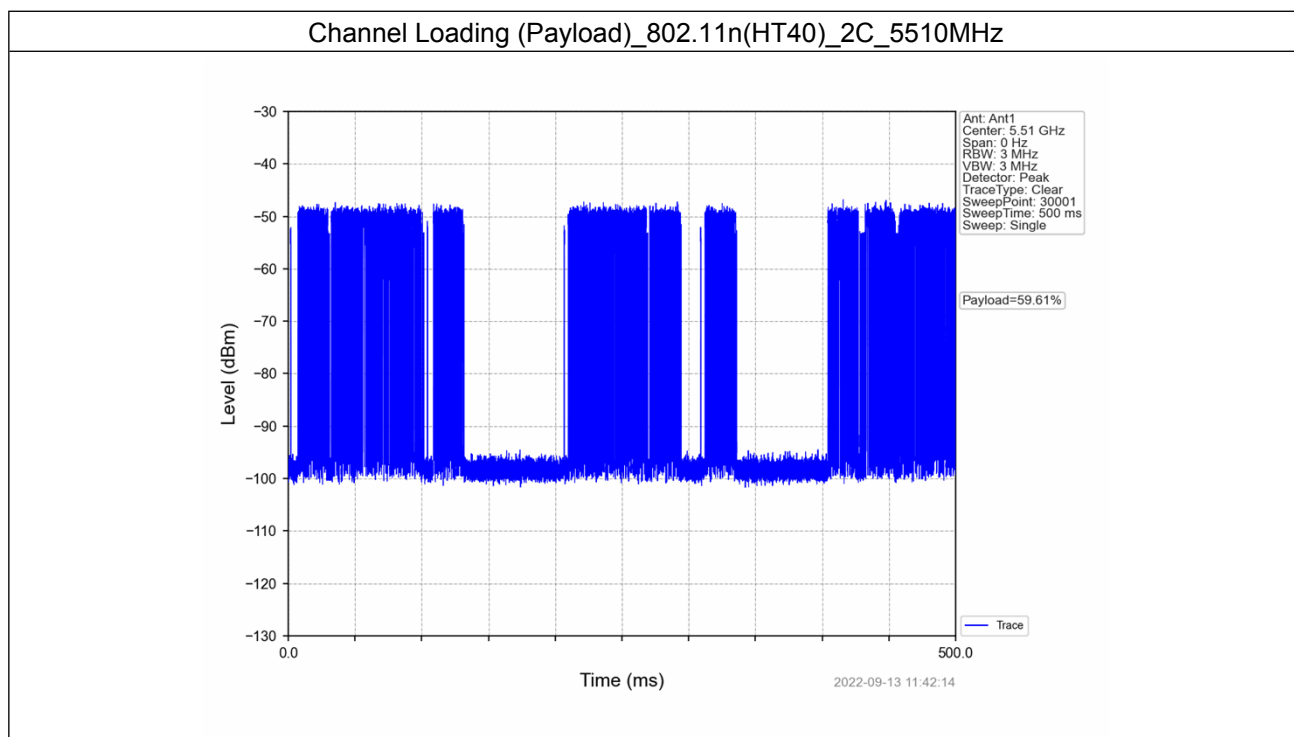


### 2.2 Payload

#### 2.2.1 Test Result

| Band: 2C       |                 |                 |                               |       |         |
|----------------|-----------------|-----------------|-------------------------------|-------|---------|
| Mode           | Bandwidth (MHz) | Frequency (MHz) | Channel Loading (Payload) (%) |       | Verdict |
|                |                 |                 | Result                        | Limit |         |
| 802.11n (HT40) | 40              | 5510            | 59.61                         | >=17  | Pass    |

#### 2.2.2 Test Graph



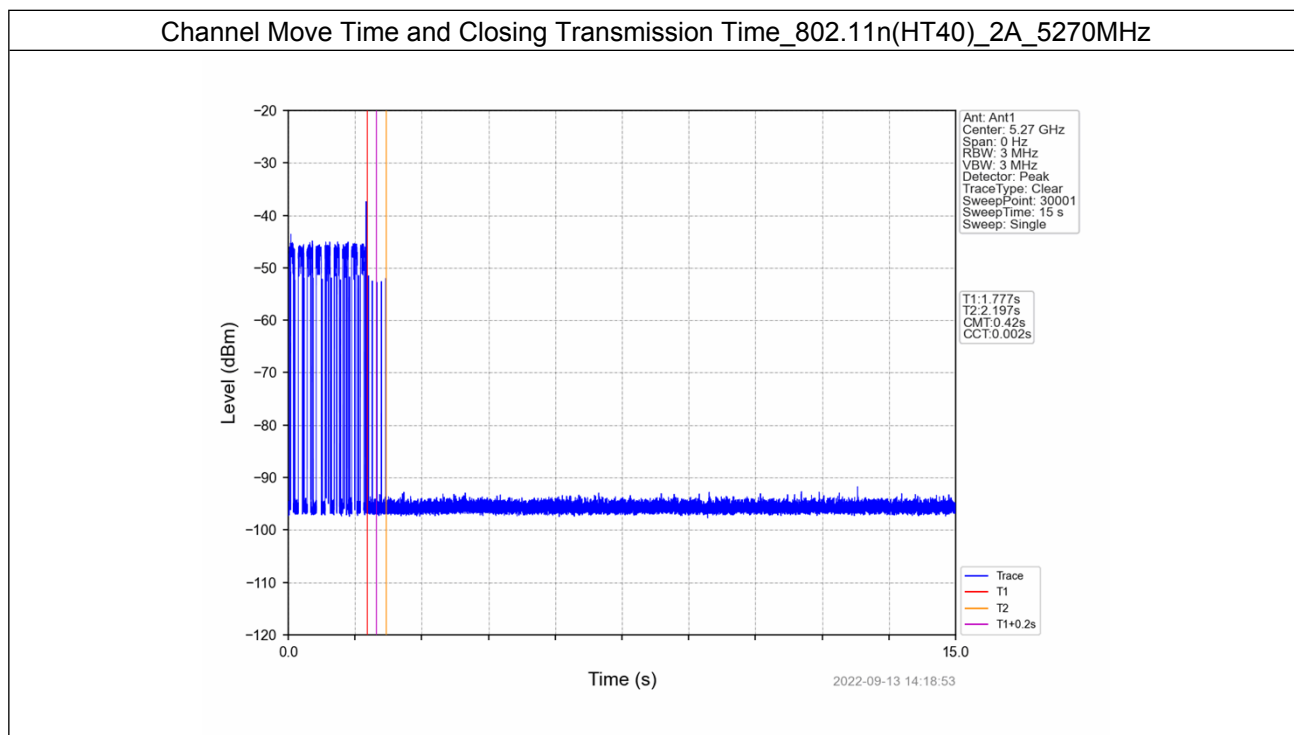
### 3. Channel Move Time and Closing Transmission Time

#### 3.1 CMT\_CTT

##### 3.1.1 Test Result

| Band: 2A       |                 |                 |                                                 |                          |         |
|----------------|-----------------|-----------------|-------------------------------------------------|--------------------------|---------|
| Mode           | Bandwidth (MHz) | Frequency (MHz) | Channel Move Time and Closing Transmission Time |                          | Verdict |
|                |                 |                 | Result                                          | Limit                    |         |
| 802.11n (HT40) | 40              | 5270            | CMT: 0.42 s<br>CCT: 0.002s                      | CMT < 10 s<br>CCT < 60ms | Pass    |

##### 3.1.2 Test Graph

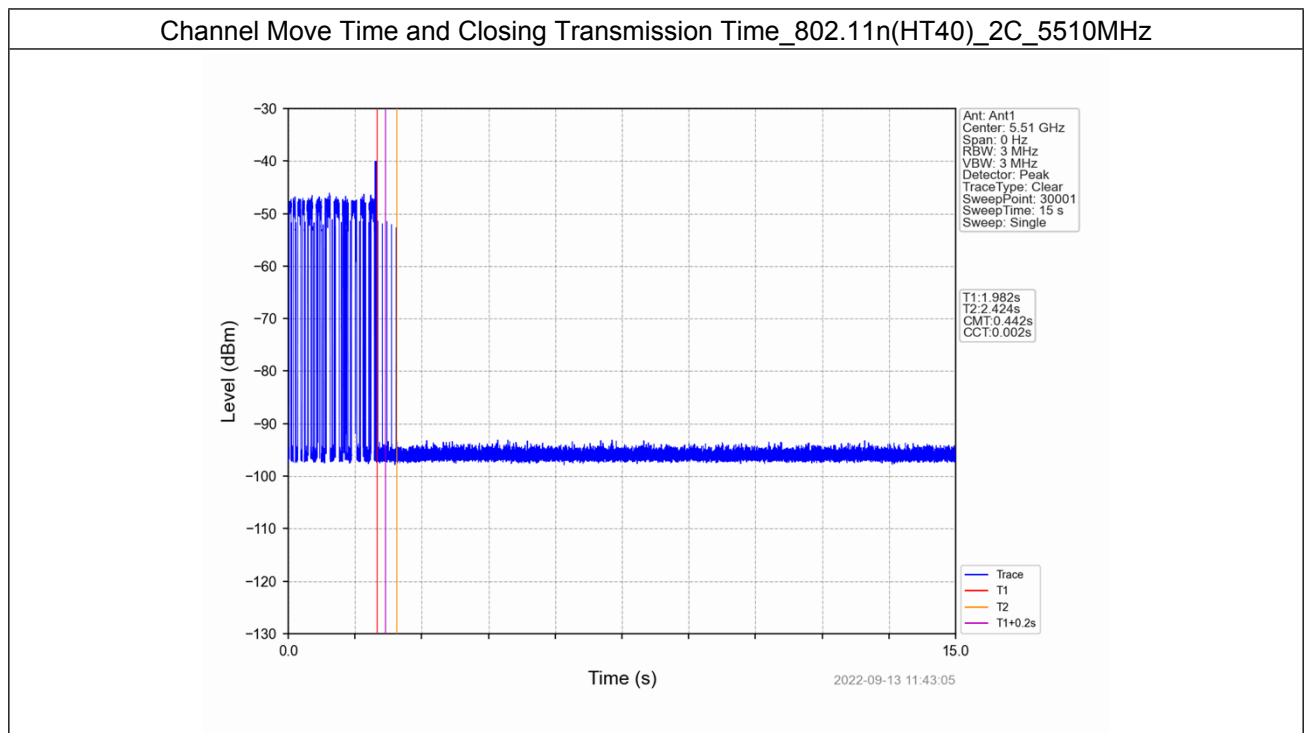


### 3.2 CMT\_CTT

#### 3.2.1 Test Result

| Band: 2C       |                 |                 |                                                 |                          |         |
|----------------|-----------------|-----------------|-------------------------------------------------|--------------------------|---------|
| Mode           | Bandwidth (MHz) | Frequency (MHz) | Channel Move Time and Closing Transmission Time |                          | Verdict |
|                |                 |                 | Result                                          | Limit                    |         |
| 802.11n (HT40) | 40              | 5510            | CMT: 0.442 s<br>CCT: 0.002s                     | CMT < 10 s<br>CCT < 60ms | Pass    |

#### 3.2.2 Test Graph



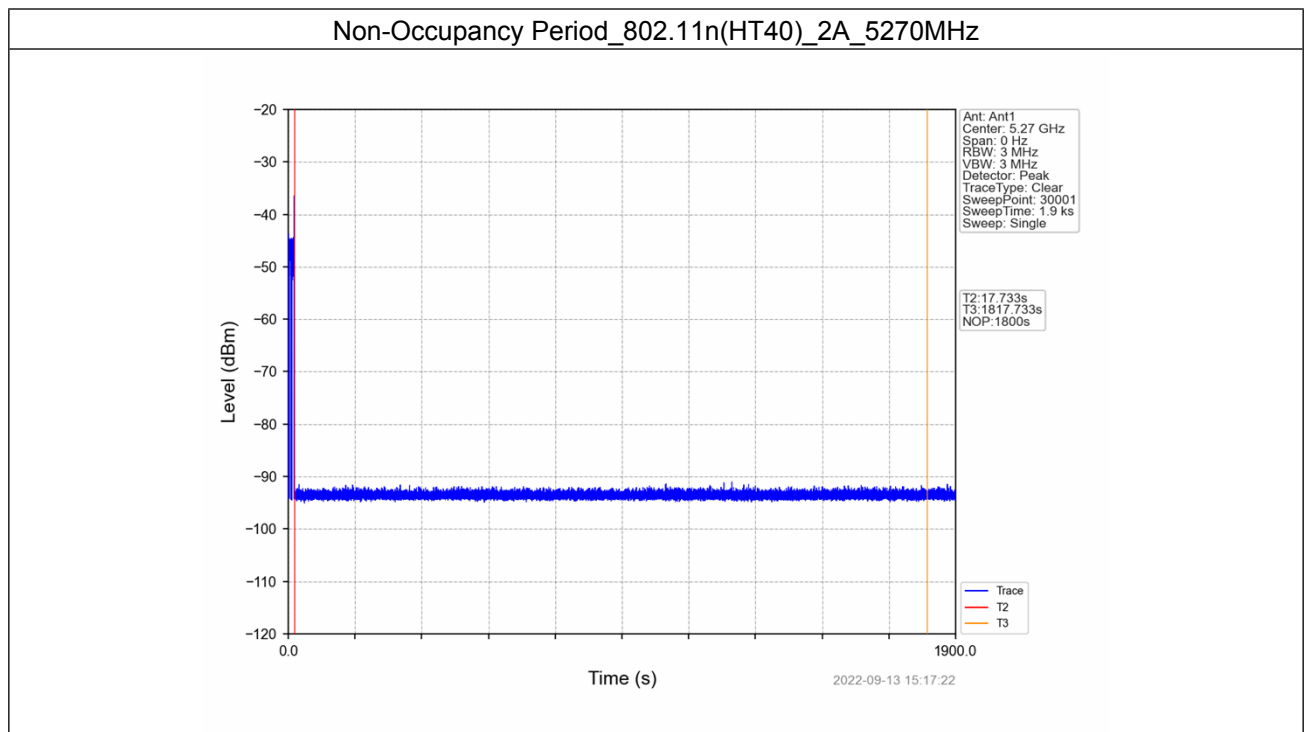
### 4. Non-Occupancy Period

#### 4.1 Period

##### 4.1.1 Test Result

| Band: 2A       |                 |                 |                      |         |         |
|----------------|-----------------|-----------------|----------------------|---------|---------|
| Mode           | Bandwidth (MHz) | Frequency (MHz) | Non-Occupancy Period |         | Verdict |
|                |                 |                 | Result               | Limit   |         |
| 802.11n (HT40) | 40              | 5270            | 1800s                | <=1800s | Pass    |

##### 4.1.2 Test Graph

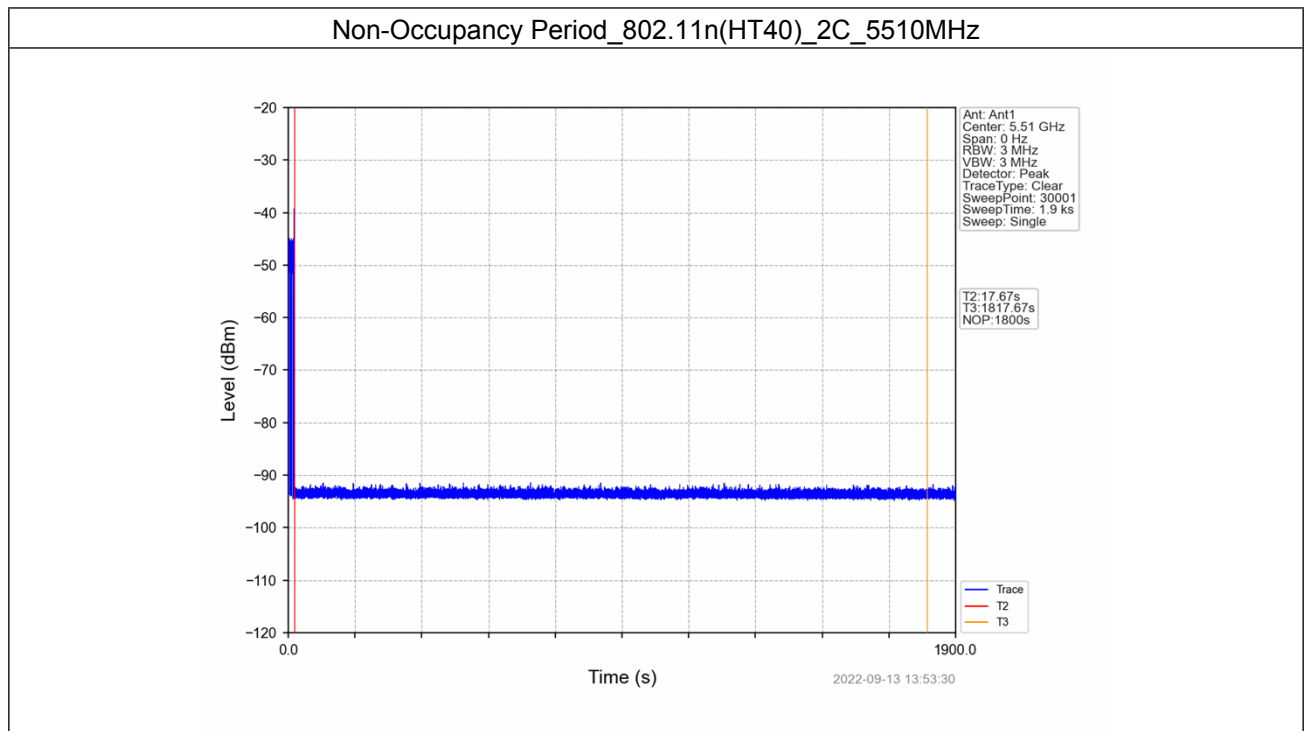


### 4.2 Period

#### 4.2.1 Test Result

| Band: 2C       |                 |                 |                      |         |         |
|----------------|-----------------|-----------------|----------------------|---------|---------|
| Mode           | Bandwidth (MHz) | Frequency (MHz) | Non-Occupancy Period |         | Verdict |
|                |                 |                 | Result               | Limit   |         |
| 802.11n (HT40) | 40              | 5510            | 1800s                | <=1800s | Pass    |

#### 4.2.2 Test Graph



- End of the Report -