

# Land America Health & Fitness Co., Ltd

# RF TEST REPORT

**SCOPE OF WORK:**

FCC Part 15.407 & ISED RSS-247 RF report

**Model:**

700-0554, 700-0555

**REPORT NUMBER:**

2410B0258SHA-007

**ISSUE DATE:**

April 8, 2025

**DOCUMENT CONTROL NUMBER:**

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**TEST REPORT**

Telephone: 86 21 6127 8200  
[www.intertek.com](http://www.intertek.com)  
Report no.: 2410B0258SHA-007

**Applicant:** Land America Health & Fitness Co., Ltd  
No. 25 North 2nd Road, Xinglin, Jimei, Xiamen, 361022, China

**Manufacturer:** Land America Health & Fitness Co., Ltd  
No. 25 North 2nd Road, Xinglin, Jimei, Xiamen, 361022, China

**Manufacturer Site:** Land America Health & Fitness Co., Ltd  
No. 25 North 2nd Road, Xinglin, Jimei, Xiamen, 361022, China

**Product Name:** Embedded Console

**Type/Model:** 700-0554, 700-0555

**FCC ID:** 2BNWO-700554

**IC:** 33606-7000554

**SUMMARY:**

The equipment complies with the requirements according to the following standard(s) or Specification:

**47CFR Part 15 (2023):** Radio Frequency Devices

**RSS-247 Issue 3 (August 2023):** Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices

**KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02:** Compliance Measurement Procedures for Unlicensed-National Information Infrastructure Devices Operating In The 5250-5350 MHz and 5470-5725 MHz Bands Incorporating Dynamic Frequency Selection

**KDB 905462 D03 NII Clients Without Radar Detection New Rules v01r02:** U-NII CLIENT DEVICES WITHOUT RADAR DETECTION CAPABILITY

**PREPARED BY:**

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## TEST REPORT

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### Revision History

| Report No.       | Version | Description             | Issued Date   |
|------------------|---------|-------------------------|---------------|
| 2410B0258SHA-007 | Rev. 01 | Initial issue of report | April 8, 2025 |

## Measurement Result Summary

| TEST ITEM                                                                                                   | FCC CLAUSE   | IC CLAUSE          | TEST RESULT |
|-------------------------------------------------------------------------------------------------------------|--------------|--------------------|-------------|
| Initial Channel Availability Check Time                                                                     | 15.407(h)(2) | RSS-247 clause 6.3 | NA          |
| Radar Burst at the Beginning of the Channel Availability Check & End of the Channel Availability Check Time | 15.407(h)(2) | RSS-247 clause 6.3 | NA          |
| Channel Move Time, Channel Closing Time                                                                     | 15.407(h)(2) | RSS-247 clause 6.3 | Pass        |
| Non-occupancy period                                                                                        | 15.407(h)(2) | RSS-247 clause 6.3 | Pass        |
| UNII Detection Bandwidth Measurement                                                                        | 15.407(h)(2) | RSS-247 clause 6.3 | NA          |
| Statistical Performance Check                                                                               | 15.407(h)(2) | RSS-247 clause 6.3 | NA          |

Notes: 1: NA =Not Applicable

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## 1 GENERAL INFORMATION

### 1.1 Description of Equipment Under Test (EUT)

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name:           | Embedded console                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Type/Model:             | 700-0554, 700-0555                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Description of EUT:     | <p>The EUT is an embedded console which supports Wi-Fi/BT/BLE function. There are two models, the key components and electrical schematics of the product are the same, the only difference is the size of the display screen.</p> <p>There is also a BT+NFC module designed which is certificated. The information of the BT+NFC module is:</p> <p>FCC ID: XRH-NPE105<br/>FCC ID: XRH-NPE109<br/>IC: 11922A-NPE105<br/>IC: 11922A-NPE109</p> |
| Rating:                 | 12V DC, 5A                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Category of EUT:        | Class B                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| EUT type:               | <input checked="" type="checkbox"/> Table top <input type="checkbox"/> Floor standing                                                                                                                                                                                                                                                                                                                                                         |
| Product Marketing Name: | 700-0554, 700-0555                                                                                                                                                                                                                                                                                                                                                                                                                            |
| HVIN:                   | 700-0554, 700-0555                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Software Version:       | -                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Hardware Version:       | -                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Serial numbers:         | A241024-36-001                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Sample received date:   | October 24, 2024                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Date of test:           | January 12, 2025, to March 20, 2025                                                                                                                                                                                                                                                                                                                                                                                                           |

## 1.2 RF Technical Information

| Specification Items    | Description                                                                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protocol               | 802.11a, 802.11n(HT20), 802.11n(HT40), 802.11ac(VHT20), 802.11ac(VHT40), 802.11ac(VHT80)                                                                      |
| Modulation             | BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM                                                                                                                     |
| Channel Frequency      | 5250-5350MHz; 5470-5725MHz                                                                                                                                    |
| Channel Bandwidth      | 20MHz, 40MHz, 80MHz                                                                                                                                           |
| Max. EIRP Power        | <input checked="" type="checkbox"/> < 200mW <input type="checkbox"/> ≥ 200mW                                                                                  |
| Operating Mode         | <input type="checkbox"/> Master<br><input checked="" type="checkbox"/> Client without Radar Detection<br><input type="checkbox"/> Client with Radar Detection |
| Manufacturer Statement | Manufacturer statement confirming that information regarding the parameters of the detected Radar Waveforms is not available to the end user.                 |

### 1.3 Description of Test Facility

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| Name:      | Intertek Testing Services (Shanghai FTZ) Co., Ltd.                      |
| Address:   | Building 86, No. 1198 Qinzhou Road (North), Shanghai 200233, P.R. China |
| Telephone: | 86 21 61278200                                                          |
| Telefax:   | 86 21 54262353                                                          |

|                                                                                   |                                                                               |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| The test facility is recognized, certified, or accredited by these organizations: | CNAS Accreditation Lab<br>Registration No. CNAS L21189                        |
|                                                                                   | FCC Accredited Lab<br>Designation Number: CN0175                              |
|                                                                                   | IC Registration Lab<br>CAB identifier: CN0014                                 |
|                                                                                   | VCCI Registration Lab<br>Registration No.: R-14243, G-10845, C-14723, T-12252 |
|                                                                                   | A2LA Accreditation Lab<br>Certificate Number: 3309.02                         |

## 2 TEST SPECIFICATIONS

### 2.1 Standards or Specification

**47CFR Part 15 (2023):** Radio Frequency Devices

**RSS-247 Issue 3 (August 2023):** Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices

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### 2.2 Mode of Operation During the Test

Stream the channel loading test file from the Master Device to the Client Device on the test Channel for the entire period of the test if necessary.

### 2.3 Test Peripherals Used

| Item No | Description | Manufacturer | Model No.     | Note                                  |
|---------|-------------|--------------|---------------|---------------------------------------|
| 1       | Laptop      | HP           | ProBook 6470b | 100-240V AC, 50/60Hz                  |
| 2       | Router      | TP-Link      | Archer BE800  | FCC ID: 2AXJ4BE800<br>IC: 26583-BE800 |

## 2.4 Instrument List

| RF test                             |                                      |              |                 |                         |            |
|-------------------------------------|--------------------------------------|--------------|-----------------|-------------------------|------------|
| Used                                | Equipment                            | Manufacturer | Type            | Internal no.            | Due date   |
| <input checked="" type="checkbox"/> | PXA Signal Analyzer                  | Keysight     | N9030A          | EC 5338                 | 2026-03-11 |
| <input checked="" type="checkbox"/> | PXA Signal Analyzer                  | Keysight     | N9030B          | EC 6078                 | 2026-03-18 |
| <input checked="" type="checkbox"/> | Power sensor                         | Agilent      | U2021XA         | EC 5338-1               | 2026-03-11 |
| <input checked="" type="checkbox"/> | Vector Signal Generator              | Agilent      | N5182B          | EC 5175                 | 2026-03-11 |
| <input checked="" type="checkbox"/> | MXG Analog Signal Generator          | Agilent      | N5181A          | EC 5338-2               | 2026-03-11 |
| <input checked="" type="checkbox"/> | Test Receiver                        | R&S          | ESCI 7          | EC 4501                 | 2026-03-08 |
| <input type="checkbox"/>            | Universal Radio Communication Tester | R&S          | CMW500          | EC 5944                 | 2027-03-11 |
| <input type="checkbox"/>            | Universal Radio Communication Tester | R&S          | CMW500          | EC 6209                 | 2027-01-14 |
| <input checked="" type="checkbox"/> | Signal generator                     | Agilent      | N5182A          | EC 6172                 | 2025-08-06 |
| <input checked="" type="checkbox"/> | Signal generator                     | Agilent      | N5181A          | EC 6171                 | 2025-08-06 |
| <input checked="" type="checkbox"/> | Climate chamber                      | GWS          | MT3065          | EC 6021                 | 2026-03-06 |
| Additional instrument               |                                      |              |                 |                         |            |
| Used                                | Equipment                            | Manufacturer | Type            | Internal no.            | Due date   |
| <input checked="" type="checkbox"/> | Therom-Hygrograph                    | Testo        | 175h1           | EC 6643                 | 2025-08-29 |
| <input checked="" type="checkbox"/> | Pressure meter                       | YM3          | Shanghai Mengde | EC 3320                 | 2025-08-16 |
| Test Software                       |                                      | Manufacturer |                 | Function                |            |
| Pulse Building                      |                                      | Agilent      |                 | Radar Signal Generation |            |
| DFS Tool                            |                                      | Agilent      |                 | DFS Test Software       |            |

### 3 DFS Detection Thresholds and Radar Test Waveforms

Test result: Pass

#### 3.1 DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

| Maximum Transmit Power                                                                                                                                                                                                                                                                                                                                                                                                | Value (see note) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| $\geq 200$ mW                                                                                                                                                                                                                                                                                                                                                                                                         | -64 dBm          |
| $< 200$ mW                                                                                                                                                                                                                                                                                                                                                                                                            | -62 dBm          |
| <p><i>Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.</i></p> <p><i>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.</i></p> |                  |

#### 3.2 DFS Response Requirement Values

| Parameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Value                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <i>Non-occupancy period</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Minimum 30 minutes                                                                                     |
| <i>Channel Availability Check Time</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 60 seconds                                                                                             |
| <i>Channel Move Time</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10 seconds See Note 1.                                                                                 |
| <i>Channel Closing Transmission Time</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2. |
| <i>U-NII Detection Bandwidth</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Minimum 80% of the 99% power bandwidth See Note 3.                                                     |
| <p><i>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.</i></p> <p><i>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.</i></p> <p><i>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.</i></p> |                                                                                                        |

### 3.3 Radar Test Waveforms Minimum Step

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.

### 3.4 Short Pulse Radar Test Waveforms

| Radar Type                  | Pulse Width (μs) | PRI (μs)                                                                                                                                                    | Number of Pulses                                         | Minimum Percentage of Successful Detection | Minimum Number of Trials |
|-----------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------|--------------------------|
| 0                           | 1                | 1428                                                                                                                                                        | 18                                                       | See Note 1                                 | See Note 1               |
| 1a                          | 1                | 15 unique PRI values randomly selected from the list of 23 PRI values in Note 2                                                                             | Roundup $\{(1/360) \cdot (19 \cdot 10^6 / \text{PRI})\}$ | 60%                                        | 30                       |
| 1b                          |                  | 15 unique PRI values randomly selected within the range of 518-3066μsec, with a minimum increment of 1 μsec, excluding PRI values selected in radar type 1a |                                                          |                                            |                          |
| 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.

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. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B.

For example, if in Short Pulse Radar Type 1 Test B a PRI of 3066us is selected, the number of pulses would be

$$\text{Roundup} \left\{ \left( \frac{1}{360} \right) \cdot \left( \frac{19 \cdot 10^6}{3066} \right) \right\} = \text{Roundup} \{17.2\} = 18.$$

## TEST REPORT

### Pulse Repetition Intervals Values for Test A

| Pulse Repetition Frequency No | Pulse Repetition Frequency<br>(Pulses Per Second) | Pulse Repetition Interval<br>(us) |
|-------------------------------|---------------------------------------------------|-----------------------------------|
| 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                                              | 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                                              | 878                               |
| 20                            | 1113.6                                            | 898                               |
| 21                            | 1089.3                                            | 918                               |
| 22                            | 1066.1                                            | 938                               |
| 23                            | 326.2                                             | 3066                              |

### 3.5 Long Pulse Radar Test Waveform

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

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.

Each waveform is defined as follows:

- 1) The transmission period for the Long Pulse Radar test signal is 12 seconds.
- 2) There are a total of 8 to 20 *Bursts* in the 12 second period, with the number of *Bursts* being randomly chosen. This number is *Burst\_Count*.
- 3) Each *Burst* consists of 1 to 3 pulses, with the number of pulses being randomly chosen. Each *Burst* within the 12 second sequence may have a different number of pulses.
- 4) The pulse width is between 50 and 100 microseconds, with the pulse width being randomly chosen. Each pulse within a *Burst* will have the same pulse width. Pulses in different *Bursts* may have different pulse widths.
- 5) Each pulse has a linear frequency modulated chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a *Burst* will have the same chirp width. Pulses in different *Bursts* may have different chirp widths. The chirp is centered on the pulse. For example, with a radar frequency of 5300 MHz and a 20 MHz chirped signal, the chirp starts at 5290 MHz and ends at 5310 MHz.
- 6) If more than one pulse is present in a *Burst*, the time between the pulses will be between 1000 and 2000 microseconds, with the time being randomly chosen. If three pulses are present in a *Burst*, the random time interval between the first and second pulses is chosen independently of the random time interval between the second and third pulses.
- 7) The 12 second transmission period is divided into even intervals. The number of intervals is equal to *Burst\_Count*. Each interval is of length  $(12,000,000 / \text{Burst\_Count})$  microseconds. Each interval contains one *Burst*. The start time for the *Burst*, relative to the beginning of the interval, is between 1 and  $[(12,000,000 / \text{Burst\_Count}) - (\text{Total Burst Length}) + (\text{One Random PRI Interval})]$  microseconds, with the start time being randomly chosen. The step interval for the start time is 1 microsecond. The start time for each *Burst* is chosen randomly.

### A representative example of a Long Pulse Radar Type waveform:

- 1) The total test waveform length is 12 seconds.
- 2) Eight (8) *Bursts* are randomly generated for the *Burst\_Count*.
- 3) *Burst 1* has 2 randomly generated pulses.
- 4) The pulse width (for both pulses) is randomly selected to be 75 microseconds.
- 5) The PRI is randomly selected to be at 1213 microseconds.
- 6) *Bursts 2* through 8 are generated using steps 3 – 5.
- 7) Each *Burst* is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, *Burst 1* is randomly generated (1 to 1,500,000 minus the total *Burst 1* length + 1 random PRI interval) at the 325,001 microsecond step. *Bursts 2* through 8 randomly fall in successive 1,500,000 microsecond intervals (i.e. *Burst 2* falls in the 1,500,001 – 3,000,000 microsecond range).

### 3.6 Frequency Hopping Radar Test Waveform

| Radar Type | Pulse Width (μs) | PRI (μs) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (msec) | Minimum Percentage of Successful Detection | Minimum Number of Trials |
|------------|------------------|----------|----------------|--------------------|--------------------------------|--------------------------------------------|--------------------------|
| 6          | 1                | 333      | 9              | 0.333              | 300                            | 70%                                        | 30                       |

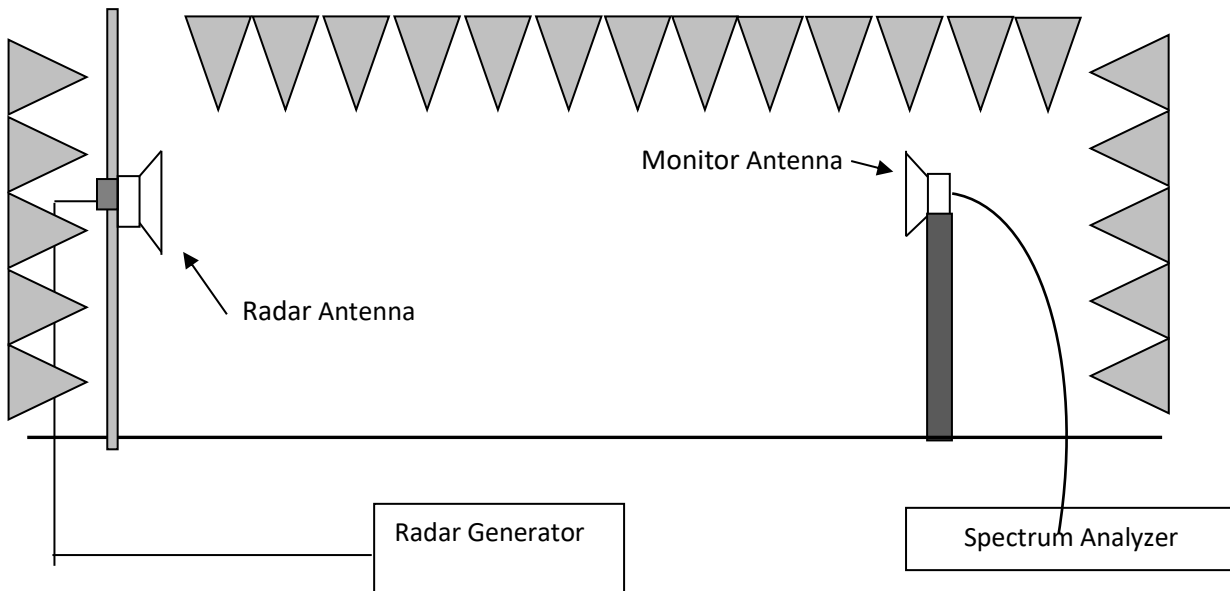
For the Frequency Hopping Radar Type, the same Burst parameters are used for each waveform. The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

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.

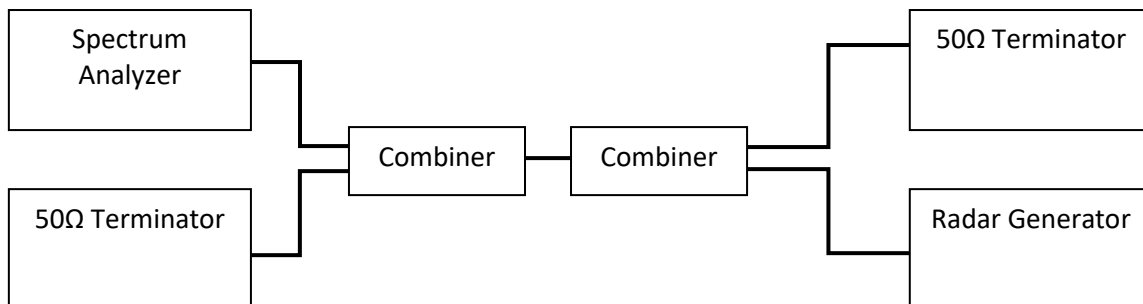
*Note: If a segment does not contain at least 1 frequency within the U-NII Detection Bandwidth of the UUT, then that segment is not used.*

### 3.7 Calibration Setup

☐ Radiated Method



☒ Conducted Method



### 3.8 Radar Waveform Calibration Procedure

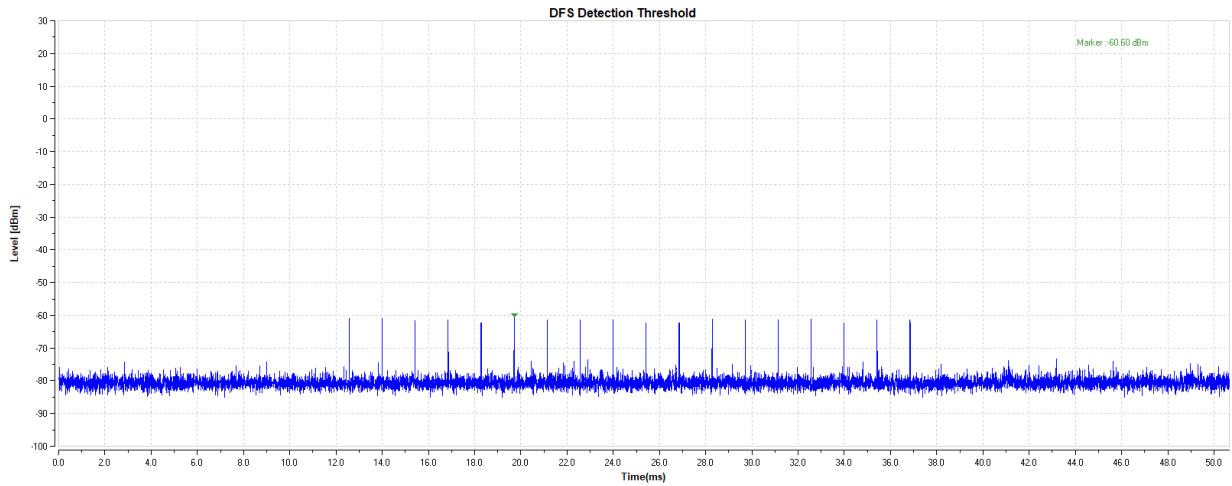
The Interference Radar Detection Threshold Level is -64dBm or -62dBm + 0 [dBi] + 1 dB that had been taken into account the output power range and antenna gain. The above equipment setup was used to calibrate the conducted Radar Waveform. A vector signal generator was utilized to establish the test signal 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 -64dBm or -62dBm + 0 [dBi] + 1 dB. Capture the spectrum analyzer plots on short pulse radar types, long pulse radar type and hopping radar waveform.

Central Frequency of Calibration:

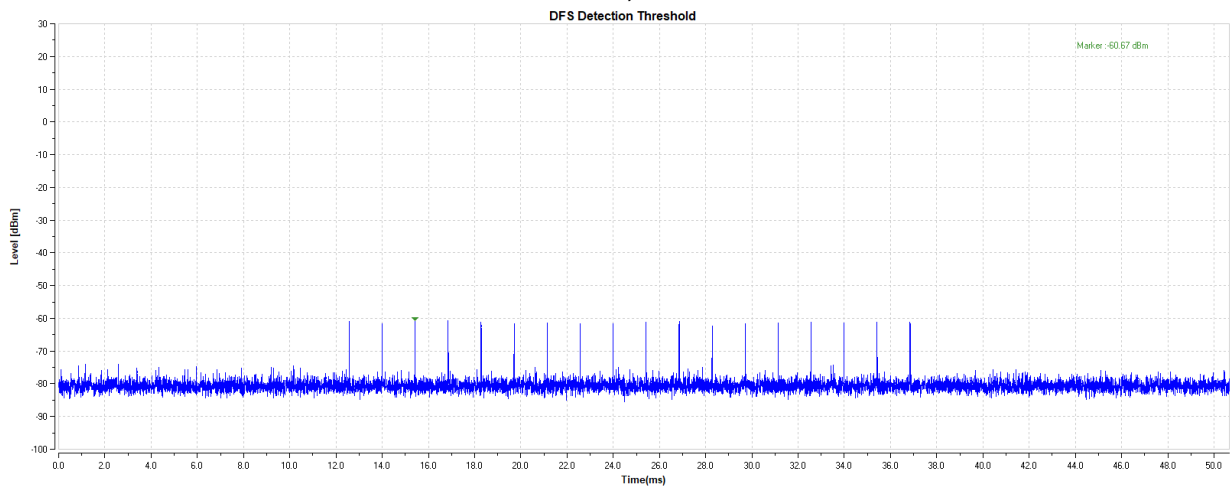
- ☒ Bandwidth 20MHz: 5260MHz
- ☒ Bandwidth 80MHz: 5530MHz

### 3.9 Radar Waveform Calibration Result

#### 5260MHz, Radar 0



#### 5530MHz, Radar 0



#### **4 In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period**

These tests define how the following DFS parameters are verified during In-Service Monitoring; Channel Closing Transmission Time, Channel Move Time, and Non-Occupancy Period.

The steps below define the procedure to determine the above mention parameters when a radar Burst with a level equal to the DFS Detection Threshold + 1dB (-63dBm) is generated on the Operating Channel of the U-NII device.

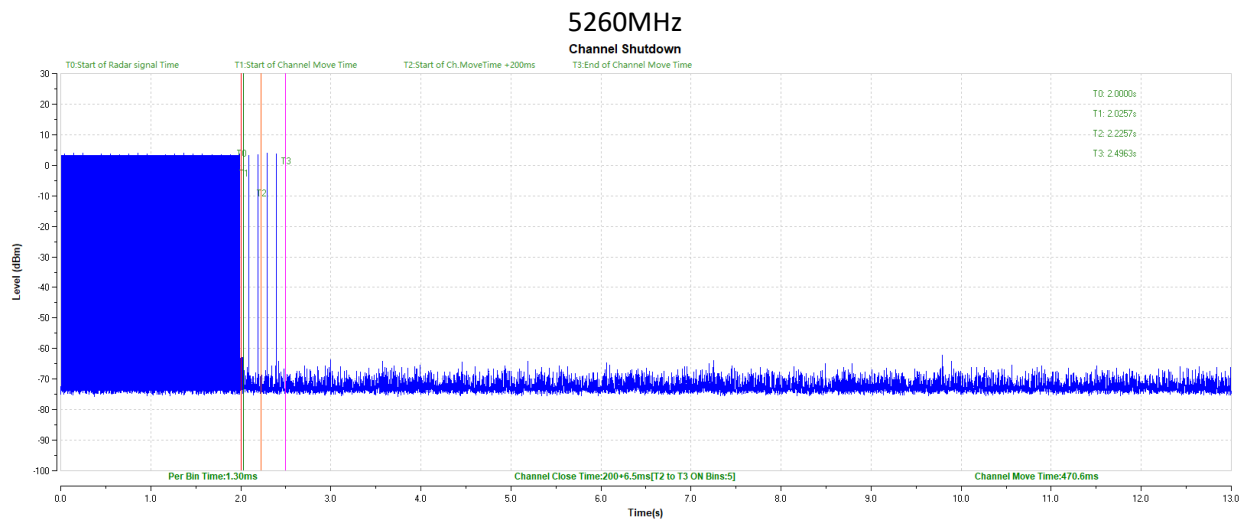
A U-NII device operating as a Client Device will associate with the UUT (Master) at 5530MHz. Stream the MPEG test file from the Master Device to the Client Device on the selected Channel for the entire period of the test.

At time T0 the Radar Waveform generator sends a Burst of pulses for each of the radar types at -63dBm.

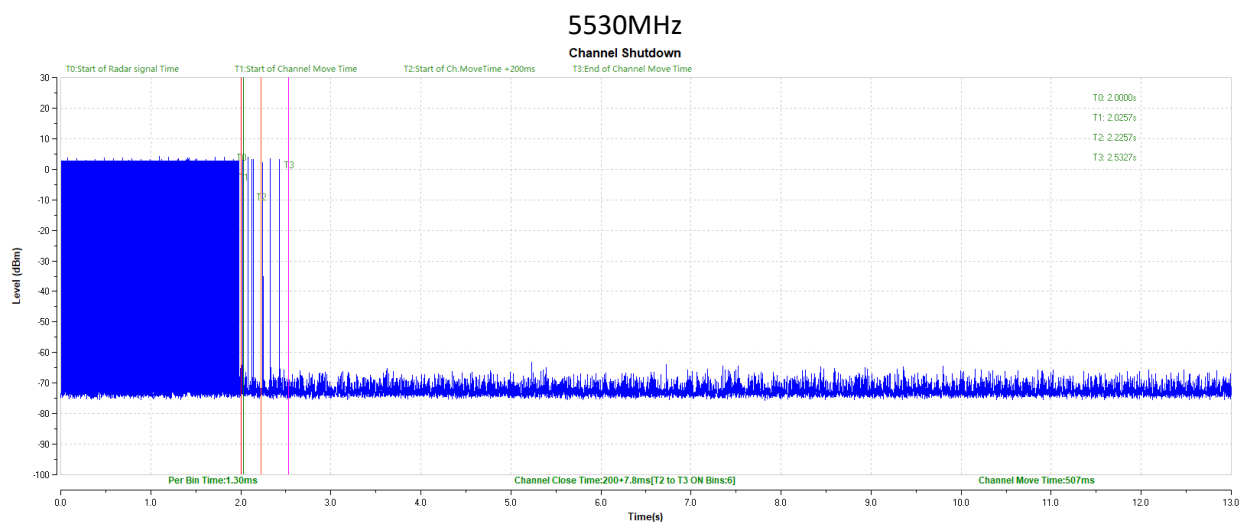
Observe the transmissions of the UUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). Compare the Channel Move Time and Channel Closing Transmission Time results to the limits defined in the DFS Response requirement values table.

Type 0 radar was used for these tests.

## 4.1 Channel Move Time, Channel Closing Transmission Time



| Test Item                         | Limit                                                         | Results |
|-----------------------------------|---------------------------------------------------------------|---------|
| Channel Move Time                 | 10 s                                                          | Pass    |
| Channel Closing Transmission Time | 200ms + an aggregate of 60ms over remaining 10 second period. | Pass    |



| Test Item                         | Limit                                                         | Results |
|-----------------------------------|---------------------------------------------------------------|---------|
| Channel Move Time                 | 10 s                                                          | Pass    |
| Channel Closing Transmission Time | 200ms + an aggregate of 60ms over remaining 10 second period. | Pass    |

\*\*\*\*\* END \*\*\*\*\*