

## **TEST REPORT**

### **Covering the DYNAMIC FREQUENCY SELECTION (DFS) REQUIREMENTS OF**

### **FCC Part 15 Subpart E (UNII)**

**Xirrus, Inc.  
Model(s): XR-620**

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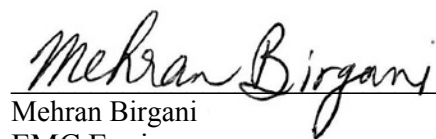
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**REVISION HISTORY**

| Rev # | Date           | Comments                                                                                                     | Modified By |
|-------|----------------|--------------------------------------------------------------------------------------------------------------|-------------|
| -     | April 21, 2016 | Initial Release                                                                                              | -           |
| -     | May 6, 2016    | Clarified scope of testing and updated results summary tables. Clarified the version of KDB 905462 D02 used. | MEH         |

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**SCOPE**

Test data has been taken pursuant to the relevant DFS requirements of the following standard(s):

- FCC Part 15 Subpart E Unlicensed National Information Infrastructure (U-NII) Devices.

Tests were performed in accordance with these standards together with the current published versions of the basic standards referenced therein including FCC KDB 905462 D02 v01r02 as outlined in NTS Silicon Valley test procedures. The test results recorded herein are based on a single type test of the Xirrus, Inc. model XR-620 and therefore apply only to the tested sample. The sample was selected and prepared by Paul Zahra of Xirrus, Inc.

**OBJECTIVE**

The objective of the manufacturer is to comply with the standards identified in the previous section. In order to demonstrate compliance, the manufacturer or a contracted laboratory makes measurements and takes the necessary steps to ensure that the equipment complies with the appropriate technical standards. Compliance with some DFS features is covered through a manufacturer statement or through observation of the device.

**STATEMENT OF COMPLIANCE**

The tested sample of the Xirrus, Inc. model XR-620 complied with the DFS requirements of FCC Part 15.407(h)(2).

Maintenance of compliance is the responsibility of the manufacturer. Any modifications to the product should be assessed to determine their potential impact on the compliance status of the device with respect to the standards detailed in this test report.

**DEVIATIONS FROM THE STANDARD**

The following deviations were made from the requirements of the referenced standard:

1. Only in-service monitoring testing was performed. . Compliance with the bandwidth detection requirement of KDB 905462 D02 (100% of OBW) was shown in the original filing. Compliance with the channel close/move, CAC and non-occupancy requirements were shown in the DFS testing of the original filing. Refer to NTS Labs report submitted to FCC under FCC ID: SK6-XR620 Report number R96167.

**TEST RESULTS****TEST RESULTS SUMMARY – FCC Part 15, MASTER DEVICE**

| <b>Table 1 - FCC Part 15 Subpart E Master Device Test Result Summary (802.11n 20MHz)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |               |                 |                 |            |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------|-----------------|-----------------|------------|--------|
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Radar Type            | EUT Frequency | Measured Value  | Requirement     | Test Data  | Status |
| In-Service Monitoring Detection Threshold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Type 1 through Type 6 | 5500          | -64dBm (note 2) | -64dBm (note 2) | Appendix B | Pass   |
| 1) Tests were performed using the radiated test method.<br>2) The measured detection threshold is based on the master device having an antenna gain of 5.7dBi. The limit is based on an eirp of more than 23dBm.<br>3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.<br>4) Bandwidth detection performed by NTS Labs on 9/18/2014 submitted to FCC under SK6-XR620 Report R96167. For the 20MHz mode, the bandwidth detection was 19MHz, which exceeded the OBW. |                       |               |                 |                 |            |        |

| <b>Table 2 - FCC Part 15 Subpart E Master Device Test Result Summary (802.11n 40MHz)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |               |                 |                 |            |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------|-----------------|-----------------|------------|--------|
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Radar Type            | EUT Frequency | Measured Value  | Requirement     | Test Data  | Status |
| In-Service Monitoring Detection Threshold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Type 1 through Type 6 | 5510          | -64dBm (note 2) | -64dBm (note 2) | Appendix B | Pass   |
| 1) Tests were performed using the radiated test method.<br>2) The measured detection threshold is based on the master device having an antenna gain of 5.7dBi. The limit is based on an eirp of more than 23dBm.<br>3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.<br>4) Bandwidth detection performed by NTS Labs on 9/18/2014 submitted to FCC under SK6-XR620 Report R96167. For the 30MHz mode, the bandwidth detection was 39MHz, which exceeded the OBW. |                       |               |                 |                 |            |        |

**Table 3 - FCC Part 15 Subpart E Master Device Test Result Summary (802.11ac 80MHz)**

| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Radar Type            | EUT Frequency | Measured Value  | Requirement     | Test Data  | Status |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------|-----------------|-----------------|------------|--------|
| In-Service Monitoring Detection Threshold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Type 1 through Type 6 | 5530          | -64dBm (note 2) | -64dBm (note 2) | Appendix B | Pass   |
| 1) Tests were performed using the radiated test method.<br>2) The measured detection threshold is based on the master device having an antenna gain of 5.7dBi. The limit is based on an eirp of more than 23dBm.<br>3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.<br>4) Bandwidth detection performed by NTS Labs on 9/18/2014 submitted to FCC under SK6-XR620 Report R96167. For the 80MHz mode, the bandwidth detection was 79MHz, which exceeded the OBW. |                       |               |                 |                 |            |        |

**MEASUREMENT UNCERTAINTIES**

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level, with a coverage factor (k=2) and were calculated in accordance with UKAS document LAB 34.

| Measurement                                                | Measurement Unit | Expanded Uncertainty         |
|------------------------------------------------------------|------------------|------------------------------|
| Timing<br>(Channel move time, aggregate transmission time) | ms               | Timing resolution<br>± 0.24% |
| Timing<br>(non occupancy period)                           | seconds          | 5 seconds                    |
| DFS Threshold (radiated)                                   | dBm              | 1.6                          |
| DFS Threshold (conducted)                                  | dBm              | 1.2                          |

**EQUIPMENT UNDER TEST (EUT) DETAILS****GENERAL**

The Xirrus, Inc. model XR-620 is a 802.11abgn/ac (2x2) indoor use only access point. The XR620 contains two separate, but identical, 2x2 radios. Each radio within the XR620 can operate in any 2.4 or 5GHz band. This unit has been tested by NTS Labs on September 18, 2014 submitted to FCC under SK6-XR-620 with report number R96167. The unit was retested in order to show compliance to new FCC rules and regulations.

The sample was received on April 4, 2016 and tested on April 4, 2016. The EUT consisted of the following component(s):

| Manufacturer | Model | Description   | Serial Number |
|--------------|-------|---------------|---------------|
| Xirrus       | XR620 | 802.11abgn/ac | X60653904F9AE |

The manufacturer declared values for the EUT operational characteristics that affect DFS are as follows:

**Operating Modes (5250 – 5350 MHz, 5470 – 5725 MHz)**

- ☒ Master Device 5250-5350 MHz
- ☒ Master Device 5470-5725 MHz

**Antenna Gains / EIRP (5250 – 5350 MHz, 5470 – 5725 MHz)**

|                            | 5250 – 5350 MHz | 5470 – 5725 MHz |
|----------------------------|-----------------|-----------------|
| Lowest Antenna Gain (dBi)  | 5.7             | 5.8             |
| Highest Antenna Gain (dBi) | 5.7             | 5.8             |
| EIRP Output Power (dBm)    |                 |                 |

- ☒ Power can exceed 200mW eirp

**Channel Protocol**

- ☒ IP Based
- ☐ Frame Based

**ENCLOSURE**

The EUT enclosure measures approximately 19 centimeters in diameter 5 centimeters height. It is primarily constructed of plastic.

**MODIFICATIONS**

The EUT did not require modifications during testing in order to comply with the requirements of the standard(s) referenced in this test report.

**SUPPORT EQUIPMENT**

The following equipment was used as local support equipment for testing:

| Manufacturer | Model              | Description   | Serial Number | FCC ID     |
|--------------|--------------------|---------------|---------------|------------|
| HP           | 8510               | Laptop        | CNU740TT8     | DoC        |
| HP           | EliteBook          | Laptop        | -             | DoC        |
| <i>Apple</i> | <i>MacBook Air</i> | <i>Laptop</i> | -             | <i>DoC</i> |
| Netgear      | G5105              | Hub           | STL14B5P02D18 | -          |

The italicized device was the client device.

**EUT INTERFACE PORTS**

The I/O cabling configuration during testing was as follows:

| Port       | Connected To | Cable(s)    |                        |            |
|------------|--------------|-------------|------------------------|------------|
|            |              | Description | Shielded or Unshielded | Length (m) |
| Eth0       | Hub          | Cat 5       | Shielded               | 10         |
| Hub Port 1 | HP 8510      | Cat 5       | Unshielded             | 1          |
| Hub Port 2 | HP EliteBook | Cat 5       | Unshielded             | 1          |

**EUT OPERATION**

The EUT was operating with the following firmware listed below. The software is secured by encryption to prevent the user from disabling the DFS function.

Master Device: 7.6.0

During the in-service monitoring detection probability tests the system was configured with a streaming video file and iperf from the master device (sourced by the PC connected to the master device via an Ethernet interface) to the client device.

The streamed file was FCC movie and the client device was using media player to view the file. The channel loading was evaluated to be 17.1-21.8% (refer to figure 9-11) meeting the approximately 17% loading as required by FCC KDB 905462 D02.

**RADAR WAVEFORMS**

| Table 4 - FCC Short Pulse Radar Test Waveforms                                                                                       |    |                                                   |                                                                                                             |                                                           |                                    |                                |
|--------------------------------------------------------------------------------------------------------------------------------------|----|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------|--------------------------------|
| Radar Type                                                                                                                           |    | Pulse Width<br>(μsec)                             | PRI<br>(μsec)                                                                                               | Pulses /<br>burst                                         | Minimum<br>Detection<br>Percentage | Minimum<br>Number of<br>Trials |
| 0                                                                                                                                    |    | 1                                                 | 1428                                                                                                        | 18                                                        | See <b>Note 1</b>                  |                                |
| 1                                                                                                                                    | 1a | 1                                                 | 15 unique PRI<br>values randomly<br>selected from<br>the list of 23 PRI<br>values in <b>Note 2</b><br>below | Round<br>Up<br>1/360*<br>19*10 <sup>6</sup> /<br>PRI μsec | 60%                                | 15                             |
|                                                                                                                                      | 1b |                                                   | 518-3066 with<br>minimum<br>increment of 1<br>μsec, excluding<br>PRI values<br>selected in 1a               |                                                           |                                    | 15                             |
| 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                            |
| <b>Note 1:</b> Short Pulse Radar Type 0 is used for the detection bandwidth test, channel move time, and channel closing time tests. |    |                                                   |                                                                                                             |                                                           |                                    |                                |
| <b>Note 2:</b> Pulse repetition intervals values for Test 1a above                                                                   |    |                                                   |                                                                                                             |                                                           |                                    |                                |
| Pulse Repetition Frequency<br>Number                                                                                                 |    | Pulse Repetition Frequency<br>(Pulses Per Second) |                                                                                                             | Pulse Repetition Interval<br>(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                                              |                                                                                                             | 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                                                      |                                    |                                |

**Table 5 - FCC Long Pulse Radar Test Waveforms**

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

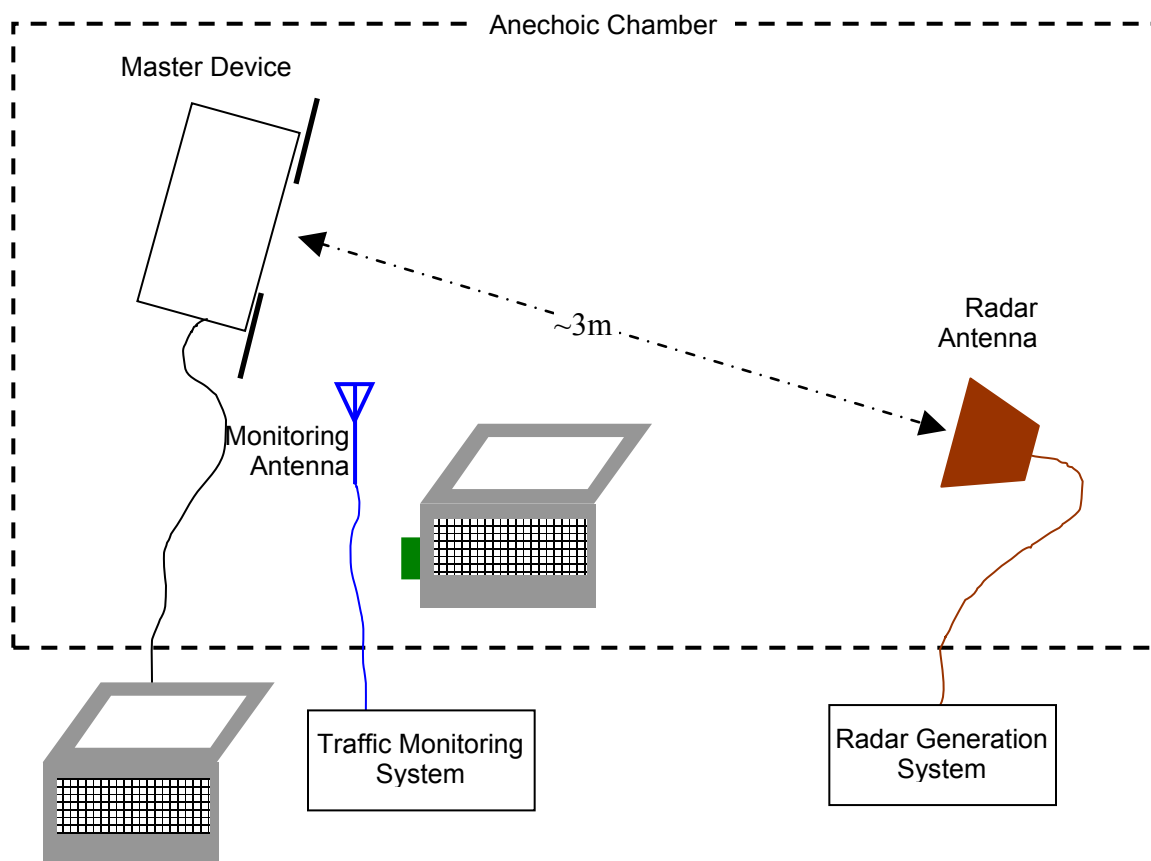
**Table 6 - FCC Frequency Hopping Radar Test Waveforms**

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

## DFS TEST METHODS

### RADIATED TEST METHOD

The combination of master and slave devices is located in an anechoic chamber. The simulated radar waveform is transmitted from a directional horn antenna (typically an EMCO 3115) toward the unit performing the radar detection (radar detection device, RDD). Every effort is made to ensure that the main beam of the EUT's antenna is aligned with the radar-generating antenna which is oriented in vertical polarization.



**Figure 1 Test Configuration for radiated Measurement Method**

The signal level of the simulated waveform is set to a reference level equal to the threshold level (plus 1dB if testing against FCC requirements). Lower levels may also be applied on request of the manufacturer. The level reported is the level at the RDD antenna and so it is not corrected for the RDD's antenna gain. The RDD is configured with the lowest gain antenna assembly intended for use with the device.

The signal level is verified by measuring the CW signal level from the radar generation system using a reference antenna of gain  $G_{REF}$  (dBi). The radar signal level is calculated from the measured level,  $R$  (dBm), and any cable loss,  $L$  (dB), between the reference antenna and the measuring instrument:

$$\text{Applied level (dBm)} = R - G_{REF} + L$$

If both master and client devices have radar detection capability then the device not under test is positioned with absorbing material between its antenna and the radar generating antenna, and the radar level at the non RDD is verified to be at least 20dB below the threshold level to ensure that any responses are due to the RDD detecting radar.

The antenna connected to the channel monitoring subsystem is positioned to allow both master and client transmissions to be observed, with the level of the EUT's transmissions between 6 and 10dB higher than those from the other device.

## **DFS MEASUREMENT INSTRUMENTATION**

### **RADAR GENERATION SYSTEM**

An Agilent PSG is used as the radar-generating source. The integral arbitrary waveform generators are programmed using Agilent's "Pulse Building" software and NTS Silicon Valley custom software to produce the required waveforms, with the capability to produce both un-modulated and modulated (FM Chirp) pulses. Where there are multiple values for a specific radar parameter then the software selects a value at random and, for FCC tests, the software verifies that the resulting waveform is truly unique.

With the exception of the hopping waveforms required by the FCC's rules (see below), the radar generator is set to a single frequency within the radar detection bandwidth of the EUT. The frequency is varied from trial to trial by stepping in 5MHz steps. For radar types with variable parameters, each detection probability trial is performed using a unique set of parameters obtained by a random selection with uniform distribution for each of the variable parameters.

Frequency hopping radar waveforms are simulated using a time domain model. A randomly hopping sequence algorithm (which uses each channel in the hopping radar's range once in a hopping sequence) generates a hop sequence. A segment of the first 100 elements of the hop sequence are then examined to determine if it contains one or more frequencies within the radar detection bandwidth of the EUT. If it does not then the first element of the segment is discarded and the next frequency in the sequence is added. The process repeats until a valid segment is produced. The radar system is then programmed to produce bursts at time slots coincident with the frequencies within the segment that fall in the detection bandwidth. The frequency of the generator is stepped in 1 MHz increments across the EUT's detection range.

The radar signal level is verified during testing using a long duration pulse waveform generated in the same manner as the normal radar generated signals.

The generator output is connected to the coupling port of the conducted set-up or to the radar-generating antenna. The radar generating antenna (when used) is oriented for vertical polarization.

**CHANNEL MONITORING SYSTEM**

Channel monitoring is achieved using a spectrum analyzer and digital storage oscilloscope. The analyzer is configured in a zero-span mode, center frequency set to the radar waveform's frequency or the center frequency of the EUT's operating channel. The IF output of the analyzer is connected to one input of the oscilloscope.

A signal generator output is set to send either the modulating signal directly or a pulse gate with an output pulse co-incident with each radar pulse. This output is connected to a second input on the oscilloscope and the oscilloscope displays both the channel traffic (via the if input) and the radar pulses on its display.

For in service monitoring tests the analyzer sweep time is set to > 20 seconds and the oscilloscope is configured with a data record length of 10 seconds for the short duration and frequency hopping waveforms, 20 seconds for the long duration waveforms. Both instruments are set for a single acquisition sequence. The analyzer is triggered 500ms before the start of the waveform and the oscilloscope is triggered directly by the modulating pulse train. Timing measurements for aggregate channel transmission time and channel move time are made from the oscilloscope data, with the end of the waveform clearly identified by the pulse train on one trace. The analyzer trace data is used to confirm that the last transmission occurred within the 10-second record of the oscilloscope. If necessary the record length of the oscilloscope is expanded to capture the last transmission on the channel prior to the channel move.

Channel availability check time timing plots are made using the analyzer. The analyzer is triggered at start of the EUT's channel availability check and used to verify that the EUT does not transmit when radar is applied during the check time.

The analyzer detector and oscilloscope sampling mode is set to peak detect for all plots.

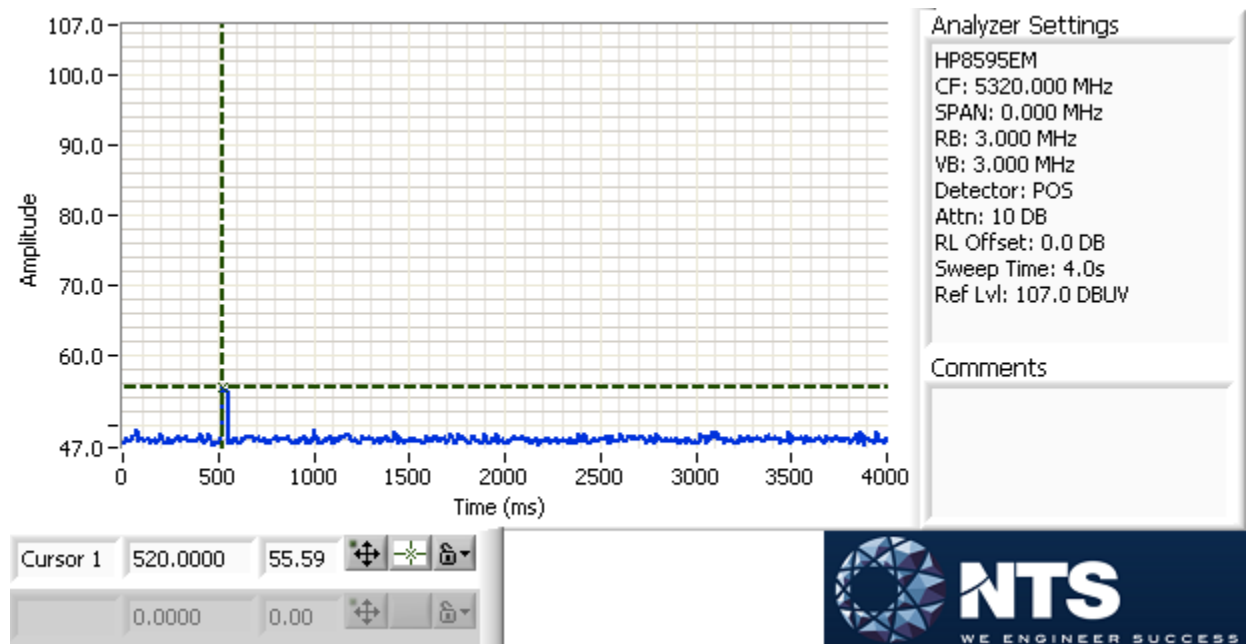
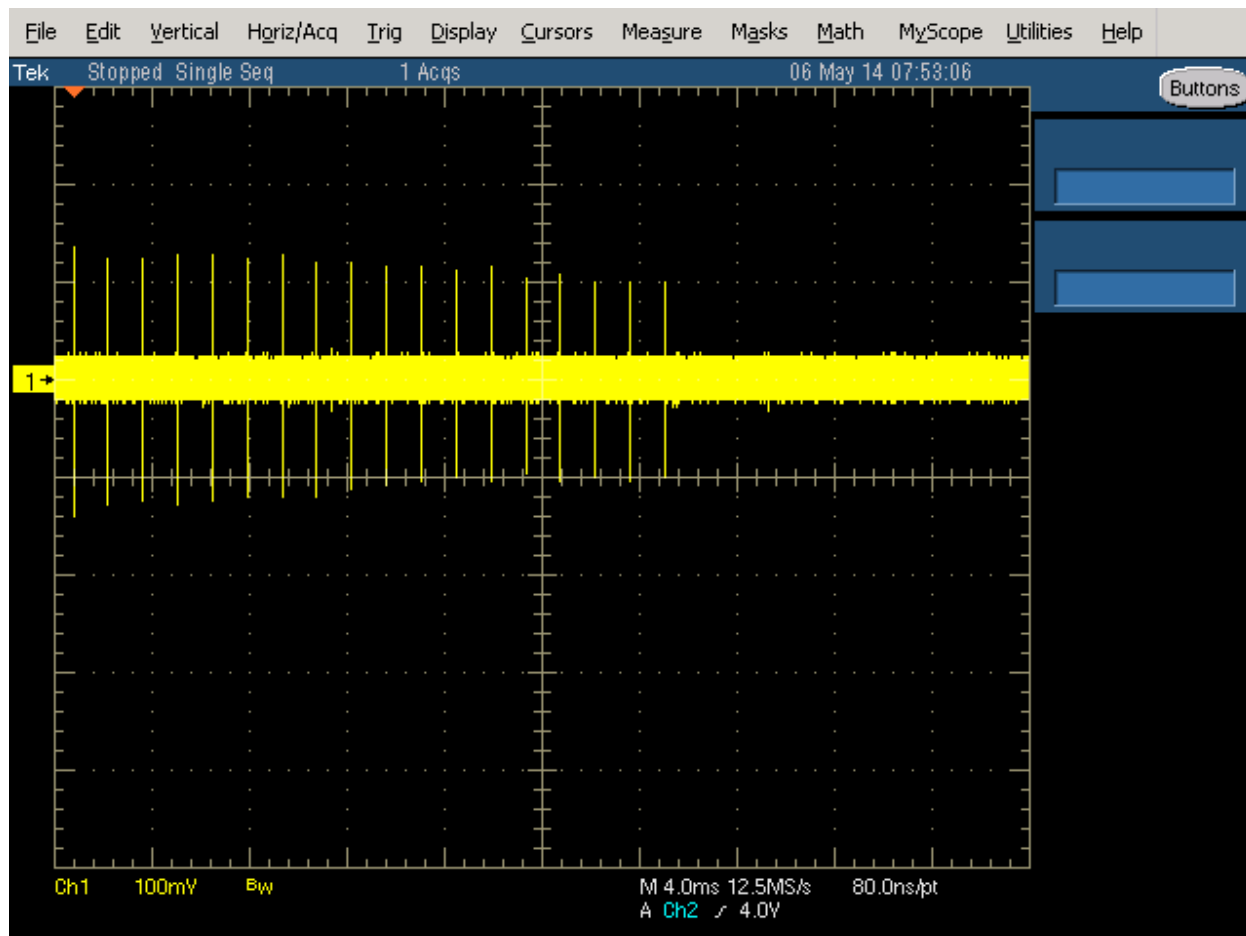


Figure 2 SA Noise Floor During Testing (radar shown at 520 ms)

**RADAR GENERATOR PLOTS**

The radar generator was connected to Spectrum Analyzer (SA) input, with the SA set to zero span, 3 MHz RBW, 3 MHz VBW. The SA IF output was connected to an oscilloscope to provide timing plots.



**Figure 3 FCC Type 1 Radar (18 pulses)**

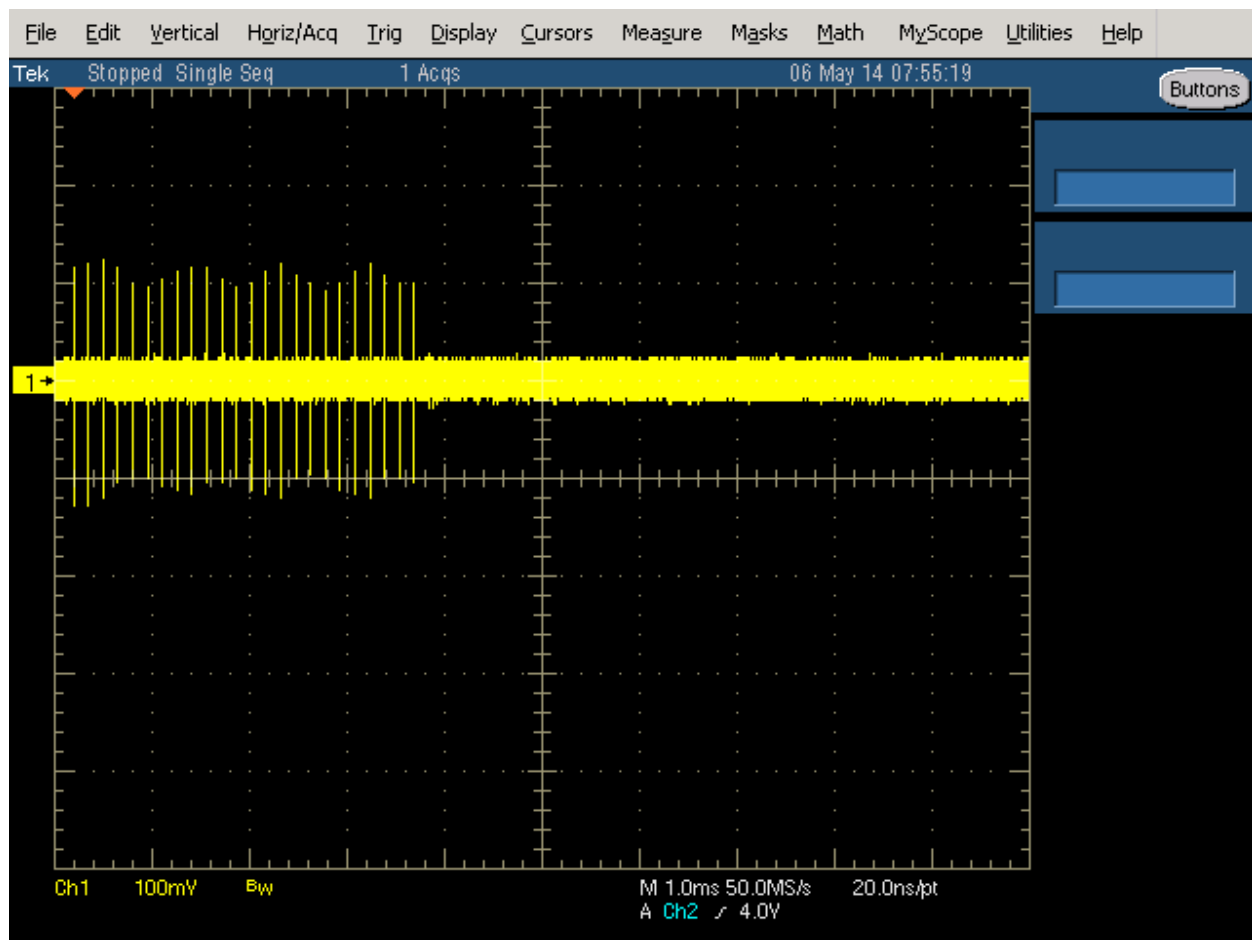


Figure 4 FCC Type 2 Radar (24 pulses)

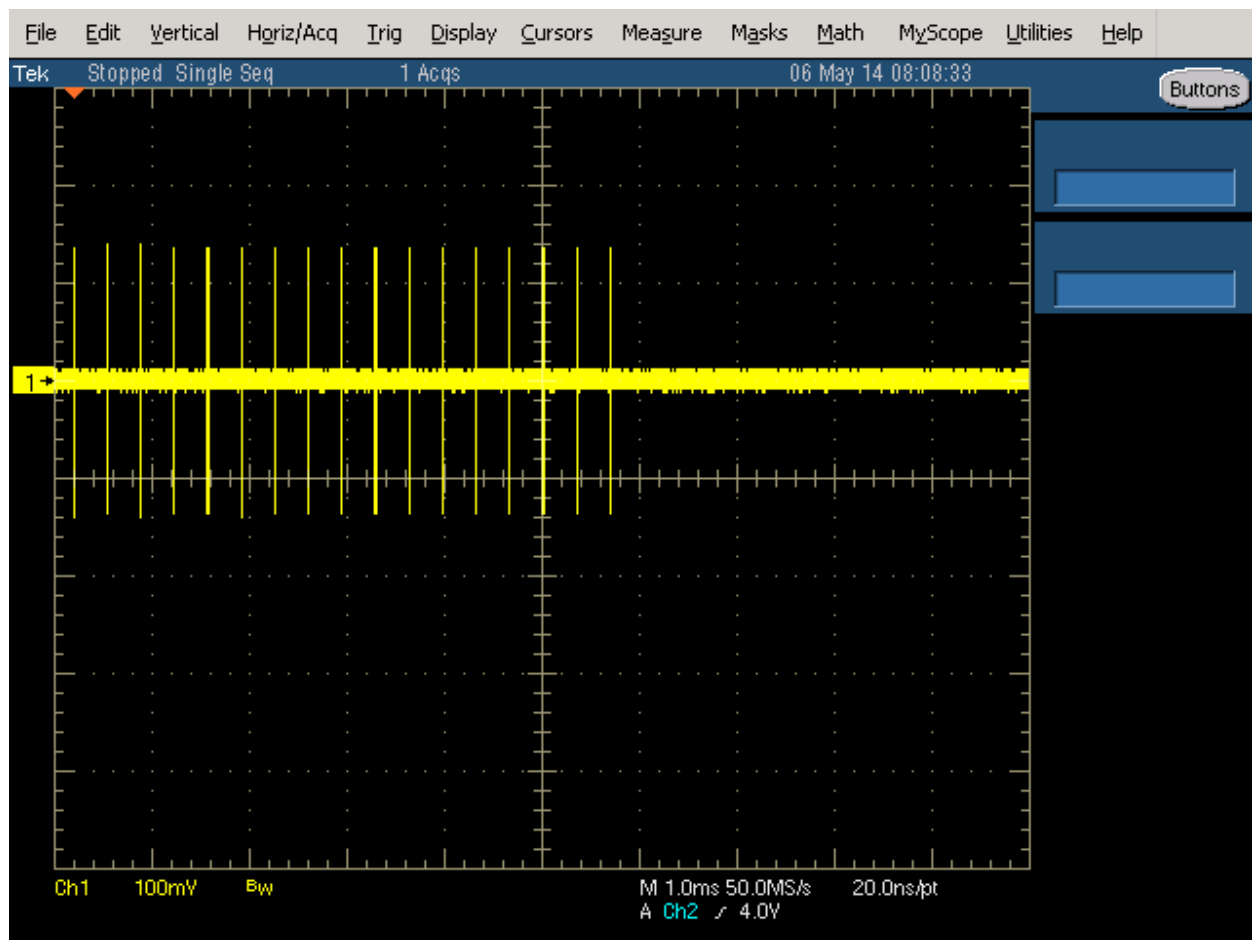


Figure 5 FCC Type 3 Radar (17 pulses)

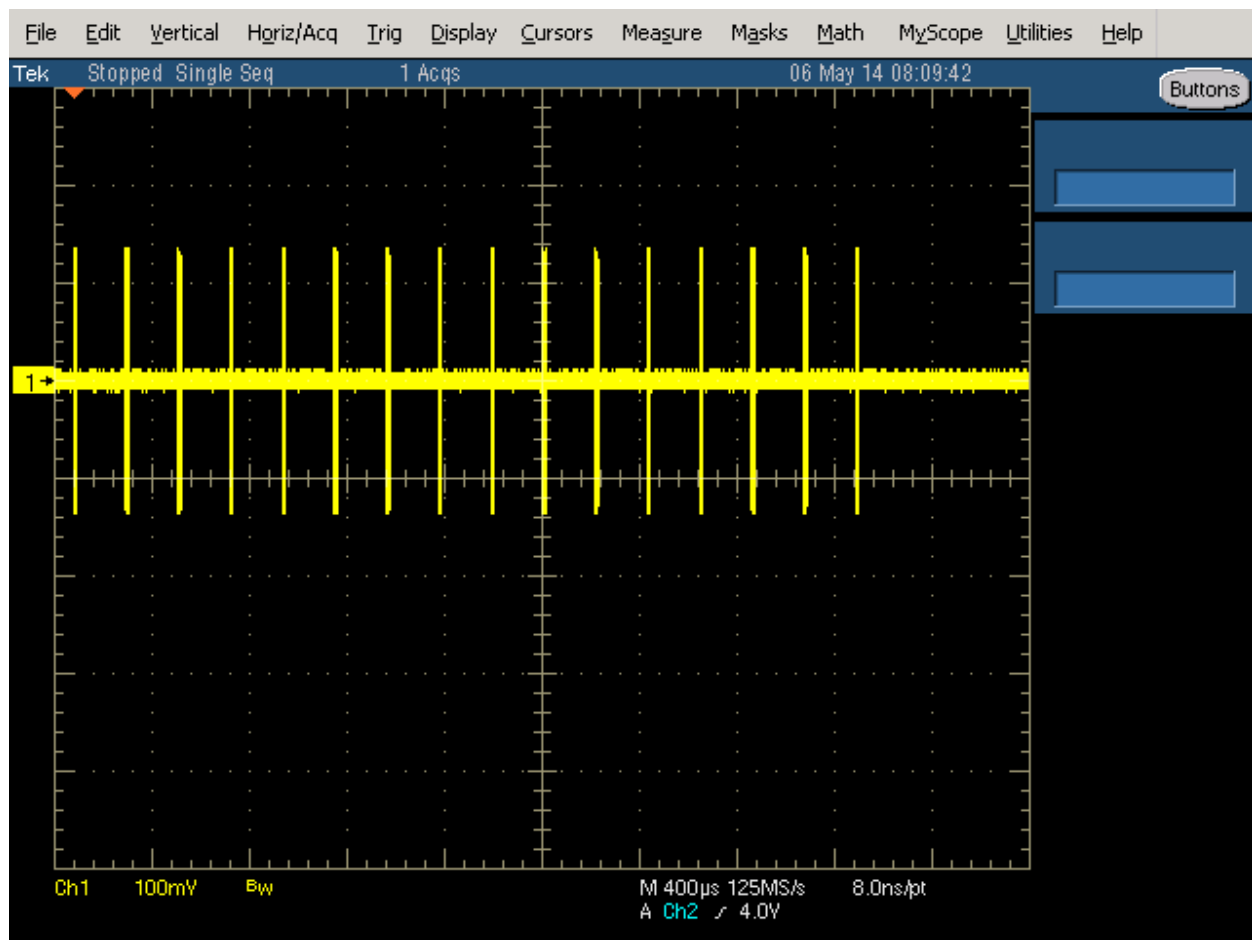


Figure 6 FCC Type 4 Radar (16 pulses)



Figure 7 FCC Type 5 Radar (burst with three pulses, 1650 μs first period)

The shape is round due to chirped frequency during pulse as the SA is in zero span with 3 MHz BW.

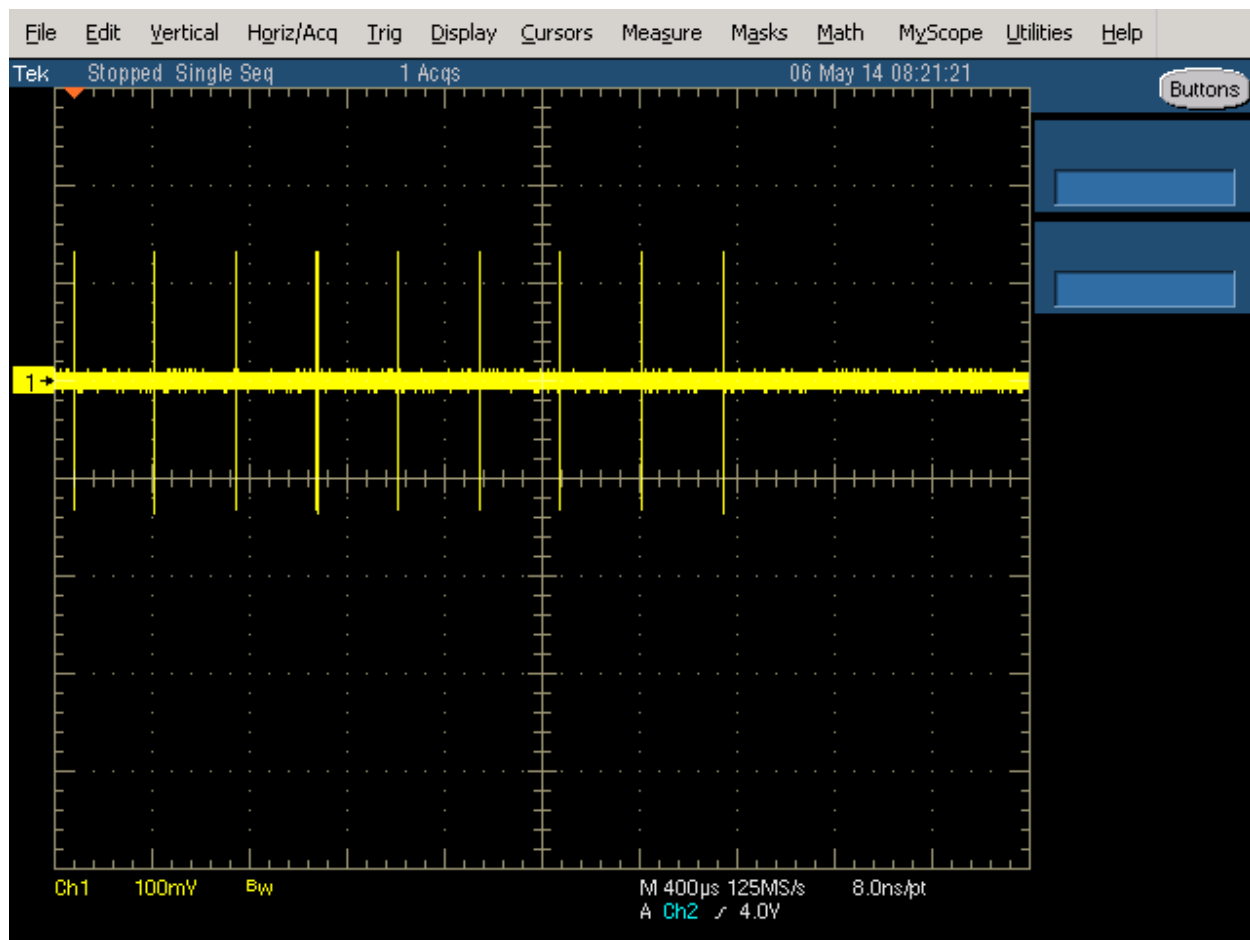


Figure 8 FCC Type 6 Radar (9 pulses in each burst)

**DFS MEASUREMENT METHODS****DFS RADAR DETECTION BANDWIDTH**

The radar detection bandwidth is determined by using FCC radar waveform 1 and applying radar pulses at offsets from the center channel frequency by multiples of 1MHz. These bursts are applied with no traffic on the channel. The first frequencies above and below the center channel frequency that have a detection rate below 90% define the radar bandwidth, the actual range being 1MHz below the upper frequency and 1MHz above the lower frequency.

**DFS – CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME**

Channel clearing and closing times are measured by applying a burst of radar with the device configured to change channel and by observing the channel for transmissions. The time between the end of the applied radar waveform and the final transmission on the channel is the channel move time.

The aggregate transmission closing time is measured in one of two ways:

FCC/KCC Notice No. 2010-48 – the total time of all individual transmissions from the EUT that are observed starting 200ms at the end of the last radar pulse in the waveform. This value is required to be less than 60ms.

**DFS – CHANNEL NON-OCCUPANCY AND VERIFICATION OF PASSIVE SCANNING**

The channel that was in use prior to radar detection by the master is additionally monitored for 30 minutes to ensure no transmissions on the vacated channel over the required non-occupancy period. This is achieved by tuning the spectrum analyzer to the vacated channel in zero-span mode and connecting the IF output to an oscilloscope. The oscilloscope is triggered by the radar pulse and set to provide a single sweep (in peak detect mode) that lasts for at least 30 minutes after the end of the channel move time.

**DFS CHANNEL AVAILABILITY CHECK TIME**

It is preferred that the EUT report when it starts the radar channel availability check. If the EUT does not report the start of the check time, then the time to start transmitting on a channel after switching the device on is measured to approximate the time from power-on to the end of the channel availability check. The start of the channel availability check is assumed to be 60 seconds prior to the first transmission on the channel.

To evaluate the channel availability check, a single burst of one radar type is applied within the first 2 seconds of the start of the channel availability check and it is verified that the device does not use the channel by continuing to monitor the channel for a period of at least 60 seconds. The test is repeated by applying a burst of radar in the last 2 seconds (i.e. between 58 and 60 seconds after the start of CAC when evaluating a 60-second CAC) of the channel availability check.

**UNIFORM LOADING**

Compliance with the FCC's channel loading requirement is demonstrated through the manufacturer's operational description for the device under test.

**TRANSMIT POWER CONTROL (TPC)**

Compliance with the transmit power control requirements for devices is demonstrated through measurements showing multiple power levels and manufacturer statements explaining how the power control is implemented.

## **SAMPLE CALCULATIONS**

### **DETECTION PROBABILITY / SUCCESS RATE**

The detection probability, or success rate, for any one radar waveform equals the number of successful trials divided by the total number of trials for that waveform.

In the case of the FCC requirements, for radar waveform types 1 through 4 an additional calculation is made to determine the average detection probability over all four radar waveform types. This calculation is the arithmetic mean of the four individual probabilities.

### **THRESHOLD LEVEL**

The threshold level is the level of the simulated radar waveform at the EUT's antenna. If the test is performed in a conducted fashion then the level at the rf input equals the level at the antenna plus the gain of the antenna assembly, in dBi. The gain of the antenna assembly equals the gain of the antenna minus the loss of the cabling between the rf input and the antenna. The lowest gain value for all antenna assemblies intended for use with the device is used when making this calculation.

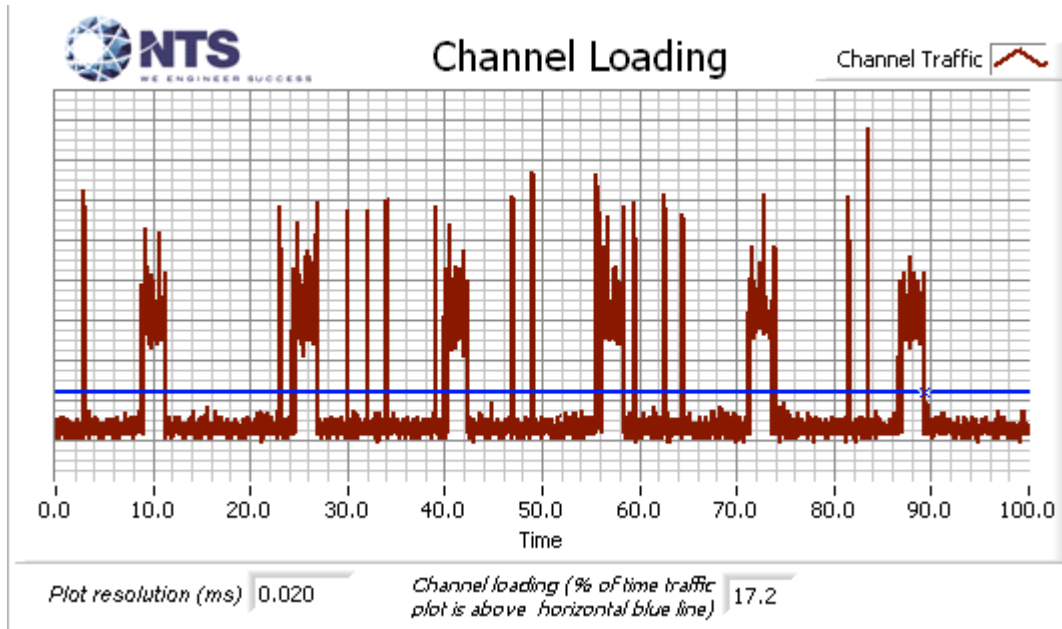
If the test is performed using the radiated method then the threshold level is the level at the antenna.

**Appendix A Test Equipment Calibration Data**

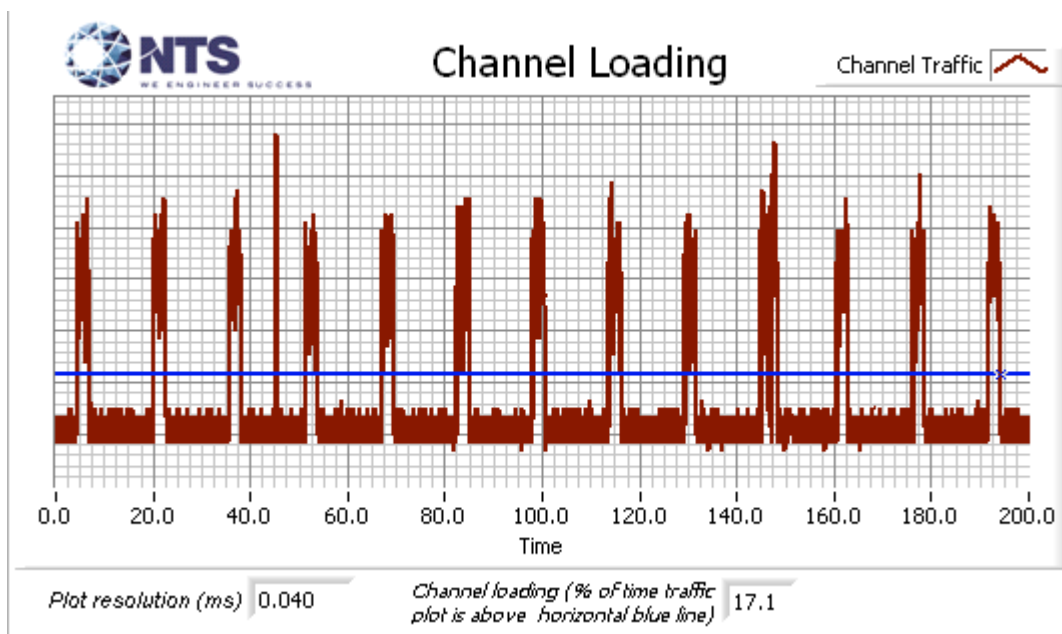
| <b><u>Manufacturer</u></b> | <b><u>Description</u></b>                      | <b><u>Model #</u></b> | <b><u>Asset #</u></b> | <b><u>Cal Due</u></b> |
|----------------------------|------------------------------------------------|-----------------------|-----------------------|-----------------------|
| Hewlett Packard            | EMC Spectrum Analyzer, 9 kHz - 6.5 GHz         | 8595EM                | 787                   | 14-Aug-16             |
| ETS Lindgren               | Antenna, Horn, 1-18 GHz                        | 3117                  | 1662                  | 04-Jun-16             |
| Agilent Technologies       | PSG, Vector Signal Generator, (250kHz - 20GHz) | E8267C                | 1877                  | 16-Jun-16             |
| EMCO                       | Antenna, Horn, 1-18 GHz                        | 3115                  | 2870                  | 31-Aug-17             |
| Tektronix                  | 350 MHz Digital Oscilloscope                   | TDS5034B              | 3255                  | 12-Feb-17             |

**Appendix B Test Data Tables for Radar Detection Probability**

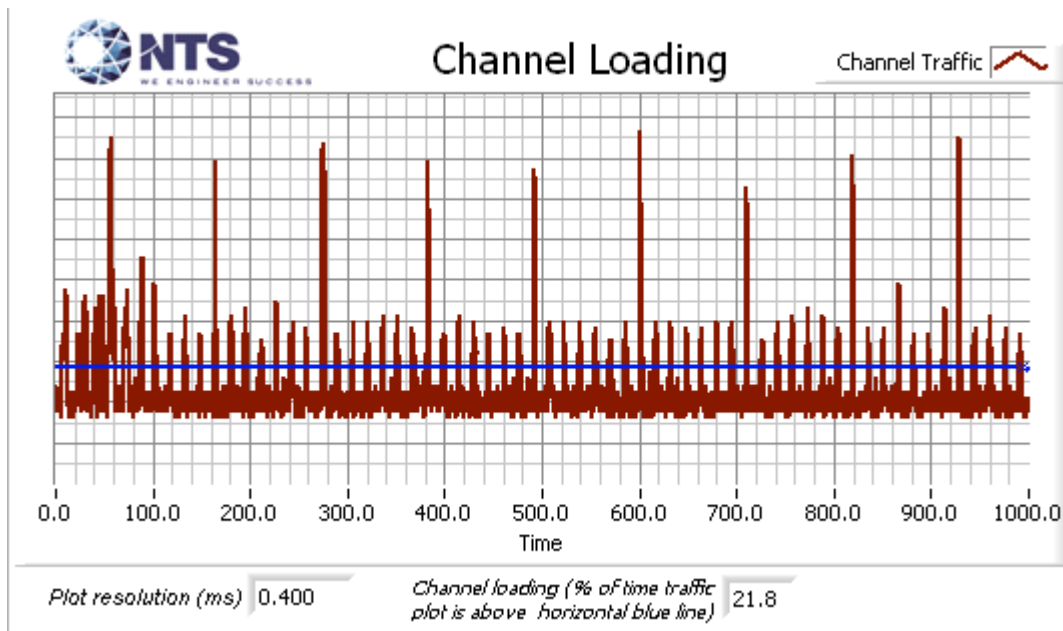
The plot below shows the channel loading during testing as evaluated over a 1 second period. The traffic was generated by iPerf software combined with streaming the FCC movie via VLC media server software.



**Figure 9 Channel Utilization During In-Service Detection Measurements (n20 mode)**



**Figure 10 Channel Utilization During In-Service Detection Measurements (n40 mode)**



**Figure 11 Channel Utilization During In-Service Detection Measurements (ac80 mode)**

**Table 7 - Summary of All Results 802.11n20**

| Waveform Name                        | Pd (%)  | Pd Required (%) | Number of Trials | Status |
|--------------------------------------|---------|-----------------|------------------|--------|
| FCC Short Pulse Radar (Type 1A)      | 100.0 % | 60.0 %          | 15               | PASSED |
| FCC Short Pulse Radar (Type 1B)      | 100.0 % | 60.0 %          | 15               | PASSED |
| FCC Short Pulse Radar (Type 2)       | 96.7 %  | 60.0 %          | 30               | PASSED |
| FCC Short Pulse Radar (Type 3)       | 86.7 %  | 60.0 %          | 30               | PASSED |
| FCC Short Pulse Radar (Type 4)       | 100.0 % | 60.0 %          | 30               | PASSED |
| Aggregate of above results           | 95.8 %  | 80.0 %          | 120              | PASSED |
| Long Sequence                        | 90.0 %  | 80.0 %          | 30               | PASSED |
| FCC frequency hopping radar (Type 6) | 100.0 % | 70.0 %          | 38               | PASSED |

**Table 8 - FCC Short Pulse Radar (Type 1A) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and level (dBm) | Burst Information |
|---------|------------------|---------------------|----------|----------|--------------------------|-------------------|
| 1       | 95               | 1.0                 | 558.0    | Yes      | 5500.0MHz, -64.0dBm      | Single burst      |
| 2       | 59               | 1.0                 | 898.0    | Yes      | 5504.0MHz, -64.0dBm      | Single burst      |
| 3       | 89               | 1.0                 | 598.0    | Yes      | 5505.9MHz, -64.0dBm      | Single burst      |
| 4       | 102              | 1.0                 | 518.0    | Yes      | 5508.9MHz, -64.0dBm      | Single burst      |
| 5       | 62               | 1.0                 | 858.0    | Yes      | 5491.1MHz, -64.0dBm      | Single burst      |
| 6       | 65               | 1.0                 | 818.0    | Yes      | 5491.2MHz, -64.0dBm      | Single burst      |
| 7       | 72               | 1.0                 | 738.0    | Yes      | 5494.1MHz, -64.0dBm      | Single burst      |
| 8       | 61               | 1.0                 | 878.0    | Yes      | 5495.7MHz, -64.0dBm      | Single burst      |
| 9       | 86               | 1.0                 | 618.0    | Yes      | 5498.8MHz, -64.0dBm      | Single burst      |
| 10      | 81               | 1.0                 | 658.0    | Yes      | 5501.9MHz, -64.0dBm      | Single burst      |
| 11      | 68               | 1.0                 | 778.0    | Yes      | 5503.7MHz, -64.0dBm      | Single burst      |
| 12      | 74               | 1.0                 | 718.0    | Yes      | 5504.9MHz, -64.0dBm      | Single burst      |
| 13      | 99               | 1.0                 | 538.0    | Yes      | 5507.3MHz, -64.0dBm      | Single burst      |
| 14      | 67               | 1.0                 | 798.0    | Yes      | 5508.9MHz, -64.0dBm      | Single burst      |
| 15      | 58               | 1.0                 | 918.0    | Yes      | 5491.1MHz, -64.0dBm      | Single burst      |

**Table 9 - FCC Short Pulse Radar (Type 1B) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and level (dBm) | Burst Information |
|---------|------------------|---------------------|----------|----------|--------------------------|-------------------|
| 1       | 33               | 1.0                 | 1619.0   | Yes      | 5500.0MHz, -64.0dBm      | Single burst      |
| 2       | 18               | 1.0                 | 2944.0   | Yes      | 5502.2MHz, -64.0dBm      | Single burst      |
| 3       | 30               | 1.0                 | 1810.0   | Yes      | 5504.2MHz, -64.0dBm      | Single burst      |
| 4       | 23               | 1.0                 | 2394.0   | Yes      | 5506.5MHz, -64.0dBm      | Single burst      |
| 5       | 25               | 1.0                 | 2168.0   | Yes      | 5507.7MHz, -64.0dBm      | Single burst      |
| 6       | 63               | 1.0                 | 847.0    | Yes      | 5508.9MHz, -64.0dBm      | Single burst      |
| 7       | 21               | 1.0                 | 2519.0   | Yes      | 5491.1MHz, -64.0dBm      | Single burst      |
| 8       | 41               | 1.0                 | 1294.0   | Yes      | 5491.1MHz, -64.0dBm      | Single burst      |
| 9       | 24               | 1.0                 | 2263.0   | Yes      | 5493.0MHz, -64.0dBm      | Single burst      |
| 10      | 28               | 1.0                 | 1885.0   | Yes      | 5496.8MHz, -64.0dBm      | Single burst      |
| 11      | 24               | 1.0                 | 2262.0   | Yes      | 5499.8MHz, -64.0dBm      | Single burst      |
| 12      | 26               | 1.0                 | 2077.0   | Yes      | 5503.6MHz, -64.0dBm      | Single burst      |
| 13      | 19               | 1.0                 | 2922.0   | Yes      | 5505.4MHz, -64.0dBm      | Single burst      |
| 14      | 65               | 1.0                 | 816.0    | Yes      | 5507.4MHz, -64.0dBm      | Single burst      |
| 15      | 25               | 1.0                 | 2180.0   | Yes      | 5508.9MHz, -64.0dBm      | Single burst      |

**Table 10 - FCC Short Pulse Radar (Type 2) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and level (dBm) | Burst Information |
|---------|------------------|---------------------|----------|----------|--------------------------|-------------------|
| 1       | 23               | 3.2                 | 191.0    | Yes      | 5500.0MHz, -64.0dBm      | Single burst      |
| 2       | 23               | 4.8                 | 152.0    | Yes      | 5501.1MHz, -64.0dBm      | Single burst      |
| 3       | 26               | 2.3                 | 184.0    | Yes      | 5504.7MHz, -64.0dBm      | Single burst      |
| 4       | 24               | 3.2                 | 181.0    | No       | 5507.8MHz, -64.0dBm      | Single burst      |
| 5       | 28               | 2.4                 | 154.0    | Yes      | 5507.8MHz, -64.0dBm      | Single burst      |
| 6       | 27               | 1.9                 | 158.0    | Yes      | 5508.9MHz, -64.0dBm      | Single burst      |
| 7       | 24               | 3.6                 | 191.0    | Yes      | 5491.1MHz, -64.0dBm      | Single burst      |
| 8       | 26               | 2.1                 | 152.0    | Yes      | 5492.7MHz, -64.0dBm      | Single burst      |
| 9       | 27               | 4.4                 | 192.0    | Yes      | 5496.0MHz, -64.0dBm      | Single burst      |
| 10      | 23               | 4.2                 | 186.0    | Yes      | 5499.9MHz, -64.0dBm      | Single burst      |
| 11      | 24               | 2.0                 | 221.0    | Yes      | 5503.0MHz, -64.0dBm      | Single burst      |
| 12      | 24               | 1.3                 | 189.0    | Yes      | 5504.7MHz, -64.0dBm      | Single burst      |
| 13      | 25               | 4.0                 | 227.0    | Yes      | 5508.6MHz, -64.0dBm      | Single burst      |
| 14      | 25               | 2.2                 | 157.0    | Yes      | 5508.9MHz, -64.0dBm      | Single burst      |
| 15      | 29               | 4.3                 | 173.0    | Yes      | 5491.1MHz, -64.0dBm      | Single burst      |
| 16      | 24               | 5.0                 | 223.0    | Yes      | 5492.4MHz, -64.0dBm      | Single burst      |
| 17      | 27               | 3.5                 | 209.0    | Yes      | 5495.5MHz, -64.0dBm      | Single burst      |
| 18      | 26               | 4.8                 | 230.0    | Yes      | 5498.3MHz, -64.0dBm      | Single burst      |
| 19      | 24               | 2.1                 | 205.0    | Yes      | 5501.0MHz, -64.0dBm      | Single burst      |
| 20      | 28               | 2.8                 | 215.0    | Yes      | 5503.8MHz, -64.0dBm      | Single burst      |
| 21      | 24               | 4.3                 | 207.0    | Yes      | 5505.9MHz, -64.0dBm      | Single burst      |
| 22      | 24               | 3.1                 | 175.0    | Yes      | 5507.3MHz, -64.0dBm      | Single burst      |
| 23      | 24               | 3.1                 | 165.0    | Yes      | 5508.9MHz, -64.0dBm      | Single burst      |
| 24      | 28               | 1.3                 | 223.0    | Yes      | 5491.1MHz, -64.0dBm      | Single burst      |
| 25      | 26               | 3.5                 | 203.0    | Yes      | 5491.3MHz, -64.0dBm      | Single burst      |
| 26      | 24               | 1.8                 | 211.0    | Yes      | 5492.3MHz, -64.0dBm      | Single burst      |
| 27      | 25               | 1.1                 | 167.0    | Yes      | 5493.7MHz, -64.0dBm      | Single burst      |
| 28      | 24               | 1.6                 | 212.0    | Yes      | 5497.1MHz, -64.0dBm      | Single burst      |
| 29      | 25               | 2.9                 | 198.0    | Yes      | 5500.6MHz, -64.0dBm      | Single burst      |
| 30      | 29               | 4.3                 | 184.0    | Yes      | 5502.8MHz, -64.0dBm      | Single burst      |

**Table 11 - FCC Short Pulse Radar (Type 3) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and level (dBm) | Burst Information |
|---------|------------------|---------------------|----------|----------|--------------------------|-------------------|
| 1       | 18               | 7.8                 | 378.0    | Yes      | 5500.0MHz, -64.0dBm      | Single burst      |
| 2       | 16               | 8.1                 | 330.0    | Yes      | 5502.6MHz, -64.0dBm      | Single burst      |
| 3       | 17               | 6.8                 | 323.0    | Yes      | 5503.9MHz, -64.0dBm      | Single burst      |
| 4       | 17               | 7.3                 | 208.0    | No       | 5505.8MHz, -64.0dBm      | Single burst      |
| 5       | 17               | 7.9                 | 212.0    | Yes      | 5505.8MHz, -64.0dBm      | Single burst      |
| 6       | 17               | 10.0                | 247.0    | Yes      | 5508.6MHz, -64.0dBm      | Single burst      |
| 7       | 18               | 6.2                 | 355.0    | Yes      | 5508.9MHz, -64.0dBm      | Single burst      |
| 8       | 18               | 9.7                 | 213.0    | Yes      | 5491.1MHz, -64.0dBm      | Single burst      |
| 9       | 17               | 9.1                 | 213.0    | Yes      | 5491.6MHz, -64.0dBm      | Single burst      |
| 10      | 18               | 6.8                 | 351.0    | No       | 5493.0MHz, -64.0dBm      | Single burst      |
| 11      | 17               | 6.2                 | 225.0    | No       | 5493.0MHz, -64.0dBm      | Single burst      |
| 12      | 17               | 8.2                 | 378.0    | Yes      | 5493.0MHz, -64.0dBm      | Single burst      |
| 13      | 17               | 8.4                 | 358.0    | Yes      | 5496.5MHz, -64.0dBm      | Single burst      |
| 14      | 17               | 7.6                 | 405.0    | Yes      | 5498.7MHz, -64.0dBm      | Single burst      |
| 15      | 16               | 7.3                 | 374.0    | Yes      | 5501.8MHz, -64.0dBm      | Single burst      |
| 16      | 18               | 8.3                 | 281.0    | Yes      | 5504.6MHz, -64.0dBm      | Single burst      |
| 17      | 17               | 6.4                 | 214.0    | No       | 5505.9MHz, -64.0dBm      | Single burst      |
| 18      | 18               | 9.1                 | 373.0    | Yes      | 5505.9MHz, -64.0dBm      | Single burst      |
| 19      | 17               | 8.3                 | 245.0    | Yes      | 5508.3MHz, -64.0dBm      | Single burst      |
| 20      | 17               | 9.9                 | 379.0    | Yes      | 5508.9MHz, -64.0dBm      | Single burst      |
| 21      | 17               | 9.8                 | 480.0    | Yes      | 5491.1MHz, -64.0dBm      | Single burst      |
| 22      | 16               | 6.5                 | 405.0    | Yes      | 5492.8MHz, -64.0dBm      | Single burst      |
| 23      | 17               | 9.7                 | 424.0    | Yes      | 5495.6MHz, -64.0dBm      | Single burst      |
| 24      | 18               | 8.4                 | 229.0    | Yes      | 5497.7MHz, -64.0dBm      | Single burst      |
| 25      | 18               | 9.3                 | 221.0    | Yes      | 5499.7MHz, -64.0dBm      | Single burst      |
| 26      | 18               | 9.3                 | 201.0    | Yes      | 5502.5MHz, -64.0dBm      | Single burst      |
| 27      | 16               | 6.1                 | 498.0    | Yes      | 5506.0MHz, -64.0dBm      | Single burst      |
| 28      | 17               | 7.3                 | 366.0    | Yes      | 5508.4MHz, -64.0dBm      | Single burst      |
| 29      | 16               | 9.0                 | 390.0    | Yes      | 5508.9MHz, -64.0dBm      | Single burst      |
| 30      | 17               | 8.8                 | 441.0    | Yes      | 5491.1MHz, -64.0dBm      | Single burst      |

**Table 12 - FCC Short Pulse Radar (Type 4) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and level (dBm) | Burst Information |
|---------|------------------|---------------------|----------|----------|--------------------------|-------------------|
| 1       | 16               | 11.4                | 390.0    | Yes      | 5500.0MHz, -64.0dBm      | Single burst      |
| 2       | 13               | 14.9                | 331.0    | Yes      | 5502.5MHz, -64.0dBm      | Single burst      |
| 3       | 13               | 12.4                | 491.0    | Yes      | 5504.7MHz, -64.0dBm      | Single burst      |
| 4       | 15               | 12.1                | 326.0    | Yes      | 5506.1MHz, -64.0dBm      | Single burst      |
| 5       | 15               | 11.5                | 346.0    | Yes      | 5508.9MHz, -64.0dBm      | Single burst      |
| 6       | 14               | 12.0                | 314.0    | Yes      | 5491.1MHz, -64.0dBm      | Single burst      |
| 7       | 13               | 16.3                | 401.0    | Yes      | 5493.9MHz, -64.0dBm      | Single burst      |
| 8       | 13               | 16.5                | 257.0    | Yes      | 5496.9MHz, -64.0dBm      | Single burst      |
| 9       | 13               | 11.7                | 307.0    | Yes      | 5500.0MHz, -64.0dBm      | Single burst      |
| 10      | 13               | 11.6                | 225.0    | Yes      | 5501.0MHz, -64.0dBm      | Single burst      |
| 11      | 16               | 18.2                | 251.0    | Yes      | 5504.9MHz, -64.0dBm      | Single burst      |
| 12      | 16               | 16.9                | 290.0    | Yes      | 5507.7MHz, -64.0dBm      | Single burst      |
| 13      | 16               | 16.2                | 332.0    | Yes      | 5508.9MHz, -64.0dBm      | Single burst      |
| 14      | 14               | 18.1                | 275.0    | Yes      | 5491.1MHz, -64.0dBm      | Single burst      |
| 15      | 15               | 12.0                | 301.0    | Yes      | 5492.6MHz, -64.0dBm      | Single burst      |
| 16      | 15               | 14.3                | 469.0    | Yes      | 5495.2MHz, -64.0dBm      | Single burst      |
| 17      | 15               | 16.8                | 432.0    | Yes      | 5497.3MHz, -64.0dBm      | Single burst      |
| 18      | 12               | 14.2                | 354.0    | Yes      | 5499.8MHz, -64.0dBm      | Single burst      |
| 19      | 12               | 15.2                | 349.0    | Yes      | 5501.6MHz, -64.0dBm      | Single burst      |
| 20      | 13               | 16.9                | 375.0    | Yes      | 5503.6MHz, -64.0dBm      | Single burst      |
| 21      | 15               | 17.4                | 433.0    | Yes      | 5504.7MHz, -64.0dBm      | Single burst      |
| 22      | 14               | 12.6                | 437.0    | Yes      | 5506.4MHz, -64.0dBm      | Single burst      |
| 23      | 13               | 19.5                | 427.0    | Yes      | 5508.1MHz, -64.0dBm      | Single burst      |
| 24      | 14               | 14.5                | 213.0    | Yes      | 5508.9MHz, -64.0dBm      | Single burst      |
| 25      | 13               | 13.2                | 296.0    | Yes      | 5491.1MHz, -64.0dBm      | Single burst      |
| 26      | 13               | 12.4                | 484.0    | Yes      | 5492.2MHz, -64.0dBm      | Single burst      |
| 27      | 15               | 15.1                | 399.0    | Yes      | 5494.6MHz, -64.0dBm      | Single burst      |
| 28      | 15               | 11.3                | 213.0    | Yes      | 5495.9MHz, -64.0dBm      | Single burst      |
| 29      | 12               | 17.9                | 308.0    | Yes      | 5497.2MHz, -64.0dBm      | Single burst      |
| 30      | 15               | 13.8                | 488.0    | Yes      | 5498.7MHz, -64.0dBm      | Single burst      |

**Table 13 - Long Sequence Waveform Summary 802.11n20**

| Long Sequence Trial | Result       | Radar Frequency / Amplitude |
|---------------------|--------------|-----------------------------|
| Trial #1            | Detected     | 5500.0MHz, -64.0dBm         |
| Trial #2            | Detected     | 5503.3MHz, -64.0dBm         |
| Trial #3            | Detected     | 5506.2MHz, -64.0dBm         |
| Trial #4            | Detected     | 5507.2MHz, -64.0dBm         |
| Trial #5            | NOT Detected | 5492.8MHz, -64.0dBm         |
| Trial #6            | Detected     | 5492.8MHz, -64.0dBm         |
| Trial #7            | Detected     | 5492.9MHz, -64.0dBm         |
| Trial #8            | Detected     | 5495.8MHz, -64.0dBm         |
| Trial #9            | Detected     | 5499.7MHz, -64.0dBm         |
| Trial #10           | Detected     | 5502.1MHz, -64.0dBm         |
| Trial #11           | Detected     | 5506.1MHz, -64.0dBm         |
| Trial #12           | Detected     | 5507.2MHz, -64.0dBm         |
| Trial #13           | Detected     | 5492.8MHz, -64.0dBm         |
| Trial #14           | NOT Detected | 5493.7MHz, -64.0dBm         |
| Trial #15           | Detected     | 5493.7MHz, -64.0dBm         |
| Trial #16           | Detected     | 5496.6MHz, -64.0dBm         |
| Trial #17           | Detected     | 5498.6MHz, -64.0dBm         |
| Trial #18           | Detected     | 5502.1MHz, -64.0dBm         |
| Trial #19           | Detected     | 5504.4MHz, -64.0dBm         |
| Trial #20           | Detected     | 5506.3MHz, -64.0dBm         |
| Trial #21           | Detected     | 5507.2MHz, -64.0dBm         |
| Trial #22           | Detected     | 5492.8MHz, -64.0dBm         |
| Trial #23           | Detected     | 5494.6MHz, -64.0dBm         |
| Trial #24           | Detected     | 5497.5MHz, -64.0dBm         |
| Trial #25           | Detected     | 5500.7MHz, -64.0dBm         |
| Trial #26           | Detected     | 5502.7MHz, -64.0dBm         |
| Trial #27           | Detected     | 5504.6MHz, -64.0dBm         |
| Trial #28           | Detected     | 5506.7MHz, -64.0dBm         |
| Trial #29           | Detected     | 5507.2MHz, -64.0dBm         |
| Trial #30           | NOT Detected | 5492.8MHz, -64.0dBm         |

**Table 14 - Long Sequence Waveform Trial#1 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 96.3             | 12          | -                    | -                    | 0.016427       |
| 2       | 3        | 75.8             | 16          | 1231.0               | 1827.0               | 1.120829       |
| 3       | 2        | 53.6             | 12          | 1821.0               | -                    | 1.751908       |
| 4       | 1        | 76.1             | 11          | -                    | -                    | 2.069861       |
| 5       | 2        | 76.5             | 14          | 1987.0               | -                    | 3.105884       |
| 6       | 2        | 78.2             | 18          | 1384.0               | -                    | 3.717886       |
| 7       | 3        | 69.2             | 12          | 1494.0               | 1499.0               | 4.056770       |
| 8       | 1        | 87.7             | 13          | -                    | -                    | 4.673718       |
| 9       | 3        | 56.7             | 15          | 1023.0               | 1779.0               | 5.686369       |
| 10      | 3        | 68.4             | 16          | 1088.0               | 1279.0               | 6.254924       |
| 11      | 2        | 76.4             | 11          | 1229.0               | -                    | 7.145026       |
| 12      | 2        | 63.3             | 9           | 1458.0               | -                    | 7.403586       |
| 13      | 1        | 53.3             | 6           | -                    | -                    | 8.408665       |
| 14      | 2        | 99.7             | 12          | 1606.0               | -                    | 8.789314       |
| 15      | 2        | 55.0             | 18          | 1685.0               | -                    | 9.922457       |
| 16      | 2        | 62.3             | 5           | 1599.0               | -                    | 10.284664      |
| 17      | 2        | 78.0             | 14          | 1476.0               | -                    | 10.924595      |
| 18      | 2        | 81.5             | 20          | 1099.0               | -                    | 11.374987      |

**Table 15 - Long Sequence Waveform Trial#2 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 52.0             | 11          | -                    | -                    | 0.231407       |
| 2       | 3        | 53.3             | 20          | 1205.0               | 1025.0               | 1.379446       |
| 3       | 1        | 60.7             | 17          | -                    | -                    | 1.486879       |
| 4       | 1        | 94.2             | 7           | -                    | -                    | 2.233086       |
| 5       | 1        | 55.9             | 13          | -                    | -                    | 2.838112       |
| 6       | 2        | 90.8             | 17          | 1815.0               | -                    | 3.610080       |
| 7       | 3        | 80.7             | 12          | 1729.0               | 1374.0               | 4.366437       |
| 8       | 3        | 91.3             | 8           | 1802.0               | 1376.0               | 5.116100       |
| 9       | 1        | 92.5             | 13          | -                    | -                    | 6.111090       |
| 10      | 1        | 52.3             | 11          | -                    | -                    | 6.975900       |
| 11      | 2        | 50.2             | 6           | 1428.0               | -                    | 7.294318       |
| 12      | 2        | 66.3             | 6           | 1579.0               | -                    | 8.412153       |
| 13      | 2        | 57.6             | 17          | 1490.0               | -                    | 8.478469       |
| 14      | 1        | 54.8             | 16          | -                    | -                    | 9.433192       |
| 15      | 3        | 96.2             | 14          | 1143.0               | 1263.0               | 10.370903      |
| 16      | 1        | 58.0             | 17          | -                    | -                    | 11.180087      |
| 17      | 2        | 73.4             | 17          | 1167.0               | -                    | 11.915466      |

**Table 16 - Long Sequence Waveform Trial#3 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 90.8             | 11          | 1442.0               | 1888.0               | 0.170080       |
| 2       | 2        | 60.7             | 14          | 1710.0               | -                    | 1.333119       |
| 3       | 3        | 55.5             | 8           | 1718.0               | 1194.0               | 1.836748       |
| 4       | 3        | 91.7             | 14          | 1138.0               | 1879.0               | 2.645978       |
| 5       | 2        | 85.2             | 12          | 1966.0               | -                    | 2.886913       |
| 6       | 2        | 78.9             | 18          | 1581.0               | -                    | 4.038423       |
| 7       | 2        | 59.4             | 8           | 1713.0               | -                    | 4.678954       |
| 8       | 3        | 68.9             | 11          | 1276.0               | 1646.0               | 5.036515       |
| 9       | 2        | 77.4             | 13          | 1326.0               | -                    | 5.994446       |
| 10      | 3        | 59.4             | 11          | 1853.0               | 1046.0               | 6.828298       |
| 11      | 1        | 70.4             | 16          | -                    | -                    | 7.548774       |
| 12      | 1        | 70.9             | 13          | -                    | -                    | 8.372583       |
| 13      | 3        | 58.8             | 10          | 1648.0               | 1182.0               | 9.150894       |
| 14      | 2        | 51.1             | 16          | 1618.0               | -                    | 9.615021       |
| 15      | 3        | 94.2             | 12          | 1803.0               | 1945.0               | 9.890757       |
| 16      | 1        | 54.3             | 19          | -                    | -                    | 11.233588      |
| 17      | 2        | 50.4             | 6           | 1717.0               | -                    | 11.945764      |

**Table 17 - Long Sequence Waveform Trial#4 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 86.7             | 7           | -                    | -                    | 0.275101       |
| 2       | 1        | 76.0             | 15          | -                    | -                    | 0.845378       |
| 3       | 2        | 56.9             | 11          | 1521.0               | -                    | 1.818011       |
| 4       | 2        | 85.0             | 11          | 1207.0               | -                    | 2.085937       |
| 5       | 3        | 62.3             | 14          | 1903.0               | 1323.0               | 2.873819       |
| 6       | 2        | 90.4             | 8           | 1922.0               | -                    | 3.267713       |
| 7       | 2        | 61.1             | 18          | 1616.0               | -                    | 4.075472       |
| 8       | 3        | 86.0             | 10          | 1991.0               | 1339.0               | 4.553747       |
| 9       | 2        | 51.4             | 5           | 1440.0               | -                    | 5.513576       |
| 10      | 2        | 94.6             | 11          | 1771.0               | -                    | 5.833403       |
| 11      | 3        | 97.0             | 6           | 1007.0               | 1846.0               | 6.640890       |
| 12      | 3        | 72.5             | 8           | 1091.0               | 1247.0               | 7.212540       |
| 13      | 2        | 84.1             | 7           | 1715.0               | -                    | 8.033245       |
| 14      | 1        | 80.7             | 13          | -                    | -                    | 8.563174       |
| 15      | 2        | 95.2             | 11          | 1374.0               | -                    | 9.067480       |
| 16      | 2        | 89.2             | 13          | 1822.0               | -                    | 9.825900       |
| 17      | 3        | 66.3             | 18          | 1686.0               | 1551.0               | 10.131201      |
| 18      | 2        | 77.9             | 17          | 1664.0               | -                    | 11.086796      |
| 19      | 3        | 91.3             | 9           | 1204.0               | 1496.0               | 11.485800      |

**Table 18 - Long Sequence Waveform Trial#5 (NOT Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 73.0             | 17          | 1355.0               | -                    | 0.514499       |
| 2       | 1        | 55.5             | 10          | -                    | -                    | 1.452487       |
| 3       | 3        | 71.6             | 13          | 1149.0               | 1672.0               | 2.898218       |
| 4       | 2        | 78.7             | 15          | 1539.0               | -                    | 4.682054       |
| 5       | 2        | 79.7             | 11          | 1195.0               | -                    | 6.196874       |
| 6       | 2        | 96.1             | 8           | 1655.0               | -                    | 6.859357       |
| 7       | 1        | 93.3             | 12          | -                    | -                    | 8.837924       |
| 8       | 1        | 63.7             | 14          | -                    | -                    | 9.851944       |
| 9       | 1        | 76.9             | 11          | -                    | -                    | 11.416997      |

**Table 19 - Long Sequence Waveform Trial#6 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 54.8             | 12          | -                    | -                    | 0.234040       |
| 2       | 2        | 89.1             | 13          | 1418.0               | -                    | 1.393676       |
| 3       | 3        | 54.0             | 11          | 1833.0               | 1483.0               | 2.139061       |
| 4       | 1        | 64.8             | 5           | -                    | -                    | 3.540079       |
| 5       | 2        | 71.4             | 10          | 1267.0               | -                    | 4.202228       |
| 6       | 1        | 86.3             | 9           | -                    | -                    | 5.235630       |
| 7       | 2        | 58.5             | 11          | 1451.0               | -                    | 5.691042       |
| 8       | 2        | 79.9             | 15          | 1645.0               | -                    | 7.220078       |
| 9       | 3        | 94.9             | 16          | 1483.0               | 1951.0               | 7.833402       |
| 10      | 3        | 94.7             | 15          | 1311.0               | 1704.0               | 8.953287       |
| 11      | 1        | 80.9             | 17          | -                    | -                    | 9.595227       |
| 12      | 2        | 79.2             | 16          | 1108.0               | -                    | 10.397021      |
| 13      | 3        | 70.3             | 12          | 1225.0               | 1719.0               | 11.483399      |

**Table 20 - Long Sequence Waveform Trial#7 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 52.6             | 14          | 1466.0               | -                    | 0.820449       |
| 2       | 2        | 53.9             | 10          | 1016.0               | -                    | 1.121062       |
| 3       | 2        | 79.0             | 15          | 1324.0               | -                    | 2.424940       |
| 4       | 1        | 87.0             | 11          | -                    | -                    | 3.415926       |
| 5       | 2        | 85.9             | 14          | 1631.0               | -                    | 3.923957       |
| 6       | 2        | 69.0             | 19          | 1949.0               | -                    | 4.772961       |
| 7       | 2        | 64.7             | 18          | 1750.0               | -                    | 5.995199       |
| 8       | 2        | 74.3             | 8           | 1163.0               | -                    | 6.076518       |
| 9       | 1        | 87.1             | 6           | -                    | -                    | 7.548283       |
| 10      | 3        | 75.6             | 18          | 1368.0               | 1391.0               | 8.477642       |
| 11      | 1        | 74.4             | 15          | -                    | -                    | 8.877760       |
| 12      | 2        | 84.5             | 14          | 1535.0               | -                    | 9.762989       |
| 13      | 1        | 82.7             | 11          | -                    | -                    | 11.141740      |
| 14      | 3        | 70.0             | 15          | 1997.0               | 1206.0               | 11.375061      |

**Table 21 - Long Sequence Waveform Trial#8 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 92.8             | 6           | -                    | -                    | 0.740246       |
| 2       | 2        | 80.0             | 20          | 1237.0               | -                    | 2.226298       |
| 3       | 2        | 78.2             | 9           | 1355.0               | -                    | 3.596316       |
| 4       | 1        | 61.5             | 16          | -                    | -                    | 3.881645       |
| 5       | 2        | 80.1             | 17          | 1177.0               | -                    | 5.723782       |
| 6       | 1        | 53.9             | 5           | -                    | -                    | 6.717765       |
| 7       | 2        | 55.1             | 18          | 1873.0               | -                    | 7.939959       |
| 8       | 3        | 60.0             | 14          | 1856.0               | 1975.0               | 9.513841       |
| 9       | 3        | 83.0             | 10          | 1522.0               | 1303.0               | 10.306097      |
| 10      | 3        | 68.3             | 12          | 1799.0               | 1950.0               | 11.650697      |

**Table 22 - Long Sequence Waveform Trial#9 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 58.7             | 6           | 1714.0               | -                    | 0.433695       |
| 2       | 2        | 78.2             | 16          | 1544.0               | -                    | 0.773207       |
| 3       | 2        | 83.8             | 15          | 1444.0               | -                    | 1.714816       |
| 4       | 2        | 78.9             | 13          | 1339.0               | -                    | 2.446712       |
| 5       | 2        | 61.8             | 6           | 1717.0               | -                    | 3.182368       |
| 6       | 2        | 80.9             | 12          | 1131.0               | -                    | 3.949331       |
| 7       | 1        | 90.7             | 17          | -                    | -                    | 4.239180       |
| 8       | 2        | 81.8             | 5           | 1471.0               | -                    | 5.044288       |
| 9       | 2        | 70.2             | 10          | 1403.0               | -                    | 5.690019       |
| 10      | 2        | 94.7             | 17          | 1353.0               | -                    | 6.610777       |
| 11      | 3        | 89.5             | 8           | 1181.0               | 1677.0               | 7.214240       |
| 12      | 3        | 75.0             | 10          | 1077.0               | 1668.0               | 7.888455       |
| 13      | 2        | 64.7             | 13          | 1619.0               | -                    | 8.349291       |
| 14      | 2        | 50.1             | 12          | 1310.0               | -                    | 8.689289       |
| 15      | 2        | 70.9             | 19          | 1750.0               | -                    | 9.564738       |
| 16      | 3        | 82.6             | 15          | 1945.0               | 1815.0               | 10.498008      |
| 17      | 2        | 56.7             | 17          | 1340.0               | -                    | 11.092579      |
| 18      | 2        | 95.1             | 14          | 1591.0               | -                    | 11.778944      |

**Table 23 - Long Sequence Waveform Trial#10 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 79.2             | 18          | 1947.0               | -                    | 0.618072       |
| 2       | 2        | 98.6             | 17          | 1766.0               | -                    | 1.312764       |
| 3       | 1        | 59.3             | 10          | -                    | -                    | 1.902872       |
| 4       | 2        | 72.9             | 19          | 1833.0               | -                    | 2.029874       |
| 5       | 1        | 85.5             | 20          | -                    | -                    | 3.238982       |
| 6       | 2        | 72.2             | 9           | 1717.0               | -                    | 3.855238       |
| 7       | 1        | 91.3             | 14          | -                    | -                    | 4.541253       |
| 8       | 3        | 56.0             | 9           | 1179.0               | 1378.0               | 4.786592       |
| 9       | 3        | 50.1             | 8           | 1848.0               | 1583.0               | 5.473890       |
| 10      | 3        | 73.1             | 9           | 1286.0               | 1252.0               | 6.423256       |
| 11      | 3        | 84.9             | 7           | 1249.0               | 1241.0               | 6.973772       |
| 12      | 1        | 60.3             | 6           | -                    | -                    | 7.477692       |
| 13      | 1        | 93.4             | 12          | -                    | -                    | 8.635585       |
| 14      | 2        | 55.6             | 15          | 1940.0               | -                    | 9.229121       |
| 15      | 1        | 53.9             | 16          | -                    | -                    | 9.872761       |
| 16      | 2        | 94.8             | 18          | 1422.0               | -                    | 10.369746      |
| 17      | 2        | 50.9             | 12          | 1660.0               | -                    | 10.889720      |
| 18      | 2        | 97.2             | 10          | 1628.0               | -                    | 11.955818      |

**Table 24 - Long Sequence Waveform Trial#11 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 97.9             | 8           | 1735.0               | -                    | 1.067147       |
| 2       | 1        | 68.7             | 18          | -                    | -                    | 1.595032       |
| 3       | 1        | 93.1             | 18          | -                    | -                    | 3.113876       |
| 4       | 3        | 55.1             | 6           | 1323.0               | 1796.0               | 4.107534       |
| 5       | 3        | 78.5             | 18          | 1054.0               | 1253.0               | 4.964910       |
| 6       | 3        | 79.2             | 12          | 1869.0               | 1289.0               | 6.819954       |
| 7       | 1        | 75.1             | 10          | -                    | -                    | 7.444113       |
| 8       | 2        | 55.5             | 11          | 1267.0               | -                    | 9.064726       |
| 9       | 1        | 72.2             | 16          | -                    | -                    | 10.228630      |
| 10      | 3        | 69.2             | 7           | 1547.0               | 1446.0               | 11.541647      |

**Table 25 - Long Sequence Waveform Trial#12 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 51.9             | 16          | 1620.0               | -                    | 1.045711       |
| 2       | 3        | 51.7             | 13          | 1328.0               | 1049.0               | 2.228276       |
| 3       | 1        | 90.0             | 7           | -                    | -                    | 2.831417       |
| 4       | 2        | 64.7             | 10          | 1134.0               | -                    | 4.583185       |
| 5       | 2        | 90.3             | 17          | 1249.0               | -                    | 5.250782       |
| 6       | 1        | 51.4             | 15          | -                    | -                    | 7.076260       |
| 7       | 2        | 63.2             | 20          | 1343.0               | -                    | 7.210709       |
| 8       | 2        | 90.8             | 17          | 1504.0               | -                    | 8.718389       |
| 9       | 2        | 92.3             | 8           | 1714.0               | -                    | 9.854264       |
| 10      | 2        | 82.0             | 7           | 1731.0               | -                    | 11.817206      |

**Table 26 - Long Sequence Waveform Trial#13 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 51.5             | 12          | 1005.0               | -                    | 0.086031       |
| 2       | 3        | 69.1             | 16          | 1683.0               | 1824.0               | 0.984114       |
| 3       | 1        | 60.6             | 15          | -                    | -                    | 1.979690       |
| 4       | 2        | 59.1             | 10          | 1497.0               | -                    | 2.689720       |
| 5       | 3        | 57.1             | 18          | 1292.0               | 1194.0               | 2.888988       |
| 6       | 2        | 51.0             | 9           | 1288.0               | -                    | 4.184845       |
| 7       | 1        | 70.7             | 19          | -                    | -                    | 4.840065       |
| 8       | 2        | 82.6             | 17          | 1218.0               | -                    | 5.385693       |
| 9       | 3        | 68.0             | 5           | 1757.0               | 1318.0               | 5.886435       |
| 10      | 2        | 56.6             | 19          | 1725.0               | -                    | 7.050655       |
| 11      | 1        | 94.9             | 5           | -                    | -                    | 7.515114       |
| 12      | 1        | 98.2             | 18          | -                    | -                    | 8.425367       |
| 13      | 3        | 84.5             | 6           | 1817.0               | 1989.0               | 8.743121       |
| 14      | 2        | 57.9             | 15          | 1827.0               | -                    | 9.355965       |
| 15      | 2        | 96.4             | 9           | 1856.0               | -                    | 10.509258      |
| 16      | 1        | 80.6             | 13          | -                    | -                    | 11.133072      |
| 17      | 2        | 53.5             | 10          | 1616.0               | -                    | 11.608295      |

**Table 27 - Long Sequence Waveform Trial#14 (NOT Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 68.2             | 13          | 1062.0               | 1887.0               | 0.237368       |
| 2       | 2        | 52.0             | 5           | 1350.0               | -                    | 2.144146       |
| 3       | 3        | 90.3             | 19          | 1861.0               | 1243.0               | 2.840120       |
| 4       | 2        | 87.4             | 16          | 1393.0               | -                    | 4.127885       |
| 5       | 1        | 85.2             | 16          | -                    | -                    | 6.477575       |
| 6       | 3        | 64.0             | 13          | 1134.0               | 1443.0               | 6.722703       |
| 7       | 2        | 89.4             | 14          | 1608.0               | -                    | 8.261979       |
| 8       | 2        | 99.3             | 12          | 1032.0               | -                    | 9.645251       |
| 9       | 2        | 92.7             | 10          | 1381.0               | -                    | 11.653729      |

**Table 28 - Long Sequence Waveform Trial#15 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 99.9             | 14          | 1620.0               | -                    | 0.393244       |
| 2       | 2        | 83.5             | 15          | 1555.0               | -                    | 1.060567       |
| 3       | 2        | 53.8             | 17          | 1502.0               | -                    | 1.738228       |
| 4       | 2        | 94.4             | 19          | 1450.0               | -                    | 2.292863       |
| 5       | 1        | 59.3             | 10          | -                    | -                    | 2.849788       |
| 6       | 3        | 87.0             | 15          | 1288.0               | 1080.0               | 3.794326       |
| 7       | 2        | 70.6             | 9           | 1580.0               | -                    | 4.673422       |
| 8       | 3        | 61.5             | 14          | 1222.0               | 1624.0               | 4.985251       |
| 9       | 1        | 72.4             | 17          | -                    | -                    | 6.189987       |
| 10      | 1        | 87.5             | 14          | -                    | -                    | 6.891317       |
| 11      | 1        | 71.3             | 17          | -                    | -                    | 7.465975       |
| 12      | 3        | 100.0            | 10          | 1067.0               | 1745.0               | 8.446545       |
| 13      | 3        | 60.2             | 15          | 1509.0               | 1685.0               | 8.698049       |
| 14      | 2        | 99.0             | 17          | 1549.0               | -                    | 9.733445       |
| 15      | 3        | 58.4             | 11          | 1607.0               | 1836.0               | 9.884217       |
| 16      | 1        | 57.1             | 8           | -                    | -                    | 10.877579      |
| 17      | 1        | 74.8             | 17          | -                    | -                    | 11.441807      |

**Table 29 - Long Sequence Waveform Trial#16 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 71.5             | 13          | 1298.0               | 1265.0               | 0.171564       |
| 2       | 2        | 65.1             | 15          | 1934.0               | -                    | 1.110962       |
| 3       | 2        | 78.1             | 19          | 1153.0               | -                    | 1.439028       |
| 4       | 2        | 62.9             | 6           | 1202.0               | -                    | 2.455768       |
| 5       | 2        | 97.5             | 13          | 1337.0               | -                    | 2.702843       |
| 6       | 2        | 93.6             | 8           | 1341.0               | -                    | 3.787712       |
| 7       | 3        | 87.8             | 20          | 1130.0               | 1715.0               | 3.953737       |
| 8       | 2        | 99.1             | 18          | 1252.0               | -                    | 4.956801       |
| 9       | 2        | 58.6             | 15          | 1213.0               | -                    | 5.559867       |
| 10      | 3        | 93.9             | 13          | 1995.0               | 1224.0               | 6.123116       |
| 11      | 2        | 57.9             | 11          | 1901.0               | -                    | 6.427793       |
| 12      | 3        | 65.9             | 19          | 1562.0               | 1110.0               | 7.507546       |
| 13      | 2        | 80.3             | 8           | 1850.0               | -                    | 8.167448       |
| 14      | 3        | 54.3             | 11          | 1971.0               | 1816.0               | 8.454826       |
| 15      | 3        | 91.7             | 8           | 1196.0               | 1085.0               | 8.889059       |
| 16      | 2        | 97.3             | 15          | 1448.0               | -                    | 9.831471       |
| 17      | 2        | 57.1             | 16          | 1302.0               | -                    | 10.565952      |
| 18      | 1        | 51.1             | 10          | -                    | -                    | 11.015526      |
| 19      | 2        | 70.9             | 20          | 1556.0               | -                    | 11.625608      |

**Table 30 - Long Sequence Waveform Trial#17 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 73.2             | 5           | 1770.0               | -                    | 1.118375       |
| 2       | 3        | 61.6             | 15          | 1689.0               | 1662.0               | 2.315707       |
| 3       | 1        | 72.6             | 8           | -                    | -                    | 3.519924       |
| 4       | 2        | 57.6             | 13          | 1676.0               | -                    | 4.686465       |
| 5       | 3        | 96.1             | 15          | 1162.0               | 1539.0               | 6.277128       |
| 6       | 2        | 67.6             | 10          | 1102.0               | -                    | 8.152773       |
| 7       | 2        | 73.0             | 10          | 1573.0               | -                    | 9.000996       |
| 8       | 2        | 60.0             | 8           | 1799.0               | -                    | 10.701080      |

**Table 31 - Long Sequence Waveform Trial#18 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 84.0             | 15          | 1657.0               | 1534.0               | 0.615375       |
| 2       | 1        | 55.7             | 11          | -                    | -                    | 1.846402       |
| 3       | 2        | 62.3             | 6           | 1982.0               | -                    | 3.457357       |
| 4       | 2        | 94.1             | 15          | 1465.0               | -                    | 4.765906       |
| 5       | 2        | 52.0             | 11          | 1855.0               | -                    | 5.298750       |
| 6       | 3        | 62.6             | 13          | 1918.0               | 1236.0               | 7.133663       |
| 7       | 3        | 77.0             | 6           | 1864.0               | 1965.0               | 7.581591       |
| 8       | 1        | 89.9             | 7           | -                    | -                    | 9.369291       |
| 9       | 1        | 85.2             | 16          | -                    | -                    | 10.499446      |
| 10      | 1        | 87.7             | 8           | -                    | -                    | 11.193247      |

**Table 32 - Long Sequence Waveform Trial#19 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 63.9             | 10          | 1492.0               | -                    | 0.659540       |
| 2       | 1        | 53.6             | 8           | -                    | -                    | 1.379383       |
| 3       | 2        | 51.4             | 6           | 1001.0               | -                    | 2.318931       |
| 4       | 3        | 77.6             | 8           | 1370.0               | 1567.0               | 2.704391       |
| 5       | 1        | 75.1             | 16          | -                    | -                    | 3.920317       |
| 6       | 2        | 60.5             | 15          | 1786.0               | -                    | 4.756019       |
| 7       | 3        | 75.7             | 12          | 1737.0               | 1098.0               | 5.489652       |
| 8       | 2        | 95.8             | 15          | 1999.0               | -                    | 6.278344       |
| 9       | 2        | 99.7             | 15          | 1410.0               | -                    | 7.039748       |
| 10      | 1        | 60.7             | 10          | -                    | -                    | 7.626306       |
| 11      | 3        | 78.5             | 7           | 1011.0               | 1136.0               | 8.360044       |
| 12      | 1        | 61.2             | 8           | -                    | -                    | 9.090521       |
| 13      | 1        | 57.1             | 6           | -                    | -                    | 9.808164       |
| 14      | 1        | 91.6             | 11          | -                    | -                    | 10.846852      |
| 15      | 2        | 73.8             | 17          | 1606.0               | -                    | 11.841411      |

**Table 33 - Long Sequence Waveform Trial#20 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 73.7             | 13          | 1076.0               | -                    | 1.405315       |
| 2       | 3        | 57.2             | 6           | 1409.0               | 1916.0               | 1.705901       |
| 3       | 1        | 73.7             | 8           | -                    | -                    | 3.528397       |
| 4       | 1        | 70.7             | 17          | -                    | -                    | 5.020775       |
| 5       | 2        | 54.5             | 5           | 1219.0               | -                    | 6.135659       |
| 6       | 1        | 92.0             | 12          | -                    | -                    | 8.926472       |
| 7       | 1        | 71.8             | 5           | -                    | -                    | 10.169465      |
| 8       | 1        | 50.4             | 6           | -                    | -                    | 10.811566      |

**Table 34 - Long Sequence Waveform Trial#21 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 77.3             | 15          | -                    | -                    | 0.397638       |
| 2       | 2        | 51.0             | 14          | 1345.0               | -                    | 1.140032       |
| 3       | 2        | 69.5             | 6           | 1206.0               | -                    | 1.647937       |
| 4       | 1        | 54.1             | 16          | -                    | -                    | 2.513095       |
| 5       | 3        | 74.3             | 10          | 1589.0               | 1656.0               | 3.283851       |
| 6       | 1        | 92.8             | 11          | -                    | -                    | 3.359496       |
| 7       | 1        | 63.5             | 5           | -                    | -                    | 4.564433       |
| 8       | 1        | 58.4             | 19          | -                    | -                    | 5.289968       |
| 9       | 1        | 82.6             | 16          | -                    | -                    | 5.719520       |
| 10      | 3        | 62.4             | 9           | 1012.0               | 1150.0               | 6.230117       |
| 11      | 2        | 82.1             | 13          | 1961.0               | -                    | 7.179494       |
| 12      | 2        | 61.4             | 16          | 1586.0               | -                    | 7.958218       |
| 13      | 2        | 89.0             | 5           | 1036.0               | -                    | 8.164638       |
| 14      | 2        | 69.0             | 17          | 1565.0               | -                    | 9.063393       |
| 15      | 3        | 73.4             | 11          | 1481.0               | 1671.0               | 9.932964       |
| 16      | 2        | 85.9             | 19          | 1822.0               | -                    | 10.553784      |
| 17      | 2        | 73.9             | 18          | 1367.0               | -                    | 10.677102      |
| 18      | 2        | 98.0             | 6           | 1138.0               | -                    | 11.786957      |

**Table 35 - Long Sequence Waveform Trial#22 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 64.6             | 11          | 1758.0               | 1398.0               | 0.544069       |
| 2       | 3        | 61.8             | 15          | 1330.0               | 1216.0               | 0.682076       |
| 3       | 3        | 72.9             | 14          | 1250.0               | 1332.0               | 1.890147       |
| 4       | 1        | 63.8             | 7           | -                    | -                    | 2.269168       |
| 5       | 2        | 94.3             | 15          | 1661.0               | -                    | 3.277444       |
| 6       | 3        | 69.0             | 5           | 1466.0               | 1964.0               | 3.579705       |
| 7       | 2        | 58.2             | 10          | 1764.0               | -                    | 4.223854       |
| 8       | 1        | 91.6             | 20          | -                    | -                    | 5.246301       |
| 9       | 1        | 90.9             | 11          | -                    | -                    | 5.827178       |
| 10      | 1        | 88.0             | 19          | -                    | -                    | 6.622622       |
| 11      | 3        | 77.5             | 16          | 1347.0               | 1400.0               | 7.251169       |
| 12      | 2        | 67.7             | 7           | 1379.0               | -                    | 7.789523       |
| 13      | 2        | 79.8             | 6           | 1921.0               | -                    | 8.616804       |
| 14      | 2        | 74.8             | 14          | 1930.0               | -                    | 8.972320       |
| 15      | 2        | 96.3             | 16          | 1741.0               | -                    | 9.387772       |
| 16      | 1        | 67.8             | 16          | -                    | -                    | 10.300792      |
| 17      | 2        | 53.5             | 14          | 1822.0               | -                    | 10.953725      |
| 18      | 2        | 50.0             | 16          | 1736.0               | -                    | 11.790716      |

**Table 36 - Long Sequence Waveform Trial#23 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 95.3             | 18          | 1455.0               | -                    | 0.795460       |
| 2       | 2        | 62.9             | 8           | 1184.0               | -                    | 1.009342       |
| 3       | 1        | 89.1             | 11          | -                    | -                    | 1.946882       |
| 4       | 3        | 55.3             | 16          | 1232.0               | 1359.0               | 2.719644       |
| 5       | 2        | 65.8             | 15          | 1443.0               | -                    | 3.553780       |
| 6       | 2        | 54.3             | 12          | 1118.0               | -                    | 4.398234       |
| 7       | 2        | 88.9             | 13          | 1630.0               | -                    | 5.561697       |
| 8       | 1        | 80.5             | 16          | -                    | -                    | 6.236100       |
| 9       | 2        | 79.4             | 17          | 1767.0               | -                    | 6.482419       |
| 10      | 3        | 51.7             | 17          | 1819.0               | 1457.0               | 7.453529       |
| 11      | 2        | 56.1             | 9           | 1502.0               | -                    | 8.450775       |
| 12      | 2        | 98.1             | 19          | 1686.0               | -                    | 9.552802       |
| 13      | 2        | 50.5             | 8           | 1479.0               | -                    | 10.339276      |
| 14      | 2        | 70.1             | 18          | 1289.0               | -                    | 10.851445      |
| 15      | 2        | 91.0             | 14          | 1602.0               | -                    | 11.232489      |

**Table 37 - Long Sequence Waveform Trial#24 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 63.9             | 19          | -                    | -                    | 0.338733       |
| 2       | 2        | 77.6             | 5           | 1840.0               | -                    | 0.679839       |
| 3       | 2        | 98.5             | 12          | 1997.0               | -                    | 1.267944       |
| 4       | 1        | 99.6             | 14          | -                    | -                    | 2.352397       |
| 5       | 2        | 53.3             | 16          | 1730.0               | -                    | 2.885241       |
| 6       | 2        | 66.0             | 10          | 1658.0               | -                    | 3.211548       |
| 7       | 2        | 88.2             | 18          | 1500.0               | -                    | 3.814970       |
| 8       | 3        | 87.3             | 7           | 1086.0               | 1030.0               | 4.953471       |
| 9       | 1        | 65.5             | 12          | -                    | -                    | 5.542783       |
| 10      | 2        | 81.6             | 15          | 1206.0               | -                    | 5.944300       |
| 11      | 1        | 69.4             | 18          | -                    | -                    | 6.527789       |
| 12      | 1        | 97.6             | 6           | -                    | -                    | 7.116438       |
| 13      | 2        | 76.8             | 18          | 1397.0               | -                    | 7.640885       |
| 14      | 1        | 61.1             | 14          | -                    | -                    | 8.615035       |
| 15      | 1        | 92.6             | 15          | -                    | -                    | 9.224481       |
| 16      | 2        | 86.4             | 14          | 1405.0               | -                    | 9.673967       |
| 17      | 1        | 72.8             | 18          | -                    | -                    | 10.486011      |
| 18      | 1        | 95.8             | 6           | -                    | -                    | 10.874553      |
| 19      | 1        | 53.0             | 20          | -                    | -                    | 11.781696      |

**Table 38 - Long Sequence Waveform Trial#25 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 97.9             | 17          | -                    | -                    | 0.265167       |
| 2       | 1        | 82.4             | 14          | -                    | -                    | 0.630013       |
| 3       | 2        | 70.2             | 7           | 1180.0               | -                    | 1.726788       |
| 4       | 1        | 68.3             | 19          | -                    | -                    | 2.256674       |
| 5       | 3        | 85.3             | 10          | 1779.0               | 1288.0               | 2.838273       |
| 6       | 1        | 80.2             | 15          | -                    | -                    | 3.208140       |
| 7       | 3        | 82.2             | 7           | 1018.0               | 1079.0               | 3.772695       |
| 8       | 2        | 66.1             | 11          | 1891.0               | -                    | 4.401168       |
| 9       | 3        | 66.0             | 19          | 1317.0               | 1439.0               | 5.306092       |
| 10      | 2        | 74.6             | 6           | 1326.0               | -                    | 5.714845       |
| 11      | 3        | 59.6             | 13          | 1183.0               | 1510.0               | 6.241986       |
| 12      | 2        | 99.8             | 20          | 1397.0               | -                    | 7.076475       |
| 13      | 2        | 60.9             | 7           | 1625.0               | -                    | 7.563467       |
| 14      | 1        | 77.7             | 10          | -                    | -                    | 8.326813       |
| 15      | 2        | 91.8             | 19          | 1912.0               | -                    | 8.593420       |
| 16      | 2        | 63.0             | 11          | 1089.0               | -                    | 9.159132       |
| 17      | 2        | 79.1             | 7           | 1328.0               | -                    | 10.041787      |
| 18      | 2        | 60.6             | 6           | 1688.0               | -                    | 10.780756      |
| 19      | 2        | 50.3             | 8           | 1099.0               | -                    | 11.320776      |
| 20      | 2        | 87.8             | 10          | 1833.0               | -                    | 11.857453      |

**Table 39 - Long Sequence Waveform Trial#26 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 73.2             | 14          | 1349.0               | -                    | 0.429781       |
| 2       | 1        | 61.7             | 8           | -                    | -                    | 1.407526       |
| 3       | 3        | 50.4             | 7           | 1814.0               | 1224.0               | 2.004549       |
| 4       | 2        | 82.4             | 6           | 1082.0               | -                    | 2.460149       |
| 5       | 2        | 76.7             | 9           | 1742.0               | -                    | 3.742637       |
| 6       | 3        | 74.6             | 11          | 1976.0               | 1464.0               | 4.048007       |
| 7       | 3        | 61.4             | 19          | 1909.0               | 1959.0               | 4.753851       |
| 8       | 3        | 87.7             | 7           | 1170.0               | 1226.0               | 5.304883       |
| 9       | 2        | 93.3             | 6           | 1431.0               | -                    | 6.135662       |
| 10      | 1        | 92.7             | 14          | -                    | -                    | 7.091049       |
| 11      | 1        | 74.2             | 5           | -                    | -                    | 7.511065       |
| 12      | 2        | 80.5             | 17          | 1784.0               | -                    | 8.684155       |
| 13      | 2        | 62.0             | 10          | 1876.0               | -                    | 9.641490       |
| 14      | 1        | 70.6             | 10          | -                    | -                    | 10.152375      |
| 15      | 3        | 73.7             | 11          | 1119.0               | 1126.0               | 10.910599      |
| 16      | 2        | 54.8             | 14          | 1310.0               | -                    | 11.503330      |

**Table 40 - Long Sequence Waveform Trial#27 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 99.9             | 14          | 1675.0               | 1542.0               | 0.010550       |
| 2       | 3        | 59.9             | 6           | 1146.0               | 1069.0               | 0.865511       |
| 3       | 2        | 59.5             | 17          | 1051.0               | -                    | 1.428035       |
| 4       | 2        | 92.8             | 7           | 1555.0               | -                    | 2.164153       |
| 5       | 2        | 84.8             | 18          | 1431.0               | -                    | 3.061691       |
| 6       | 2        | 99.1             | 9           | 1799.0               | -                    | 3.657845       |
| 7       | 3        | 91.5             | 19          | 1756.0               | 1275.0               | 4.265298       |
| 8       | 2        | 81.5             | 16          | 1987.0               | -                    | 4.641363       |
| 9       | 2        | 85.2             | 8           | 1962.0               | -                    | 5.640758       |
| 10      | 1        | 73.1             | 6           | -                    | -                    | 6.207397       |
| 11      | 2        | 58.9             | 18          | 1070.0               | -                    | 6.540826       |
| 12      | 2        | 68.4             | 12          | 1547.0               | -                    | 7.199750       |
| 13      | 2        | 81.0             | 14          | 1690.0               | -                    | 7.929545       |
| 14      | 2        | 51.9             | 13          | 1185.0               | -                    | 8.384143       |
| 15      | 1        | 74.8             | 15          | -                    | -                    | 9.077671       |
| 16      | 2        | 95.3             | 8           | 1743.0               | -                    | 9.926949       |
| 17      | 1        | 74.4             | 18          | -                    | -                    | 10.267605      |
| 18      | 3        | 86.9             | 8           | 1576.0               | 1847.0               | 11.252905      |
| 19      | 2        | 64.8             | 14          | 1689.0               | -                    | 11.958364      |

**Table 41 - Long Sequence Waveform Trial#28 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 61.6             | 10          | 1412.0               | -                    | 0.251523       |
| 2       | 2        | 82.3             | 15          | 1158.0               | -                    | 1.332258       |
| 3       | 3        | 77.0             | 13          | 1327.0               | 1885.0               | 2.188120       |
| 4       | 2        | 69.4             | 6           | 1724.0               | -                    | 3.591781       |
| 5       | 2        | 72.5             | 12          | 1710.0               | -                    | 4.185186       |
| 6       | 1        | 54.3             | 15          | -                    | -                    | 4.617384       |
| 7       | 2        | 77.3             | 7           | 1874.0               | -                    | 5.538679       |
| 8       | 2        | 67.8             | 19          | 1662.0               | -                    | 7.223633       |
| 9       | 3        | 70.3             | 5           | 1712.0               | 1175.0               | 7.550049       |
| 10      | 2        | 61.6             | 10          | 1559.0               | -                    | 9.210190       |
| 11      | 2        | 74.8             | 7           | 1046.0               | -                    | 10.142026      |
| 12      | 2        | 59.1             | 12          | 1664.0               | -                    | 10.729228      |
| 13      | 1        | 62.5             | 20          | -                    | -                    | 11.247100      |

**Table 42 - Long Sequence Waveform Trial#29 (Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 76.9             | 14          | 1351.0               | -                    | 0.584756       |
| 2       | 1        | 89.4             | 10          | -                    | -                    | 1.820579       |
| 3       | 1        | 90.8             | 20          | -                    | -                    | 4.356517       |
| 4       | 1        | 78.9             | 12          | -                    | -                    | 5.226322       |
| 5       | 1        | 94.6             | 13          | -                    | -                    | 6.886211       |
| 6       | 1        | 92.8             | 20          | -                    | -                    | 7.515470       |
| 7       | 3        | 71.7             | 7           | 1552.0               | 1563.0               | 9.737690       |
| 8       | 1        | 51.9             | 18          | -                    | -                    | 11.257633      |

**Table 43 - Long Sequence Waveform Trial#30 (NOT Detected) 802.11n20**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 78.4             | 13          | 1440.0               | 1731.0               | 0.226434       |
| 2       | 2        | 52.8             | 18          | 1616.0               | -                    | 0.747017       |
| 3       | 3        | 53.4             | 15          | 1437.0               | 1374.0               | 1.391738       |
| 4       | 2        | 82.5             | 7           | 1357.0               | -                    | 2.478469       |
| 5       | 2        | 86.1             | 8           | 1878.0               | -                    | 2.952135       |
| 6       | 1        | 64.1             | 17          | -                    | -                    | 3.595200       |
| 7       | 2        | 84.6             | 7           | 1025.0               | -                    | 4.496108       |
| 8       | 1        | 69.5             | 11          | -                    | -                    | 4.835042       |
| 9       | 1        | 93.9             | 7           | -                    | -                    | 5.345998       |
| 10      | 1        | 52.1             | 12          | -                    | -                    | 6.555670       |
| 11      | 1        | 72.6             | 6           | -                    | -                    | 6.732984       |
| 12      | 3        | 88.4             | 9           | 1234.0               | 1938.0               | 7.362641       |
| 13      | 3        | 54.2             | 14          | 1326.0               | 1275.0               | 8.328875       |
| 14      | 3        | 77.4             | 14          | 1541.0               | 1278.0               | 8.755324       |
| 15      | 2        | 62.3             | 8           | 1432.0               | -                    | 9.920217       |
| 16      | 1        | 74.0             | 16          | -                    | -                    | 10.195244      |
| 17      | 3        | 51.1             | 6           | 1254.0               | 1436.0               | 10.846717      |
| 18      | 1        | 65.0             | 7           | -                    | -                    | 11.810260      |

| Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20 |                  |                     |          |          |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trial #                                                           | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1                                                                 | 9                | 1.0                 | 333.0    | Yes      | 5508.0MHz,<br>-64.0dBm      | Hop sequence: 5583, 5620, 5628, 5340, 5373, 5591, 5533, 5517, 5681, 5287, 5486, 5605, 5568, 5668, 5313, 5489, 5256, 5506, 5346, 5572, 5343, 5274, 5326, 5613, 5358, 5314, 5406, 5385, 5454, 5590, 5702, 5492, 5276, 5281, 5349, 5676, 5500, 5295, 5502, 5355, 5254, 5498, 5315, 5386, 5624, 5631, 5598, 5638, 5662, 5673, 5322, 5387, 5271, 5660, 5273, 5484, 5573, 5493, 5378, 5721, 5435, 5341, 5531, 5488, 5642, 5411, 5337, 5710, 5306, 5671, 5564, 5682, 5513, 5683, 5687, 5614, 5622, 5394, 5426, 5716, 5439, 5602, 5653, 5451, 5368, 5558, 5267, 5575, 5559, 5522, 5353, 5323, 5293, 5431, 5655, 5562, 5578, 5372, 5336, 5692 (6 hits) (04/04/2016 04:06:14 PM) |
| 2                                                                 | 9                | 1.0                 | 333.0    | Yes      | 5508.9MHz,<br>-64.0dBm      | Hop sequence: 5721, 5534, 5706, 5475, 5540, 5323, 5565, 5262, 5306, 5403, 5563, 5669, 5394, 5496, 5266, 5492, 5307, 5649, 5473, 5535, 5280, 5495, 5593, 5296, 5639, 5413, 5274, 5410, 5377, 5554, 5663, 5545, 5459, 5536, 5566, 5338, 5612, 5504, 5400, 5362, 5662, 5606, 5498, 5537, 5654, 5619, 5260, 5630, 5672, 5388, 5487, 5584, 5480, 5322, 5383, 5684, 5342, 5512, 5640, 5591, 5520, 5539, 5538, 5626, 5308, 5543, 5442, 5287, 5301, 5676, 5343, 5398, 5559, 5265, 5457, 5605, 5528, 5558, 5253, 5568, 5378, 5722, 5379, 5370, 5597, 5443, 5587, 5360, 5261, 5339, 5522, 5595, 5317, 5477, 5366, 5352, 5458, 5508, 5332, 5629 (6 hits) (04/04/2016 04:06:30 PM) |
| 3                                                                 | 9                | 1.0                 | 333.0    | Yes      | 5491.1MHz,<br>-64.0dBm      | Hop sequence: 5644, 5280, 5624, 5702, 5614, 5459, 5549, 5573, 5392, 5680, 5444, 5554, 5467, 5635, 5460, 5580, 5453, 5439, 5651, 5358, 5278, 5359, 5329, 5586, 5264, 5281, 5587, 5584, 5441, 5387, 5671, 5652, 5289, 5396, 5476, 5509, 5694, 5416, 5352, 5696, 5345, 5481, 5669, 5560, 5424, 5452, 5475, 5610,                                                                                                                                                                                                                                                                                                                                                          |

**Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5613, 5287, 5397, 5603, 5508, 5470, 5383, 5295, 5657, 5259, 5583, 5533, 5451, 5260, 5623, 5298, 5514, 5293, 5563, 5472, 5321, 5537, 5421, 5562, 5350, 5706, 5450, 5463, 5437, 5697, 5255, 5501, 5447, 5535, 5689, 5704, 5268, 5686, 5433, 5675, 5489, 5528, 5536, 5705, 5478, 5600, 5311, 5664, 5616, 5674, 5523, 5432 (2 hits) (04/04/2016 04:06:44 PM)                                                                                                                                                                                                                                                                                                               |
| 4       | 9                | 1.0                 | 333.0    | Yes      | 5492.1MHz,<br>-64.0dBm      | Hop sequence: 5391, 5524, 5307, 5377, 5319, 5654, 5546, 5333, 5554, 5528, 5575, 5587, 5425, 5370, 5412, 5632, 5430, 5710, 5383, 5318, 5441, 5641, 5661, 5660, 5364, 5272, 5520, 5276, 5450, 5394, 5365, 5327, 5526, 5506, 5645, 5563, 5362, 5315, 5359, 5722, 5274, 5700, 5692, 5560, 5545, 5604, 5583, 5695, 5290, 5454, 5689, 5558, 5611, 5325, 5316, 5556, 5358, 5625, 5659, 5414, 5500, 5658, 5294, 5539, 5562, 5281, 5482, 5444, 5374, 5458, 5305, 5273, 5379, 5402, 5382, 5470, 5717, 5428, 5336, 5268, 5369, 5344, 5623, 5592, 5262, 5668, 5459, 5581, 5676, 5282, 5398, 5634, 5533, 5616, 5538, 5527, 5655, 5512, 5484, 5670 (2 hits) (04/04/2016 04:06:59 PM) |
| 5       | 9                | 1.0                 | 333.0    | Yes      | 5493.1MHz,<br>-64.0dBm      | Hop sequence: 5587, 5648, 5482, 5391, 5426, 5277, 5547, 5434, 5534, 5500, 5467, 5562, 5494, 5379, 5381, 5353, 5251, 5260, 5336, 5323, 5429, 5284, 5583, 5581, 5555, 5476, 5585, 5521, 5584, 5566, 5520, 5266, 5335, 5515, 5478, 5363, 5553, 5316, 5446, 5498, 5691, 5412, 5596, 5725, 5443, 5704, 5280, 5708, 5303, 5674, 5506, 5573, 5288, 5283, 5657, 5279, 5595, 5308, 5485, 5580, 5281, 5362, 5502, 5649, 5395, 5699, 5423, 5439, 5551, 5716, 5479, 5417, 5667, 5539, 5713, 5427, 5310, 5359, 5675, 5723, 5639, 5298, 5474, 5368, 5668, 5378, 5457, 5637, 5614, 5507, 5452, 5390, 5324, 5450, 5632, 5495, 5275, 5724, 5441, 5591 (7 hits) (04/04/2016              |

**Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|------------------|---------------------|----------|----------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 04:07:15 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 6       | 9                | 1.0                 | 333.0    | Yes      | 5494.1MHz,<br>-64.0dBm      | Hop sequence: 5681, 5679, 5253,<br>5640, 5690, 5308, 5655, 5648,<br>5561, 5651, 5624, 5686, 5637,<br>5326, 5256, 5524, 5397, 5523,<br>5309, 5540, 5660, 5412, 5343,<br>5503, 5493, 5361, 5628, 5455,<br>5633, 5558, 5689, 5281, 5330,<br>5382, 5335, 5539, 5577, 5267,<br>5645, 5444, 5313, 5516, 5623,<br>5339, 5582, 5716, 5636, 5570,<br>5646, 5692, 5295, 5484, 5426,<br>5675, 5304, 5608, 5372, 5693,<br>5709, 5452, 5612, 5384, 5602,<br>5704, 5707, 5643, 5398, 5266,<br>5589, 5696, 5543, 5374, 5460,<br>5557, 5515, 5440, 5434, 5613,<br>5647, 5410, 5428, 5538, 5371,<br>5672, 5669, 5603, 5464, 5510,<br>5290, 5338, 5403, 5425, 5316,<br>5332, 5320, 5431, 5571, 5573,<br>5483, 5377 (2 hits) (04/04/2016<br>04:07:30 PM) |
| 7       | 9                | 1.0                 | 333.0    | Yes      | 5495.1MHz,<br>-64.0dBm      | Hop sequence: 5607, 5531, 5460,<br>5425, 5467, 5560, 5403, 5725,<br>5603, 5564, 5447, 5405, 5347,<br>5684, 5584, 5548, 5412, 5636,<br>5316, 5721, 5498, 5522, 5386,<br>5302, 5587, 5402, 5265, 5349,<br>5382, 5621, 5274, 5502, 5595,<br>5472, 5470, 5356, 5514, 5462,<br>5583, 5691, 5606, 5528, 5671,<br>5489, 5675, 5299, 5677, 5648,<br>5438, 5563, 5581, 5441, 5513,<br>5380, 5631, 5529, 5394, 5283,<br>5686, 5582, 5682, 5480, 5396,<br>5390, 5298, 5366, 5550, 5335,<br>5517, 5719, 5645, 5339, 5410,<br>5692, 5397, 5465, 5534, 5676,<br>5711, 5350, 5661, 5575, 5343,<br>5674, 5652, 5257, 5415, 5557,<br>5368, 5672, 5266, 5275, 5530,<br>5301, 5321, 5305, 5712, 5344,<br>5259, 5322 (2 hits) (04/04/2016<br>04:07:44 PM) |
| 8       | 9                | 1.0                 | 333.0    | Yes      | 5496.1MHz,<br>-64.0dBm      | Hop sequence: 5535, 5409, 5559,<br>5557, 5603, 5388, 5267, 5552,<br>5415, 5566, 5258, 5539, 5617,<br>5411, 5462, 5725, 5277, 5484,<br>5623, 5703, 5374, 5289, 5414,<br>5447, 5662, 5609, 5542, 5337,<br>5593, 5573, 5437, 5412, 5287,<br>5495, 5700, 5696, 5284, 5485,<br>5326, 5276, 5670, 5366, 5335,<br>5440, 5400, 5681, 5555, 5490,                                                                                                                                                                                                                                                                                                                                                                                              |

**Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5631, 5629, 5606, 5561, 5392, 5434, 5363, 5601, 5530, 5680, 5345, 5565, 5596, 5621, 5664, 5531, 5384, 5398, 5288, 5444, 5251, 5482, 5659, 5454, 5435, 5516, 5252, 5472, 5339, 5706, 5508, 5546, 5638, 5446, 5533, 5499, 5641, 5373, 5491, 5294, 5637, 5630, 5501, 5354, 5586, 5538, 5708, 5377, 5517, 5336, 5269, 5558 (4 hits) (04/04/2016 04:07:58 PM)                                                                                                                                                                                                                                                                                                               |
| 9       | 9                | 1.0                 | 333.0    | Yes      | 5497.1MHz,<br>-64.0dBm      | Hop sequence: 5546, 5334, 5383, 5494, 5352, 5506, 5630, 5421, 5510, 5660, 5503, 5565, 5431, 5459, 5726, 5539, 5647, 5710, 5668, 5572, 5588, 5540, 5299, 5596, 5607, 5578, 5410, 5370, 5340, 5400, 5593, 5641, 5470, 5285, 5499, 5513, 5698, 5265, 5677, 5294, 5345, 5590, 5407, 5685, 5336, 5384, 5446, 5348, 5480, 5416, 5382, 5545, 5358, 5365, 5456, 5696, 5300, 5263, 5509, 5486, 5461, 5614, 5702, 5561, 5297, 5269, 5252, 5338, 5319, 5374, 5430, 5280, 5406, 5414, 5697, 5483, 5251, 5575, 5426, 5296, 5534, 5355, 5453, 5711, 5444, 5388, 5331, 5639, 5394, 5655, 5586, 5435, 5650, 5629, 5568, 5308, 5448, 5648, 5427, 5564 (4 hits) (04/04/2016 04:08:12 PM) |
| 10      | 9                | 1.0                 | 333.0    | Yes      | 5498.1MHz,<br>-64.0dBm      | Hop sequence: 5646, 5330, 5408, 5310, 5292, 5608, 5655, 5447, 5344, 5438, 5656, 5347, 5555, 5510, 5676, 5290, 5537, 5481, 5674, 5417, 5575, 5547, 5291, 5636, 5285, 5626, 5394, 5268, 5566, 5589, 5623, 5434, 5558, 5672, 5658, 5522, 5471, 5456, 5526, 5468, 5659, 5710, 5253, 5634, 5402, 5567, 5262, 5259, 5393, 5342, 5465, 5320, 5503, 5507, 5427, 5315, 5435, 5487, 5600, 5399, 5607, 5439, 5707, 5334, 5274, 5482, 5362, 5457, 5709, 5256, 5519, 5411, 5708, 5631, 5584, 5276, 5288, 5664, 5298, 5271, 5594, 5569, 5690, 5337, 5452, 5704, 5474, 5346, 5331, 5617, 5517, 5421, 5363, 5472, 5314, 5561, 5640, 5466, 5367, 5389 (2 hits) (04/04/2016              |

**Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|------------------|---------------------|----------|----------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 04:08:28 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 11      | 9                | 1.0                 | 333.0    | Yes      | 5499.1MHz,<br>-64.0dBm      | Hop sequence: 5486, 5453, 5709,<br>5682, 5262, 5430, 5289, 5327,<br>5314, 5530, 5338, 5589, 5641,<br>5617, 5394, 5658, 5364, 5638,<br>5416, 5497, 5490, 5459, 5634,<br>5508, 5511, 5507, 5275, 5588,<br>5426, 5276, 5267, 5464, 5563,<br>5678, 5443, 5256, 5619, 5601,<br>5717, 5546, 5640, 5488, 5306,<br>5353, 5690, 5442, 5377, 5390,<br>5316, 5587, 5269, 5455, 5671,<br>5698, 5361, 5668, 5383, 5324,<br>5505, 5660, 5385, 5543, 5705,<br>5299, 5538, 5428, 5673, 5549,<br>5393, 5388, 5626, 5685, 5396,<br>5288, 5360, 5688, 5282, 5647,<br>5311, 5437, 5280, 5681, 5708,<br>5604, 5603, 5357, 5629, 5584,<br>5422, 5456, 5578, 5293, 5370,<br>5255, 5391, 5581, 5602, 5512,<br>5666, 5557 (4 hits) (04/04/2016<br>04:08:42 PM) |
| 12      | 9                | 1.0                 | 333.0    | Yes      | 5500.1MHz,<br>-64.0dBm      | Hop sequence: 5520, 5573, 5604,<br>5393, 5404, 5312, 5684, 5313,<br>5479, 5628, 5510, 5278, 5697,<br>5656, 5559, 5262, 5451, 5399,<br>5277, 5718, 5702, 5532, 5546,<br>5608, 5477, 5300, 5712, 5357,<br>5324, 5311, 5599, 5672, 5402,<br>5342, 5637, 5279, 5260, 5430,<br>5501, 5663, 5578, 5683, 5571,<br>5287, 5660, 5595, 5555, 5635,<br>5675, 5340, 5641, 5576, 5495,<br>5302, 5445, 5616, 5681, 5615,<br>5471, 5426, 5664, 5438, 5251,<br>5412, 5669, 5470, 5261, 5360,<br>5385, 5685, 5328, 5405, 5290,<br>5542, 5561, 5458, 5613, 5622,<br>5652, 5325, 5537, 5308, 5574,<br>5258, 5443, 5568, 5528, 5494,<br>5673, 5363, 5588, 5318, 5719,<br>5680, 5476, 5332, 5407, 5566,<br>5708, 5592 (3 hits) (04/04/2016<br>04:08:56 PM) |
| 13      | 9                | 1.0                 | 333.0    | Yes      | 5501.1MHz,<br>-64.0dBm      | Hop sequence: 5398, 5357, 5375,<br>5378, 5624, 5581, 5446, 5428,<br>5377, 5333, 5280, 5285, 5434,<br>5368, 5676, 5354, 5406, 5539,<br>5535, 5528, 5711, 5542, 5623,<br>5710, 5411, 5397, 5494, 5565,<br>5268, 5312, 5699, 5420, 5360,<br>5374, 5373, 5483, 5502, 5618,<br>5325, 5416, 5262, 5662, 5514,<br>5602, 5358, 5372, 5686, 5532,                                                                                                                                                                                                                                                                                                                                                                                              |

**Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5254, 5341, 5286, 5678, 5379, 5361, 5276, 5429, 5508, 5292, 5275, 5605, 5495, 5329, 5283, 5441, 5447, 5393, 5529, 5356, 5436, 5466, 5451, 5683, 5322, 5450, 5294, 5545, 5308, 5465, 5392, 5658, 5694, 5337, 5479, 5523, 5636, 5554, 5533, 5625, 5682, 5603, 5344, 5715, 5264, 5431, 5328, 5585, 5458, 5272, 5419, 5519 (4 hits) (04/04/2016 04:09:11 PM)                                                                                                                                                                                                                                                                                                               |
| 14      | 9                | 1.0                 | 333.0    | Yes      | 5502.1MHz,<br>-64.0dBm      | Hop sequence: 5496, 5650, 5664, 5272, 5450, 5568, 5680, 5692, 5536, 5667, 5585, 5433, 5300, 5456, 5340, 5578, 5465, 5591, 5473, 5549, 5495, 5336, 5649, 5449, 5484, 5365, 5512, 5295, 5354, 5494, 5584, 5572, 5308, 5711, 5570, 5325, 5597, 5539, 5350, 5457, 5254, 5531, 5318, 5446, 5587, 5264, 5713, 5443, 5374, 5500, 5605, 5482, 5505, 5270, 5594, 5515, 5275, 5641, 5321, 5662, 5425, 5707, 5277, 5522, 5645, 5541, 5324, 5483, 5434, 5436, 5684, 5400, 5380, 5351, 5618, 5632, 5517, 5469, 5458, 5315, 5571, 5303, 5566, 5493, 5364, 5466, 5648, 5343, 5382, 5376, 5355, 5622, 5416, 5431, 5349, 5271, 5281, 5547, 5294, 5544 (6 hits) (04/04/2016 04:09:25 PM) |
| 15      | 9                | 1.0                 | 333.0    | Yes      | 5503.1MHz,<br>-64.0dBm      | Hop sequence: 5592, 5602, 5593, 5407, 5564, 5300, 5389, 5319, 5590, 5329, 5442, 5722, 5388, 5529, 5452, 5483, 5585, 5501, 5484, 5648, 5513, 5340, 5674, 5284, 5480, 5708, 5650, 5454, 5379, 5630, 5288, 5557, 5460, 5654, 5697, 5392, 5573, 5259, 5660, 5551, 5547, 5342, 5651, 5432, 5262, 5429, 5287, 5334, 5272, 5413, 5680, 5414, 5580, 5571, 5459, 5302, 5333, 5380, 5486, 5669, 5339, 5621, 5359, 5425, 5702, 5716, 5619, 5530, 5512, 5552, 5611, 5384, 5570, 5543, 5296, 5370, 5610, 5294, 5524, 5699, 5682, 5283, 5386, 5351, 5291, 5666, 5601, 5444, 5715, 5723, 5546, 5683, 5572, 5491, 5449, 5464, 5453, 5289, 5356, 5594 (1 hits) (04/04/2016              |

**Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|------------------|---------------------|----------|----------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 04:09:39 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 16      | 9                | 1.0                 | 333.0    | Yes      | 5504.1MHz,<br>-64.0dBm      | Hop sequence: 5696, 5269, 5259,<br>5465, 5713, 5691, 5460, 5264,<br>5484, 5650, 5644, 5273, 5414,<br>5498, 5567, 5680, 5319, 5290,<br>5337, 5374, 5561, 5491, 5676,<br>5594, 5282, 5407, 5433, 5505,<br>5366, 5428, 5486, 5479, 5624,<br>5521, 5385, 5600, 5299, 5335,<br>5589, 5510, 5516, 5598, 5324,<br>5313, 5444, 5681, 5694, 5708,<br>5383, 5267, 5263, 5604, 5401,<br>5357, 5406, 5477, 5692, 5640,<br>5266, 5451, 5300, 5683, 5339,<br>5597, 5271, 5408, 5613, 5472,<br>5305, 5601, 5575, 5447, 5583,<br>5463, 5398, 5552, 5399, 5360,<br>5632, 5390, 5638, 5724, 5338,<br>5629, 5631, 5441, 5563, 5524,<br>5448, 5274, 5678, 5411, 5503,<br>5585, 5547, 5541, 5689, 5647,<br>5452, 5439 (3 hits) (04/04/2016<br>04:09:53 PM) |
| 17      | 9                | 1.0                 | 333.0    | Yes      | 5505.1MHz,<br>-64.0dBm      | Hop sequence: 5270, 5662, 5500,<br>5259, 5551, 5416, 5532, 5504,<br>5539, 5355, 5555, 5322, 5463,<br>5371, 5519, 5533, 5556, 5285,<br>5721, 5535, 5499, 5493, 5667,<br>5434, 5309, 5277, 5338, 5447,<br>5640, 5647, 5431, 5312, 5420,<br>5287, 5403, 5530, 5621, 5720,<br>5542, 5307, 5475, 5707, 5657,<br>5421, 5414, 5304, 5398, 5388,<br>5682, 5476, 5523, 5565, 5711,<br>5538, 5446, 5402, 5630, 5593,<br>5353, 5553, 5300, 5488, 5629,<br>5474, 5486, 5415, 5396, 5492,<br>5702, 5658, 5359, 5465, 5472,<br>5570, 5507, 5526, 5369, 5257,<br>5320, 5666, 5497, 5343, 5632,<br>5284, 5521, 5347, 5344, 5654,<br>5537, 5321, 5331, 5604, 5694,<br>5510, 5357, 5337, 5491, 5655,<br>5620, 5697 (7 hits) (04/04/2016<br>04:10:07 PM) |
| 18      | 9                | 1.0                 | 333.0    | Yes      | 5506.1MHz,<br>-64.0dBm      | Hop sequence: 5713, 5288, 5441,<br>5409, 5297, 5407, 5515, 5430,<br>5293, 5577, 5584, 5388, 5492,<br>5683, 5575, 5636, 5615, 5442,<br>5673, 5255, 5641, 5500, 5709,<br>5564, 5717, 5552, 5711, 5721,<br>5703, 5272, 5265, 5491, 5434,<br>5687, 5290, 5490, 5633, 5624,<br>5319, 5427, 5261, 5535, 5627,<br>5620, 5618, 5465, 5725, 5578,                                                                                                                                                                                                                                                                                                                                                                                              |

**Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5678, 5496, 5289, 5374, 5545, 5482, 5444, 5716, 5637, 5466, 5504, 5707, 5341, 5559, 5665, 5473, 5307, 5346, 5689, 5303, 5638, 5387, 5604, 5285, 5635, 5300, 5669, 5679, 5533, 5323, 5571, 5385, 5708, 5474, 5448, 5642, 5598, 5344, 5653, 5342, 5313, 5580, 5429, 5589, 5314, 5644, 5517, 5670, 5629, 5585, 5522, 5281 (4 hits) (04/04/2016 04:10:21 PM)                                                                                                                                                                                                                                                                                                               |
| 19      | 9                | 1.0                 | 333.0    | Yes      | 5507.1MHz,<br>-64.0dBm      | Hop sequence: 5623, 5411, 5683, 5520, 5641, 5329, 5589, 5472, 5509, 5539, 5510, 5708, 5724, 5591, 5452, 5291, 5699, 5546, 5397, 5298, 5269, 5555, 5500, 5318, 5268, 5264, 5352, 5611, 5481, 5718, 5330, 5603, 5642, 5608, 5282, 5716, 5564, 5582, 5379, 5300, 5306, 5512, 5493, 5717, 5491, 5711, 5281, 5335, 5488, 5622, 5283, 5621, 5499, 5453, 5554, 5486, 5392, 5600, 5286, 5494, 5425, 5265, 5309, 5374, 5400, 5502, 5275, 5596, 5593, 5701, 5332, 5484, 5477, 5310, 5726, 5401, 5532, 5602, 5626, 5625, 5448, 5473, 5646, 5307, 5303, 5630, 5495, 5530, 5492, 5412, 5313, 5293, 5447, 5277, 5523, 5353, 5659, 5565, 5578, 5272 (7 hits) (04/04/2016 04:10:36 PM) |
| 20      | 9                | 1.0                 | 333.0    | Yes      | 5508.1MHz,<br>-64.0dBm      | Hop sequence: 5278, 5655, 5707, 5612, 5698, 5597, 5636, 5556, 5471, 5469, 5572, 5601, 5446, 5378, 5679, 5704, 5306, 5282, 5485, 5606, 5674, 5541, 5415, 5440, 5583, 5530, 5559, 5545, 5684, 5596, 5369, 5581, 5423, 5262, 5568, 5503, 5435, 5451, 5722, 5708, 5613, 5553, 5311, 5668, 5558, 5487, 5629, 5624, 5632, 5439, 5663, 5651, 5711, 5573, 5465, 5687, 5426, 5401, 5525, 5271, 5627, 5291, 5492, 5720, 5395, 5715, 5284, 5561, 5319, 5520, 5297, 5327, 5544, 5443, 5540, 5430, 5575, 5554, 5463, 5598, 5577, 5532, 5400, 5592, 5502, 5538, 5490, 5422, 5390, 5570, 5700, 5344, 5329, 5260, 5716, 5723, 5548, 5273, 5276, 5383 (3 hits) (04/04/2016              |

| Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20 |                  |                     |          |          |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------|------------------|---------------------|----------|----------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trial #                                                           | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                   |                  |                     |          |          |                             | 04:10:51 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 21                                                                | 9                | 1.0                 | 333.0    | Yes      | 5508.9MHz,<br>-64.0dBm      | Hop sequence: 5326, 5373, 5297,<br>5658, 5301, 5682, 5672, 5474,<br>5567, 5488, 5361, 5598, 5347,<br>5482, 5315, 5451, 5572, 5481,<br>5322, 5366, 5534, 5319, 5686,<br>5652, 5471, 5286, 5587, 5614,<br>5331, 5620, 5595, 5599, 5624,<br>5561, 5613, 5406, 5395, 5569,<br>5545, 5580, 5694, 5281, 5508,<br>5509, 5469, 5661, 5276, 5648,<br>5612, 5688, 5457, 5418, 5591,<br>5382, 5568, 5656, 5419, 5396,<br>5415, 5647, 5483, 5673, 5320,<br>5666, 5631, 5413, 5679, 5583,<br>5430, 5588, 5425, 5376, 5379,<br>5573, 5296, 5284, 5490, 5350,<br>5324, 5637, 5557, 5582, 5302,<br>5604, 5575, 5622, 5390, 5434,<br>5596, 5292, 5716, 5628, 5701,<br>5515, 5435, 5338, 5641, 5722,<br>5254, 5374 (1 hits) (04/04/2016<br>04:11:05 PM) |
| 22                                                                | 9                | 1.0                 | 333.0    | Yes      | 5491.1MHz,<br>-64.0dBm      | Hop sequence: 5652, 5726, 5462,<br>5437, 5579, 5367, 5463, 5590,<br>5647, 5261, 5356, 5428, 5390,<br>5605, 5648, 5717, 5691, 5517,<br>5371, 5529, 5453, 5358, 5546,<br>5632, 5662, 5536, 5429, 5326,<br>5441, 5305, 5335, 5443, 5719,<br>5322, 5277, 5620, 5372, 5633,<br>5641, 5415, 5273, 5466, 5284,<br>5709, 5308, 5562, 5477, 5384,<br>5642, 5686, 5314, 5295, 5560,<br>5665, 5369, 5395, 5355, 5309,<br>5645, 5653, 5614, 5353, 5672,<br>5715, 5554, 5618, 5657, 5270,<br>5684, 5675, 5603, 5434, 5403,<br>5492, 5454, 5575, 5557, 5612,<br>5516, 5467, 5547, 5689, 5535,<br>5427, 5654, 5383, 5673, 5268,<br>5658, 5661, 5283, 5475, 5602,<br>5682, 5264, 5708, 5362, 5340,<br>5448, 5307 (1 hits) (04/04/2016<br>04:11:25 PM) |
| 23                                                                | 9                | 1.0                 | 333.0    | Yes      | 5492.1MHz,<br>-64.0dBm      | Hop sequence: 5448, 5529, 5710,<br>5336, 5638, 5416, 5304, 5614,<br>5506, 5590, 5307, 5334, 5365,<br>5681, 5598, 5287, 5493, 5266,<br>5587, 5603, 5475, 5550, 5583,<br>5694, 5281, 5381, 5679, 5632,<br>5453, 5457, 5580, 5273, 5515,<br>5253, 5675, 5377, 5652, 5620,<br>5630, 5311, 5279, 5641, 5473,<br>5514, 5347, 5407, 5274, 5352,                                                                                                                                                                                                                                                                                                                                                                                              |

**Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5379, 5723, 5383, 5357, 5390, 5403, 5563, 5594, 5350, 5589, 5327, 5639, 5408, 5261, 5413, 5716, 5621, 5595, 5575, 5470, 5338, 5585, 5573, 5415, 5513, 5345, 5661, 5302, 5693, 5640, 5522, 5419, 5260, 5417, 5348, 5391, 5649, 5502, 5264, 5684, 5677, 5487, 5564, 5572, 5376, 5538, 5472, 5559, 5389, 5500, 5378, 5714 (4 hits) (04/04/2016 04:11:40 PM)                                                                                                                                                                                                                                                                                                               |
| 24      | 9                | 1.0                 | 333.0    | Yes      | 5493.1MHz,<br>-64.0dBm      | Hop sequence: 5486, 5552, 5461, 5477, 5306, 5570, 5617, 5606, 5442, 5390, 5646, 5403, 5656, 5364, 5575, 5254, 5601, 5638, 5284, 5352, 5297, 5290, 5386, 5595, 5353, 5446, 5572, 5474, 5372, 5677, 5487, 5538, 5624, 5676, 5252, 5596, 5723, 5668, 5675, 5251, 5688, 5666, 5451, 5369, 5661, 5493, 5347, 5253, 5365, 5679, 5481, 5652, 5330, 5563, 5443, 5528, 5685, 5586, 5366, 5471, 5310, 5351, 5515, 5441, 5371, 5593, 5415, 5589, 5569, 5649, 5571, 5512, 5644, 5664, 5531, 5527, 5335, 5658, 5524, 5373, 5363, 5508, 5532, 5590, 5683, 5341, 5648, 5594, 5602, 5293, 5562, 5406, 5498, 5416, 5313, 5479, 5326, 5669, 5636, 5433 (3 hits) (04/04/2016 04:11:55 PM) |
| 25      | 9                | 1.0                 | 333.0    | Yes      | 5494.1MHz,<br>-64.0dBm      | Hop sequence: 5645, 5381, 5627, 5551, 5392, 5688, 5598, 5510, 5609, 5632, 5412, 5443, 5687, 5657, 5298, 5643, 5330, 5619, 5408, 5591, 5251, 5265, 5374, 5641, 5544, 5607, 5254, 5439, 5264, 5415, 5712, 5595, 5653, 5635, 5474, 5462, 5379, 5262, 5358, 5383, 5577, 5525, 5599, 5370, 5708, 5310, 5674, 5558, 5667, 5588, 5291, 5502, 5315, 5389, 5486, 5460, 5677, 5618, 5418, 5284, 5360, 5589, 5580, 5413, 5533, 5513, 5703, 5256, 5647, 5515, 5397, 5562, 5560, 5556, 5528, 5359, 5649, 5655, 5399, 5274, 5316, 5304, 5363, 5445, 5421, 5697, 5503, 5487, 5417, 5539, 5572, 5407, 5478, 5346, 5302, 5711, 5633, 5433, 5455, 5326 (2 hits) (04/04/2016              |

**Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 04:12:10 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 26      | 9                | 1.0                 | 333.0    | Yes      | 5495.1MHz,<br>-64.0dBm      | Hop sequence: 5433, 5282, 5302, 5542, 5534, 5609, 5321, 5448, 5483, 5392, 5469, 5471, 5405, 5723, 5563, 5591, 5477, 5358, 5614, 5659, 5379, 5445, 5526, 5366, 5641, 5685, 5394, 5407, 5324, 5554, 5549, 5506, 5457, 5637, 5317, 5692, 5686, 5715, 5377, 5380, 5254, 5603, 5334, 5540, 5677, 5725, 5329, 5661, 5269, 5396, 5689, 5664, 5605, 5578, 5323, 5719, 5707, 5532, 5465, 5318, 5569, 5489, 5698, 5361, 5303, 5384, 5332, 5610, 5551, 5460, 5655, 5552, 5297, 5472, 5255, 5616, 5463, 5459, 5601, 5555, 5262, 5547, 5382, 5681, 5695, 5320, 5395, 5524, 5432, 5446, 5515, 5447, 5571, 5518, 5455, 5514, 5669, 5277, 5635, 5533 (1 hits) (04/04/2016 04:12:24 PM) |
| 27      | 9                | 1.0                 | 333.0    | Yes      | 5496.1MHz,<br>-64.0dBm      | Hop sequence: 5540, 5497, 5436, 5420, 5660, 5316, 5459, 5414, 5568, 5669, 5616, 5325, 5352, 5689, 5483, 5645, 5627, 5566, 5490, 5699, 5341, 5622, 5314, 5318, 5281, 5578, 5612, 5391, 5649, 5333, 5597, 5704, 5585, 5561, 5387, 5427, 5404, 5433, 5654, 5438, 5626, 5525, 5720, 5432, 5639, 5613, 5289, 5456, 5544, 5468, 5317, 5527, 5454, 5393, 5537, 5637, 5475, 5426, 5370, 5257, 5629, 5674, 5312, 5328, 5573, 5706, 5679, 5287, 5553, 5460, 5458, 5448, 5579, 5386, 5402, 5329, 5398, 5274, 5600, 5507, 5623, 5324, 5269, 5485, 5464, 5435, 5672, 5517, 5696, 5548, 5682, 5480, 5533, 5298, 5694, 5397, 5421, 5315, 5664, 5300 (2 hits) (04/04/2016 04:12:39 PM) |
| 28      | 9                | 1.0                 | 333.0    | Yes      | 5497.1MHz,<br>-64.0dBm      | Hop sequence: 5330, 5433, 5366, 5541, 5665, 5259, 5654, 5611, 5263, 5447, 5645, 5458, 5428, 5679, 5372, 5477, 5599, 5608, 5625, 5615, 5418, 5494, 5340, 5367, 5613, 5377, 5642, 5306, 5499, 5533, 5618, 5698, 5286, 5448, 5475, 5274, 5548, 5336, 5441, 5315, 5443, 5628, 5252, 5590, 5523, 5587, 5525, 5490,                                                                                                                                                                                                                                                                                                                                                          |

**Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5711, 5648, 5368, 5593, 5454, 5302, 5614, 5431, 5649, 5538, 5657, 5363, 5311, 5349, 5689, 5371, 5305, 5559, 5464, 5693, 5260, 5577, 5417, 5415, 5432, 5463, 5607, 5436, 5267, 5656, 5646, 5400, 5661, 5279, 5390, 5329, 5404, 5485, 5576, 5281, 5327, 5521, 5465, 5682, 5380, 5361, 5290, 5527, 5312, 5376, 5653, 5697 (2 hits) (04/04/2016 04:12:54 PM)                                                                                                                                                                                                                                                                                                               |
| 29      | 9                | 1.0                 | 333.0    | Yes      | 5498.1MHz,<br>-64.0dBm      | Hop sequence: 5526, 5722, 5377, 5696, 5324, 5670, 5651, 5381, 5293, 5308, 5423, 5618, 5263, 5623, 5313, 5255, 5491, 5714, 5625, 5705, 5679, 5539, 5497, 5355, 5265, 5332, 5718, 5575, 5643, 5571, 5372, 5460, 5282, 5307, 5562, 5437, 5627, 5479, 5715, 5392, 5521, 5320, 5323, 5665, 5645, 5498, 5303, 5284, 5646, 5524, 5418, 5545, 5276, 5396, 5461, 5475, 5291, 5673, 5635, 5676, 5691, 5542, 5514, 5681, 5309, 5597, 5458, 5302, 5700, 5407, 5517, 5388, 5637, 5393, 5658, 5590, 5421, 5468, 5399, 5283, 5466, 5619, 5335, 5362, 5473, 5630, 5615, 5660, 5621, 5605, 5414, 5644, 5432, 5540, 5657, 5682, 5281, 5557, 5290, 5617 (2 hits) (04/04/2016 04:13:08 PM) |
| 30      | 9                | 1.0                 | 333.0    | Yes      | 5499.1MHz,<br>-64.0dBm      | Hop sequence: 5371, 5293, 5625, 5504, 5698, 5547, 5253, 5411, 5384, 5313, 5475, 5309, 5447, 5599, 5565, 5277, 5550, 5414, 5335, 5418, 5333, 5303, 5468, 5531, 5646, 5706, 5552, 5316, 5693, 5439, 5286, 5320, 5255, 5437, 5433, 5613, 5397, 5634, 5539, 5258, 5707, 5476, 5571, 5456, 5601, 5276, 5529, 5614, 5553, 5464, 5661, 5584, 5323, 5415, 5400, 5329, 5559, 5659, 5618, 5299, 5695, 5252, 5308, 5262, 5272, 5306, 5496, 5617, 5278, 5421, 5697, 5522, 5288, 5267, 5687, 5301, 5580, 5488, 5521, 5491, 5424, 5324, 5340, 5507, 5530, 5377, 5712, 5629, 5691, 5321, 5508, 5297, 5502, 5269, 5603, 5590, 5528, 5275, 5284, 5477 (5 hits) (04/04/2016              |

**Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|------------------|---------------------|----------|----------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 04:13:23 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 31      | 9                | 1.0                 | 333.0    | Yes      | 5500.1MHz,<br>-64.0dBm      | Hop sequence: 5651, 5339, 5289,<br>5471, 5685, 5623, 5579, 5723,<br>5438, 5595, 5278, 5444, 5635,<br>5643, 5453, 5489, 5390, 5725,<br>5672, 5464, 5695, 5385, 5548,<br>5338, 5644, 5658, 5523, 5314,<br>5433, 5268, 5411, 5352, 5714,<br>5384, 5321, 5654, 5346, 5618,<br>5318, 5587, 5540, 5515, 5678,<br>5367, 5680, 5662, 5568, 5473,<br>5324, 5583, 5422, 5683, 5681,<br>5704, 5679, 5456, 5468, 5274,<br>5369, 5316, 5512, 5533, 5605,<br>5626, 5331, 5671, 5391, 5474,<br>5599, 5394, 5254, 5421, 5652,<br>5718, 5629, 5440, 5676, 5546,<br>5313, 5534, 5437, 5584, 5398,<br>5279, 5417, 5572, 5610, 5341,<br>5350, 5359, 5374, 5345, 5520,<br>5501, 5405, 5380, 5628, 5631,<br>5709, 5412 (1 hits) (04/04/2016<br>04:13:37 PM) |
| 32      | 9                | 1.0                 | 333.0    | Yes      | 5501.1MHz,<br>-64.0dBm      | Hop sequence: 5596, 5650, 5621,<br>5307, 5716, 5560, 5301, 5502,<br>5338, 5275, 5310, 5253, 5529,<br>5470, 5391, 5687, 5268, 5635,<br>5547, 5450, 5491, 5554, 5328,<br>5619, 5511, 5348, 5252, 5514,<br>5422, 5713, 5497, 5474, 5676,<br>5425, 5647, 5509, 5405, 5597,<br>5469, 5377, 5559, 5430, 5280,<br>5668, 5584, 5515, 5609, 5290,<br>5590, 5722, 5453, 5395, 5343,<br>5262, 5308, 5503, 5659, 5579,<br>5527, 5421, 5296, 5639, 5646,<br>5498, 5694, 5326, 5334, 5558,<br>5293, 5660, 5620, 5464, 5633,<br>5696, 5412, 5404, 5698, 5493,<br>5254, 5626, 5460, 5575, 5346,<br>5567, 5693, 5690, 5587, 5563,<br>5591, 5618, 5677, 5455, 5400,<br>5564, 5520, 5462, 5274, 5272,<br>5410, 5414 (5 hits) (04/04/2016<br>04:13:52 PM) |
| 33      | 9                | 1.0                 | 333.0    | Yes      | 5502.1MHz,<br>-64.0dBm      | Hop sequence: 5550, 5520, 5501,<br>5419, 5637, 5692, 5547, 5628,<br>5424, 5503, 5491, 5459, 5386,<br>5266, 5701, 5428, 5256, 5353,<br>5690, 5587, 5286, 5356, 5377,<br>5531, 5363, 5694, 5409, 5700,<br>5647, 5345, 5433, 5682, 5375,<br>5407, 5397, 5573, 5566, 5539,<br>5640, 5630, 5320, 5348, 5502,<br>5289, 5676, 5697, 5306, 5352,                                                                                                                                                                                                                                                                                                                                                                                              |

**Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5414, 5405, 5549, 5626, 5450, 5391, 5532, 5705, 5411, 5709, 5583, 5650, 5506, 5318, 5585, 5514, 5355, 5720, 5484, 5439, 5648, 5421, 5330, 5441, 5395, 5528, 5328, 5725, 5681, 5588, 5665, 5554, 5699, 5416, 5556, 5360, 5661, 5413, 5383, 5268, 5724, 5571, 5281, 5294, 5392, 5367, 5319, 5255, 5474, 5544, 5337, 5309 (4 hits) (04/04/2016 04:14:08 PM)                                                                                                                                                                                                                                                                                                               |
| 34      | 9                | 1.0                 | 333.0    | Yes      | 5503.1MHz,<br>-64.0dBm      | Hop sequence: 5255, 5262, 5492, 5549, 5651, 5258, 5309, 5406, 5256, 5674, 5556, 5675, 5269, 5649, 5713, 5341, 5308, 5361, 5533, 5421, 5689, 5357, 5714, 5396, 5710, 5612, 5324, 5368, 5351, 5666, 5507, 5385, 5577, 5268, 5427, 5534, 5502, 5489, 5578, 5622, 5345, 5600, 5409, 5613, 5697, 5291, 5494, 5283, 5253, 5725, 5648, 5359, 5390, 5630, 5550, 5544, 5259, 5529, 5473, 5506, 5354, 5335, 5721, 5463, 5576, 5637, 5445, 5442, 5386, 5520, 5316, 5515, 5646, 5459, 5572, 5453, 5422, 5384, 5665, 5408, 5441, 5387, 5452, 5296, 5662, 5606, 5405, 5562, 5440, 5709, 5598, 5286, 5328, 5317, 5415, 5718, 5436, 5373, 5712, 5388 (5 hits) (04/04/2016 04:14:23 PM) |
| 35      | 9                | 1.0                 | 333.0    | Yes      | 5504.1MHz,<br>-64.0dBm      | Hop sequence: 5648, 5544, 5384, 5258, 5268, 5595, 5295, 5354, 5313, 5651, 5415, 5448, 5472, 5590, 5330, 5309, 5534, 5623, 5567, 5407, 5324, 5680, 5675, 5251, 5290, 5304, 5475, 5666, 5523, 5553, 5277, 5610, 5401, 5269, 5267, 5325, 5697, 5556, 5262, 5517, 5499, 5281, 5723, 5624, 5454, 5349, 5638, 5402, 5365, 5353, 5522, 5548, 5555, 5252, 5712, 5630, 5400, 5510, 5625, 5524, 5622, 5608, 5427, 5637, 5381, 5565, 5574, 5519, 5423, 5525, 5557, 5725, 5494, 5719, 5321, 5388, 5518, 5279, 5636, 5394, 5605, 5449, 5430, 5460, 5356, 5721, 5344, 5575, 5505, 5422, 5311, 5319, 5481, 5698, 5342, 5580, 5264, 5461, 5716, 5570 (3 hits) (04/04/2016              |

**Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|------------------|---------------------|----------|----------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 04:14:42 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 36      | 9                | 1.0                 | 333.0    | Yes      | 5505.1MHz,<br>-64.0dBm      | Hop sequence: 5706, 5320, 5658,<br>5566, 5611, 5427, 5363, 5449,<br>5418, 5512, 5382, 5483, 5393,<br>5711, 5471, 5474, 5342, 5314,<br>5408, 5399, 5507, 5722, 5692,<br>5392, 5406, 5631, 5372, 5574,<br>5591, 5676, 5639, 5416, 5328,<br>5513, 5593, 5569, 5504, 5648,<br>5597, 5401, 5311, 5500, 5704,<br>5357, 5424, 5573, 5661, 5530,<br>5531, 5514, 5259, 5511, 5415,<br>5547, 5473, 5720, 5262, 5577,<br>5589, 5694, 5441, 5409, 5284,<br>5601, 5346, 5298, 5490, 5412,<br>5458, 5666, 5293, 5330, 5296,<br>5316, 5460, 5450, 5498, 5348,<br>5403, 5281, 5710, 5331, 5675,<br>5339, 5327, 5276, 5288, 5724,<br>5640, 5438, 5664, 5426, 5313,<br>5299, 5258, 5683, 5582, 5395,<br>5275, 5315 (4 hits) (04/04/2016<br>04:14:57 PM) |
| 37      | 9                | 1.0                 | 333.0    | Yes      | 5506.1MHz,<br>-64.0dBm      | Hop sequence: 5529, 5495, 5723,<br>5421, 5505, 5671, 5481, 5346,<br>5599, 5469, 5652, 5698, 5724,<br>5321, 5544, 5340, 5332, 5493,<br>5587, 5387, 5345, 5622, 5305,<br>5297, 5603, 5289, 5568, 5532,<br>5397, 5446, 5580, 5554, 5275,<br>5697, 5276, 5712, 5590, 5261,<br>5460, 5412, 5575, 5465, 5283,<br>5547, 5491, 5678, 5502, 5653,<br>5630, 5274, 5380, 5399, 5438,<br>5324, 5530, 5559, 5352, 5415,<br>5384, 5353, 5450, 5265, 5464,<br>5462, 5334, 5610, 5463, 5252,<br>5684, 5255, 5604, 5553, 5383,<br>5699, 5350, 5459, 5405, 5431,<br>5576, 5522, 5531, 5410, 5659,<br>5386, 5388, 5600, 5484, 5369,<br>5506, 5471, 5291, 5519, 5262,<br>5535, 5430, 5651, 5709, 5314,<br>5325, 5570 (5 hits) (04/04/2016<br>04:15:12 PM) |
| 38      | 9                | 1.0                 | 333.0    | Yes      | 5507.1MHz,<br>-64.0dBm      | Hop sequence: 5259, 5585, 5275,<br>5394, 5563, 5290, 5481, 5367,<br>5338, 5372, 5480, 5422, 5624,<br>5715, 5281, 5530, 5294, 5516,<br>5467, 5410, 5515, 5443, 5555,<br>5669, 5340, 5507, 5608, 5466,<br>5418, 5390, 5512, 5535, 5625,<br>5400, 5277, 5687, 5376, 5431,<br>5330, 5284, 5295, 5581, 5463,<br>5718, 5371, 5316, 5321, 5646,                                                                                                                                                                                                                                                                                                                                                                                              |

| Table 44 - FCC frequency hopping radar (Type 6) Results 802.11n20 |                  |                     |          |          |                             |                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trial #                                                           | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                   |                  |                     |          |          |                             | 5436, 5678, 5543, 5272, 5366,<br>5348, 5532, 5305, 5310, 5323,<br>5528, 5548, 5391, 5642, 5672,<br>5524, 5450, 5579, 5377, 5690,<br>5484, 5505, 5420, 5549, 5587,<br>5359, 5573, 5714, 5661, 5325,<br>5694, 5407, 5520, 5489, 5575,<br>5363, 5251, 5619, 5471, 5383,<br>5692, 5308, 5664, 5362, 5531,<br>5665, 5627, 5354, 5482, 5447,<br>5502, 5258 (3 hits) (04/04/2016<br>04:15:28 PM) |

**Table 45 - Summary of All Results 802.11n40**

| Waveform Name                        | Pd (%)  | Pd Required (%) | Number of Trials | Status |
|--------------------------------------|---------|-----------------|------------------|--------|
| FCC Short Pulse Radar (Type 1A)      | 100.0 % | 60.0 %          | 15               | PASSED |
| FCC Short Pulse Radar (Type 1B)      | 100.0 % | 60.0 %          | 15               | PASSED |
| FCC Short Pulse Radar (Type 2)       | 100.0 % | 60.0 %          | 30               | PASSED |
| FCC Short Pulse Radar (Type 3)       | 96.7 %  | 60.0 %          | 30               | PASSED |
| FCC Short Pulse Radar (Type 4)       | 93.3 %  | 60.0 %          | 30               | PASSED |
| Aggregate of above results           | 97.5 %  | 80.0 %          | 120              | PASSED |
| Long Sequence                        | 100.0 % | 80.0 %          | 30               | PASSED |
| FCC frequency hopping radar (Type 6) | 100.0 % | 70.0 %          | 39               | PASSED |

**Table 46 - FCC Short Pulse Radar (Type 1A) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and level (dBm) | Burst Information |
|---------|------------------|---------------------|----------|----------|--------------------------|-------------------|
| 1       | 70               | 1.0                 | 758.0    | Yes      | 5510.0MHz, -64.0dBm      | Single burst      |
| 2       | 63               | 1.0                 | 838.0    | Yes      | 5511.1MHz, -64.0dBm      | Single burst      |
| 3       | 62               | 1.0                 | 858.0    | Yes      | 5512.6MHz, -64.0dBm      | Single burst      |
| 4       | 83               | 1.0                 | 638.0    | Yes      | 5518.6MHz, -64.0dBm      | Single burst      |
| 5       | 78               | 1.0                 | 678.0    | Yes      | 5521.0MHz, -64.0dBm      | Single burst      |
| 6       | 74               | 1.0                 | 718.0    | Yes      | 5525.4MHz, -64.0dBm      | Single burst      |
| 7       | 59               | 1.0                 | 898.0    | Yes      | 5526.5MHz, -64.0dBm      | Single burst      |
| 8       | 65               | 1.0                 | 818.0    | Yes      | 5527.9MHz, -64.0dBm      | Single burst      |
| 9       | 67               | 1.0                 | 798.0    | Yes      | 5528.1MHz, -64.0dBm      | Single burst      |
| 10      | 99               | 1.0                 | 538.0    | Yes      | 5491.9MHz, -64.0dBm      | Single burst      |
| 11      | 81               | 1.0                 | 658.0    | Yes      | 5492.8MHz, -64.0dBm      | Single burst      |
| 12      | 57               | 1.0                 | 938.0    | Yes      | 5498.4MHz, -64.0dBm      | Single burst      |
| 13      | 68               | 1.0                 | 778.0    | Yes      | 5501.2MHz, -64.0dBm      | Single burst      |
| 14      | 72               | 1.0                 | 738.0    | Yes      | 5507.6MHz, -64.0dBm      | Single burst      |
| 15      | 92               | 1.0                 | 578.0    | Yes      | 5511.5MHz, -64.0dBm      | Single burst      |

**Table 47 - FCC Short Pulse Radar (Type 1B) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and level (dBm) | Burst Information |
|---------|------------------|---------------------|----------|----------|--------------------------|-------------------|
| 1       | 22               | 1.0                 | 2465.0   | Yes      | 5510.0MHz, -64.0dBm      | Single burst      |
| 2       | 60               | 1.0                 | 889.0    | Yes      | 5514.9MHz, -64.0dBm      | Single burst      |
| 3       | 30               | 1.0                 | 1781.0   | Yes      | 5517.2MHz, -64.0dBm      | Single burst      |
| 4       | 43               | 1.0                 | 1241.0   | Yes      | 5522.4MHz, -64.0dBm      | Single burst      |
| 5       | 30               | 1.0                 | 1777.0   | Yes      | 5526.1MHz, -64.0dBm      | Single burst      |
| 6       | 26               | 1.0                 | 2032.0   | Yes      | 5528.1MHz, -64.0dBm      | Single burst      |
| 7       | 70               | 1.0                 | 757.0    | Yes      | 5491.9MHz, -64.0dBm      | Single burst      |
| 8       | 75               | 1.0                 | 713.0    | Yes      | 5493.3MHz, -64.0dBm      | Single burst      |
| 9       | 20               | 1.0                 | 2717.0   | Yes      | 5500.1MHz, -64.0dBm      | Single burst      |
| 10      | 21               | 1.0                 | 2600.0   | Yes      | 5505.4MHz, -64.0dBm      | Single burst      |
| 11      | 96               | 1.0                 | 552.0    | Yes      | 5510.8MHz, -64.0dBm      | Single burst      |
| 12      | 18               | 1.0                 | 2951.0   | Yes      | 5515.9MHz, -64.0dBm      | Single burst      |
| 13      | 26               | 1.0                 | 2076.0   | Yes      | 5517.3MHz, -64.0dBm      | Single burst      |
| 14      | 18               | 1.0                 | 2980.0   | Yes      | 5519.6MHz, -64.0dBm      | Single burst      |
| 15      | 22               | 1.0                 | 2439.0   | Yes      | 5522.8MHz, -64.0dBm      | Single burst      |

**Table 48 - FCC Short Pulse Radar (Type 2) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and level (dBm) | Burst Information |
|---------|------------------|---------------------|----------|----------|--------------------------|-------------------|
| 1       | 26               | 3.5                 | 177.0    | Yes      | 5510.0MHz, -64.0dBm      | Single burst      |
| 2       | 25               | 1.0                 | 179.0    | Yes      | 5513.9MHz, -64.0dBm      | Single burst      |
| 3       | 28               | 3.3                 | 191.0    | Yes      | 5520.6MHz, -64.0dBm      | Single burst      |
| 4       | 23               | 1.5                 | 227.0    | Yes      | 5522.7MHz, -64.0dBm      | Single burst      |
| 5       | 29               | 4.1                 | 213.0    | Yes      | 5528.1MHz, -64.0dBm      | Single burst      |
| 6       | 24               | 2.9                 | 153.0    | Yes      | 5491.9MHz, -64.0dBm      | Single burst      |
| 7       | 28               | 4.3                 | 159.0    | Yes      | 5493.7MHz, -64.0dBm      | Single burst      |
| 8       | 25               | 1.2                 | 227.0    | Yes      | 5497.1MHz, -64.0dBm      | Single burst      |
| 9       | 27               | 2.5                 | 193.0    | Yes      | 5502.2MHz, -64.0dBm      | Single burst      |
| 10      | 27               | 1.3                 | 208.0    | Yes      | 5507.5MHz, -64.0dBm      | Single burst      |
| 11      | 26               | 1.9                 | 151.0    | Yes      | 5512.3MHz, -64.0dBm      | Single burst      |
| 12      | 27               | 3.9                 | 229.0    | Yes      | 5516.4MHz, -64.0dBm      | Single burst      |
| 13      | 26               | 2.8                 | 205.0    | Yes      | 5521.1MHz, -64.0dBm      | Single burst      |
| 14      | 27               | 2.9                 | 166.0    | Yes      | 5527.1MHz, -64.0dBm      | Single burst      |
| 15      | 29               | 2.8                 | 186.0    | Yes      | 5528.1MHz, -64.0dBm      | Single burst      |
| 16      | 28               | 2.2                 | 176.0    | Yes      | 5491.9MHz, -64.0dBm      | Single burst      |
| 17      | 28               | 4.9                 | 160.0    | Yes      | 5493.2MHz, -64.0dBm      | Single burst      |
| 18      | 26               | 1.0                 | 201.0    | Yes      | 5497.8MHz, -64.0dBm      | Single burst      |
| 19      | 27               | 3.9                 | 191.0    | Yes      | 5499.4MHz, -64.0dBm      | Single burst      |
| 20      | 28               | 2.1                 | 180.0    | Yes      | 5501.2MHz, -64.0dBm      | Single burst      |
| 21      | 28               | 1.6                 | 189.0    | Yes      | 5503.7MHz, -64.0dBm      | Single burst      |
| 22      | 25               | 4.8                 | 153.0    | Yes      | 5505.8MHz, -64.0dBm      | Single burst      |
| 23      | 28               | 3.7                 | 194.0    | Yes      | 5512.4MHz, -64.0dBm      | Single burst      |
| 24      | 26               | 3.1                 | 154.0    | Yes      | 5514.2MHz, -64.0dBm      | Single burst      |
| 25      | 28               | 1.5                 | 209.0    | Yes      | 5518.6MHz, -64.0dBm      | Single burst      |
| 26      | 25               | 3.9                 | 189.0    | Yes      | 5520.5MHz, -64.0dBm      | Single burst      |
| 27      | 26               | 1.1                 | 158.0    | Yes      | 5526.3MHz, -64.0dBm      | Single burst      |
| 28      | 27               | 1.3                 | 182.0    | Yes      | 5528.1MHz, -64.0dBm      | Single burst      |
| 29      | 23               | 1.2                 | 195.0    | Yes      | 5491.9MHz, -64.0dBm      | Single burst      |
| 30      | 27               | 1.3                 | 153.0    | Yes      | 5496.2MHz, -64.0dBm      | Single burst      |

**Table 49 - FCC Short Pulse Radar (Type 3) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and level (dBm) | Burst Information |
|---------|------------------|---------------------|----------|----------|--------------------------|-------------------|
| 1       | 17               | 9.2                 | 423.0    | Yes      | 5510.0MHz, -64.0dBm      | Single burst      |
| 2       | 17               | 7.0                 | 439.0    | Yes      | 5511.0MHz, -64.0dBm      | Single burst      |
| 3       | 16               | 9.8                 | 330.0    | Yes      | 5513.8MHz, -64.0dBm      | Single burst      |
| 4       | 17               | 9.7                 | 315.0    | Yes      | 5518.0MHz, -64.0dBm      | Single burst      |
| 5       | 17               | 7.8                 | 479.0    | Yes      | 5524.5MHz, -64.0dBm      | Single burst      |
| 6       | 17               | 9.2                 | 401.0    | Yes      | 5528.1MHz, -64.0dBm      | Single burst      |
| 7       | 18               | 9.0                 | 457.0    | Yes      | 5491.9MHz, -64.0dBm      | Single burst      |
| 8       | 17               | 8.4                 | 362.0    | Yes      | 5493.5MHz, -64.0dBm      | Single burst      |
| 9       | 18               | 6.2                 | 357.0    | Yes      | 5497.6MHz, -64.0dBm      | Single burst      |
| 10      | 18               | 6.0                 | 354.0    | Yes      | 5500.7MHz, -64.0dBm      | Single burst      |
| 11      | 18               | 7.6                 | 487.0    | Yes      | 5504.4MHz, -64.0dBm      | Single burst      |
| 12      | 17               | 6.9                 | 476.0    | Yes      | 5510.6MHz, -64.0dBm      | Single burst      |
| 13      | 16               | 8.7                 | 435.0    | Yes      | 5513.7MHz, -64.0dBm      | Single burst      |
| 14      | 17               | 6.1                 | 479.0    | Yes      | 5520.5MHz, -64.0dBm      | Single burst      |
| 15      | 16               | 9.2                 | 261.0    | No       | 5522.1MHz, -64.0dBm      | Single burst      |
| 16      | 16               | 9.6                 | 406.0    | Yes      | 5522.1MHz, -64.0dBm      | Single burst      |
| 17      | 17               | 8.8                 | 258.0    | Yes      | 5524.6MHz, -64.0dBm      | Single burst      |
| 18      | 17               | 8.4                 | 404.0    | Yes      | 5528.1MHz, -64.0dBm      | Single burst      |
| 19      | 17               | 9.2                 | 347.0    | Yes      | 5491.9MHz, -64.0dBm      | Single burst      |
| 20      | 17               | 9.4                 | 366.0    | Yes      | 5496.9MHz, -64.0dBm      | Single burst      |
| 21      | 17               | 6.8                 | 322.0    | Yes      | 5501.6MHz, -64.0dBm      | Single burst      |
| 22      | 16               | 9.0                 | 317.0    | Yes      | 5504.6MHz, -64.0dBm      | Single burst      |
| 23      | 17               | 7.9                 | 221.0    | Yes      | 5510.8MHz, -64.0dBm      | Single burst      |
| 24      | 17               | 7.9                 | 256.0    | Yes      | 5512.3MHz, -64.0dBm      | Single burst      |
| 25      | 18               | 6.7                 | 493.0    | Yes      | 5515.7MHz, -64.0dBm      | Single burst      |
| 26      | 18               | 8.3                 | 461.0    | Yes      | 5522.6MHz, -64.0dBm      | Single burst      |
| 27      | 18               | 6.8                 | 225.0    | Yes      | 5527.2MHz, -64.0dBm      | Single burst      |
| 28      | 18               | 8.2                 | 483.0    | Yes      | 5528.1MHz, -64.0dBm      | Single burst      |
| 29      | 16               | 7.0                 | 343.0    | Yes      | 5491.9MHz, -64.0dBm      | Single burst      |
| 30      | 17               | 6.3                 | 371.0    | Yes      | 5495.9MHz, -64.0dBm      | Single burst      |

**Table 50 - FCC Short Pulse Radar (Type 4) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and level (dBm) | Burst Information |
|---------|------------------|---------------------|----------|----------|--------------------------|-------------------|
| 1       | 14               | 18.0                | 338.0    | Yes      | 5510.0MHz, -64.0dBm      | Single burst      |
| 2       | 15               | 16.8                | 294.0    | Yes      | 5516.7MHz, -64.0dBm      | Single burst      |
| 3       | 13               | 14.7                | 460.0    | Yes      | 5518.7MHz, -64.0dBm      | Single burst      |
| 4       | 13               | 11.1                | 208.0    | No       | 5520.4MHz, -64.0dBm      | Single burst      |
| 5       | 15               | 12.5                | 465.0    | Yes      | 5520.4MHz, -64.0dBm      | Single burst      |
| 6       | 14               | 15.8                | 351.0    | Yes      | 5526.1MHz, -64.0dBm      | Single burst      |
| 7       | 13               | 13.3                | 425.0    | Yes      | 5528.1MHz, -64.0dBm      | Single burst      |
| 8       | 16               | 19.4                | 254.0    | Yes      | 5491.9MHz, -64.0dBm      | Single burst      |
| 9       | 14               | 12.6                | 376.0    | Yes      | 5492.8MHz, -64.0dBm      | Single burst      |
| 10      | 15               | 16.5                | 481.0    | Yes      | 5496.6MHz, -64.0dBm      | Single burst      |
| 11      | 14               | 12.8                | 473.0    | Yes      | 5500.9MHz, -64.0dBm      | Single burst      |
| 12      | 15               | 16.0                | 489.0    | Yes      | 5504.4MHz, -64.0dBm      | Single burst      |
| 13      | 13               | 17.2                | 410.0    | Yes      | 5508.2MHz, -64.0dBm      | Single burst      |
| 14      | 13               | 12.4                | 454.0    | Yes      | 5514.4MHz, -64.0dBm      | Single burst      |
| 15      | 14               | 11.4                | 384.0    | Yes      | 5520.2MHz, -64.0dBm      | Single burst      |
| 16      | 15               | 19.6                | 256.0    | Yes      | 5524.7MHz, -64.0dBm      | Single burst      |
| 17      | 13               | 18.3                | 252.0    | No       | 5527.6MHz, -64.0dBm      | Single burst      |
| 18      | 15               | 12.8                | 318.0    | Yes      | 5527.6MHz, -64.0dBm      | Single burst      |
| 19      | 16               | 13.8                | 328.0    | Yes      | 5528.1MHz, -64.0dBm      | Single burst      |
| 20      | 15               | 19.9                | 300.0    | Yes      | 5491.9MHz, -64.0dBm      | Single burst      |
| 21      | 14               | 11.2                | 353.0    | Yes      | 5497.1MHz, -64.0dBm      | Single burst      |
| 22      | 14               | 15.3                | 329.0    | Yes      | 5499.4MHz, -64.0dBm      | Single burst      |
| 23      | 15               | 11.9                | 257.0    | Yes      | 5503.0MHz, -64.0dBm      | Single burst      |
| 24      | 14               | 17.7                | 372.0    | Yes      | 5509.5MHz, -64.0dBm      | Single burst      |
| 25      | 13               | 17.1                | 309.0    | Yes      | 5511.0MHz, -64.0dBm      | Single burst      |
| 26      | 13               | 14.4                | 317.0    | Yes      | 5517.6MHz, -64.0dBm      | Single burst      |
| 27      | 14               | 16.1                | 441.0    | Yes      | 5520.5MHz, -64.0dBm      | Single burst      |
| 28      | 15               | 17.1                | 301.0    | Yes      | 5526.8MHz, -64.0dBm      | Single burst      |
| 29      | 14               | 18.6                | 243.0    | Yes      | 5528.1MHz, -64.0dBm      | Single burst      |
| 30      | 12               | 17.4                | 323.0    | Yes      | 5491.9MHz, -64.0dBm      | Single burst      |

**Table 51 - Long Sequence Waveform Summary 802.11n40**

| Long Sequence Trial | Result   | Radar Frequency / Amplitude |
|---------------------|----------|-----------------------------|
| Trial #1            | Detected | 5510.0MHz, -64.0dBm         |
| Trial #2            | Detected | 5511.7MHz, -64.0dBm         |
| Trial #3            | Detected | 5515.5MHz, -64.0dBm         |
| Trial #4            | Detected | 5519.4MHz, -64.0dBm         |
| Trial #5            | Detected | 5521.9MHz, -64.0dBm         |
| Trial #6            | Detected | 5524.5MHz, -64.0dBm         |
| Trial #7            | Detected | 5495.5MHz, -64.0dBm         |
| Trial #8            | Detected | 5499.9MHz, -64.0dBm         |
| Trial #9            | Detected | 5503.3MHz, -64.0dBm         |
| Trial #10           | Detected | 5507.3MHz, -64.0dBm         |
| Trial #11           | Detected | 5508.7MHz, -64.0dBm         |
| Trial #12           | Detected | 5510.1MHz, -64.0dBm         |
| Trial #13           | Detected | 5515.8MHz, -64.0dBm         |
| Trial #14           | Detected | 5522.1MHz, -64.0dBm         |
| Trial #15           | Detected | 5523.9MHz, -64.0dBm         |
| Trial #16           | Detected | 5524.5MHz, -64.0dBm         |
| Trial #17           | Detected | 5495.5MHz, -64.0dBm         |
| Trial #18           | Detected | 5496.9MHz, -64.0dBm         |
| Trial #19           | Detected | 5498.1MHz, -64.0dBm         |
| Trial #20           | Detected | 5504.8MHz, -64.0dBm         |
| Trial #21           | Detected | 5508.4MHz, -64.0dBm         |
| Trial #22           | Detected | 5511.8MHz, -64.0dBm         |
| Trial #23           | Detected | 5515.5MHz, -64.0dBm         |
| Trial #24           | Detected | 5520.9MHz, -64.0dBm         |
| Trial #25           | Detected | 5522.7MHz, -64.0dBm         |
| Trial #26           | Detected | 5524.5MHz, -64.0dBm         |
| Trial #27           | Detected | 5495.5MHz, -64.0dBm         |
| Trial #28           | Detected | 5499.0MHz, -64.0dBm         |
| Trial #29           | Detected | 5501.6MHz, -64.0dBm         |
| Trial #30           | Detected | 5507.1MHz, -64.0dBm         |

**Table 52 - Long Sequence Waveform Trial#1 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 87.3             | 9           | -                    | -                    | 0.082506       |
| 2       | 2        | 78.6             | 9           | 1069.0               | -                    | 1.340425       |
| 3       | 1        | 82.0             | 19          | -                    | -                    | 2.170446       |
| 4       | 2        | 89.4             | 7           | 1374.0               | -                    | 2.485113       |
| 5       | 1        | 59.1             | 8           | -                    | -                    | 3.591165       |
| 6       | 2        | 78.6             | 9           | 1387.0               | -                    | 3.841405       |
| 7       | 2        | 96.5             | 16          | 1274.0               | -                    | 5.025860       |
| 8       | 2        | 94.5             | 11          | 1625.0               | -                    | 5.333308       |
| 9       | 2        | 77.0             | 15          | 1136.0               | -                    | 6.329712       |
| 10      | 2        | 65.8             | 8           | 1135.0               | -                    | 7.458973       |
| 11      | 2        | 74.1             | 6           | 1756.0               | -                    | 8.022026       |
| 12      | 2        | 77.3             | 6           | 1821.0               | -                    | 8.345470       |
| 13      | 2        | 55.3             | 11          | 1732.0               | -                    | 9.075681       |
| 14      | 1        | 62.3             | 13          | -                    | -                    | 10.001078      |
| 15      | 2        | 88.1             | 9           | 1842.0               | -                    | 11.102575      |
| 16      | 3        | 54.6             | 18          | 1499.0               | 1012.0               | 11.401432      |

**Table 53 - Long Sequence Waveform Trial#2 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 99.8             | 12          | 1968.0               | -                    | 0.491387       |
| 2       | 3        | 98.8             | 7           | 1954.0               | 1360.0               | 0.721314       |
| 3       | 3        | 79.7             | 13          | 1883.0               | 1339.0               | 1.706282       |
| 4       | 2        | 69.9             | 18          | 1884.0               | -                    | 1.951053       |
| 5       | 2        | 83.6             | 14          | 1017.0               | -                    | 2.687327       |
| 6       | 2        | 51.3             | 18          | 1983.0               | -                    | 3.300667       |
| 7       | 2        | 94.8             | 17          | 1005.0               | -                    | 3.853910       |
| 8       | 1        | 77.9             | 11          | -                    | -                    | 4.771317       |
| 9       | 2        | 83.9             | 16          | 1102.0               | -                    | 5.366718       |
| 10      | 3        | 58.9             | 16          | 1778.0               | 1732.0               | 5.478823       |
| 11      | 1        | 93.1             | 6           | -                    | -                    | 6.021384       |
| 12      | 1        | 98.8             | 15          | -                    | -                    | 7.161866       |
| 13      | 1        | 76.4             | 19          | -                    | -                    | 7.368183       |
| 14      | 2        | 75.2             | 20          | 1976.0               | -                    | 8.380321       |
| 15      | 1        | 93.3             | 9           | -                    | -                    | 8.689747       |
| 16      | 1        | 75.7             | 16          | -                    | -                    | 9.406047       |
| 17      | 2        | 79.6             | 18          | 1028.0               | -                    | 10.194588      |
| 18      | 2        | 52.6             | 15          | 1547.0               | -                    | 10.478438      |
| 19      | 1        | 50.6             | 6           | -                    | -                    | 11.186738      |
| 20      | 3        | 78.8             | 16          | 1413.0               | 1918.0               | 11.831598      |

**Table 54 - Long Sequence Waveform Trial#3 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 81.7             | 7           | 1709.0               | -                    | 0.628147       |
| 2       | 2        | 89.0             | 10          | 1224.0               | -                    | 1.536224       |
| 3       | 3        | 83.0             | 6           | 1199.0               | 1419.0               | 2.182352       |
| 4       | 2        | 98.3             | 6           | 1061.0               | -                    | 3.514008       |
| 5       | 2        | 54.9             | 20          | 1034.0               | -                    | 4.748400       |
| 6       | 2        | 57.5             | 19          | 1541.0               | -                    | 5.691559       |
| 7       | 3        | 83.6             | 7           | 1616.0               | 1605.0               | 7.234399       |
| 8       | 2        | 52.6             | 7           | 1168.0               | -                    | 7.820646       |
| 9       | 2        | 75.0             | 9           | 1221.0               | -                    | 9.717008       |
| 10      | 2        | 96.7             | 14          | 1497.0               | -                    | 9.848163       |
| 11      | 2        | 64.1             | 16          | 1463.0               | -                    | 11.183777      |

**Table 55 - Long Sequence Waveform Trial#4 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 69.6             | 8           | -                    | -                    | 0.495445       |
| 2       | 1        | 59.7             | 8           | -                    | -                    | 1.838662       |
| 3       | 2        | 84.5             | 8           | 1120.0               | -                    | 2.031109       |
| 4       | 2        | 63.1             | 5           | 1182.0               | -                    | 3.631627       |
| 5       | 3        | 50.8             | 17          | 1234.0               | 1599.0               | 4.538376       |
| 6       | 2        | 99.8             | 15          | 1040.0               | -                    | 5.317534       |
| 7       | 1        | 69.3             | 15          | -                    | -                    | 6.166371       |
| 8       | 2        | 71.9             | 20          | 1290.0               | -                    | 7.427284       |
| 9       | 3        | 68.3             | 14          | 1271.0               | 1221.0               | 8.318971       |
| 10      | 2        | 75.8             | 15          | 1814.0               | -                    | 9.266090       |
| 11      | 3        | 92.6             | 14          | 1069.0               | 1749.0               | 10.272071      |
| 12      | 1        | 86.2             | 12          | -                    | -                    | 11.803697      |

**Table 56 - Long Sequence Waveform Trial#5 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 99.4             | 16          | 1827.0               | -                    | 0.049557       |
| 2       | 3        | 92.9             | 11          | 1660.0               | 1540.0               | 1.750589       |
| 3       | 3        | 63.7             | 18          | 1602.0               | 1193.0               | 2.893686       |
| 4       | 2        | 55.4             | 16          | 1817.0               | -                    | 4.248564       |
| 5       | 3        | 98.8             | 16          | 1117.0               | 1625.0               | 5.243026       |
| 6       | 2        | 62.4             | 14          | 1132.0               | -                    | 6.102002       |
| 7       | 1        | 68.0             | 16          | -                    | -                    | 6.599013       |
| 8       | 3        | 89.4             | 12          | 1165.0               | 1250.0               | 8.308171       |
| 9       | 2        | 53.2             | 19          | 1710.0               | -                    | 9.266601       |
| 10      | 3        | 96.3             | 13          | 1845.0               | 1070.0               | 10.855873      |
| 11      | 2        | 57.8             | 8           | 1312.0               | -                    | 11.068497      |

**Table 57 - Long Sequence Waveform Trial#6 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 88.7             | 16          | 1913.0               | 1418.0               | 0.445591       |
| 2       | 3        | 72.2             | 19          | 1989.0               | 1211.0               | 1.118601       |
| 3       | 1        | 91.7             | 7           | -                    | -                    | 1.398482       |
| 4       | 3        | 85.9             | 7           | 1600.0               | 1540.0               | 2.298979       |
| 5       | 2        | 67.5             | 8           | 1699.0               | -                    | 3.228327       |
| 6       | 2        | 73.1             | 12          | 1664.0               | -                    | 3.712198       |
| 7       | 2        | 58.8             | 7           | 1513.0               | -                    | 4.475241       |
| 8       | 3        | 62.7             | 19          | 1070.0               | 1875.0               | 5.209658       |
| 9       | 2        | 51.7             | 11          | 1504.0               | -                    | 5.695881       |
| 10      | 3        | 60.9             | 15          | 1127.0               | 1743.0               | 6.383890       |
| 11      | 2        | 88.4             | 6           | 1434.0               | -                    | 6.929850       |
| 12      | 3        | 91.6             | 17          | 1125.0               | 1416.0               | 7.940875       |
| 13      | 3        | 65.8             | 11          | 1689.0               | 1227.0               | 8.300833       |
| 14      | 1        | 91.9             | 6           | -                    | -                    | 8.775251       |
| 15      | 3        | 57.3             | 12          | 1172.0               | 1671.0               | 9.571553       |
| 16      | 1        | 77.0             | 14          | -                    | -                    | 10.132316      |
| 17      | 2        | 75.5             | 17          | 1212.0               | -                    | 10.882259      |
| 18      | 2        | 70.5             | 6           | 1290.0               | -                    | 11.645879      |

**Table 58 - Long Sequence Waveform Trial#7 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 64.6             | 11          | -                    | -                    | 0.588728       |
| 2       | 2        | 53.9             | 12          | 1958.0               | -                    | 1.217800       |
| 3       | 2        | 77.6             | 8           | 1536.0               | -                    | 1.293003       |
| 4       | 2        | 56.0             | 18          | 1228.0               | -                    | 2.498767       |
| 5       | 2        | 68.9             | 18          | 1499.0               | -                    | 2.864338       |
| 6       | 2        | 96.1             | 10          | 1253.0               | -                    | 3.240123       |
| 7       | 1        | 68.0             | 9           | -                    | -                    | 3.923031       |
| 8       | 2        | 83.0             | 16          | 1990.0               | -                    | 4.677140       |
| 9       | 1        | 92.6             | 19          | -                    | -                    | 5.215873       |
| 10      | 3        | 62.6             | 19          | 1879.0               | 1856.0               | 6.162224       |
| 11      | 2        | 54.8             | 6           | 1411.0               | -                    | 6.829191       |
| 12      | 3        | 60.7             | 11          | 1992.0               | 1675.0               | 7.349601       |
| 13      | 2        | 69.0             | 18          | 1607.0               | -                    | 7.914401       |
| 14      | 2        | 99.8             | 16          | 1012.0               | -                    | 8.584999       |
| 15      | 2        | 75.9             | 10          | 1356.0               | -                    | 9.119918       |
| 16      | 1        | 83.6             | 12          | -                    | -                    | 9.571079       |
| 17      | 2        | 89.0             | 8           | 1499.0               | -                    | 10.544002      |
| 18      | 3        | 97.7             | 18          | 1678.0               | 1457.0               | 11.059623      |
| 19      | 3        | 92.4             | 19          | 1714.0               | 1962.0               | 11.892456      |

**Table 59 - Long Sequence Waveform Trial#8 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 54.9             | 15          | -                    | -                    | 0.551760       |
| 2       | 2        | 59.3             | 9           | 1580.0               | -                    | 0.829569       |
| 3       | 2        | 54.0             | 15          | 1882.0               | -                    | 1.694176       |
| 4       | 2        | 61.8             | 19          | 1212.0               | -                    | 2.939543       |
| 5       | 1        | 73.7             | 8           | -                    | -                    | 3.904716       |
| 6       | 2        | 86.4             | 13          | 1269.0               | -                    | 4.457634       |
| 7       | 2        | 52.3             | 9           | 1614.0               | -                    | 5.384689       |
| 8       | 3        | 66.8             | 11          | 1497.0               | 1802.0               | 6.067235       |
| 9       | 2        | 92.4             | 19          | 1377.0               | -                    | 6.603627       |
| 10      | 2        | 80.1             | 18          | 1967.0               | -                    | 7.308758       |
| 11      | 3        | 67.6             | 10          | 1528.0               | 1788.0               | 8.692361       |
| 12      | 3        | 79.2             | 9           | 1096.0               | 1555.0               | 9.466787       |
| 13      | 2        | 60.0             | 11          | 1518.0               | -                    | 9.853250       |
| 14      | 3        | 66.3             | 14          | 1786.0               | 1708.0               | 10.699416      |
| 15      | 1        | 50.6             | 16          | -                    | -                    | 11.762484      |

**Table 60 - Long Sequence Waveform Trial#9 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 83.0             | 5           | 1210.0               | 1692.0               | 0.615838       |
| 2       | 2        | 53.1             | 18          | 1104.0               | -                    | 1.710230       |
| 3       | 1        | 53.9             | 5           | -                    | -                    | 1.883786       |
| 4       | 1        | 65.5             | 20          | -                    | -                    | 2.864724       |
| 5       | 2        | 85.9             | 12          | 1275.0               | -                    | 3.976863       |
| 6       | 1        | 61.0             | 17          | -                    | -                    | 5.179046       |
| 7       | 1        | 72.7             | 11          | -                    | -                    | 5.915785       |
| 8       | 2        | 98.6             | 19          | 1032.0               | -                    | 7.381544       |
| 9       | 2        | 84.6             | 14          | 1137.0               | -                    | 7.573168       |
| 10      | 1        | 85.1             | 8           | -                    | -                    | 9.148834       |
| 11      | 1        | 56.3             | 8           | -                    | -                    | 9.306655       |
| 12      | 2        | 78.8             | 17          | 1861.0               | -                    | 10.996225      |
| 13      | 1        | 85.7             | 12          | -                    | -                    | 11.157318      |

**Table 61 - Long Sequence Waveform Trial#10 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 87.3             | 6           | -                    | -                    | 0.648228       |
| 2       | 2        | 67.3             | 15          | 1435.0               | -                    | 1.065144       |
| 3       | 3        | 50.5             | 7           | 1353.0               | 1714.0               | 2.240546       |
| 4       | 3        | 97.3             | 9           | 1906.0               | 1381.0               | 3.973220       |
| 5       | 3        | 62.1             | 18          | 1569.0               | 1880.0               | 4.191789       |
| 6       | 1        | 91.9             | 12          | -                    | -                    | 5.074981       |
| 7       | 3        | 50.4             | 10          | 1991.0               | 1824.0               | 6.256125       |
| 8       | 3        | 84.0             | 20          | 1916.0               | 1424.0               | 7.422402       |
| 9       | 1        | 96.6             | 17          | -                    | -                    | 8.796985       |
| 10      | 2        | 63.8             | 14          | 1073.0               | -                    | 9.519891       |
| 11      | 3        | 63.4             | 12          | 1334.0               | 1203.0               | 10.313592      |
| 12      | 2        | 89.2             | 13          | 1700.0               | -                    | 11.870999      |

**Table 62 - Long Sequence Waveform Trial#11 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 80.3             | 9           | -                    | -                    | 0.109559       |
| 2       | 3        | 70.3             | 16          | 1078.0               | 1550.0               | 1.500276       |
| 3       | 3        | 80.5             | 12          | 1317.0               | 1907.0               | 2.377816       |
| 4       | 3        | 89.0             | 6           | 1917.0               | 1988.0               | 2.779015       |
| 5       | 2        | 93.8             | 16          | 1779.0               | -                    | 3.849962       |
| 6       | 1        | 81.0             | 12          | -                    | -                    | 4.345045       |
| 7       | 2        | 84.4             | 16          | 1975.0               | -                    | 5.251323       |
| 8       | 2        | 60.1             | 6           | 1486.0               | -                    | 6.023938       |
| 9       | 1        | 80.0             | 8           | -                    | -                    | 6.551527       |
| 10      | 2        | 69.9             | 6           | 1754.0               | -                    | 7.423268       |
| 11      | 3        | 83.6             | 11          | 1247.0               | 1778.0               | 8.752818       |
| 12      | 3        | 94.5             | 20          | 1070.0               | 1374.0               | 9.405890       |
| 13      | 1        | 68.7             | 13          | -                    | -                    | 9.652496       |
| 14      | 1        | 93.8             | 5           | -                    | -                    | 10.801916      |
| 15      | 1        | 70.8             | 18          | -                    | -                    | 11.348278      |

**Table 63 - Long Sequence Waveform Trial#12 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 59.7             | 13          | 1318.0               | -                    | 0.374975       |
| 2       | 2        | 73.1             | 20          | 1396.0               | -                    | 1.772096       |
| 3       | 3        | 87.4             | 18          | 1567.0               | 1900.0               | 2.133769       |
| 4       | 1        | 53.9             | 6           | -                    | -                    | 3.016854       |
| 5       | 3        | 99.6             | 20          | 1635.0               | 1357.0               | 4.615575       |
| 6       | 2        | 96.6             | 9           | 1473.0               | -                    | 5.942828       |
| 7       | 1        | 81.8             | 6           | -                    | -                    | 6.462495       |
| 8       | 3        | 58.3             | 8           | 1964.0               | 1480.0               | 7.910338       |
| 9       | 1        | 90.8             | 10          | -                    | -                    | 8.431165       |
| 10      | 3        | 66.1             | 15          | 1570.0               | 1556.0               | 9.129605       |
| 11      | 1        | 72.4             | 20          | -                    | -                    | 10.083526      |
| 12      | 1        | 67.4             | 15          | -                    | -                    | 11.008203      |

**Table 64 - Long Sequence Waveform Trial#13 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 88.5             | 17          | 1404.0               | -                    | 0.304343       |
| 2       | 2        | 59.8             | 10          | 1164.0               | -                    | 0.965744       |
| 3       | 1        | 54.2             | 15          | -                    | -                    | 2.736177       |
| 4       | 3        | 87.1             | 10          | 1658.0               | 1711.0               | 3.463266       |
| 5       | 2        | 73.3             | 16          | 1607.0               | -                    | 3.692316       |
| 6       | 3        | 89.4             | 15          | 1801.0               | 1733.0               | 4.882021       |
| 7       | 2        | 92.0             | 11          | 1269.0               | -                    | 5.544524       |
| 8       | 3        | 68.3             | 7           | 1411.0               | 1030.0               | 6.741885       |
| 9       | 2        | 76.4             | 6           | 1473.0               | -                    | 8.003905       |
| 10      | 1        | 67.2             | 11          | -                    | -                    | 9.195879       |
| 11      | 1        | 98.0             | 16          | -                    | -                    | 9.285245       |
| 12      | 2        | 60.8             | 12          | 1341.0               | -                    | 10.632965      |
| 13      | 3        | 74.2             | 7           | 1971.0               | 1840.0               | 11.549793      |

**Table 65 - Long Sequence Waveform Trial#14 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 58.3             | 9           | 1460.0               | -                    | 0.421732       |
| 2       | 2        | 58.6             | 15          | 1198.0               | -                    | 1.328765       |
| 3       | 2        | 72.9             | 17          | 1824.0               | -                    | 1.551800       |
| 4       | 1        | 71.2             | 19          | -                    | -                    | 2.150959       |
| 5       | 2        | 76.5             | 19          | 1940.0               | -                    | 3.053921       |
| 6       | 3        | 86.0             | 18          | 1056.0               | 1083.0               | 3.624567       |
| 7       | 3        | 55.9             | 10          | 1962.0               | 1940.0               | 4.601131       |
| 8       | 3        | 74.6             | 20          | 1422.0               | 1671.0               | 4.858556       |
| 9       | 2        | 62.8             | 16          | 1274.0               | -                    | 5.844384       |
| 10      | 2        | 77.9             | 17          | 1989.0               | -                    | 6.220650       |
| 11      | 1        | 50.9             | 16          | -                    | -                    | 6.813031       |
| 12      | 2        | 69.0             | 8           | 1500.0               | -                    | 7.765004       |
| 13      | 1        | 79.3             | 11          | -                    | -                    | 8.470204       |
| 14      | 3        | 80.1             | 17          | 1163.0               | 1364.0               | 8.890084       |
| 15      | 3        | 73.4             | 11          | 1444.0               | 1290.0               | 9.796522       |
| 16      | 1        | 75.5             | 14          | -                    | -                    | 10.396856      |
| 17      | 2        | 82.6             | 9           | 1606.0               | -                    | 10.747059      |
| 18      | 3        | 77.1             | 16          | 1076.0               | 1287.0               | 11.658123      |

**Table 66 - Long Sequence Waveform Trial#15 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 67.5             | 18          | 1915.0               | -                    | 0.346429       |
| 2       | 3        | 96.9             | 17          | 1916.0               | 1216.0               | 0.885633       |
| 3       | 2        | 62.3             | 13          | 1136.0               | -                    | 2.180618       |
| 4       | 2        | 58.9             | 12          | 1730.0               | -                    | 2.613696       |
| 5       | 2        | 92.9             | 8           | 1296.0               | -                    | 3.704807       |
| 6       | 1        | 57.6             | 20          | -                    | -                    | 4.243458       |
| 7       | 3        | 74.8             | 9           | 1927.0               | 1360.0               | 4.924878       |
| 8       | 2        | 74.1             | 17          | 1860.0               | -                    | 5.703695       |
| 9       | 2        | 79.6             | 12          | 1436.0               | -                    | 6.247668       |
| 10      | 2        | 74.1             | 19          | 1554.0               | -                    | 6.891116       |
| 11      | 1        | 87.1             | 13          | -                    | -                    | 7.532707       |
| 12      | 2        | 81.8             | 6           | 1898.0               | -                    | 8.660633       |
| 13      | 2        | 64.4             | 9           | 1711.0               | -                    | 9.720755       |
| 14      | 2        | 96.3             | 8           | 1115.0               | -                    | 10.164508      |
| 15      | 2        | 52.8             | 17          | 1808.0               | -                    | 10.580366      |
| 16      | 1        | 61.6             | 17          | -                    | -                    | 11.897028      |

**Table 67 - Long Sequence Waveform Trial#16 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 51.0             | 17          | -                    | -                    | 0.170560       |
| 2       | 2        | 74.2             | 17          | 1568.0               | -                    | 0.898516       |
| 3       | 1        | 58.4             | 16          | -                    | -                    | 2.418716       |
| 4       | 1        | 55.3             | 15          | -                    | -                    | 2.910689       |
| 5       | 1        | 72.3             | 5           | -                    | -                    | 4.114483       |
| 6       | 1        | 97.5             | 20          | -                    | -                    | 4.701198       |
| 7       | 1        | 55.2             | 18          | -                    | -                    | 5.687928       |
| 8       | 2        | 58.5             | 14          | 1081.0               | -                    | 6.144784       |
| 9       | 1        | 71.9             | 6           | -                    | -                    | 7.317581       |
| 10      | 3        | 99.6             | 12          | 1865.0               | 1139.0               | 8.116231       |
| 11      | 3        | 65.3             | 18          | 1091.0               | 1994.0               | 9.353412       |
| 12      | 2        | 98.6             | 6           | 1096.0               | -                    | 10.175147      |
| 13      | 3        | 84.5             | 14          | 1614.0               | 1142.0               | 10.622799      |
| 14      | 2        | 79.9             | 12          | 1953.0               | -                    | 11.533054      |

**Table 68 - Long Sequence Waveform Trial#17 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 62.2             | 8           | 1132.0               | 1782.0               | 0.310989       |
| 2       | 2        | 75.0             | 9           | 1760.0               | -                    | 0.781587       |
| 3       | 2        | 56.9             | 19          | 1038.0               | -                    | 1.611726       |
| 4       | 2        | 84.4             | 18          | 1491.0               | -                    | 2.549744       |
| 5       | 2        | 72.4             | 11          | 1468.0               | -                    | 2.936402       |
| 6       | 2        | 98.3             | 8           | 1885.0               | -                    | 3.946116       |
| 7       | 2        | 97.5             | 6           | 1565.0               | -                    | 4.672941       |
| 8       | 3        | 69.2             | 19          | 1946.0               | 1060.0               | 5.242369       |
| 9       | 3        | 94.4             | 20          | 1487.0               | 1403.0               | 5.773615       |
| 10      | 2        | 94.9             | 17          | 1670.0               | -                    | 7.015197       |
| 11      | 2        | 50.7             | 14          | 1300.0               | -                    | 7.355498       |
| 12      | 3        | 86.6             | 14          | 1027.0               | 1819.0               | 8.246238       |
| 13      | 2        | 82.9             | 16          | 1494.0               | -                    | 8.901458       |
| 14      | 1        | 97.6             | 11          | -                    | -                    | 9.648861       |
| 15      | 3        | 71.7             | 12          | 1046.0               | 1018.0               | 10.544637      |
| 16      | 2        | 98.2             | 13          | 1199.0               | -                    | 10.970428      |
| 17      | 3        | 87.7             | 10          | 1945.0               | 1024.0               | 11.706799      |

**Table 69 - Long Sequence Waveform Trial#18 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 65.4             | 16          | 1194.0               | -                    | 0.621051       |
| 2       | 3        | 73.7             | 19          | 1357.0               | 1111.0               | 0.905017       |
| 3       | 1        | 79.8             | 8           | -                    | -                    | 1.668760       |
| 4       | 2        | 55.2             | 7           | 1458.0               | -                    | 2.241033       |
| 5       | 1        | 89.6             | 7           | -                    | -                    | 2.842644       |
| 6       | 3        | 80.9             | 5           | 1111.0               | 1769.0               | 3.452153       |
| 7       | 2        | 71.3             | 7           | 1345.0               | -                    | 4.331961       |
| 8       | 2        | 69.2             | 13          | 1825.0               | -                    | 4.600135       |
| 9       | 1        | 96.0             | 6           | -                    | -                    | 5.238368       |
| 10      | 1        | 86.5             | 9           | -                    | -                    | 6.119351       |
| 11      | 2        | 91.9             | 12          | 1606.0               | -                    | 6.869912       |
| 12      | 2        | 51.8             | 18          | 1814.0               | -                    | 7.157753       |
| 13      | 2        | 61.3             | 8           | 1428.0               | -                    | 7.628461       |
| 14      | 3        | 74.7             | 9           | 1423.0               | 1446.0               | 8.445702       |
| 15      | 1        | 92.2             | 15          | -                    | -                    | 9.433663       |
| 16      | 2        | 74.5             | 5           | 1225.0               | -                    | 9.494970       |
| 17      | 3        | 96.0             | 14          | 1136.0               | 1956.0               | 10.486538      |
| 18      | 3        | 65.6             | 14          | 1864.0               | 1639.0               | 10.764388      |
| 19      | 1        | 93.7             | 10          | -                    | -                    | 11.908497      |

**Table 70 - Long Sequence Waveform Trial#19 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 63.4             | 18          | 1562.0               | 1659.0               | 0.157174       |
| 2       | 3        | 85.2             | 5           | 1403.0               | 1361.0               | 1.069904       |
| 3       | 3        | 84.6             | 10          | 1900.0               | 1093.0               | 1.689822       |
| 4       | 2        | 93.3             | 19          | 1605.0               | -                    | 2.770625       |
| 5       | 1        | 51.4             | 14          | -                    | -                    | 3.856722       |
| 6       | 2        | 62.8             | 11          | 1850.0               | -                    | 4.126136       |
| 7       | 2        | 78.6             | 9           | 1676.0               | -                    | 5.075096       |
| 8       | 2        | 93.2             | 11          | 1872.0               | -                    | 5.965313       |
| 9       | 2        | 86.4             | 12          | 1469.0               | -                    | 6.824510       |
| 10      | 2        | 63.7             | 6           | 1298.0               | -                    | 7.534407       |
| 11      | 1        | 71.7             | 18          | -                    | -                    | 8.487490       |
| 12      | 2        | 67.6             | 6           | 1852.0               | -                    | 9.241315       |
| 13      | 1        | 85.3             | 13          | -                    | -                    | 9.955214       |
| 14      | 2        | 50.6             | 7           | 1771.0               | -                    | 10.975417      |
| 15      | 2        | 68.4             | 15          | 1839.0               | -                    | 11.246038      |

**Table 71 - Long Sequence Waveform Trial#20 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 83.0             | 6           | -                    | -                    | 0.986733       |
| 2       | 3        | 85.6             | 16          | 1189.0               | 1695.0               | 1.968874       |
| 3       | 2        | 54.3             | 12          | 1672.0               | -                    | 3.965140       |
| 4       | 1        | 75.2             | 17          | -                    | -                    | 4.751797       |
| 5       | 2        | 86.3             | 19          | 1312.0               | -                    | 6.567943       |
| 6       | 3        | 86.1             | 7           | 1582.0               | 1526.0               | 7.101921       |
| 7       | 1        | 53.0             | 15          | -                    | -                    | 8.861427       |
| 8       | 3        | 76.2             | 19          | 1961.0               | 1618.0               | 9.861304       |
| 9       | 2        | 78.0             | 10          | 1036.0               | -                    | 11.855860      |

**Table 72 - Long Sequence Waveform Trial#21 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 58.1             | 14          | 1919.0               | -                    | 0.351041       |
| 2       | 1        | 74.8             | 17          | -                    | -                    | 1.498828       |
| 3       | 1        | 51.0             | 19          | -                    | -                    | 2.812720       |
| 4       | 2        | 63.3             | 5           | 1464.0               | -                    | 3.225082       |
| 5       | 3        | 85.4             | 7           | 1320.0               | 1579.0               | 4.398848       |
| 6       | 2        | 85.2             | 8           | 1188.0               | -                    | 5.017686       |
| 7       | 1        | 68.3             | 9           | -                    | -                    | 6.896844       |
| 8       | 3        | 66.6             | 7           | 1242.0               | 1039.0               | 7.476207       |
| 9       | 1        | 51.7             | 9           | -                    | -                    | 8.211045       |
| 10      | 2        | 53.5             | 12          | 1349.0               | -                    | 9.867590       |
| 11      | 2        | 69.6             | 13          | 1399.0               | -                    | 10.542235      |
| 12      | 3        | 55.7             | 16          | 1580.0               | 1561.0               | 11.392394      |

**Table 73 - Long Sequence Waveform Trial#22 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 57.5             | 16          | -                    | -                    | 0.560223       |
| 2       | 2        | 58.7             | 15          | 1469.0               | -                    | 0.753515       |
| 3       | 3        | 74.9             | 7           | 1279.0               | 1537.0               | 1.522772       |
| 4       | 2        | 55.5             | 12          | 1851.0               | -                    | 2.166486       |
| 5       | 2        | 50.4             | 9           | 1424.0               | -                    | 2.654632       |
| 6       | 2        | 51.5             | 19          | 1033.0               | -                    | 3.591157       |
| 7       | 3        | 82.5             | 12          | 1946.0               | 1754.0               | 4.083091       |
| 8       | 2        | 96.3             | 8           | 1988.0               | -                    | 4.440554       |
| 9       | 2        | 83.3             | 20          | 1111.0               | -                    | 4.831477       |
| 10      | 2        | 57.5             | 14          | 1456.0               | -                    | 5.605283       |
| 11      | 1        | 78.7             | 5           | -                    | -                    | 6.453016       |
| 12      | 3        | 89.8             | 12          | 1078.0               | 1768.0               | 6.718766       |
| 13      | 2        | 59.5             | 8           | 1500.0               | -                    | 7.313039       |
| 14      | 3        | 83.1             | 15          | 1166.0               | 1446.0               | 8.379597       |
| 15      | 1        | 70.6             | 11          | -                    | -                    | 8.670744       |
| 16      | 3        | 81.1             | 9           | 1884.0               | 1981.0               | 9.442731       |
| 17      | 2        | 94.3             | 20          | 1703.0               | -                    | 10.107623      |
| 18      | 3        | 55.3             | 15          | 1194.0               | 1688.0               | 10.504709      |
| 19      | 2        | 62.3             | 6           | 1157.0               | -                    | 11.174841      |
| 20      | 3        | 72.4             | 12          | 1452.0               | 1218.0               | 11.863319      |

**Table 74 - Long Sequence Waveform Trial#23 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 66.9             | 6           | 1519.0               | 1352.0               | 0.061467       |
| 2       | 2        | 98.6             | 6           | 1006.0               | -                    | 1.229052       |
| 3       | 2        | 98.9             | 14          | 1094.0               | -                    | 1.641675       |
| 4       | 2        | 51.7             | 18          | 1347.0               | -                    | 2.499695       |
| 5       | 1        | 95.7             | 11          | -                    | -                    | 3.286428       |
| 6       | 2        | 97.6             | 10          | 1622.0               | -                    | 3.625426       |
| 7       | 3        | 81.6             | 9           | 1711.0               | 1248.0               | 4.454732       |
| 8       | 1        | 53.3             | 8           | -                    | -                    | 5.128975       |
| 9       | 2        | 76.1             | 19          | 1551.0               | -                    | 5.932462       |
| 10      | 1        | 85.8             | 10          | -                    | -                    | 6.688346       |
| 11      | 2        | 79.4             | 19          | 1553.0               | -                    | 7.266470       |
| 12      | 2        | 68.2             | 6           | 1811.0               | -                    | 8.041325       |
| 13      | 1        | 61.2             | 14          | -                    | -                    | 8.757901       |
| 14      | 3        | 67.4             | 14          | 1411.0               | 1154.0               | 9.509198       |
| 15      | 3        | 52.6             | 6           | 1347.0               | 1753.0               | 9.905923       |
| 16      | 2        | 75.3             | 14          | 1356.0               | -                    | 10.927721      |
| 17      | 1        | 99.2             | 15          | -                    | -                    | 11.312345      |

**Table 75 - Long Sequence Waveform Trial#24 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 53.3             | 10          | 1077.0               | -                    | 0.591897       |
| 2       | 2        | 96.2             | 17          | 1634.0               | -                    | 0.837809       |
| 3       | 2        | 80.0             | 18          | 1385.0               | -                    | 2.203567       |
| 4       | 3        | 99.2             | 19          | 1105.0               | 1879.0               | 2.334173       |
| 5       | 1        | 77.1             | 16          | -                    | -                    | 3.591676       |
| 6       | 2        | 82.2             | 13          | 1893.0               | -                    | 3.947788       |
| 7       | 1        | 65.0             | 12          | -                    | -                    | 4.712328       |
| 8       | 3        | 74.5             | 7           | 1836.0               | 1353.0               | 5.526429       |
| 9       | 2        | 68.5             | 13          | 1808.0               | -                    | 6.107285       |
| 10      | 2        | 87.3             | 11          | 1089.0               | -                    | 7.302313       |
| 11      | 2        | 82.8             | 16          | 1806.0               | -                    | 7.990818       |
| 12      | 2        | 70.7             | 10          | 1382.0               | -                    | 8.608460       |
| 13      | 3        | 90.4             | 17          | 1704.0               | 1542.0               | 9.121089       |
| 14      | 3        | 83.1             | 7           | 1756.0               | 1358.0               | 9.817064       |
| 15      | 2        | 96.1             | 19          | 1477.0               | -                    | 11.041420      |
| 16      | 2        | 56.0             | 18          | 1071.0               | -                    | 11.968772      |

**Table 76 - Long Sequence Waveform Trial#25 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 52.5             | 7           | 1320.0               | 1056.0               | 0.711151       |
| 2       | 2        | 84.7             | 12          | 1051.0               | -                    | 1.110706       |
| 3       | 3        | 80.0             | 17          | 1682.0               | 1287.0               | 2.112468       |
| 4       | 2        | 95.7             | 16          | 1372.0               | -                    | 3.729240       |
| 5       | 1        | 58.6             | 16          | -                    | -                    | 4.365430       |
| 6       | 3        | 80.8             | 8           | 1719.0               | 1252.0               | 5.239038       |
| 7       | 2        | 90.9             | 16          | 1601.0               | -                    | 6.876824       |
| 8       | 2        | 84.3             | 13          | 1661.0               | -                    | 7.939503       |
| 9       | 3        | 69.6             | 8           | 1952.0               | 1816.0               | 8.544470       |
| 10      | 2        | 57.7             | 13          | 1070.0               | -                    | 9.837538       |
| 11      | 2        | 79.0             | 17          | 1050.0               | -                    | 10.199881      |
| 12      | 2        | 60.8             | 6           | 1687.0               | -                    | 11.373437      |

**Table 77 - Long Sequence Waveform Trial#26 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 58.0             | 14          | -                    | -                    | 0.526856       |
| 2       | 2        | 75.5             | 10          | 1594.0               | -                    | 0.777336       |
| 3       | 3        | 87.7             | 11          | 1945.0               | 1220.0               | 1.517396       |
| 4       | 2        | 84.4             | 19          | 1602.0               | -                    | 2.474754       |
| 5       | 2        | 98.1             | 14          | 1804.0               | -                    | 3.134767       |
| 6       | 3        | 65.7             | 17          | 1824.0               | 1604.0               | 3.332392       |
| 7       | 2        | 82.4             | 12          | 1375.0               | -                    | 4.185553       |
| 8       | 1        | 60.5             | 17          | -                    | -                    | 4.547602       |
| 9       | 3        | 85.7             | 20          | 1280.0               | 1762.0               | 5.370914       |
| 10      | 1        | 64.7             | 10          | -                    | -                    | 6.237274       |
| 11      | 2        | 55.6             | 14          | 1179.0               | -                    | 6.604679       |
| 12      | 1        | 98.5             | 9           | -                    | -                    | 7.021079       |
| 13      | 2        | 51.4             | 16          | 1213.0               | -                    | 7.768010       |
| 14      | 3        | 64.0             | 8           | 1724.0               | 1387.0               | 8.824816       |
| 15      | 2        | 58.8             | 11          | 1003.0               | -                    | 8.956734       |
| 16      | 1        | 66.4             | 14          | -                    | -                    | 9.682212       |
| 17      | 3        | 95.1             | 18          | 1078.0               | 1009.0               | 10.718975      |
| 18      | 2        | 57.8             | 14          | 1959.0               | -                    | 11.139566      |
| 19      | 2        | 83.1             | 11          | 1366.0               | -                    | 11.575217      |

**Table 78 - Long Sequence Waveform Trial#27 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 87.8             | 16          | 1787.0               | -                    | 0.591386       |
| 2       | 3        | 95.1             | 19          | 1321.0               | 1760.0               | 0.666321       |
| 3       | 2        | 58.3             | 9           | 1944.0               | -                    | 1.884527       |
| 4       | 1        | 66.0             | 10          | -                    | -                    | 2.141096       |
| 5       | 3        | 77.8             | 18          | 1059.0               | 1378.0               | 3.058571       |
| 6       | 2        | 98.1             | 16          | 1369.0               | -                    | 3.389046       |
| 7       | 2        | 83.4             | 8           | 1756.0               | -                    | 4.242484       |
| 8       | 2        | 84.3             | 7           | 1090.0               | -                    | 4.728322       |
| 9       | 3        | 89.7             | 17          | 1378.0               | 1430.0               | 5.216719       |
| 10      | 1        | 73.8             | 18          | -                    | -                    | 6.028630       |
| 11      | 2        | 63.1             | 12          | 1580.0               | -                    | 6.927536       |
| 12      | 2        | 93.6             | 17          | 1550.0               | -                    | 7.053758       |
| 13      | 2        | 62.3             | 17          | 1949.0               | -                    | 7.819322       |
| 14      | 2        | 60.1             | 5           | 1289.0               | -                    | 8.614002       |
| 15      | 2        | 65.2             | 16          | 1827.0               | -                    | 9.126230       |
| 16      | 2        | 99.0             | 11          | 1041.0               | -                    | 9.947905       |
| 17      | 2        | 90.0             | 17          | 1515.0               | -                    | 10.349785      |
| 18      | 3        | 54.8             | 19          | 1685.0               | 1494.0               | 10.756119      |
| 19      | 3        | 59.8             | 14          | 1145.0               | 1110.0               | 11.793977      |

**Table 79 - Long Sequence Waveform Trial#28 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 58.9             | 6           | 1496.0               | -                    | 0.998775       |
| 2       | 2        | 77.8             | 20          | 1259.0               | -                    | 1.667342       |
| 3       | 1        | 82.3             | 16          | -                    | -                    | 3.946425       |
| 4       | 2        | 59.2             | 16          | 1599.0               | -                    | 4.354797       |
| 5       | 2        | 78.5             | 8           | 1993.0               | -                    | 5.375535       |
| 6       | 3        | 83.1             | 13          | 1802.0               | 1485.0               | 6.710309       |
| 7       | 2        | 54.9             | 15          | 1244.0               | -                    | 8.083641       |
| 8       | 3        | 71.4             | 19          | 1123.0               | 1118.0               | 9.434500       |
| 9       | 1        | 54.9             | 11          | -                    | -                    | 11.928690      |

**Table 80 - Long Sequence Waveform Trial#29 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 73.5             | 19          | 1093.0               | -                    | 0.016896       |
| 2       | 2        | 65.6             | 13          | 1020.0               | -                    | 0.851775       |
| 3       | 2        | 52.6             | 16          | 1167.0               | -                    | 1.534177       |
| 4       | 1        | 87.1             | 9           | -                    | -                    | 2.158329       |
| 5       | 3        | 74.2             | 19          | 1764.0               | 1863.0               | 2.807482       |
| 6       | 3        | 81.2             | 7           | 1723.0               | 1808.0               | 3.431918       |
| 7       | 2        | 54.5             | 11          | 1163.0               | -                    | 4.274233       |
| 8       | 3        | 74.8             | 16          | 1452.0               | 1509.0               | 4.688983       |
| 9       | 2        | 68.5             | 11          | 1255.0               | -                    | 5.191457       |
| 10      | 3        | 95.0             | 16          | 1143.0               | 1500.0               | 5.835939       |
| 11      | 1        | 65.9             | 10          | -                    | -                    | 6.343465       |
| 12      | 2        | 98.4             | 11          | 1761.0               | -                    | 7.347881       |
| 13      | 3        | 60.1             | 18          | 1234.0               | 1639.0               | 7.833978       |
| 14      | 1        | 72.5             | 8           | -                    | -                    | 8.434152       |
| 15      | 3        | 65.2             | 12          | 1323.0               | 1594.0               | 9.268252       |
| 16      | 3        | 72.2             | 7           | 1450.0               | 1384.0               | 9.604664       |
| 17      | 3        | 50.6             | 18          | 1785.0               | 1273.0               | 10.406428      |
| 18      | 1        | 98.8             | 7           | -                    | -                    | 10.978332      |
| 19      | 2        | 96.6             | 8           | 1878.0               | -                    | 11.789296      |

**Table 81 - Long Sequence Waveform Trial#30 (Detected) 802.11n40**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 83.0             | 14          | 1822.0               | 1963.0               | 0.637744       |
| 2       | 2        | 95.5             | 10          | 1631.0               | -                    | 1.813205       |
| 3       | 2        | 96.1             | 20          | 1155.0               | -                    | 2.239538       |
| 4       | 2        | 60.6             | 14          | 1192.0               | -                    | 3.229612       |
| 5       | 2        | 78.3             | 8           | 1297.0               | -                    | 4.731205       |
| 6       | 3        | 86.1             | 6           | 1425.0               | 1662.0               | 5.818038       |
| 7       | 3        | 56.8             | 7           | 1741.0               | 1075.0               | 6.047900       |
| 8       | 3        | 86.0             | 6           | 1408.0               | 1294.0               | 7.231178       |
| 9       | 1        | 51.7             | 18          | -                    | -                    | 8.512368       |
| 10      | 1        | 62.1             | 8           | -                    | -                    | 9.340960       |
| 11      | 3        | 65.7             | 17          | 1986.0               | 1272.0               | 10.168662      |
| 12      | 3        | 76.3             | 9           | 1462.0               | 1069.0               | 11.438699      |

**Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | 9                | 1.0                 | 333.0    | Yes      | 5528.0MHz,<br>-64.0dBm      | Hop sequence: 5411, 5303, 5371, 5295, 5615, 5270, 5669, 5502, 5468, 5570, 5343, 5681, 5359, 5668, 5302, 5689, 5726, 5700, 5344, 5658, 5595, 5475, 5547, 5405, 5370, 5531, 5396, 5312, 5266, 5663, 5391, 5679, 5621, 5714, 5661, 5327, 5443, 5339, 5403, 5646, 5442, 5564, 5533, 5708, 5341, 5423, 5724, 5368, 5635, 5255, 5347, 5653, 5705, 5492, 5331, 5261, 5537, 5284, 5557, 5375, 5515, 5448, 5580, 5561, 5429, 5578, 5642, 5649, 5453, 5664, 5655, 5461, 5354, 5301, 5478, 5422, 5321, 5300, 5584, 5481, 5318, 5251, 5407, 5573, 5310, 5306, 5518, 5381, 5376, 5360, 5688, 5613, 5659, 5258, 5349, 5647, 5402, 5608, 5685, 5544 (4 hits) (04/04/2016 06:28:43 PM) |
| 2       | 9                | 1.0                 | 333.0    | Yes      | 5528.1MHz,<br>-64.0dBm      | Hop sequence: 5614, 5629, 5606, 5342, 5378, 5420, 5556, 5250, 5426, 5654, 5559, 5484, 5610, 5584, 5542, 5323, 5457, 5603, 5605, 5434, 5314, 5623, 5280, 5511, 5386, 5337, 5475, 5710, 5384, 5387, 5432, 5369, 5391, 5317, 5381, 5558, 5438, 5491, 5524, 5613, 5693, 5430, 5575, 5683, 5288, 5356, 5382, 5273, 5663, 5429, 5276, 5431, 5370, 5600, 5403, 5523, 5563, 5637, 5472, 5363, 5277, 5535, 5477, 5678, 5374, 5701, 5699, 5498, 5328, 5577, 5360, 5309, 5300, 5565, 5721, 5630, 5659, 5427, 5282, 5260, 5316, 5295, 5341, 5589, 5473, 5380, 5716, 5347, 5416, 5435, 5593, 5725, 5672, 5527, 5479, 5339, 5515, 5594, 5644, 5675 (6 hits) (04/04/2016 06:28:57 PM) |
| 3       | 9                | 1.0                 | 333.0    | Yes      | 5491.9MHz,<br>-64.0dBm      | Hop sequence: 5601, 5319, 5687, 5600, 5586, 5286, 5615, 5492, 5577, 5650, 5637, 5560, 5339, 5584, 5270, 5686, 5391, 5501, 5362, 5556, 5274, 5582, 5530, 5699, 5559, 5585, 5502, 5385, 5696, 5268, 5618, 5619, 5674, 5638, 5388, 5417, 5404, 5293, 5535, 5467, 5311, 5400, 5633, 5368, 5634, 5546, 5312, 5378,                                                                                                                                                                                                                                                                                                                                                          |

**Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5269, 5307, 5429, 5295, 5491, 5652, 5620, 5483, 5470, 5475, 5661, 5282, 5636, 5646, 5459, 5551, 5340, 5365, 5395, 5713, 5611, 5437, 5691, 5349, 5547, 5356, 5474, 5723, 5722, 5353, 5583, 5300, 5460, 5643, 5321, 5330, 5442, 5425, 5544, 5569, 5592, 5678, 5499, 5416, 5689, 5523, 5251, 5271, 5516, 5389, 5504, 5658 (7 hits) (04/04/2016 06:29:12 PM)                                                                                                                                                                                                                                                                                                               |
| 4       | 9                | 1.0                 | 333.0    | Yes      | 5492.9MHz,<br>-64.0dBm      | Hop sequence: 5340, 5300, 5624, 5467, 5658, 5630, 5380, 5429, 5626, 5497, 5612, 5557, 5511, 5589, 5702, 5318, 5556, 5594, 5351, 5539, 5654, 5516, 5288, 5432, 5685, 5417, 5568, 5682, 5322, 5537, 5255, 5625, 5366, 5656, 5382, 5599, 5715, 5689, 5310, 5297, 5337, 5371, 5308, 5663, 5555, 5675, 5358, 5713, 5444, 5711, 5499, 5587, 5267, 5680, 5263, 5307, 5655, 5412, 5434, 5416, 5553, 5460, 5691, 5276, 5404, 5266, 5695, 5636, 5426, 5399, 5694, 5563, 5312, 5419, 5430, 5724, 5441, 5640, 5330, 5319, 5282, 5699, 5324, 5262, 5388, 5620, 5529, 5532, 5332, 5314, 5541, 5574, 5483, 5716, 5524, 5637, 5506, 5649, 5647, 5561 (6 hits) (04/04/2016 06:29:26 PM) |
| 5       | 9                | 1.0                 | 333.0    | Yes      | 5493.9MHz,<br>-64.0dBm      | Hop sequence: 5300, 5427, 5627, 5479, 5655, 5582, 5464, 5514, 5571, 5376, 5681, 5432, 5713, 5458, 5554, 5251, 5393, 5532, 5486, 5337, 5530, 5551, 5581, 5661, 5724, 5588, 5449, 5570, 5399, 5610, 5440, 5298, 5351, 5700, 5404, 5678, 5587, 5338, 5652, 5701, 5513, 5363, 5697, 5412, 5592, 5523, 5299, 5447, 5619, 5721, 5311, 5718, 5635, 5710, 5336, 5356, 5502, 5423, 5687, 5325, 5602, 5407, 5653, 5371, 5643, 5359, 5444, 5640, 5680, 5303, 5526, 5596, 5305, 5583, 5454, 5598, 5649, 5658, 5568, 5435, 5632, 5414, 5567, 5327, 5347, 5608, 5629, 5703, 5556, 5453, 5565, 5290, 5291, 5535, 5372, 5546, 5443, 5533, 5471, 5342 (5 hits) (04/04/2016              |

**Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 06:29:40 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 6       | 9                | 1.0                 | 333.0    | Yes      | 5494.9MHz,<br>-64.0dBm      | Hop sequence: 5579, 5343, 5711, 5536, 5524, 5673, 5487, 5722, 5585, 5607, 5505, 5684, 5436, 5525, 5455, 5267, 5377, 5563, 5410, 5490, 5418, 5584, 5692, 5708, 5421, 5632, 5613, 5374, 5407, 5715, 5439, 5338, 5598, 5678, 5592, 5375, 5423, 5335, 5294, 5697, 5262, 5494, 5327, 5621, 5280, 5573, 5464, 5353, 5332, 5698, 5259, 5415, 5615, 5372, 5664, 5522, 5510, 5432, 5555, 5667, 5623, 5654, 5568, 5593, 5552, 5695, 5639, 5619, 5385, 5265, 5323, 5554, 5350, 5581, 5530, 5296, 5441, 5364, 5367, 5443, 5657, 5663, 5604, 5498, 5709, 5551, 5628, 5290, 5688, 5378, 5641, 5339, 5718, 5253, 5719, 5263, 5424, 5426, 5492, 5354 (8 hits) (04/04/2016 06:29:54 PM) |
| 7       | 9                | 1.0                 | 333.0    | Yes      | 5495.9MHz,<br>-64.0dBm      | Hop sequence: 5543, 5679, 5375, 5475, 5397, 5511, 5251, 5636, 5442, 5447, 5683, 5577, 5499, 5648, 5353, 5326, 5413, 5692, 5591, 5371, 5379, 5279, 5715, 5611, 5718, 5633, 5362, 5670, 5529, 5348, 5403, 5576, 5638, 5602, 5415, 5568, 5595, 5657, 5445, 5538, 5533, 5421, 5422, 5707, 5630, 5357, 5384, 5374, 5309, 5359, 5335, 5552, 5477, 5720, 5561, 5504, 5558, 5590, 5350, 5593, 5315, 5616, 5724, 5400, 5574, 5406, 5637, 5712, 5293, 5438, 5571, 5644, 5661, 5345, 5291, 5283, 5382, 5541, 5472, 5280, 5526, 5343, 5510, 5342, 5553, 5485, 5288, 5465, 5540, 5314, 5698, 5659, 5363, 5507, 5281, 5372, 5252, 5297, 5624, 5677 (6 hits) (04/04/2016 06:30:08 PM) |
| 8       | 9                | 1.0                 | 333.0    | Yes      | 5496.9MHz,<br>-64.0dBm      | Hop sequence: 5398, 5666, 5695, 5259, 5412, 5515, 5297, 5404, 5386, 5321, 5638, 5402, 5531, 5392, 5358, 5277, 5536, 5575, 5292, 5393, 5595, 5302, 5583, 5705, 5529, 5593, 5708, 5674, 5371, 5499, 5406, 5543, 5559, 5683, 5612, 5562, 5632, 5384, 5498, 5469, 5572, 5434, 5476, 5714, 5458, 5516, 5329, 5617,                                                                                                                                                                                                                                                                                                                                                          |

**Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5676, 5419, 5472, 5481, 5585, 5512, 5586, 5459, 5416, 5389, 5547, 5356, 5702, 5328, 5372, 5615, 5482, 5410, 5395, 5341, 5703, 5590, 5342, 5661, 5443, 5491, 5311, 5653, 5670, 5571, 5322, 5717, 5495, 5304, 5452, 5696, 5492, 5706, 5664, 5289, 5420, 5363, 5538, 5651, 5680, 5450, 5291, 5605, 5345, 5713, 5448, 5542 (7 hits) (04/04/2016 06:30:22 PM)                                                                                                                                                                                                                                                                                                               |
| 9       | 9                | 1.0                 | 333.0    | Yes      | 5497.9MHz,<br>-64.0dBm      | Hop sequence: 5720, 5269, 5309, 5325, 5655, 5406, 5583, 5381, 5318, 5400, 5256, 5297, 5373, 5252, 5615, 5320, 5461, 5502, 5470, 5472, 5522, 5479, 5295, 5606, 5632, 5534, 5654, 5565, 5371, 5414, 5723, 5499, 5278, 5316, 5421, 5495, 5418, 5354, 5334, 5653, 5618, 5273, 5435, 5518, 5294, 5365, 5455, 5714, 5298, 5596, 5554, 5652, 5299, 5313, 5317, 5403, 5310, 5302, 5519, 5627, 5342, 5516, 5450, 5392, 5387, 5488, 5467, 5391, 5718, 5682, 5541, 5716, 5508, 5347, 5475, 5460, 5378, 5589, 5308, 5563, 5561, 5375, 5411, 5581, 5288, 5650, 5549, 5312, 5576, 5717, 5250, 5623, 5364, 5584, 5291, 5279, 5588, 5640, 5360, 5289 (8 hits) (04/04/2016 06:30:36 PM) |
| 10      | 9                | 1.0                 | 333.0    | Yes      | 5498.9MHz,<br>-64.0dBm      | Hop sequence: 5614, 5296, 5567, 5326, 5312, 5557, 5472, 5294, 5660, 5453, 5645, 5613, 5545, 5351, 5673, 5605, 5572, 5470, 5490, 5515, 5447, 5387, 5640, 5459, 5403, 5307, 5652, 5680, 5381, 5720, 5323, 5254, 5504, 5327, 5519, 5324, 5479, 5597, 5457, 5437, 5476, 5595, 5361, 5429, 5370, 5286, 5358, 5691, 5271, 5675, 5591, 5288, 5431, 5628, 5481, 5638, 5699, 5364, 5333, 5343, 5637, 5508, 5590, 5428, 5555, 5493, 5596, 5382, 5554, 5717, 5397, 5385, 5405, 5602, 5340, 5284, 5530, 5487, 5564, 5369, 5539, 5625, 5523, 5710, 5646, 5513, 5522, 5574, 5643, 5655, 5719, 5363, 5313, 5565, 5475, 5693, 5621, 5692, 5399, 5654 (8 hits) (04/04/2016              |

**Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|------------------|---------------------|----------|----------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 06:30:50 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 11      | 9                | 1.0                 | 333.0    | Yes      | 5499.9MHz,<br>-64.0dBm      | Hop sequence: 5546, 5708, 5555,<br>5432, 5285, 5688, 5558, 5415,<br>5629, 5615, 5656, 5720, 5622,<br>5685, 5288, 5713, 5421, 5298,<br>5313, 5371, 5266, 5440, 5577,<br>5673, 5431, 5378, 5319, 5334,<br>5715, 5497, 5290, 5279, 5336,<br>5666, 5337, 5644, 5600, 5363,<br>5477, 5308, 5377, 5292, 5586,<br>5599, 5488, 5562, 5603, 5507,<br>5297, 5316, 5585, 5317, 5379,<br>5611, 5583, 5553, 5590, 5723,<br>5362, 5326, 5589, 5375, 5716,<br>5487, 5693, 5664, 5641, 5678,<br>5280, 5353, 5426, 5699, 5687,<br>5455, 5569, 5387, 5460, 5435,<br>5496, 5385, 5424, 5633, 5537,<br>5647, 5412, 5502, 5465, 5522,<br>5582, 5672, 5281, 5328, 5294,<br>5637, 5674, 5428, 5365, 5563,<br>5413, 5485 (5 hits) (04/04/2016<br>06:33:16 PM) |
| 12      | 9                | 1.0                 | 333.0    | Yes      | 5500.9MHz,<br>-64.0dBm      | Hop sequence: 5381, 5661, 5475,<br>5696, 5297, 5257, 5295, 5371,<br>5544, 5619, 5579, 5514, 5369,<br>5524, 5274, 5503, 5411, 5407,<br>5348, 5481, 5260, 5385, 5261,<br>5362, 5666, 5326, 5303, 5521,<br>5659, 5678, 5409, 5641, 5701,<br>5515, 5664, 5376, 5423, 5704,<br>5296, 5282, 5273, 5570, 5358,<br>5329, 5491, 5705, 5628, 5290,<br>5708, 5534, 5279, 5359, 5318,<br>5306, 5419, 5607, 5272, 5375,<br>5267, 5447, 5532, 5277, 5255,<br>5293, 5663, 5504, 5487, 5508,<br>5575, 5251, 5320, 5599, 5502,<br>5452, 5281, 5472, 5304, 5598,<br>5378, 5516, 5580, 5467, 5699,<br>5561, 5424, 5627, 5343, 5601,<br>5314, 5351, 5722, 5631, 5554,<br>5724, 5336, 5390, 5373, 5404,<br>5692, 5433 (9 hits) (04/04/2016<br>06:33:31 PM) |
| 13      | 9                | 1.0                 | 333.0    | Yes      | 5501.9MHz,<br>-64.0dBm      | Hop sequence: 5467, 5287, 5715,<br>5319, 5546, 5320, 5502, 5707,<br>5429, 5689, 5470, 5539, 5363,<br>5480, 5549, 5412, 5294, 5562,<br>5570, 5555, 5464, 5580, 5589,<br>5536, 5396, 5615, 5461, 5611,<br>5356, 5447, 5657, 5420, 5430,<br>5295, 5310, 5514, 5401, 5364,<br>5620, 5360, 5721, 5318, 5437,<br>5639, 5537, 5543, 5382, 5724,                                                                                                                                                                                                                                                                                                                                                                                              |

**Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5669, 5496, 5499, 5658, 5415, 5426, 5375, 5478, 5390, 5384, 5643, 5506, 5414, 5449, 5383, 5463, 5561, 5402, 5508, 5327, 5441, 5309, 5632, 5334, 5679, 5582, 5381, 5445, 5263, 5468, 5332, 5438, 5503, 5628, 5427, 5371, 5460, 5466, 5387, 5617, 5524, 5597, 5601, 5293, 5329, 5342, 5682, 5554, 5423, 5453, 5322, 5454 (8 hits) (04/04/2016 06:33:48 PM)                                                                                                                                                                                                                                                                                                               |
| 14      | 9                | 1.0                 | 333.0    | Yes      | 5502.9MHz,<br>-64.0dBm      | Hop sequence: 5678, 5399, 5593, 5702, 5481, 5663, 5371, 5570, 5672, 5592, 5531, 5447, 5468, 5420, 5656, 5600, 5628, 5396, 5548, 5564, 5661, 5301, 5368, 5609, 5338, 5303, 5686, 5493, 5620, 5294, 5552, 5280, 5310, 5275, 5281, 5466, 5360, 5534, 5372, 5595, 5353, 5699, 5577, 5638, 5411, 5650, 5706, 5489, 5391, 5266, 5361, 5525, 5403, 5279, 5563, 5290, 5601, 5470, 5435, 5688, 5479, 5566, 5254, 5449, 5477, 5647, 5464, 5325, 5696, 5701, 5467, 5662, 5378, 5480, 5634, 5555, 5332, 5484, 5345, 5645, 5255, 5578, 5432, 5501, 5443, 5369, 5250, 5529, 5546, 5719, 5652, 5588, 5412, 5387, 5271, 5444, 5304, 5677, 5330, 5587 (3 hits) (04/04/2016 06:34:02 PM) |
| 15      | 9                | 1.0                 | 333.0    | Yes      | 5503.9MHz,<br>-64.0dBm      | Hop sequence: 5606, 5482, 5311, 5480, 5709, 5330, 5361, 5612, 5619, 5694, 5610, 5722, 5493, 5395, 5440, 5389, 5458, 5679, 5445, 5582, 5271, 5280, 5508, 5595, 5569, 5378, 5717, 5641, 5646, 5343, 5524, 5541, 5585, 5278, 5380, 5422, 5489, 5710, 5579, 5715, 5716, 5629, 5357, 5475, 5302, 5640, 5402, 5572, 5664, 5491, 5687, 5438, 5313, 5384, 5506, 5297, 5334, 5651, 5599, 5446, 5553, 5696, 5703, 5613, 5552, 5601, 5654, 5544, 5593, 5565, 5399, 5677, 5393, 5267, 5354, 5564, 5616, 5259, 5300, 5355, 5690, 5575, 5637, 5515, 5615, 5636, 5546, 5296, 5292, 5650, 5367, 5631, 5462, 5467, 5250, 5340, 5329, 5657, 5301, 5556 (5 hits) (04/04/2016              |

**Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 06:34:16 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 16      | 9                | 1.0                 | 333.0    | Yes      | 5504.9MHz,<br>-64.0dBm      | Hop sequence: 5688, 5273, 5663, 5483, 5453, 5404, 5587, 5336, 5591, 5562, 5280, 5549, 5310, 5579, 5611, 5303, 5294, 5568, 5673, 5371, 5254, 5399, 5383, 5448, 5602, 5656, 5325, 5490, 5633, 5708, 5576, 5343, 5519, 5416, 5427, 5436, 5466, 5287, 5393, 5464, 5711, 5456, 5332, 5704, 5259, 5523, 5657, 5639, 5437, 5646, 5362, 5702, 5367, 5252, 5675, 5451, 5390, 5529, 5603, 5630, 5668, 5672, 5305, 5311, 5609, 5561, 5282, 5269, 5578, 5548, 5338, 5556, 5420, 5697, 5379, 5539, 5380, 5312, 5388, 5531, 5589, 5277, 5405, 5524, 5270, 5615, 5407, 5511, 5366, 5599, 5401, 5342, 5694, 5386, 5685, 5345, 5331, 5634, 5313, 5671 (4 hits) (04/04/2016 06:34:32 PM) |
| 17      | 9                | 1.0                 | 333.0    | Yes      | 5505.9MHz,<br>-64.0dBm      | Hop sequence: 5646, 5478, 5258, 5619, 5340, 5399, 5449, 5597, 5367, 5719, 5414, 5451, 5278, 5517, 5351, 5548, 5695, 5357, 5530, 5621, 5368, 5410, 5648, 5377, 5592, 5265, 5588, 5264, 5310, 5665, 5421, 5502, 5486, 5595, 5338, 5532, 5388, 5594, 5607, 5324, 5511, 5252, 5542, 5437, 5385, 5557, 5254, 5531, 5468, 5723, 5688, 5327, 5512, 5630, 5372, 5603, 5325, 5704, 5280, 5641, 5609, 5413, 5709, 5545, 5501, 5339, 5624, 5667, 5520, 5274, 5489, 5302, 5375, 5686, 5370, 5587, 5273, 5286, 5306, 5721, 5533, 5523, 5390, 5428, 5647, 5446, 5664, 5476, 5431, 5663, 5269, 5462, 5700, 5471, 5500, 5353, 5662, 5510, 5341, 5425 (9 hits) (04/04/2016 06:34:45 PM) |
| 18      | 9                | 1.0                 | 333.0    | Yes      | 5506.9MHz,<br>-64.0dBm      | Hop sequence: 5455, 5696, 5274, 5558, 5404, 5690, 5323, 5592, 5303, 5513, 5379, 5250, 5608, 5569, 5256, 5676, 5443, 5606, 5286, 5474, 5572, 5705, 5476, 5288, 5376, 5488, 5504, 5499, 5321, 5574, 5725, 5505, 5575, 5333, 5302, 5453, 5472, 5470, 5400, 5388, 5468, 5502, 5649, 5401, 5555, 5357, 5703, 5581,                                                                                                                                                                                                                                                                                                                                                          |

| Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40 |                  |                     |          |          |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trial #                                                           | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                   |                  |                     |          |          |                             | 5506, 5641, 5518, 5560, 5438, 5315, 5709, 5268, 5460, 5462, 5605, 5334, 5272, 5310, 5544, 5330, 5692, 5689, 5567, 5601, 5651, 5542, 5270, 5349, 5533, 5479, 5511, 5296, 5366, 5442, 5461, 5316, 5331, 5594, 5553, 5629, 5684, 5662, 5458, 5399, 5377, 5346, 5532, 5267, 5509, 5714, 5670, 5324, 5305, 5301, 5314, 5489 (9 hits) (04/04/2016 06:35:00 PM)                                                                                                                                                                                                                                                                                                               |
| 19                                                                | 9                | 1.0                 | 333.0    | Yes      | 5507.9MHz,<br>-64.0dBm      | Hop sequence: 5263, 5327, 5713, 5318, 5361, 5366, 5575, 5446, 5433, 5570, 5614, 5536, 5562, 5637, 5407, 5556, 5532, 5670, 5466, 5588, 5271, 5646, 5603, 5611, 5549, 5533, 5390, 5276, 5707, 5641, 5311, 5527, 5505, 5256, 5647, 5591, 5650, 5524, 5326, 5694, 5413, 5476, 5669, 5364, 5417, 5353, 5426, 5659, 5530, 5581, 5715, 5258, 5380, 5307, 5357, 5644, 5574, 5385, 5655, 5567, 5674, 5640, 5462, 5540, 5686, 5484, 5610, 5607, 5252, 5337, 5672, 5402, 5368, 5420, 5489, 5508, 5461, 5273, 5290, 5571, 5594, 5468, 5391, 5310, 5541, 5515, 5392, 5695, 5590, 5544, 5387, 5651, 5568, 5439, 5638, 5277, 5436, 5340, 5657, 5421 (5 hits) (04/04/2016 06:35:13 PM) |
| 20                                                                | 9                | 1.0                 | 333.0    | Yes      | 5508.9MHz,<br>-64.0dBm      | Hop sequence: 5433, 5287, 5352, 5629, 5568, 5367, 5611, 5501, 5436, 5268, 5723, 5497, 5684, 5673, 5487, 5583, 5437, 5479, 5644, 5393, 5265, 5595, 5275, 5541, 5471, 5428, 5260, 5499, 5546, 5474, 5374, 5266, 5537, 5458, 5596, 5543, 5255, 5281, 5606, 5539, 5495, 5494, 5408, 5554, 5439, 5365, 5703, 5542, 5343, 5251, 5455, 5502, 5526, 5603, 5642, 5299, 5504, 5421, 5582, 5414, 5524, 5318, 5706, 5538, 5324, 5608, 5354, 5410, 5344, 5721, 5580, 5659, 5714, 5521, 5353, 5707, 5432, 5573, 5724, 5359, 5567, 5298, 5363, 5572, 5422, 5613, 5645, 5531, 5643, 5371, 5416, 5472, 5332, 5533, 5309, 5523, 5412, 5394, 5461, 5402 (11 hits) (04/04/2016             |

| Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40 |                  |                     |          |          |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trial #                                                           | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                   |                  |                     |          |          |                             | 06:35:27 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 21                                                                | 9                | 1.0                 | 333.0    | Yes      | 5509.9MHz,<br>-64.0dBm      | Hop sequence: 5663, 5625, 5635, 5420, 5319, 5566, 5593, 5501, 5643, 5314, 5502, 5567, 5417, 5616, 5505, 5615, 5622, 5301, 5561, 5576, 5445, 5708, 5624, 5431, 5693, 5481, 5530, 5383, 5342, 5281, 5275, 5557, 5310, 5581, 5470, 5549, 5312, 5387, 5280, 5650, 5251, 5256, 5266, 5532, 5619, 5294, 5471, 5670, 5391, 5252, 5495, 5518, 5274, 5476, 5432, 5438, 5676, 5602, 5253, 5488, 5479, 5478, 5550, 5651, 5524, 5660, 5349, 5335, 5292, 5494, 5694, 5653, 5327, 5330, 5528, 5503, 5681, 5710, 5377, 5613, 5667, 5337, 5351, 5255, 5289, 5714, 5475, 5360, 5371, 5419, 5447, 5263, 5329, 5320, 5721, 5687, 5426, 5284, 5400, 5437 (9 hits) (04/04/2016 06:36:02 PM) |
| 22                                                                | 9                | 1.0                 | 333.0    | Yes      | 5510.9MHz,<br>-64.0dBm      | Hop sequence: 5433, 5679, 5638, 5512, 5672, 5648, 5374, 5665, 5722, 5461, 5435, 5527, 5391, 5273, 5612, 5504, 5567, 5581, 5308, 5517, 5278, 5261, 5515, 5484, 5590, 5446, 5362, 5255, 5398, 5645, 5542, 5469, 5277, 5531, 5676, 5346, 5611, 5402, 5467, 5580, 5632, 5598, 5409, 5419, 5666, 5489, 5556, 5516, 5356, 5310, 5534, 5563, 5709, 5716, 5505, 5462, 5258, 5526, 5364, 5354, 5659, 5290, 5432, 5456, 5688, 5720, 5329, 5422, 5589, 5257, 5622, 5309, 5560, 5546, 5275, 5316, 5324, 5559, 5352, 5449, 5554, 5416, 5314, 5621, 5254, 5399, 5715, 5428, 5670, 5717, 5412, 5355, 5502, 5585, 5617, 5447, 5593, 5360, 5724, 5335 (9 hits) (04/04/2016 06:36:16 PM) |
| 23                                                                | 9                | 1.0                 | 333.0    | Yes      | 5511.9MHz,<br>-64.0dBm      | Hop sequence: 5295, 5657, 5439, 5699, 5368, 5721, 5331, 5347, 5375, 5525, 5590, 5535, 5456, 5306, 5539, 5651, 5693, 5621, 5559, 5476, 5412, 5545, 5308, 5514, 5519, 5473, 5266, 5252, 5547, 5691, 5283, 5689, 5316, 5697, 5277, 5463, 5467, 5557, 5599, 5307, 5553, 5444, 5263, 5345, 5373, 5619, 5494, 5413,                                                                                                                                                                                                                                                                                                                                                          |

**Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5617, 5459, 5302, 5294, 5260, 5448, 5490, 5489, 5300, 5411, 5309, 5417, 5268, 5271, 5624, 5706, 5340, 5468, 5715, 5470, 5321, 5298, 5629, 5317, 5673, 5541, 5431, 5630, 5523, 5544, 5690, 5253, 5323, 5402, 5357, 5297, 5677, 5723, 5370, 5311, 5720, 5705, 5352, 5404, 5397, 5501, 5504, 5285, 5454, 5441, 5555, 5256 (7 hits) (04/04/2016 06:36:29 PM)                                                                                                                                                                                                                                                                                                               |
| 24      | 9                | 1.0                 | 333.0    | Yes      | 5512.9MHz,<br>-64.0dBm      | Hop sequence: 5429, 5509, 5692, 5676, 5626, 5455, 5655, 5521, 5261, 5276, 5445, 5491, 5477, 5589, 5649, 5342, 5304, 5434, 5720, 5322, 5665, 5662, 5310, 5286, 5360, 5285, 5479, 5498, 5641, 5430, 5590, 5328, 5628, 5617, 5313, 5396, 5469, 5562, 5542, 5548, 5507, 5484, 5387, 5623, 5583, 5329, 5346, 5293, 5407, 5472, 5624, 5603, 5677, 5363, 5571, 5269, 5476, 5647, 5547, 5480, 5600, 5353, 5448, 5701, 5559, 5695, 5291, 5463, 5435, 5632, 5306, 5637, 5338, 5341, 5264, 5371, 5431, 5618, 5421, 5467, 5388, 5687, 5474, 5667, 5415, 5672, 5464, 5688, 5634, 5537, 5307, 5336, 5312, 5316, 5443, 5683, 5530, 5296, 5726, 5675 (4 hits) (04/04/2016 06:36:45 PM) |
| 25      | 9                | 1.0                 | 333.0    | Yes      | 5513.9MHz,<br>-64.0dBm      | Hop sequence: 5695, 5388, 5627, 5650, 5500, 5586, 5591, 5545, 5709, 5628, 5597, 5558, 5297, 5646, 5514, 5618, 5493, 5352, 5561, 5602, 5436, 5670, 5685, 5487, 5679, 5687, 5683, 5348, 5414, 5587, 5411, 5447, 5580, 5519, 5432, 5656, 5282, 5394, 5261, 5677, 5568, 5614, 5295, 5635, 5544, 5393, 5306, 5525, 5566, 5453, 5710, 5572, 5408, 5594, 5463, 5271, 5445, 5359, 5626, 5422, 5671, 5419, 5689, 5465, 5556, 5305, 5407, 5472, 5313, 5390, 5304, 5403, 5251, 5702, 5345, 5622, 5334, 5484, 5454, 5278, 5579, 5619, 5636, 5324, 5415, 5325, 5323, 5283, 5459, 5398, 5450, 5582, 5611, 5274, 5537, 5347, 5529, 5596, 5431, 5365 (5 hits) (04/04/2016              |

**Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 06:37:01 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 26      | 9                | 1.0                 | 333.0    | Yes      | 5514.9MHz,<br>-64.0dBm      | Hop sequence: 5295, 5320, 5334, 5661, 5284, 5379, 5489, 5582, 5707, 5389, 5256, 5327, 5374, 5528, 5520, 5614, 5689, 5383, 5286, 5357, 5535, 5413, 5548, 5602, 5358, 5618, 5555, 5546, 5611, 5472, 5449, 5658, 5428, 5387, 5325, 5422, 5271, 5459, 5625, 5515, 5585, 5390, 5564, 5341, 5477, 5604, 5468, 5500, 5672, 5720, 5282, 5278, 5724, 5589, 5598, 5471, 5567, 5293, 5623, 5496, 5423, 5616, 5439, 5473, 5669, 5467, 5675, 5407, 5324, 5545, 5359, 5530, 5456, 5544, 5484, 5443, 5649, 5461, 5540, 5526, 5542, 5487, 5716, 5513, 5501, 5441, 5708, 5340, 5397, 5410, 5386, 5641, 5600, 5538, 5588, 5336, 5346, 5306, 5719, 5521 (9 hits) (04/04/2016 06:37:14 PM) |
| 27      | 9                | 1.0                 | 333.0    | Yes      | 5515.9MHz,<br>-64.0dBm      | Hop sequence: 5276, 5661, 5443, 5628, 5660, 5390, 5495, 5618, 5437, 5690, 5291, 5716, 5363, 5718, 5328, 5388, 5625, 5568, 5723, 5261, 5426, 5508, 5547, 5717, 5607, 5599, 5548, 5400, 5335, 5602, 5705, 5401, 5423, 5623, 5693, 5601, 5598, 5657, 5631, 5333, 5540, 5666, 5675, 5652, 5325, 5574, 5562, 5683, 5522, 5428, 5359, 5298, 5420, 5477, 5354, 5425, 5323, 5399, 5307, 5622, 5645, 5405, 5528, 5470, 5299, 5341, 5514, 5376, 5329, 5377, 5362, 5542, 5349, 5671, 5642, 5350, 5352, 5569, 5614, 5677, 5658, 5271, 5432, 5721, 5518, 5613, 5408, 5640, 5523, 5674, 5698, 5490, 5502, 5714, 5581, 5289, 5365, 5651, 5561, 5383 (8 hits) (04/04/2016 06:37:28 PM) |
| 28      | 9                | 1.0                 | 333.0    | Yes      | 5516.9MHz,<br>-64.0dBm      | Hop sequence: 5536, 5312, 5708, 5632, 5343, 5272, 5383, 5545, 5460, 5538, 5597, 5415, 5583, 5363, 5295, 5546, 5382, 5349, 5618, 5443, 5551, 5258, 5369, 5406, 5587, 5564, 5478, 5503, 5261, 5681, 5571, 5433, 5674, 5294, 5321, 5359, 5519, 5578, 5592, 5316, 5400, 5641, 5500, 5484, 5492, 5273, 5488, 5317,                                                                                                                                                                                                                                                                                                                                                          |

**Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5628, 5394, 5293, 5453, 5262, 5637, 5724, 5699, 5601, 5688, 5354, 5556, 5467, 5639, 5277, 5528, 5692, 5516, 5507, 5452, 5644, 5526, 5499, 5486, 5574, 5389, 5638, 5346, 5511, 5680, 5685, 5404, 5504, 5609, 5506, 5483, 5555, 5696, 5313, 5457, 5655, 5476, 5368, 5683, 5514, 5721, 5459, 5397, 5333, 5586, 5537, 5444 (13 hits) (04/04/2016 06:37:42 PM)                                                                                                                                                                                                                                                                                                              |
| 29      | 9                | 1.0                 | 333.0    | Yes      | 5517.9MHz,<br>-64.0dBm      | Hop sequence: 5378, 5558, 5263, 5252, 5386, 5689, 5289, 5394, 5601, 5309, 5554, 5362, 5635, 5401, 5507, 5722, 5710, 5602, 5280, 5598, 5266, 5721, 5616, 5625, 5582, 5661, 5725, 5261, 5325, 5341, 5573, 5422, 5388, 5552, 5559, 5415, 5370, 5527, 5271, 5442, 5630, 5396, 5440, 5276, 5522, 5290, 5565, 5704, 5460, 5560, 5448, 5524, 5612, 5474, 5500, 5419, 5321, 5297, 5344, 5672, 5288, 5695, 5675, 5546, 5486, 5281, 5690, 5294, 5536, 5626, 5373, 5418, 5371, 5400, 5292, 5624, 5621, 5409, 5278, 5438, 5627, 5471, 5620, 5628, 5392, 5452, 5282, 5316, 5593, 5478, 5447, 5286, 5264, 5463, 5683, 5451, 5633, 5481, 5713, 5487 (5 hits) (04/04/2016 06:37:55 PM) |
| 30      | 9                | 1.0                 | 333.0    | Yes      | 5518.9MHz,<br>-64.0dBm      | Hop sequence: 5450, 5498, 5374, 5394, 5457, 5517, 5262, 5487, 5508, 5367, 5304, 5410, 5427, 5637, 5515, 5272, 5499, 5448, 5708, 5540, 5418, 5280, 5581, 5488, 5257, 5552, 5337, 5441, 5615, 5446, 5437, 5435, 5453, 5409, 5611, 5577, 5565, 5494, 5311, 5703, 5486, 5308, 5338, 5595, 5693, 5251, 5428, 5726, 5663, 5371, 5585, 5403, 5669, 5267, 5632, 5373, 5526, 5525, 5551, 5716, 5653, 5627, 5721, 5534, 5680, 5575, 5658, 5543, 5583, 5349, 5553, 5305, 5299, 5701, 5252, 5393, 5451, 5569, 5315, 5679, 5484, 5713, 5676, 5401, 5313, 5424, 5255, 5268, 5646, 5436, 5536, 5398, 5593, 5495, 5648, 5462, 5362, 5707, 5584, 5360 (9 hits) (04/04/2016              |

**Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 06:38:10 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 31      | 9                | 1.0                 | 333.0    | Yes      | 5519.9MHz,<br>-64.0dBm      | Hop sequence: 5724, 5662, 5676,<br>5528, 5391, 5681, 5716, 5623,<br>5611, 5588, 5295, 5470, 5397,<br>5513, 5587, 5670, 5413, 5434,<br>5362, 5409, 5700, 5372, 5526,<br>5355, 5650, 5556, 5596, 5690,<br>5310, 5426, 5625, 5523, 5627,<br>5343, 5631, 5448, 5469, 5689,<br>5552, 5567, 5537, 5563, 5506,<br>5352, 5574, 5467, 5568, 5266,<br>5520, 5259, 5539, 5410, 5677,<br>5463, 5321, 5558, 5475, 5488,<br>5393, 5490, 5301, 5515, 5456,<br>5532, 5427, 5545, 5449, 5307,<br>5455, 5600, 5499, 5289, 5632,<br>5584, 5543, 5262, 5652, 5673,<br>5454, 5281, 5555, 5668, 5417,<br>5538, 5496, 5390, 5592, 5669,<br>5296, 5547, 5641, 5581, 5635,<br>5371, 5546, 5338, 5498, 5705,<br>5710, 5251 (10 hits) (04/04/2016<br>06:38:24 PM) |
| 32      | 9                | 1.0                 | 333.0    | Yes      | 5520.9MHz,<br>-64.0dBm      | Hop sequence: 5647, 5671, 5724,<br>5640, 5511, 5562, 5598, 5292,<br>5638, 5548, 5713, 5360, 5635,<br>5570, 5411, 5560, 5436, 5484,<br>5643, 5653, 5474, 5473, 5456,<br>5462, 5385, 5479, 5667, 5467,<br>5465, 5608, 5496, 5470, 5682,<br>5696, 5386, 5526, 5337, 5519,<br>5687, 5476, 5255, 5343, 5588,<br>5253, 5387, 5444, 5481, 5452,<br>5672, 5683, 5415, 5445, 5446,<br>5563, 5592, 5404, 5629, 5665,<br>5363, 5655, 5266, 5433, 5330,<br>5661, 5591, 5567, 5505, 5537,<br>5469, 5572, 5500, 5708, 5463,<br>5370, 5419, 5356, 5374, 5429,<br>5547, 5282, 5633, 5718, 5573,<br>5430, 5402, 5257, 5480, 5457,<br>5364, 5528, 5401, 5394, 5494,<br>5673, 5515, 5650, 5544, 5331,<br>5403, 5393 (9 hits) (04/04/2016<br>06:38:38 PM)  |
| 33      | 9                | 1.0                 | 333.0    | Yes      | 5521.9MHz,<br>-64.0dBm      | Hop sequence: 5516, 5671, 5420,<br>5620, 5462, 5464, 5531, 5304,<br>5412, 5253, 5534, 5642, 5327,<br>5679, 5688, 5724, 5604, 5283,<br>5695, 5540, 5341, 5425, 5255,<br>5434, 5707, 5406, 5299, 5566,<br>5579, 5448, 5331, 5271, 5572,<br>5390, 5427, 5445, 5348, 5308,<br>5270, 5703, 5471, 5528, 5573,<br>5537, 5608, 5313, 5360, 5687,                                                                                                                                                                                                                                                                                                                                                                                               |

**Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5677, 5629, 5259, 5333, 5286, 5285, 5601, 5451, 5251, 5571, 5539, 5691, 5346, 5491, 5709, 5574, 5518, 5433, 5570, 5287, 5633, 5659, 5607, 5560, 5612, 5684, 5363, 5416, 5500, 5452, 5682, 5475, 5536, 5311, 5347, 5514, 5402, 5353, 5690, 5441, 5447, 5512, 5495, 5615, 5282, 5664, 5455, 5449, 5605, 5476, 5669, 5515 (8 hits) (04/04/2016 06:38:52 PM)                                                                                                                                                                                                                                                                                                               |
| 34      | 9                | 1.0                 | 333.0    | Yes      | 5522.9MHz,<br>-64.0dBm      | Hop sequence: 5463, 5268, 5618, 5535, 5642, 5368, 5252, 5564, 5304, 5255, 5358, 5665, 5281, 5523, 5362, 5693, 5278, 5602, 5512, 5340, 5432, 5532, 5629, 5605, 5486, 5370, 5722, 5383, 5586, 5639, 5456, 5641, 5571, 5619, 5574, 5662, 5655, 5609, 5480, 5541, 5691, 5653, 5435, 5547, 5403, 5343, 5401, 5678, 5363, 5525, 5352, 5622, 5588, 5346, 5590, 5671, 5576, 5429, 5473, 5607, 5704, 5546, 5398, 5348, 5688, 5719, 5505, 5603, 5524, 5545, 5705, 5441, 5279, 5270, 5694, 5464, 5479, 5263, 5290, 5376, 5664, 5356, 5698, 5354, 5645, 5443, 5299, 5322, 5310, 5379, 5344, 5514, 5276, 5415, 5563, 5699, 5630, 5395, 5614, 5311 (6 hits) (04/04/2016 06:39:05 PM) |
| 35      | 9                | 1.0                 | 333.0    | Yes      | 5523.9MHz,<br>-64.0dBm      | Hop sequence: 5437, 5650, 5487, 5286, 5724, 5265, 5455, 5354, 5656, 5549, 5293, 5538, 5374, 5529, 5687, 5377, 5337, 5698, 5720, 5356, 5587, 5553, 5282, 5327, 5675, 5349, 5334, 5645, 5383, 5601, 5375, 5583, 5533, 5501, 5262, 5640, 5426, 5353, 5340, 5478, 5453, 5294, 5652, 5614, 5657, 5600, 5517, 5275, 5335, 5646, 5412, 5350, 5384, 5606, 5319, 5634, 5373, 5685, 5466, 5641, 5545, 5336, 5697, 5591, 5402, 5303, 5595, 5359, 5566, 5390, 5476, 5618, 5420, 5589, 5348, 5494, 5605, 5409, 5689, 5438, 5394, 5271, 5358, 5419, 5388, 5462, 5546, 5401, 5633, 5534, 5515, 5417, 5292, 5688, 5629, 5378, 5644, 5283, 5364, 5309 (4 hits) (04/04/2016              |

**Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|------------------|---------------------|----------|----------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 06:39:21 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 36      | 9                | 1.0                 | 333.0    | Yes      | 5524.9MHz,<br>-64.0dBm      | Hop sequence: 5706, 5402, 5345,<br>5698, 5568, 5333, 5282, 5596,<br>5627, 5491, 5572, 5653, 5363,<br>5680, 5287, 5673, 5307, 5660,<br>5696, 5479, 5720, 5649, 5580,<br>5672, 5403, 5631, 5299, 5317,<br>5376, 5467, 5385, 5712, 5334,<br>5550, 5448, 5411, 5431, 5387,<br>5372, 5682, 5311, 5643, 5676,<br>5443, 5338, 5379, 5271, 5471,<br>5497, 5657, 5560, 5579, 5662,<br>5646, 5461, 5267, 5303, 5346,<br>5524, 5716, 5635, 5302, 5508,<br>5381, 5510, 5693, 5370, 5584,<br>5670, 5389, 5357, 5505, 5351,<br>5618, 5513, 5724, 5466, 5294,<br>5522, 5638, 5482, 5477, 5509,<br>5420, 5655, 5667, 5256, 5552,<br>5450, 5517, 5531, 5384, 5600,<br>5644, 5413, 5328, 5331, 5337,<br>5608, 5460 (9 hits) (04/04/2016<br>06:39:35 PM) |
| 37      | 9                | 1.0                 | 333.0    | Yes      | 5525.9MHz,<br>-64.0dBm      | Hop sequence: 5618, 5282, 5505,<br>5264, 5410, 5333, 5251, 5272,<br>5393, 5654, 5381, 5538, 5532,<br>5605, 5457, 5353, 5594, 5413,<br>5346, 5603, 5294, 5268, 5575,<br>5498, 5436, 5564, 5533, 5529,<br>5645, 5557, 5587, 5579, 5536,<br>5426, 5380, 5459, 5718, 5563,<br>5415, 5577, 5646, 5678, 5291,<br>5466, 5312, 5683, 5671, 5443,<br>5524, 5252, 5684, 5574, 5639,<br>5638, 5689, 5571, 5273, 5604,<br>5397, 5254, 5465, 5651, 5305,<br>5451, 5403, 5280, 5706, 5496,<br>5624, 5285, 5644, 5500, 5721,<br>5543, 5351, 5530, 5490, 5636,<br>5715, 5525, 5491, 5450, 5257,<br>5366, 5695, 5714, 5585, 5460,<br>5299, 5428, 5691, 5537, 5475,<br>5620, 5445, 5472, 5502, 5581,<br>5309, 5469 (7 hits) (04/04/2016<br>06:39:49 PM) |
| 38      | 9                | 1.0                 | 333.0    | Yes      | 5526.9MHz,<br>-64.0dBm      | Hop sequence: 5265, 5549, 5362,<br>5483, 5314, 5270, 5508, 5525,<br>5522, 5725, 5603, 5536, 5706,<br>5451, 5643, 5293, 5674, 5477,<br>5438, 5419, 5412, 5716, 5661,<br>5480, 5702, 5586, 5390, 5383,<br>5326, 5527, 5473, 5339, 5644,<br>5299, 5627, 5347, 5587, 5269,<br>5548, 5459, 5435, 5363, 5373,<br>5471, 5391, 5675, 5415, 5575,                                                                                                                                                                                                                                                                                                                                                                                              |

| Table 82 - FCC frequency hopping radar (Type 6) Results 802.11n40 |                  |                     |          |          |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------|------------------|---------------------|----------|----------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trial #                                                           | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                   |                  |                     |          |          |                             | 5604, 5353, 5699, 5490, 5440, 5524, 5286, 5272, 5461, 5509, 5640, 5282, 5662, 5495, 5423, 5613, 5430, 5319, 5593, 5408, 5399, 5624, 5712, 5413, 5580, 5531, 5515, 5484, 5588, 5407, 5312, 5466, 5256, 5414, 5634, 5452, 5376, 5636, 5597, 5263, 5722, 5720, 5279, 5268, 5721, 5629, 5650, 5308, 5379, 5337, 5576, 5493 (9 hits) (04/04/2016 06:40:04 PM)                                                                                                                                                                                                                                                                                                               |
| 39                                                                | 9                | 1.0                 | 333.0    | Yes      | 5527.9MHz,<br>-64.0dBm      | Hop sequence: 5405, 5264, 5513, 5622, 5488, 5707, 5489, 5610, 5662, 5267, 5459, 5366, 5708, 5583, 5316, 5357, 5535, 5578, 5700, 5290, 5271, 5502, 5251, 5369, 5275, 5550, 5364, 5650, 5352, 5297, 5701, 5396, 5690, 5573, 5368, 5284, 5330, 5631, 5580, 5344, 5719, 5639, 5660, 5520, 5310, 5637, 5383, 5600, 5282, 5471, 5640, 5516, 5365, 5348, 5378, 5341, 5486, 5439, 5321, 5443, 5307, 5484, 5687, 5337, 5304, 5712, 5254, 5481, 5540, 5569, 5646, 5477, 5309, 5672, 5386, 5318, 5529, 5589, 5268, 5286, 5725, 5554, 5283, 5306, 5634, 5611, 5528, 5666, 5507, 5596, 5618, 5606, 5313, 5299, 5354, 5259, 5511, 5389, 5367, 5494 (8 hits) (04/04/2016 06:40:19 PM) |

**Table 83 - Summary of All Results 802.11ac 80**

| Waveform Name                        | Pd (%)  | Pd Required (%) | Number of Trials | Status |
|--------------------------------------|---------|-----------------|------------------|--------|
| FCC Short Pulse Radar (Type 1A)      | 100.0 % | 60.0 %          | 15               | PASSED |
| FCC Short Pulse Radar (Type 1B)      | 100.0 % | 60.0 %          | 15               | PASSED |
| FCC Short Pulse Radar (Type 2)       | 96.7 %  | 60.0 %          | 30               | PASSED |
| FCC Short Pulse Radar (Type 3)       | 100.0 % | 60.0 %          | 30               | PASSED |
| FCC Short Pulse Radar (Type 4)       | 90.0 %  | 60.0 %          | 30               | PASSED |
| Aggregate of above results           | 96.7 %  | 80.0 %          | 120              | PASSED |
| Long Sequence                        | 100.0 % | 80.0 %          | 30               | PASSED |
| FCC frequency hopping radar (Type 6) | 100.0 % | 70.0 %          | 80               | PASSED |

**Table 84 - FCC Short Pulse Radar (Type 1A) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and level (dBm) | Burst Information |
|---------|------------------|---------------------|----------|----------|--------------------------|-------------------|
| 1       | 61               | 1.0                 | 878.0    | Yes      | 5530.0MHz, -64.0dBm      | Single burst      |
| 2       | 92               | 1.0                 | 578.0    | Yes      | 5537.3MHz, -64.0dBm      | Single burst      |
| 3       | 78               | 1.0                 | 678.0    | Yes      | 5548.1MHz, -64.0dBm      | Single burst      |
| 4       | 65               | 1.0                 | 818.0    | Yes      | 5554.8MHz, -64.0dBm      | Single burst      |
| 5       | 76               | 1.0                 | 698.0    | Yes      | 5562.5MHz, -64.0dBm      | Single burst      |
| 6       | 89               | 1.0                 | 598.0    | Yes      | 5564.0MHz, -64.0dBm      | Single burst      |
| 7       | 59               | 1.0                 | 898.0    | Yes      | 5568.3MHz, -64.0dBm      | Single burst      |
| 8       | 83               | 1.0                 | 638.0    | Yes      | 5491.7MHz, -64.0dBm      | Single burst      |
| 9       | 58               | 1.0                 | 918.0    | Yes      | 5492.2MHz, -64.0dBm      | Single burst      |
| 10      | 57               | 1.0                 | 938.0    | Yes      | 5494.4MHz, -64.0dBm      | Single burst      |
| 11      | 74               | 1.0                 | 718.0    | Yes      | 5499.1MHz, -64.0dBm      | Single burst      |
| 12      | 62               | 1.0                 | 858.0    | Yes      | 5502.8MHz, -64.0dBm      | Single burst      |
| 13      | 18               | 1.0                 | 3066.0   | Yes      | 5511.4MHz, -64.0dBm      | Single burst      |
| 14      | 99               | 1.0                 | 538.0    | Yes      | 5520.2MHz, -64.0dBm      | Single burst      |
| 15      | 72               | 1.0                 | 738.0    | Yes      | 5526.4MHz, -64.0dBm      | Single burst      |

**Table 85 - FCC Short Pulse Radar (Type 1B) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and level (dBm) | Burst Information |
|---------|------------------|---------------------|----------|----------|--------------------------|-------------------|
| 1       | 21               | 1.0                 | 2601.0   | Yes      | 5530.0MHz, -64.0dBm      | Single burst      |
| 2       | 25               | 1.0                 | 2193.0   | Yes      | 5542.5MHz, -64.0dBm      | Single burst      |
| 3       | 22               | 1.0                 | 2426.0   | Yes      | 5549.5MHz, -64.0dBm      | Single burst      |
| 4       | 19               | 1.0                 | 2923.0   | Yes      | 5561.1MHz, -64.0dBm      | Single burst      |
| 5       | 81               | 1.0                 | 656.0    | Yes      | 5568.3MHz, -64.0dBm      | Single burst      |
| 6       | 25               | 1.0                 | 2196.0   | Yes      | 5491.7MHz, -64.0dBm      | Single burst      |
| 7       | 23               | 1.0                 | 2311.0   | Yes      | 5494.2MHz, -64.0dBm      | Single burst      |
| 8       | 21               | 1.0                 | 2546.0   | Yes      | 5506.7MHz, -64.0dBm      | Single burst      |
| 9       | 34               | 1.0                 | 1591.0   | Yes      | 5517.4MHz, -64.0dBm      | Single burst      |
| 10      | 49               | 1.0                 | 1078.0   | Yes      | 5530.0MHz, -64.0dBm      | Single burst      |
| 11      | 61               | 1.0                 | 866.0    | Yes      | 5533.4MHz, -64.0dBm      | Single burst      |
| 12      | 30               | 1.0                 | 1819.0   | Yes      | 5535.8MHz, -64.0dBm      | Single burst      |
| 13      | 22               | 1.0                 | 2506.0   | Yes      | 5539.3MHz, -64.0dBm      | Single burst      |
| 14      | 22               | 1.0                 | 2417.0   | Yes      | 5548.1MHz, -64.0dBm      | Single burst      |
| 15      | 45               | 1.0                 | 1173.0   | Yes      | 5551.2MHz, -64.0dBm      | Single burst      |

**Table 86 - FCC Short Pulse Radar (Type 2) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and level (dBm) | Burst Information |
|---------|------------------|---------------------|----------|----------|--------------------------|-------------------|
| 1       | 27               | 4.0                 | 212.0    | No       | 5530.0MHz, -64.0dBm      | Single burst      |
| 2       | 27               | 1.6                 | 230.0    | Yes      | 5530.0MHz, -64.0dBm      | Single burst      |
| 3       | 26               | 2.2                 | 192.0    | Yes      | 5541.9MHz, -64.0dBm      | Single burst      |
| 4       | 26               | 2.6                 | 206.0    | Yes      | 5553.2MHz, -64.0dBm      | Single burst      |
| 5       | 24               | 1.1                 | 153.0    | Yes      | 5556.8MHz, -64.0dBm      | Single burst      |
| 6       | 28               | 2.9                 | 180.0    | Yes      | 5563.7MHz, -64.0dBm      | Single burst      |
| 7       | 26               | 2.0                 | 174.0    | Yes      | 5565.2MHz, -64.0dBm      | Single burst      |
| 8       | 26               | 4.9                 | 214.0    | Yes      | 5567.3MHz, -64.0dBm      | Single burst      |
| 9       | 25               | 4.1                 | 152.0    | Yes      | 5568.3MHz, -64.0dBm      | Single burst      |
| 10      | 26               | 4.1                 | 160.0    | Yes      | 5491.7MHz, -64.0dBm      | Single burst      |
| 11      | 26               | 1.7                 | 162.0    | Yes      | 5495.7MHz, -64.0dBm      | Single burst      |
| 12      | 26               | 2.9                 | 156.0    | Yes      | 5501.8MHz, -64.0dBm      | Single burst      |
| 13      | 27               | 1.8                 | 213.0    | Yes      | 5512.3MHz, -64.0dBm      | Single burst      |
| 14      | 29               | 4.4                 | 158.0    | Yes      | 5519.7MHz, -64.0dBm      | Single burst      |
| 15      | 24               | 1.4                 | 217.0    | Yes      | 5527.0MHz, -64.0dBm      | Single burst      |
| 16      | 25               | 4.8                 | 167.0    | Yes      | 5537.1MHz, -64.0dBm      | Single burst      |
| 17      | 28               | 2.2                 | 216.0    | Yes      | 5546.6MHz, -64.0dBm      | Single burst      |
| 18      | 26               | 1.9                 | 221.0    | Yes      | 5549.0MHz, -64.0dBm      | Single burst      |
| 19      | 29               | 1.2                 | 217.0    | Yes      | 5551.8MHz, -64.0dBm      | Single burst      |
| 20      | 24               | 2.7                 | 199.0    | Yes      | 5559.2MHz, -64.0dBm      | Single burst      |
| 21      | 24               | 1.2                 | 197.0    | Yes      | 5561.7MHz, -64.0dBm      | Single burst      |
| 22      | 24               | 3.2                 | 182.0    | Yes      | 5568.3MHz, -64.0dBm      | Single burst      |
| 23      | 28               | 4.8                 | 176.0    | Yes      | 5491.7MHz, -64.0dBm      | Single burst      |
| 24      | 28               | 1.4                 | 162.0    | Yes      | 5493.3MHz, -64.0dBm      | Single burst      |
| 25      | 27               | 1.3                 | 159.0    | Yes      | 5499.9MHz, -64.0dBm      | Single burst      |
| 26      | 29               | 2.8                 | 192.0    | Yes      | 5506.3MHz, -64.0dBm      | Single burst      |
| 27      | 26               | 3.7                 | 172.0    | Yes      | 5513.0MHz, -64.0dBm      | Single burst      |
| 28      | 26               | 1.2                 | 181.0    | Yes      | 5520.0MHz, -64.0dBm      | Single burst      |
| 29      | 26               | 4.5                 | 180.0    | Yes      | 5531.8MHz, -64.0dBm      | Single burst      |
| 30      | 23               | 4.2                 | 210.0    | Yes      | 5536.0MHz, -64.0dBm      | Single burst      |

**Table 87 - FCC Short Pulse Radar (Type 3) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and level (dBm) | Burst Information |
|---------|------------------|---------------------|----------|----------|--------------------------|-------------------|
| 1       | 17               | 8.9                 | 433.0    | Yes      | 5530.0MHz, -64.0dBm      | Single burst      |
| 2       | 17               | 6.2                 | 308.0    | Yes      | 5533.4MHz, -64.0dBm      | Single burst      |
| 3       | 18               | 6.2                 | 205.0    | Yes      | 5544.1MHz, -64.0dBm      | Single burst      |
| 4       | 16               | 6.9                 | 430.0    | Yes      | 5549.9MHz, -64.0dBm      | Single burst      |
| 5       | 18               | 7.1                 | 302.0    | Yes      | 5559.8MHz, -64.0dBm      | Single burst      |
| 6       | 18               | 7.8                 | 360.0    | Yes      | 5563.1MHz, -64.0dBm      | Single burst      |
| 7       | 17               | 7.4                 | 358.0    | Yes      | 5568.3MHz, -64.0dBm      | Single burst      |
| 8       | 17               | 6.8                 | 261.0    | Yes      | 5491.7MHz, -64.0dBm      | Single burst      |
| 9       | 17               | 8.3                 | 459.0    | Yes      | 5496.5MHz, -64.0dBm      | Single burst      |
| 10      | 17               | 6.7                 | 413.0    | Yes      | 5498.4MHz, -64.0dBm      | Single burst      |
| 11      | 17               | 7.6                 | 491.0    | Yes      | 5509.9MHz, -64.0dBm      | Single burst      |
| 12      | 18               | 9.2                 | 422.0    | Yes      | 5516.8MHz, -64.0dBm      | Single burst      |
| 13      | 16               | 9.3                 | 481.0    | Yes      | 5521.8MHz, -64.0dBm      | Single burst      |
| 14      | 17               | 9.8                 | 267.0    | Yes      | 5525.5MHz, -64.0dBm      | Single burst      |
| 15      | 16               | 7.4                 | 412.0    | Yes      | 5535.2MHz, -64.0dBm      | Single burst      |
| 16      | 17               | 8.5                 | 451.0    | Yes      | 5547.1MHz, -64.0dBm      | Single burst      |
| 17      | 18               | 9.0                 | 444.0    | Yes      | 5549.4MHz, -64.0dBm      | Single burst      |
| 18      | 16               | 7.8                 | 277.0    | Yes      | 5551.7MHz, -64.0dBm      | Single burst      |
| 19      | 16               | 8.7                 | 490.0    | Yes      | 5557.0MHz, -64.0dBm      | Single burst      |
| 20      | 16               | 9.7                 | 444.0    | Yes      | 5568.3MHz, -64.0dBm      | Single burst      |
| 21      | 17               | 8.5                 | 404.0    | Yes      | 5491.7MHz, -64.0dBm      | Single burst      |
| 22      | 17               | 9.6                 | 469.0    | Yes      | 5492.1MHz, -64.0dBm      | Single burst      |
| 23      | 16               | 8.6                 | 415.0    | Yes      | 5504.3MHz, -64.0dBm      | Single burst      |
| 24      | 17               | 6.9                 | 326.0    | Yes      | 5505.9MHz, -64.0dBm      | Single burst      |
| 25      | 18               | 8.0                 | 284.0    | Yes      | 5517.2MHz, -64.0dBm      | Single burst      |
| 26      | 16               | 9.4                 | 204.0    | Yes      | 5526.9MHz, -64.0dBm      | Single burst      |
| 27      | 17               | 8.1                 | 228.0    | Yes      | 5539.6MHz, -64.0dBm      | Single burst      |
| 28      | 16               | 7.9                 | 208.0    | Yes      | 5549.0MHz, -64.0dBm      | Single burst      |
| 29      | 17               | 6.2                 | 388.0    | Yes      | 5550.4MHz, -64.0dBm      | Single burst      |
| 30      | 16               | 9.2                 | 225.0    | Yes      | 5560.6MHz, -64.0dBm      | Single burst      |

**Table 88 - FCC Short Pulse Radar (Type 4) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and level (dBm) | Burst Information |
|---------|------------------|---------------------|----------|----------|--------------------------|-------------------|
| 1       | 15               | 15.9                | 241.0    | Yes      | 5530.0MHz, -64.0dBm      | Single burst      |
| 2       | 15               | 18.0                | 260.0    | Yes      | 5536.8MHz, -64.0dBm      | Single burst      |
| 3       | 14               | 13.3                | 285.0    | Yes      | 5546.1MHz, -64.0dBm      | Single burst      |
| 4       | 15               | 16.0                | 450.0    | Yes      | 5550.7MHz, -64.0dBm      | Single burst      |
| 5       | 14               | 14.4                | 492.0    | Yes      | 5563.2MHz, -64.0dBm      | Single burst      |
| 6       | 15               | 14.0                | 424.0    | Yes      | 5568.3MHz, -64.0dBm      | Single burst      |
| 7       | 14               | 16.7                | 405.0    | Yes      | 5491.7MHz, -64.0dBm      | Single burst      |
| 8       | 16               | 11.5                | 339.0    | Yes      | 5491.8MHz, -64.0dBm      | Single burst      |
| 9       | 13               | 17.4                | 268.0    | Yes      | 5494.3MHz, -64.0dBm      | Single burst      |
| 10      | 14               | 14.8                | 242.0    | Yes      | 5499.9MHz, -64.0dBm      | Single burst      |
| 11      | 15               | 14.4                | 409.0    | Yes      | 5507.1MHz, -64.0dBm      | Single burst      |
| 12      | 13               | 15.6                | 277.0    | Yes      | 5508.8MHz, -64.0dBm      | Single burst      |
| 13      | 15               | 12.0                | 295.0    | Yes      | 5512.1MHz, -64.0dBm      | Single burst      |
| 14      | 16               | 12.9                | 492.0    | Yes      | 5521.1MHz, -64.0dBm      | Single burst      |
| 15      | 12               | 15.7                | 416.0    | Yes      | 5522.6MHz, -64.0dBm      | Single burst      |
| 16      | 16               | 12.8                | 350.0    | Yes      | 5534.8MHz, -64.0dBm      | Single burst      |
| 17      | 13               | 14.9                | 396.0    | Yes      | 5536.9MHz, -64.0dBm      | Single burst      |
| 18      | 16               | 18.5                | 492.0    | Yes      | 5542.4MHz, -64.0dBm      | Single burst      |
| 19      | 14               | 14.7                | 378.0    | Yes      | 5554.8MHz, -64.0dBm      | Single burst      |
| 20      | 15               | 11.1                | 436.0    | Yes      | 5563.8MHz, -64.0dBm      | Single burst      |
| 21      | 15               | 16.6                | 219.0    | Yes      | 5568.3MHz, -64.0dBm      | Single burst      |
| 22      | 13               | 16.0                | 400.0    | Yes      | 5491.7MHz, -64.0dBm      | Single burst      |
| 23      | 15               | 19.3                | 359.0    | Yes      | 5492.3MHz, -64.0dBm      | Single burst      |
| 24      | 13               | 18.6                | 497.0    | Yes      | 5501.9MHz, -64.0dBm      | Single burst      |
| 25      | 16               | 11.0                | 213.0    | Yes      | 5514.7MHz, -64.0dBm      | Single burst      |
| 26      | 16               | 17.7                | 312.0    | No       | 5524.8MHz, -64.0dBm      | Single burst      |
| 27      | 13               | 12.3                | 413.0    | Yes      | 5524.8MHz, -64.0dBm      | Single burst      |
| 28      | 16               | 16.2                | 492.0    | Yes      | 5530.6MHz, -64.0dBm      | Single burst      |
| 29      | 13               | 18.1                | 254.0    | No       | 5541.4MHz, -64.0dBm      | Single burst      |
| 30      | 13               | 18.6                | 261.0    | No       | 5541.4MHz, -64.0dBm      | Single burst      |

**Table 89 - Long Sequence Waveform Summary 802.11ac 80**

| Long Sequence Trial | Result   | Radar Frequency / Amplitude |
|---------------------|----------|-----------------------------|
| Trial #1            | Detected | 5530.0MHz, -64.0dBm         |
| Trial #2            | Detected | 5532.8MHz, -64.0dBm         |
| Trial #3            | Detected | 5541.7MHz, -64.0dBm         |
| Trial #4            | Detected | 5543.7MHz, -64.0dBm         |
| Trial #5            | Detected | 5556.3MHz, -64.0dBm         |
| Trial #6            | Detected | 5560.6MHz, -64.0dBm         |
| Trial #7            | Detected | 5499.4MHz, -64.0dBm         |
| Trial #8            | Detected | 5501.1MHz, -64.0dBm         |
| Trial #9            | Detected | 5508.6MHz, -64.0dBm         |
| Trial #10           | Detected | 5511.4MHz, -64.0dBm         |
| Trial #11           | Detected | 5514.7MHz, -64.0dBm         |
| Trial #12           | Detected | 5523.7MHz, -64.0dBm         |
| Trial #13           | Detected | 5531.0MHz, -64.0dBm         |
| Trial #14           | Detected | 5543.0MHz, -64.0dBm         |
| Trial #15           | Detected | 5550.3MHz, -64.0dBm         |
| Trial #16           | Detected | 5558.9MHz, -64.0dBm         |
| Trial #17           | Detected | 5560.3MHz, -64.0dBm         |
| Trial #18           | Detected | 5560.6MHz, -64.0dBm         |
| Trial #19           | Detected | 5499.4MHz, -64.0dBm         |
| Trial #20           | Detected | 5504.1MHz, -64.0dBm         |
| Trial #21           | Detected | 5517.0MHz, -64.0dBm         |
| Trial #22           | Detected | 5524.7MHz, -64.0dBm         |
| Trial #23           | Detected | 5532.3MHz, -64.0dBm         |
| Trial #24           | Detected | 5539.2MHz, -64.0dBm         |
| Trial #25           | Detected | 5542.4MHz, -64.0dBm         |
| Trial #26           | Detected | 5546.8MHz, -64.0dBm         |
| Trial #27           | Detected | 5551.2MHz, -64.0dBm         |
| Trial #28           | Detected | 5552.8MHz, -64.0dBm         |
| Trial #29           | Detected | 5554.6MHz, -64.0dBm         |
| Trial #30           | Detected | 5560.6MHz, -64.0dBm         |

**Table 90 - Long Sequence Waveform Trial#1 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 57.4             | 15          | 1458.0               | -                    | 0.175629       |
| 2       | 2        | 83.9             | 18          | 1032.0               | -                    | 1.060863       |
| 3       | 3        | 96.3             | 13          | 1873.0               | 1736.0               | 2.715201       |
| 4       | 1        | 93.6             | 9           | -                    | -                    | 2.776895       |
| 5       | 2        | 53.3             | 12          | 1096.0               | -                    | 3.813339       |
| 6       | 2        | 50.3             | 6           | 1892.0               | -                    | 5.157908       |
| 7       | 1        | 74.7             | 16          | -                    | -                    | 5.894552       |
| 8       | 2        | 96.2             | 13          | 1276.0               | -                    | 6.667193       |
| 9       | 1        | 88.8             | 14          | -                    | -                    | 7.733184       |
| 10      | 3        | 90.5             | 9           | 1417.0               | 1572.0               | 8.413536       |
| 11      | 1        | 68.7             | 14          | -                    | -                    | 9.309215       |
| 12      | 2        | 55.4             | 5           | 1473.0               | -                    | 10.508462      |
| 13      | 2        | 95.7             | 6           | 1390.0               | -                    | 11.639189      |

**Table 91 - Long Sequence Waveform Trial#2 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 75.7             | 14          | 1996.0               | -                    | 0.312159       |
| 2       | 2        | 96.8             | 6           | 1970.0               | -                    | 1.824771       |
| 3       | 1        | 90.8             | 8           | -                    | -                    | 2.363203       |
| 4       | 2        | 74.8             | 9           | 1352.0               | -                    | 3.672397       |
| 5       | 2        | 94.9             | 11          | 1540.0               | -                    | 4.626724       |
| 6       | 3        | 77.8             | 14          | 1544.0               | 1414.0               | 5.826923       |
| 7       | 1        | 90.8             | 11          | -                    | -                    | 7.226175       |
| 8       | 2        | 59.0             | 18          | 1766.0               | -                    | 7.910744       |
| 9       | 2        | 80.2             | 20          | 1487.0               | -                    | 8.923569       |
| 10      | 3        | 62.3             | 13          | 1632.0               | 1601.0               | 9.866795       |
| 11      | 1        | 71.2             | 17          | -                    | -                    | 11.672776      |

**Table 92 - Long Sequence Waveform Trial#3 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 99.2             | 6           | 1733.0               | 1504.0               | 0.660098       |
| 2       | 3        | 91.0             | 12          | 1488.0               | 1384.0               | 1.547580       |
| 3       | 3        | 59.4             | 6           | 1478.0               | 1345.0               | 1.857952       |
| 4       | 2        | 92.6             | 9           | 1786.0               | -                    | 2.804114       |
| 5       | 3        | 86.3             | 18          | 1064.0               | 1120.0               | 4.084558       |
| 6       | 1        | 87.3             | 8           | -                    | -                    | 4.517731       |
| 7       | 2        | 92.7             | 16          | 1434.0               | -                    | 5.371541       |
| 8       | 3        | 89.3             | 8           | 1847.0               | 1826.0               | 6.706705       |
| 9       | 3        | 95.3             | 14          | 1241.0               | 1121.0               | 7.055463       |
| 10      | 2        | 98.6             | 8           | 1332.0               | -                    | 8.398918       |
| 11      | 2        | 87.2             | 14          | 1696.0               | -                    | 9.132716       |
| 12      | 1        | 97.6             | 12          | -                    | -                    | 10.070382      |
| 13      | 2        | 95.6             | 14          | 1027.0               | -                    | 10.325202      |
| 14      | 2        | 83.4             | 7           | 1551.0               | -                    | 11.785717      |

**Table 93 - Long Sequence Waveform Trial#4 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 52.1             | 7           | 1616.0               | 1335.0               | 0.634871       |
| 2       | 2        | 67.8             | 17          | 1816.0               | -                    | 0.771395       |
| 3       | 2        | 63.9             | 14          | 1541.0               | -                    | 1.544249       |
| 4       | 2        | 79.1             | 17          | 1245.0               | -                    | 2.955674       |
| 5       | 2        | 82.1             | 14          | 1144.0               | -                    | 3.497369       |
| 6       | 1        | 62.7             | 8           | -                    | -                    | 4.379626       |
| 7       | 3        | 82.2             | 8           | 1927.0               | 1948.0               | 4.666867       |
| 8       | 1        | 84.0             | 6           | -                    | -                    | 5.284094       |
| 9       | 3        | 66.9             | 17          | 1020.0               | 1017.0               | 6.010056       |
| 10      | 2        | 75.5             | 7           | 1129.0               | -                    | 7.012033       |
| 11      | 1        | 69.1             | 12          | -                    | -                    | 7.502886       |
| 12      | 2        | 64.5             | 20          | 1669.0               | -                    | 8.810732       |
| 13      | 2        | 77.1             | 20          | 1108.0               | -                    | 9.084580       |
| 14      | 1        | 52.8             | 18          | -                    | -                    | 10.169115      |
| 15      | 2        | 82.9             | 7           | 1463.0               | -                    | 11.036441      |
| 16      | 1        | 77.7             | 5           | -                    | -                    | 11.716287      |

**Table 94 - Long Sequence Waveform Trial#5 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 54.8             | 14          | 1486.0               | -                    | 0.233399       |
| 2       | 3        | 87.2             | 7           | 1926.0               | 1306.0               | 0.806691       |
| 3       | 3        | 81.8             | 17          | 1133.0               | 1935.0               | 1.270412       |
| 4       | 3        | 93.3             | 5           | 1262.0               | 1134.0               | 2.357588       |
| 5       | 2        | 65.9             | 5           | 1816.0               | -                    | 2.914623       |
| 6       | 1        | 93.8             | 14          | -                    | -                    | 3.052016       |
| 7       | 1        | 74.3             | 6           | -                    | -                    | 3.612124       |
| 8       | 1        | 59.8             | 5           | -                    | -                    | 4.635899       |
| 9       | 2        | 58.2             | 17          | 1885.0               | -                    | 4.877391       |
| 10      | 2        | 87.0             | 11          | 1872.0               | -                    | 5.532194       |
| 11      | 1        | 91.5             | 10          | -                    | -                    | 6.127939       |
| 12      | 2        | 92.7             | 6           | 1987.0               | -                    | 6.720918       |
| 13      | 2        | 92.3             | 20          | 1979.0               | -                    | 7.371403       |
| 14      | 2        | 99.2             | 6           | 1903.0               | -                    | 8.215643       |
| 15      | 3        | 84.5             | 15          | 1097.0               | 1480.0               | 8.854416       |
| 16      | 1        | 99.8             | 8           | -                    | -                    | 9.523802       |
| 17      | 1        | 87.0             | 18          | -                    | -                    | 9.644129       |
| 18      | 3        | 83.2             | 10          | 1822.0               | 1438.0               | 10.565275      |
| 19      | 2        | 51.2             | 16          | 1145.0               | -                    | 10.951244      |
| 20      | 2        | 58.2             | 18          | 1279.0               | -                    | 11.555349      |

**Table 95 - Long Sequence Waveform Trial#6 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 95.8             | 19          | 1631.0               | -                    | 0.333569       |
| 2       | 3        | 64.4             | 8           | 1883.0               | 1031.0               | 0.967922       |
| 3       | 2        | 53.7             | 6           | 1029.0               | -                    | 1.841126       |
| 4       | 2        | 54.4             | 18          | 1492.0               | -                    | 2.285549       |
| 5       | 2        | 71.3             | 9           | 1945.0               | -                    | 2.787754       |
| 6       | 2        | 76.5             | 15          | 1423.0               | -                    | 3.254224       |
| 7       | 2        | 63.4             | 19          | 1453.0               | -                    | 4.241709       |
| 8       | 2        | 87.4             | 16          | 1317.0               | -                    | 4.580734       |
| 9       | 2        | 53.1             | 8           | 1729.0               | -                    | 5.463950       |
| 10      | 3        | 69.5             | 11          | 1657.0               | 1779.0               | 6.129759       |
| 11      | 1        | 93.4             | 9           | -                    | -                    | 6.718421       |
| 12      | 2        | 99.2             | 16          | 1917.0               | -                    | 7.210936       |
| 13      | 2        | 63.4             | 6           | 1380.0               | -                    | 7.995606       |
| 14      | 2        | 54.4             | 17          | 1291.0               | -                    | 8.524811       |
| 15      | 2        | 62.3             | 17          | 1633.0               | -                    | 9.006402       |
| 16      | 2        | 69.1             | 15          | 1828.0               | -                    | 9.813682       |
| 17      | 2        | 59.6             | 9           | 1007.0               | -                    | 10.404650      |
| 18      | 3        | 65.6             | 18          | 1762.0               | 1627.0               | 11.042776      |
| 19      | 2        | 64.7             | 11          | 1727.0               | -                    | 11.775913      |

**Table 96 - Long Sequence Waveform Trial#7 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 95.5             | 6           | 1736.0               | -                    | 0.209208       |
| 2       | 3        | 77.5             | 10          | 1338.0               | 1294.0               | 0.734126       |
| 3       | 2        | 86.2             | 15          | 1680.0               | -                    | 1.565018       |
| 4       | 2        | 62.8             | 15          | 1394.0               | -                    | 2.262347       |
| 5       | 1        | 99.6             | 15          | -                    | -                    | 3.299168       |
| 6       | 2        | 90.5             | 20          | 1553.0               | -                    | 3.647550       |
| 7       | 3        | 82.8             | 13          | 1452.0               | 1153.0               | 4.563778       |
| 8       | 3        | 60.8             | 13          | 1289.0               | 1059.0               | 5.209722       |
| 9       | 2        | 98.7             | 9           | 1434.0               | -                    | 5.854265       |
| 10      | 2        | 57.2             | 17          | 1694.0               | -                    | 6.803890       |
| 11      | 3        | 71.0             | 17          | 1185.0               | 1418.0               | 7.488759       |
| 12      | 2        | 50.7             | 7           | 1181.0               | -                    | 7.768385       |
| 13      | 2        | 94.2             | 15          | 1091.0               | -                    | 8.939617       |
| 14      | 2        | 78.3             | 7           | 1142.0               | -                    | 9.725330       |
| 15      | 3        | 79.9             | 7           | 1478.0               | 1943.0               | 10.466183      |
| 16      | 2        | 80.6             | 13          | 1210.0               | -                    | 11.031247      |
| 17      | 1        | 69.0             | 8           | -                    | -                    | 11.586626      |

**Table 97 - Long Sequence Waveform Trial#8 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 86.0             | 19          | 1512.0               | 1901.0               | 0.789176       |
| 2       | 2        | 71.6             | 18          | 1549.0               | -                    | 1.760163       |
| 3       | 2        | 64.6             | 19          | 1768.0               | -                    | 3.822291       |
| 4       | 3        | 96.6             | 8           | 1071.0               | 1921.0               | 5.839210       |
| 5       | 1        | 62.4             | 18          | -                    | -                    | 6.970065       |
| 6       | 1        | 60.2             | 8           | -                    | -                    | 7.652559       |
| 7       | 3        | 51.3             | 8           | 1617.0               | 1990.0               | 10.224880      |
| 8       | 1        | 67.1             | 15          | -                    | -                    | 10.591887      |

**Table 98 - Long Sequence Waveform Trial#9 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 55.3             | 19          | 1899.0               | -                    | 0.545872       |
| 2       | 2        | 74.4             | 12          | 1575.0               | -                    | 0.820557       |
| 3       | 2        | 58.8             | 16          | 1545.0               | -                    | 1.605997       |
| 4       | 2        | 83.8             | 11          | 1360.0               | -                    | 2.178116       |
| 5       | 2        | 83.1             | 9           | 1028.0               | -                    | 2.613434       |
| 6       | 3        | 87.6             | 15          | 1027.0               | 1791.0               | 3.729360       |
| 7       | 2        | 73.6             | 12          | 1103.0               | -                    | 4.305110       |
| 8       | 3        | 73.9             | 15          | 1154.0               | 1857.0               | 4.563138       |
| 9       | 3        | 56.9             | 7           | 1840.0               | 1461.0               | 5.631185       |
| 10      | 1        | 73.5             | 16          | -                    | -                    | 6.223990       |
| 11      | 1        | 55.4             | 16          | -                    | -                    | 6.411720       |
| 12      | 2        | 55.9             | 13          | 1590.0               | -                    | 7.231237       |
| 13      | 2        | 63.3             | 16          | 1745.0               | -                    | 8.118182       |
| 14      | 1        | 77.6             | 15          | -                    | -                    | 8.669789       |
| 15      | 2        | 98.4             | 16          | 1630.0               | -                    | 9.098503       |
| 16      | 1        | 67.2             | 5           | -                    | -                    | 9.601876       |
| 17      | 2        | 82.4             | 17          | 1316.0               | -                    | 10.186889      |
| 18      | 1        | 58.5             | 8           | -                    | -                    | 11.253844      |
| 19      | 3        | 63.4             | 10          | 1350.0               | 1490.0               | 11.716758      |

**Table 99 - Long Sequence Waveform Trial#10 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 68.9             | 19          | 1179.0               | -                    | 0.475849       |
| 2       | 3        | 63.4             | 8           | 1196.0               | 1328.0               | 1.337105       |
| 3       | 1        | 81.9             | 18          | -                    | -                    | 2.007028       |
| 4       | 2        | 51.7             | 16          | 1275.0               | -                    | 3.714046       |
| 5       | 1        | 70.1             | 18          | -                    | -                    | 4.401042       |
| 6       | 2        | 65.4             | 17          | 1135.0               | -                    | 5.406979       |
| 7       | 2        | 87.8             | 17          | 1465.0               | -                    | 6.100560       |
| 8       | 1        | 86.6             | 12          | -                    | -                    | 7.670736       |
| 9       | 3        | 72.3             | 9           | 1944.0               | 1522.0               | 8.055518       |
| 10      | 2        | 99.0             | 12          | 1592.0               | -                    | 9.543951       |
| 11      | 2        | 95.3             | 7           | 1682.0               | -                    | 10.558837      |
| 12      | 1        | 65.8             | 8           | -                    | -                    | 11.613054      |

**Table 100 - Long Sequence Waveform Trial#11 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 57.3             | 9           | 1822.0               | -                    | 0.124957       |
| 2       | 3        | 82.9             | 14          | 1664.0               | 1103.0               | 0.900819       |
| 3       | 2        | 93.0             | 19          | 1253.0               | -                    | 1.907195       |
| 4       | 3        | 64.7             | 8           | 1790.0               | 1829.0               | 2.482248       |
| 5       | 3        | 94.4             | 17          | 1086.0               | 1316.0               | 2.910063       |
| 6       | 1        | 97.2             | 10          | -                    | -                    | 3.730769       |
| 7       | 1        | 53.1             | 19          | -                    | -                    | 4.195521       |
| 8       | 3        | 66.6             | 8           | 1411.0               | 1003.0               | 4.948296       |
| 9       | 2        | 84.8             | 12          | 1751.0               | -                    | 5.866299       |
| 10      | 3        | 82.9             | 13          | 1336.0               | 1748.0               | 6.601557       |
| 11      | 2        | 68.0             | 8           | 1910.0               | -                    | 6.744617       |
| 12      | 2        | 70.1             | 20          | 1946.0               | -                    | 7.689718       |
| 13      | 3        | 63.8             | 6           | 1971.0               | 1421.0               | 8.124697       |
| 14      | 3        | 50.2             | 16          | 1693.0               | 1289.0               | 8.753231       |
| 15      | 2        | 82.6             | 20          | 1087.0               | -                    | 9.876007       |
| 16      | 1        | 76.2             | 12          | -                    | -                    | 10.437656      |
| 17      | 2        | 95.7             | 17          | 1235.0               | -                    | 11.143595      |
| 18      | 3        | 72.4             | 9           | 1278.0               | 1569.0               | 11.593842      |

**Table 101 - Long Sequence Waveform Trial#12 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 70.8             | 18          | 1746.0               | -                    | 0.152067       |
| 2       | 2        | 67.7             | 7           | 1738.0               | -                    | 1.740256       |
| 3       | 1        | 98.7             | 18          | -                    | -                    | 2.969610       |
| 4       | 2        | 77.9             | 19          | 1227.0               | -                    | 5.171462       |
| 5       | 3        | 79.9             | 19          | 1080.0               | 1116.0               | 5.841748       |
| 6       | 3        | 83.8             | 11          | 1527.0               | 1202.0               | 7.883493       |
| 7       | 3        | 88.6             | 19          | 1031.0               | 1724.0               | 8.913271       |
| 8       | 2        | 52.2             | 20          | 1984.0               | -                    | 10.442940      |
| 9       | 2        | 62.1             | 15          | 1820.0               | -                    | 11.919129      |

**Table 102 - Long Sequence Waveform Trial#13 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 95.9             | 17          | -                    | -                    | 1.205293       |
| 2       | 3        | 70.0             | 17          | 1616.0               | 1902.0               | 1.793394       |
| 3       | 1        | 80.3             | 13          | -                    | -                    | 3.981177       |
| 4       | 3        | 94.5             | 6           | 1997.0               | 1270.0               | 4.734460       |
| 5       | 3        | 70.7             | 15          | 1871.0               | 1504.0               | 6.076760       |
| 6       | 2        | 72.0             | 18          | 1016.0               | -                    | 8.403442       |
| 7       | 2        | 51.4             | 19          | 1157.0               | -                    | 9.130549       |
| 8       | 2        | 50.4             | 9           | 1377.0               | -                    | 11.806228      |

**Table 103 - Long Sequence Waveform Trial#14 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 92.2             | 17          | -                    | -                    | 0.689840       |
| 2       | 3        | 51.0             | 6           | 1772.0               | 1101.0               | 1.521695       |
| 3       | 2        | 97.5             | 5           | 1614.0               | -                    | 1.922940       |
| 4       | 3        | 95.9             | 10          | 1148.0               | 1091.0               | 2.987452       |
| 5       | 2        | 86.0             | 19          | 1800.0               | -                    | 3.479696       |
| 6       | 2        | 56.7             | 8           | 1181.0               | -                    | 5.140192       |
| 7       | 1        | 55.9             | 15          | -                    | -                    | 5.305047       |
| 8       | 2        | 62.5             | 18          | 1328.0               | -                    | 6.000371       |
| 9       | 2        | 57.8             | 10          | 1032.0               | -                    | 7.669812       |
| 10      | 2        | 93.9             | 14          | 1658.0               | -                    | 8.374251       |
| 11      | 3        | 83.5             | 7           | 1512.0               | 1541.0               | 9.128412       |
| 12      | 2        | 71.1             | 8           | 1125.0               | -                    | 9.964806       |
| 13      | 1        | 73.7             | 8           | -                    | -                    | 10.544866      |
| 14      | 2        | 82.5             | 18          | 1943.0               | -                    | 11.662588      |

**Table 104 - Long Sequence Waveform Trial#15 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 83.4             | 18          | 1164.0               | -                    | 0.039396       |
| 2       | 3        | 70.5             | 18          | 1772.0               | 1948.0               | 1.301813       |
| 3       | 2        | 92.3             | 10          | 1981.0               | -                    | 1.448148       |
| 4       | 3        | 80.5             | 9           | 1310.0               | 1555.0               | 2.376263       |
| 5       | 3        | 87.4             | 11          | 1076.0               | 1445.0               | 3.004802       |
| 6       | 3        | 55.7             | 20          | 1090.0               | 1602.0               | 4.030631       |
| 7       | 1        | 77.0             | 6           | -                    | -                    | 4.709651       |
| 8       | 1        | 92.7             | 9           | -                    | -                    | 4.999725       |
| 9       | 3        | 53.6             | 10          | 1815.0               | 1517.0               | 5.843804       |
| 10      | 3        | 99.0             | 9           | 1415.0               | 1553.0               | 6.665244       |
| 11      | 2        | 59.8             | 18          | 1269.0               | -                    | 7.447430       |
| 12      | 1        | 74.0             | 9           | -                    | -                    | 7.842654       |
| 13      | 2        | 55.6             | 20          | 1162.0               | -                    | 8.709067       |
| 14      | 3        | 55.3             | 13          | 1957.0               | 1408.0               | 9.723007       |
| 15      | 2        | 70.7             | 9           | 1390.0               | -                    | 9.980549       |
| 16      | 2        | 89.5             | 9           | 1155.0               | -                    | 11.201799      |
| 17      | 2        | 92.6             | 11          | 1843.0               | -                    | 11.656866      |

**Table 105 - Long Sequence Waveform Trial#16 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 82.3             | 9           | 1796.0               | -                    | 0.572958       |
| 2       | 3        | 73.4             | 18          | 1836.0               | 1535.0               | 1.175552       |
| 3       | 3        | 66.4             | 18          | 1600.0               | 1291.0               | 1.645368       |
| 4       | 2        | 56.7             | 13          | 1965.0               | -                    | 2.680502       |
| 5       | 2        | 55.6             | 9           | 1143.0               | -                    | 3.261955       |
| 6       | 3        | 82.7             | 12          | 1836.0               | 1467.0               | 4.258864       |
| 7       | 2        | 60.6             | 9           | 1577.0               | -                    | 4.607771       |
| 8       | 2        | 99.9             | 20          | 1484.0               | -                    | 5.269390       |
| 9       | 2        | 84.0             | 17          | 1122.0               | -                    | 6.448272       |
| 10      | 1        | 73.6             | 15          | -                    | -                    | 7.390777       |
| 11      | 2        | 76.8             | 14          | 1235.0               | -                    | 8.225946       |
| 12      | 2        | 95.3             | 8           | 1792.0               | -                    | 8.974249       |
| 13      | 3        | 61.3             | 14          | 1173.0               | 1323.0               | 9.143313       |
| 14      | 2        | 90.2             | 17          | 1815.0               | -                    | 10.161263      |
| 15      | 3        | 72.3             | 13          | 1619.0               | 1287.0               | 10.870710      |
| 16      | 3        | 73.9             | 5           | 1887.0               | 1280.0               | 11.637310      |

**Table 106 - Long Sequence Waveform Trial#17 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 90.4             | 16          | 1453.0               | -                    | 0.558345       |
| 2       | 3        | 66.9             | 11          | 1787.0               | 1185.0               | 2.365909       |
| 3       | 2        | 61.9             | 5           | 1147.0               | -                    | 4.206621       |
| 4       | 1        | 53.4             | 17          | -                    | -                    | 5.039833       |
| 5       | 2        | 96.1             | 9           | 1548.0               | -                    | 7.171673       |
| 6       | 3        | 97.3             | 7           | 1153.0               | 1678.0               | 7.515562       |
| 7       | 3        | 76.0             | 18          | 1597.0               | 1307.0               | 9.082113       |
| 8       | 1        | 96.2             | 13          | -                    | -                    | 10.701988      |

**Table 107 - Long Sequence Waveform Trial#18 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 95.7             | 8           | -                    | -                    | 0.343751       |
| 2       | 2        | 80.9             | 7           | 1272.0               | -                    | 0.645719       |
| 3       | 2        | 67.4             | 14          | 1160.0               | -                    | 1.496794       |
| 4       | 3        | 68.6             | 11          | 1268.0               | 1723.0               | 1.970460       |
| 5       | 1        | 74.0             | 14          | -                    | -                    | 2.882625       |
| 6       | 1        | 73.1             | 7           | -                    | -                    | 3.504293       |
| 7       | 1        | 58.9             | 5           | -                    | -                    | 3.968723       |
| 8       | 2        | 55.8             | 14          | 1068.0               | -                    | 4.497034       |
| 9       | 3        | 86.2             | 15          | 1246.0               | 1823.0               | 5.300722       |
| 10      | 3        | 94.0             | 19          | 1140.0               | 1587.0               | 6.070018       |
| 11      | 2        | 50.4             | 15          | 1236.0               | -                    | 6.888578       |
| 12      | 3        | 62.0             | 6           | 1248.0               | 1894.0               | 7.253123       |
| 13      | 2        | 57.9             | 14          | 1217.0               | -                    | 7.693492       |
| 14      | 1        | 70.8             | 13          | -                    | -                    | 8.654125       |
| 15      | 3        | 56.2             | 17          | 1790.0               | 1343.0               | 9.459858       |
| 16      | 1        | 96.1             | 12          | -                    | -                    | 9.500281       |
| 17      | 1        | 66.4             | 13          | -                    | -                    | 10.520682      |
| 18      | 3        | 66.2             | 13          | 1732.0               | 1721.0               | 10.740915      |
| 19      | 2        | 54.3             | 7           | 1992.0               | -                    | 11.674379      |

**Table 108 - Long Sequence Waveform Trial#19 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 56.8             | 13          | 1768.0               | 1961.0               | 0.311715       |
| 2       | 2        | 95.5             | 10          | 1579.0               | -                    | 1.293679       |
| 3       | 2        | 78.0             | 19          | 1717.0               | -                    | 2.295176       |
| 4       | 2        | 56.9             | 20          | 1794.0               | -                    | 3.468748       |
| 5       | 1        | 71.2             | 9           | -                    | -                    | 3.695438       |
| 6       | 3        | 62.1             | 7           | 1655.0               | 1553.0               | 5.372355       |
| 7       | 3        | 98.2             | 15          | 1872.0               | 1913.0               | 5.611872       |
| 8       | 1        | 58.0             | 12          | -                    | -                    | 6.539912       |
| 9       | 2        | 96.0             | 15          | 1317.0               | -                    | 7.817427       |
| 10      | 3        | 90.8             | 7           | 1093.0               | 1507.0               | 8.745248       |
| 11      | 3        | 79.6             | 19          | 1971.0               | 1986.0               | 9.296998       |
| 12      | 2        | 93.8             | 14          | 1227.0               | -                    | 10.249963      |
| 13      | 2        | 69.6             | 9           | 1365.0               | -                    | 11.818701      |

**Table 109 - Long Sequence Waveform Trial#20 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 65.0             | 5           | 1915.0               | 1785.0               | 0.021091       |
| 2       | 2        | 53.4             | 8           | 1666.0               | -                    | 1.327738       |
| 3       | 3        | 70.1             | 15          | 1652.0               | 1069.0               | 1.927096       |
| 4       | 3        | 59.8             | 15          | 1264.0               | 1281.0               | 2.719281       |
| 5       | 3        | 76.9             | 13          | 1684.0               | 1912.0               | 3.769657       |
| 6       | 1        | 88.6             | 9           | -                    | -                    | 4.301293       |
| 7       | 3        | 71.8             | 17          | 1926.0               | 1880.0               | 5.347052       |
| 8       | 2        | 72.9             | 19          | 1280.0               | -                    | 6.843570       |
| 9       | 3        | 72.1             | 13          | 1248.0               | 1402.0               | 7.012955       |
| 10      | 2        | 56.4             | 7           | 1033.0               | -                    | 7.959105       |
| 11      | 1        | 98.1             | 19          | -                    | -                    | 8.954639       |
| 12      | 3        | 94.8             | 16          | 1150.0               | 1882.0               | 9.463849       |
| 13      | 3        | 64.3             | 12          | 1309.0               | 1851.0               | 10.320324      |
| 14      | 3        | 89.4             | 20          | 1921.0               | 1836.0               | 11.569178      |

**Table 110 - Long Sequence Waveform Trial#21 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 77.8             | 9           | 1077.0               | -                    | 0.480214       |
| 2       | 1        | 61.8             | 8           | -                    | -                    | 0.896575       |
| 3       | 1        | 55.0             | 20          | -                    | -                    | 1.371195       |
| 4       | 3        | 64.3             | 12          | 1796.0               | 1341.0               | 2.296069       |
| 5       | 3        | 97.4             | 12          | 1429.0               | 1483.0               | 2.846820       |
| 6       | 2        | 79.9             | 6           | 1576.0               | -                    | 3.635067       |
| 7       | 2        | 84.9             | 13          | 1883.0               | -                    | 3.927712       |
| 8       | 2        | 61.1             | 15          | 1535.0               | -                    | 4.872326       |
| 9       | 2        | 98.5             | 16          | 1500.0               | -                    | 5.664817       |
| 10      | 2        | 81.4             | 8           | 1758.0               | -                    | 6.276160       |
| 11      | 1        | 94.4             | 19          | -                    | -                    | 6.545743       |
| 12      | 2        | 72.5             | 15          | 1499.0               | -                    | 7.481430       |
| 13      | 2        | 73.8             | 16          | 1286.0               | -                    | 7.920655       |
| 14      | 3        | 73.6             | 19          | 1772.0               | 1759.0               | 8.759876       |
| 15      | 1        | 73.8             | 20          | -                    | -                    | 9.361049       |
| 16      | 3        | 61.9             | 13          | 1777.0               | 1501.0               | 9.560489       |
| 17      | 3        | 92.1             | 6           | 1055.0               | 1447.0               | 10.368463      |
| 18      | 1        | 93.0             | 18          | -                    | -                    | 11.014970      |
| 19      | 1        | 88.2             | 10          | -                    | -                    | 11.923993      |

**Table 111 - Long Sequence Waveform Trial#22 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 61.3             | 9           | 1444.0               | -                    | 0.813728       |
| 2       | 3        | 53.0             | 18          | 1913.0               | 1518.0               | 1.775112       |
| 3       | 3        | 80.4             | 14          | 1796.0               | 1262.0               | 2.760557       |
| 4       | 1        | 58.4             | 15          | -                    | -                    | 3.486379       |
| 5       | 3        | 53.4             | 6           | 1968.0               | 1440.0               | 4.105469       |
| 6       | 2        | 77.8             | 17          | 1064.0               | -                    | 5.137752       |
| 7       | 2        | 64.5             | 16          | 1172.0               | -                    | 5.702612       |
| 8       | 3        | 92.2             | 17          | 1779.0               | 1210.0               | 6.744147       |
| 9       | 2        | 74.5             | 17          | 1702.0               | -                    | 7.749468       |
| 10      | 1        | 73.3             | 19          | -                    | -                    | 9.224978       |
| 11      | 1        | 69.2             | 9           | -                    | -                    | 9.608463       |
| 12      | 1        | 53.3             | 16          | -                    | -                    | 10.657988      |
| 13      | 1        | 53.2             | 8           | -                    | -                    | 11.794325      |

**Table 112 - Long Sequence Waveform Trial#23 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 81.4             | 16          | 1089.0               | -                    | 1.191434       |
| 2       | 1        | 61.4             | 8           | -                    | -                    | 2.654861       |
| 3       | 1        | 50.2             | 12          | -                    | -                    | 3.617362       |
| 4       | 1        | 69.7             | 15          | -                    | -                    | 4.207211       |
| 5       | 2        | 63.9             | 17          | 1231.0               | -                    | 6.289703       |
| 6       | 1        | 55.5             | 19          | -                    | -                    | 7.974431       |
| 7       | 2        | 84.0             | 13          | 1446.0               | -                    | 8.006137       |
| 8       | 2        | 74.7             | 5           | 1548.0               | -                    | 10.420688      |
| 9       | 1        | 75.1             | 8           | -                    | -                    | 11.777546      |

**Table 113 - Long Sequence Waveform Trial#24 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 83.3             | 12          | -                    | -                    | 0.653242       |
| 2       | 2        | 63.1             | 18          | 1736.0               | -                    | 1.444687       |
| 3       | 2        | 84.2             | 16          | 1975.0               | -                    | 2.807666       |
| 4       | 2        | 85.6             | 13          | 1820.0               | -                    | 4.230125       |
| 5       | 3        | 69.2             | 12          | 1512.0               | 1856.0               | 5.660761       |
| 6       | 2        | 61.0             | 17          | 1081.0               | -                    | 7.615992       |
| 7       | 2        | 61.5             | 6           | 1932.0               | -                    | 8.993388       |
| 8       | 3        | 60.2             | 14          | 1381.0               | 1309.0               | 9.561132       |
| 9       | 2        | 92.8             | 15          | 1512.0               | -                    | 11.223922      |

**Table 114 - Long Sequence Waveform Trial#25 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 1        | 50.3             | 16          | -                    | -                    | 0.836069       |
| 2       | 2        | 51.3             | 6           | 1207.0               | -                    | 1.434585       |
| 3       | 1        | 62.6             | 7           | -                    | -                    | 2.612725       |
| 4       | 3        | 87.7             | 7           | 1939.0               | 1625.0               | 3.310987       |
| 5       | 3        | 99.4             | 8           | 1224.0               | 1341.0               | 3.904435       |
| 6       | 2        | 58.5             | 7           | 1470.0               | -                    | 5.230222       |
| 7       | 1        | 80.6             | 9           | -                    | -                    | 6.223398       |
| 8       | 1        | 75.4             | 11          | -                    | -                    | 7.020646       |
| 9       | 3        | 66.9             | 8           | 1672.0               | 1703.0               | 7.975445       |
| 10      | 1        | 71.7             | 16          | -                    | -                    | 8.681883       |
| 11      | 2        | 94.3             | 15          | 1556.0               | -                    | 9.547110       |
| 12      | 2        | 72.8             | 17          | 1681.0               | -                    | 10.236618      |
| 13      | 2        | 60.8             | 12          | 1203.0               | -                    | 11.770553      |

**Table 115 - Long Sequence Waveform Trial#26 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 75.0             | 18          | 1838.0               | 1015.0               | 0.507386       |
| 2       | 2        | 71.5             | 14          | 1949.0               | -                    | 1.751543       |
| 3       | 3        | 62.2             | 18          | 1626.0               | 1672.0               | 2.533072       |
| 4       | 2        | 99.6             | 7           | 1189.0               | -                    | 4.001594       |
| 5       | 2        | 92.7             | 7           | 1689.0               | -                    | 4.885025       |
| 6       | 2        | 57.9             | 16          | 1026.0               | -                    | 6.198547       |
| 7       | 1        | 79.5             | 9           | -                    | -                    | 6.837711       |
| 8       | 3        | 55.4             | 16          | 1413.0               | 1058.0               | 8.230939       |
| 9       | 2        | 82.4             | 9           | 1056.0               | -                    | 9.124435       |
| 10      | 3        | 94.4             | 9           | 1485.0               | 1325.0               | 10.508068      |
| 11      | 2        | 82.7             | 15          | 1607.0               | -                    | 10.943053      |

**Table 116 - Long Sequence Waveform Trial#27 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 50.7             | 8           | 1438.0               | -                    | 1.032295       |
| 2       | 2        | 69.3             | 11          | 1321.0               | -                    | 1.933097       |
| 3       | 1        | 60.7             | 15          | -                    | -                    | 2.887261       |
| 4       | 1        | 70.8             | 9           | -                    | -                    | 3.541302       |
| 5       | 2        | 50.4             | 5           | 1154.0               | -                    | 5.411051       |
| 6       | 3        | 53.3             | 17          | 1930.0               | 1046.0               | 5.617980       |
| 7       | 2        | 80.2             | 20          | 1320.0               | -                    | 7.359472       |
| 8       | 3        | 64.7             | 17          | 1110.0               | 1432.0               | 7.886337       |
| 9       | 2        | 97.7             | 17          | 1327.0               | -                    | 9.805191       |
| 10      | 2        | 84.2             | 9           | 1144.0               | -                    | 10.536260      |
| 11      | 2        | 69.0             | 7           | 1484.0               | -                    | 11.298592      |

**Table 117 - Long Sequence Waveform Trial#28 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 96.8             | 7           | 1160.0               | 1722.0               | 0.154984       |
| 2       | 1        | 99.5             | 8           | -                    | -                    | 1.683406       |
| 3       | 2        | 57.6             | 14          | 1913.0               | -                    | 2.969222       |
| 4       | 3        | 98.5             | 8           | 1027.0               | 1422.0               | 3.758189       |
| 5       | 3        | 60.6             | 15          | 1955.0               | 1353.0               | 4.677284       |
| 6       | 2        | 84.0             | 19          | 1692.0               | -                    | 6.285936       |
| 7       | 1        | 74.9             | 11          | -                    | -                    | 7.391517       |
| 8       | 2        | 71.9             | 19          | 1446.0               | -                    | 8.722612       |
| 9       | 1        | 97.2             | 6           | -                    | -                    | 8.937778       |
| 10      | 1        | 82.0             | 9           | -                    | -                    | 10.359327      |
| 11      | 1        | 63.4             | 10          | -                    | -                    | 11.876909      |

**Table 118 - Long Sequence Waveform Trial#29 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 3        | 85.1             | 9           | 1357.0               | 1822.0               | 0.024287       |
| 2       | 1        | 69.6             | 12          | -                    | -                    | 0.948462       |
| 3       | 1        | 88.8             | 16          | -                    | -                    | 1.836137       |
| 4       | 2        | 74.1             | 19          | 1711.0               | -                    | 2.559433       |
| 5       | 1        | 52.0             | 7           | -                    | -                    | 2.763167       |
| 6       | 2        | 86.1             | 12          | 1927.0               | -                    | 3.786025       |
| 7       | 2        | 84.4             | 15          | 1588.0               | -                    | 4.330351       |
| 8       | 1        | 87.3             | 6           | -                    | -                    | 4.966415       |
| 9       | 1        | 50.9             | 14          | -                    | -                    | 5.660693       |
| 10      | 2        | 81.4             | 12          | 1283.0               | -                    | 6.613309       |
| 11      | 2        | 63.2             | 17          | 1400.0               | -                    | 7.143239       |
| 12      | 2        | 88.0             | 18          | 1124.0               | -                    | 7.416354       |
| 13      | 3        | 76.6             | 8           | 1904.0               | 1484.0               | 8.538570       |
| 14      | 2        | 54.7             | 20          | 1048.0               | -                    | 9.237128       |
| 15      | 2        | 66.5             | 10          | 1707.0               | -                    | 9.659991       |
| 16      | 2        | 77.5             | 16          | 1617.0               | -                    | 10.448854      |
| 17      | 1        | 91.8             | 7           | -                    | -                    | 10.693483      |
| 18      | 2        | 54.2             | 14          | 1227.0               | -                    | 11.882349      |

**Table 119 - Long Sequence Waveform Trial#30 (Detected) 802.11ac 80**

| Burst # | # Pulses | Pulse Width (us) | Chirp (MHz) | Interval 1 to 2 (us) | Interval 2 to 3 (us) | Start time (s) |
|---------|----------|------------------|-------------|----------------------|----------------------|----------------|
| 1       | 2        | 85.5             | 6           | 1900.0               | -                    | 0.129730       |
| 2       | 2        | 60.7             | 16          | 1196.0               | -                    | 1.542914       |
| 3       | 1        | 81.4             | 17          | -                    | -                    | 2.327813       |
| 4       | 2        | 72.4             | 6           | 1458.0               | -                    | 2.803410       |
| 5       | 2        | 63.1             | 7           | 1571.0               | -                    | 3.475336       |
| 6       | 1        | 77.8             | 10          | -                    | -                    | 4.282519       |
| 7       | 3        | 85.6             | 13          | 1440.0               | 1538.0               | 5.187381       |
| 8       | 2        | 58.4             | 8           | 1960.0               | -                    | 6.026017       |
| 9       | 2        | 77.0             | 15          | 1766.0               | -                    | 7.020625       |
| 10      | 1        | 79.1             | 10          | -                    | -                    | 7.726163       |
| 11      | 1        | 51.8             | 13          | -                    | -                    | 8.422520       |
| 12      | 3        | 59.3             | 18          | 1985.0               | 1275.0               | 9.309997       |
| 13      | 2        | 90.6             | 10          | 1951.0               | -                    | 10.065022      |
| 14      | 2        | 87.7             | 10          | 1218.0               | -                    | 10.862689      |
| 15      | 2        | 86.0             | 19          | 1322.0               | -                    | 11.668330      |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | 9                | 1.0                 | 333.0    | Yes      | 5491.7MHz,<br>-64.0dBm      | Hop sequence: 5521, 5491, 5311, 5601, 5610, 5282, 5624, 5577, 5332, 5320, 5582, 5318, 5457, 5563, 5430, 5439, 5424, 5284, 5551, 5622, 5512, 5260, 5288, 5497, 5620, 5591, 5540, 5708, 5671, 5446, 5291, 5514, 5706, 5710, 5507, 5504, 5452, 5484, 5707, 5573, 5615, 5374, 5290, 5263, 5564, 5358, 5467, 5403, 5534, 5420, 5519, 5648, 5528, 5273, 5532, 5463, 5553, 5339, 5391, 5634, 5468, 5481, 5535, 5323, 5568, 5379, 5661, 5544, 5445, 5270, 5608, 5571, 5442, 5256, 5550, 5325, 5490, 5412, 5581, 5536, 5709, 5576, 5538, 5382, 5434, 5659, 5328, 5297, 5632, 5478, 5437, 5527, 5500, 5401, 5292, 5436, 5713, 5359, 5574, 5397 (23 hits) (04/04/2016 08:12:05 PM) |
| 2       | 9                | 1.0                 | 333.0    | Yes      | 5492.7MHz,<br>-64.0dBm      | Hop sequence: 5320, 5278, 5410, 5510, 5434, 5687, 5393, 5484, 5386, 5358, 5327, 5387, 5258, 5479, 5367, 5344, 5679, 5452, 5495, 5502, 5673, 5637, 5448, 5341, 5347, 5486, 5462, 5326, 5713, 5519, 5354, 5548, 5689, 5552, 5335, 5696, 5521, 5580, 5529, 5390, 5515, 5589, 5664, 5311, 5514, 5295, 5693, 5498, 5442, 5581, 5530, 5528, 5280, 5556, 5512, 5500, 5301, 5290, 5653, 5506, 5715, 5555, 5302, 5615, 5389, 5439, 5449, 5634, 5357, 5253, 5578, 5402, 5539, 5525, 5623, 5683, 5576, 5283, 5676, 5675, 5441, 5346, 5455, 5313, 5348, 5491, 5294, 5655, 5635, 5377, 5684, 5520, 5699, 5594, 5323, 5355, 5451, 5256, 5380, 5600 (21 hits) (04/04/2016 08:15:13 PM) |
| 3       | 9                | 1.0                 | 333.0    | Yes      | 5493.7MHz,<br>-64.0dBm      | Hop sequence: 5417, 5462, 5505, 5657, 5498, 5576, 5510, 5408, 5494, 5472, 5536, 5489, 5475, 5685, 5677, 5253, 5614, 5372, 5300, 5535, 5434, 5709, 5653, 5338, 5440, 5619, 5464, 5466, 5557, 5396, 5461, 5371, 5420, 5429, 5259, 5441, 5551, 5698, 5627, 5392, 5715, 5321, 5447, 5543, 5690, 5379, 5548, 5335, 5651, 5256, 5450, 5443, 5636, 5533, 5404, 5460, 5352, 5393, 5675, 5272, 5444, 5363, 5681, 5673, 5368, 5572, 5331, 5484, 5412, 5570, 5609, 5474, 5601, 5479, 5534, 5541, 5661, 5559, 5668, 5691, 5555, 5604, 5523, 5304, 5278, 5567, 5316, 5255, 5539, 5538, 5625, 5511, 5721, 5716, 5588, 5274, 5276, 5378, 5258, 5322 (20 hits) (04/04/2016 08:15:29 PM) |
| 4       | 9                | 1.0                 | 333.0    | Yes      | 5494.7MHz,<br>-64.0dBm      | Hop sequence: 5622, 5721, 5330, 5349, 5506, 5362, 5609, 5688, 5450,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5593, 5521, 5297, 5675, 5599, 5690, 5423, 5579, 5558, 5503, 5498, 5586, 5289, 5254, 5725, 5565, 5618, 5554, 5266, 5645, 5504, 5356, 5631, 5454, 5695, 5541, 5679, 5488, 5656, 5704, 5426, 5317, 5305, 5601, 5265, 5390, 5458, 5438, 5613, 5404, 5283, 5523, 5304, 5568, 5251, 5589, 5302, 5421, 5256, 5451, 5369, 5400, 5410, 5619, 5564, 5680, 5522, 5288, 5574, 5591, 5707, 5475, 5489, 5614, 5577, 5434, 5538, 5676, 5342, 5636, 5542, 5620, 5518, 5610, 5524, 5275, 5608, 5596, 5628, 5322, 5637, 5276, 5340, 5309, 5723, 5274, 5638, 5287, 5441, 5510, 5407 (18 hits) (04/04/2016 08:15:51 PM)                                                                     |
| 5       | 9                | 1.0                 | 333.0    | Yes      | 5495.7MHz,<br>-64.0dBm      | Hop sequence: 5706, 5416, 5503, 5343, 5673, 5257, 5667, 5577, 5484, 5652, 5461, 5311, 5591, 5276, 5637, 5310, 5527, 5514, 5325, 5724, 5446, 5640, 5709, 5692, 5355, 5489, 5638, 5625, 5649, 5696, 5299, 5298, 5539, 5645, 5658, 5721, 5690, 5297, 5538, 5466, 5557, 5492, 5632, 5693, 5278, 5685, 5473, 5404, 5698, 5664, 5454, 5337, 5525, 5312, 5414, 5668, 5266, 5305, 5329, 5553, 5349, 5536, 5264, 5428, 5468, 5549, 5274, 5352, 5599, 5680, 5467, 5451, 5703, 5589, 5619, 5593, 5361, 5541, 5360, 5363, 5308, 5612, 5519, 5419, 5259, 5358, 5330, 5657, 5252, 5529, 5397, 5695, 5263, 5322, 5546, 5656, 5375, 5624, 5323, 5662 (15 hits) (04/04/2016 08:16:06 PM) |
| 6       | 9                | 1.0                 | 333.0    | Yes      | 5496.7MHz,<br>-64.0dBm      | Hop sequence: 5319, 5721, 5483, 5445, 5509, 5334, 5444, 5288, 5362, 5419, 5570, 5712, 5708, 5716, 5560, 5718, 5590, 5540, 5649, 5664, 5306, 5594, 5621, 5338, 5442, 5371, 5481, 5308, 5384, 5396, 5588, 5434, 5356, 5581, 5717, 5613, 5511, 5697, 5698, 5294, 5535, 5647, 5642, 5422, 5677, 5564, 5556, 5448, 5466, 5488, 5477, 5565, 5543, 5411, 5553, 5577, 5584, 5437, 5648, 5423, 5532, 5507, 5436, 5267, 5715, 5313, 5659, 5418, 5633, 5258, 5273, 5323, 5652, 5459, 5282, 5573, 5685, 5284, 5500, 5593, 5350, 5458, 5390, 5369, 5676, 5381, 5320, 5599, 5451, 5550, 5299, 5655, 5520, 5686, 5270, 5354, 5480, 5603, 5639, 5622 (15 hits) (04/04/2016 08:16:20 PM) |
| 7       | 9                | 1.0                 | 333.0    | Yes      | 5497.7MHz,<br>-64.0dBm      | Hop sequence: 5504, 5276, 5650, 5576, 5323, 5428, 5375, 5287, 5311, 5623, 5303, 5667, 5435, 5679, 5702, 5707, 5432, 5458, 5684, 5419, 5624, 5467, 5322, 5310, 5491, 5666, 5544, 5672, 5457, 5257, 5513, 5505, 5494,                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5489, 5604, 5663, 5374, 5339, 5407, 5592, 5325, 5564, 5443, 5275, 5482, 5378, 5460, 5651, 5492, 5319, 5473, 5405, 5336, 5499, 5552, 5469, 5531, 5308, 5506, 5382, 5328, 5630, 5555, 5442, 5483, 5430, 5688, 5273, 5680, 5394, 5534, 5523, 5313, 5644, 5335, 5711, 5356, 5537, 5577, 5621, 5392, 5625, 5602, 5655, 5631, 5645, 5542, 5581, 5512, 5516, 5484, 5377, 5562, 5452, 5652, 5583, 5329, 5704, 5527, 5320 (20 hits) (04/04/2016 08:16:36 PM)                                                                                                                                                                                                                     |
| 8       | 9                | 1.0                 | 333.0    | Yes      | 5498.7MHz,<br>-64.0dBm      | Hop sequence: 5347, 5695, 5295, 5479, 5675, 5494, 5720, 5558, 5344, 5381, 5496, 5557, 5471, 5383, 5491, 5517, 5616, 5576, 5404, 5514, 5704, 5268, 5667, 5684, 5523, 5586, 5302, 5319, 5459, 5653, 5288, 5515, 5518, 5509, 5589, 5308, 5563, 5630, 5525, 5533, 5497, 5333, 5303, 5488, 5343, 5441, 5645, 5299, 5693, 5378, 5512, 5292, 5486, 5642, 5613, 5262, 5310, 5510, 5490, 5552, 5508, 5385, 5278, 5524, 5421, 5411, 5520, 5304, 5318, 5277, 5673, 5267, 5606, 5368, 5359, 5591, 5472, 5666, 5713, 5545, 5353, 5425, 5724, 5719, 5349, 5627, 5406, 5649, 5469, 5717, 5374, 5417, 5341, 5594, 5336, 5652, 5282, 5357, 5709, 5412 (21 hits) (04/04/2016 08:16:52 PM) |
| 9       | 9                | 1.0                 | 333.0    | Yes      | 5499.7MHz,<br>-64.0dBm      | Hop sequence: 5638, 5548, 5333, 5367, 5409, 5549, 5360, 5661, 5304, 5710, 5576, 5679, 5413, 5279, 5500, 5708, 5359, 5276, 5535, 5303, 5678, 5266, 5300, 5317, 5307, 5390, 5256, 5306, 5426, 5484, 5410, 5513, 5393, 5415, 5466, 5487, 5292, 5344, 5289, 5617, 5609, 5680, 5352, 5502, 5357, 5461, 5490, 5565, 5707, 5508, 5467, 5327, 5368, 5308, 5286, 5539, 5434, 5347, 5700, 5512, 5363, 5499, 5547, 5637, 5546, 5428, 5416, 5270, 5582, 5315, 5374, 5291, 5692, 5443, 5465, 5581, 5640, 5334, 5521, 5684, 5438, 5519, 5269, 5587, 5268, 5456, 5460, 5652, 5476, 5471, 5529, 5523, 5389, 5673, 5433, 5619, 5381, 5605, 5329, 5554 (18 hits) (04/04/2016 08:17:09 PM) |
| 10      | 9                | 1.0                 | 333.0    | Yes      | 5500.7MHz,<br>-64.0dBm      | Hop sequence: 5423, 5591, 5676, 5642, 5432, 5553, 5502, 5275, 5292, 5454, 5337, 5299, 5703, 5704, 5652, 5451, 5510, 5542, 5580, 5635, 5464, 5608, 5556, 5592, 5571, 5477, 5711, 5475, 5336, 5443, 5287, 5694, 5446, 5381, 5301, 5604, 5725, 5281, 5650, 5695, 5286, 5424, 5628, 5372, 5392, 5566, 5492, 5411, 5621, 5682, 5302, 5651, 5561, 5427, 5375, 5701, 5640,                                                                                                                                                                                                                                                                                                     |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5535, 5295, 5290, 5441, 5358, 5431, 5533, 5596, 5398, 5588, 5355, 5543, 5418, 5654, 5395, 5393, 5320, 5254, 5697, 5570, 5590, 5272, 5563, 5460, 5296, 5605, 5532, 5483, 5620, 5599, 5472, 5718, 5702, 5391, 5488, 5403, 5346, 5314, 5622, 5405, 5452, 5517, 5434 (14 hits) (04/04/2016 08:17:24 PM)                                                                                                                                                                                                                                                                                                                                                                     |
| 11      | 9                | 1.0                 | 333.0    | Yes      | 5501.7MHz,<br>-64.0dBm      | Hop sequence: 5517, 5434, 5656, 5604, 5475, 5305, 5413, 5673, 5270, 5420, 5482, 5404, 5267, 5410, 5258, 5617, 5569, 5327, 5712, 5257, 5662, 5504, 5483, 5657, 5653, 5511, 5346, 5453, 5547, 5408, 5620, 5676, 5602, 5386, 5262, 5335, 5381, 5398, 5279, 5351, 5491, 5250, 5708, 5425, 5468, 5439, 5681, 5356, 5429, 5467, 5709, 5309, 5256, 5665, 5601, 5585, 5463, 5324, 5490, 5589, 5641, 5654, 5302, 5311, 5672, 5320, 5293, 5251, 5373, 5548, 5661, 5510, 5497, 5539, 5448, 5629, 5436, 5304, 5634, 5303, 5314, 5338, 5611, 5402, 5652, 5718, 5422, 5443, 5592, 5555, 5570, 5292, 5500, 5671, 5414, 5287, 5485, 5521, 5374, 5445 (11 hits) (04/04/2016 08:17:42 PM) |
| 12      | 9                | 1.0                 | 333.0    | Yes      | 5502.7MHz,<br>-64.0dBm      | Hop sequence: 5536, 5261, 5436, 5333, 5341, 5501, 5264, 5398, 5541, 5685, 5713, 5336, 5388, 5583, 5717, 5652, 5295, 5409, 5674, 5590, 5625, 5580, 5300, 5400, 5533, 5654, 5474, 5303, 5290, 5278, 5562, 5464, 5599, 5527, 5335, 5372, 5326, 5369, 5679, 5549, 5460, 5363, 5483, 5381, 5561, 5443, 5444, 5417, 5531, 5611, 5445, 5488, 5573, 5617, 5419, 5521, 5694, 5673, 5637, 5484, 5556, 5490, 5428, 5523, 5605, 5512, 5651, 5725, 5615, 5600, 5296, 5614, 5581, 5459, 5519, 5272, 5502, 5516, 5494, 5325, 5687, 5255, 5438, 5592, 5699, 5524, 5435, 5554, 5470, 5565, 5676, 5552, 5691, 5680, 5379, 5711, 5525, 5432, 5318, 5453 (22 hits) (04/04/2016 08:17:59 PM) |
| 13      | 9                | 1.0                 | 333.0    | Yes      | 5503.7MHz,<br>-64.0dBm      | Hop sequence: 5448, 5662, 5326, 5498, 5428, 5593, 5495, 5654, 5624, 5456, 5650, 5440, 5553, 5489, 5663, 5355, 5592, 5608, 5321, 5569, 5542, 5628, 5485, 5445, 5724, 5374, 5675, 5646, 5467, 5687, 5477, 5301, 5376, 5548, 5414, 5575, 5327, 5315, 5505, 5444, 5510, 5269, 5491, 5380, 5464, 5651, 5411, 5622, 5563, 5535, 5520, 5384, 5517, 5642, 5273, 5320, 5533, 5532, 5609, 5402, 5296, 5253, 5516, 5382, 5708, 5375, 5605, 5670, 5279, 5437, 5412, 5702, 5255, 5547, 5254, 5342, 5613, 5415, 5538, 5311, 5421,                                                                                                                                                     |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5360, 5635, 5361, 5482, 5486, 5435, 5417, 5396, 5506, 5657, 5433, 5362, 5393, 5572, 5574, 5457, 5723, 5357, 5265 (17 hits) (04/04/2016 08:18:14 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 14      | 9                | 1.0                 | 333.0    | Yes      | 5504.7MHz,<br>-64.0dBm      | Hop sequence: 5315, 5610, 5323, 5620, 5447, 5355, 5636, 5285, 5519, 5343, 5412, 5295, 5612, 5530, 5586, 5254, 5656, 5350, 5399, 5674, 5299, 5533, 5619, 5601, 5454, 5695, 5330, 5655, 5476, 5638, 5522, 5250, 5272, 5344, 5461, 5302, 5292, 5595, 5484, 5373, 5725, 5392, 5366, 5257, 5427, 5504, 5487, 5670, 5489, 5713, 5516, 5575, 5526, 5406, 5471, 5618, 5652, 5324, 5259, 5639, 5376, 5281, 5520, 5462, 5284, 5445, 5448, 5258, 5319, 5524, 5557, 5276, 5264, 5385, 5505, 5607, 5703, 5495, 5357, 5518, 5428, 5432, 5450, 5311, 5677, 5273, 5374, 5659, 5456, 5433, 5441, 5378, 5328, 5415, 5616, 5506, 5463, 5525, 5352, 5711 (15 hits) (04/04/2016 08:18:37 PM) |
| 15      | 9                | 1.0                 | 333.0    | Yes      | 5505.7MHz,<br>-64.0dBm      | Hop sequence: 5386, 5473, 5519, 5257, 5369, 5420, 5425, 5569, 5495, 5370, 5364, 5494, 5659, 5435, 5417, 5587, 5675, 5525, 5491, 5391, 5623, 5465, 5592, 5617, 5634, 5661, 5682, 5601, 5460, 5351, 5294, 5535, 5304, 5360, 5671, 5576, 5365, 5466, 5618, 5339, 5268, 5590, 5542, 5670, 5709, 5526, 5350, 5270, 5400, 5319, 5561, 5313, 5570, 5608, 5281, 5515, 5533, 5510, 5355, 5604, 5390, 5327, 5702, 5401, 5389, 5349, 5630, 5518, 5449, 5415, 5512, 5639, 5454, 5554, 5345, 5696, 5699, 5663, 5725, 5324, 5697, 5658, 5418, 5387, 5647, 5271, 5591, 5274, 5283, 5609, 5724, 5329, 5334, 5444, 5412, 5464, 5438, 5275, 5431, 5611 (14 hits) (04/04/2016 08:18:52 PM) |
| 16      | 9                | 1.0                 | 333.0    | Yes      | 5506.7MHz,<br>-64.0dBm      | Hop sequence: 5492, 5357, 5291, 5517, 5342, 5573, 5481, 5290, 5537, 5638, 5654, 5603, 5470, 5700, 5504, 5576, 5315, 5350, 5674, 5365, 5614, 5610, 5637, 5328, 5563, 5699, 5570, 5644, 5544, 5475, 5692, 5269, 5565, 5251, 5441, 5488, 5495, 5465, 5450, 5715, 5336, 5391, 5668, 5320, 5535, 5443, 5661, 5368, 5505, 5483, 5633, 5694, 5550, 5585, 5522, 5286, 5671, 5595, 5598, 5430, 5641, 5463, 5366, 5594, 5539, 5433, 5352, 5313, 5432, 5652, 5560, 5608, 5582, 5554, 5718, 5417, 5311, 5455, 5370, 5599, 5300, 5506, 5682, 5621, 5702, 5444, 5536, 5659, 5397, 5266, 5479, 5655, 5584, 5489, 5546, 5292, 5720, 5667, 5338, 5418 (18 hits) (04/04/2016 08:19:18 PM) |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 17      | 9                | 1.0                 | 333.0    | Yes      | 5507.7MHz,<br>-64.0dBm      | Hop sequence: 5366, 5623, 5707, 5681, 5449, 5663, 5512, 5605, 5542, 5704, 5724, 5583, 5580, 5322, 5350, 5426, 5253, 5654, 5400, 5601, 5535, 5370, 5433, 5645, 5446, 5255, 5620, 5427, 5360, 5375, 5468, 5705, 5680, 5330, 5388, 5566, 5565, 5619, 5576, 5421, 5268, 5346, 5653, 5582, 5305, 5485, 5309, 5461, 5719, 5504, 5556, 5517, 5723, 5397, 5443, 5561, 5702, 5708, 5602, 5527, 5357, 5291, 5450, 5509, 5339, 5607, 5455, 5644, 5402, 5318, 5481, 5691, 5414, 5336, 5364, 5514, 5369, 5696, 5624, 5608, 5579, 5264, 5362, 5385, 5347, 5684, 5288, 5378, 5575, 5390, 5671, 5343, 5407, 5312, 5252, 5335, 5676, 5595, 5682, 5559 (13 hits) (04/04/2016 08:19:37 PM) |
| 18      | 9                | 1.0                 | 333.0    | Yes      | 5508.7MHz,<br>-64.0dBm      | Hop sequence: 5379, 5599, 5532, 5263, 5288, 5540, 5414, 5543, 5306, 5654, 5458, 5299, 5648, 5370, 5592, 5331, 5435, 5360, 5615, 5442, 5482, 5607, 5381, 5282, 5441, 5433, 5448, 5450, 5600, 5556, 5573, 5699, 5326, 5683, 5704, 5346, 5596, 5286, 5426, 5409, 5674, 5673, 5706, 5499, 5352, 5420, 5407, 5362, 5579, 5408, 5262, 5497, 5623, 5711, 5493, 5281, 5634, 5471, 5635, 5636, 5686, 5692, 5434, 5477, 5367, 5342, 5509, 5275, 5265, 5572, 5257, 5612, 5475, 5563, 5554, 5624, 5517, 5677, 5374, 5582, 5324, 5264, 5295, 5311, 5294, 5276, 5480, 5252, 5640, 5606, 5675, 5347, 5494, 5376, 5513, 5719, 5490, 5313, 5405, 5380 (13 hits) (04/04/2016 08:20:07 PM) |
| 19      | 9                | 1.0                 | 333.0    | Yes      | 5509.7MHz,<br>-64.0dBm      | Hop sequence: 5671, 5630, 5717, 5615, 5525, 5613, 5315, 5390, 5341, 5542, 5268, 5535, 5338, 5342, 5716, 5455, 5420, 5529, 5256, 5556, 5665, 5578, 5259, 5619, 5550, 5460, 5713, 5445, 5438, 5416, 5444, 5257, 5647, 5321, 5715, 5439, 5697, 5699, 5382, 5492, 5421, 5317, 5585, 5634, 5365, 5250, 5412, 5393, 5291, 5604, 5362, 5580, 5658, 5368, 5457, 5309, 5345, 5527, 5491, 5319, 5595, 5363, 5471, 5569, 5722, 5687, 5261, 5637, 5298, 5495, 5531, 5448, 5719, 5573, 5395, 5684, 5617, 5326, 5331, 5659, 5429, 5260, 5515, 5469, 5526, 5251, 5703, 5401, 5670, 5397, 5650, 5570, 5269, 5427, 5582, 5685, 5285, 5711, 5605, 5540 (13 hits) (04/04/2016 08:20:27 PM) |
| 20      | 9                | 1.0                 | 333.0    | Yes      | 5510.7MHz,<br>-64.0dBm      | Hop sequence: 5350, 5648, 5261, 5543, 5632, 5718, 5479, 5400, 5256, 5281, 5575, 5342, 5250, 5666, 5354,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5355, 5330, 5657, 5425, 5722, 5452, 5377, 5551, 5596, 5630, 5483, 5270, 5371, 5484, 5540, 5372, 5538, 5645, 5726, 5419, 5252, 5438, 5401, 5643, 5568, 5576, 5686, 5399, 5408, 5447, 5413, 5720, 5558, 5276, 5303, 5392, 5597, 5263, 5656, 5547, 5278, 5618, 5285, 5495, 5336, 5524, 5527, 5683, 5679, 5520, 5403, 5370, 5327, 5345, 5325, 5530, 5509, 5459, 5603, 5375, 5473, 5410, 5501, 5542, 5621, 5500, 5426, 5689, 5644, 5318, 5588, 5594, 5434, 5705, 5320, 5412, 5353, 5395, 5693, 5534, 5638, 5398, 5584, 5286, 5653 (17 hits) (04/04/2016 08:20:45 PM)                                                                                                         |
| 21      | 9                | 1.0                 | 333.0    | Yes      | 5511.7MHz,<br>-64.0dBm      | Hop sequence: 5504, 5683, 5719, 5592, 5391, 5372, 5629, 5564, 5253, 5342, 5268, 5417, 5421, 5429, 5274, 5326, 5352, 5322, 5718, 5659, 5514, 5633, 5264, 5347, 5648, 5466, 5662, 5657, 5361, 5613, 5442, 5608, 5344, 5584, 5487, 5327, 5701, 5616, 5389, 5366, 5385, 5407, 5382, 5308, 5390, 5472, 5705, 5296, 5484, 5490, 5692, 5301, 5641, 5554, 5579, 5655, 5532, 5567, 5632, 5506, 5367, 5647, 5483, 5691, 5581, 5566, 5317, 5600, 5599, 5531, 5555, 5638, 5627, 5313, 5575, 5486, 5589, 5553, 5499, 5611, 5724, 5284, 5302, 5437, 5538, 5285, 5559, 5601, 5350, 5404, 5279, 5508, 5582, 5444, 5524, 5270, 5494, 5651, 5283, 5528 (18 hits) (04/04/2016 08:21:05 PM) |
| 22      | 9                | 1.0                 | 333.0    | Yes      | 5512.7MHz,<br>-64.0dBm      | Hop sequence: 5437, 5312, 5547, 5677, 5435, 5670, 5641, 5576, 5372, 5504, 5703, 5522, 5602, 5657, 5630, 5616, 5455, 5483, 5315, 5311, 5608, 5292, 5363, 5696, 5626, 5671, 5656, 5589, 5545, 5568, 5606, 5391, 5717, 5383, 5635, 5621, 5668, 5450, 5600, 5360, 5407, 5424, 5484, 5412, 5718, 5304, 5399, 5336, 5622, 5458, 5294, 5417, 5410, 5651, 5535, 5465, 5625, 5550, 5661, 5680, 5430, 5266, 5326, 5283, 5274, 5562, 5388, 5318, 5496, 5393, 5693, 5613, 5609, 5571, 5586, 5431, 5466, 5572, 5686, 5463, 5669, 5502, 5413, 5709, 5551, 5612, 5260, 5284, 5526, 5472, 5343, 5288, 5564, 5443, 5440, 5618, 5282, 5384, 5342, 5573 (13 hits) (04/04/2016 08:21:23 PM) |
| 23      | 9                | 1.0                 | 333.0    | Yes      | 5513.7MHz,<br>-64.0dBm      | Hop sequence: 5725, 5507, 5624, 5627, 5316, 5613, 5724, 5472, 5320, 5640, 5409, 5424, 5312, 5324, 5440, 5546, 5329, 5537, 5375, 5412, 5360, 5393, 5545, 5302, 5300, 5612, 5467, 5690, 5604, 5251, 5595, 5615, 5590, 5449, 5478, 5693, 5387, 5378, 5585,                                                                                                                                                                                                                                                                                                                                                                                                                 |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5711, 5720, 5493, 5682, 5553, 5426, 5719, 5385, 5402, 5333, 5301, 5401, 5637, 5338, 5597, 5508, 5678, 5490, 5346, 5331, 5339, 5541, 5721, 5451, 5278, 5376, 5256, 5276, 5468, 5370, 5352, 5342, 5654, 5700, 5689, 5591, 5480, 5643, 5461, 5518, 5502, 5647, 5634, 5513, 5663, 5496, 5598, 5582, 5372, 5357, 5398, 5662, 5328, 5543, 5704, 5303, 5428, 5448, 5327, 5561, 5672 (14 hits) (04/04/2016 08:21:38 PM)                                                                                                                                                                                                                                                         |
| 24      | 9                | 1.0                 | 333.0    | Yes      | 5514.7MHz,<br>-64.0dBm      | Hop sequence: 5326, 5302, 5670, 5455, 5284, 5584, 5426, 5323, 5367, 5398, 5350, 5489, 5356, 5521, 5522, 5508, 5405, 5699, 5531, 5308, 5688, 5341, 5422, 5627, 5292, 5561, 5695, 5687, 5295, 5433, 5393, 5645, 5549, 5483, 5490, 5446, 5479, 5309, 5651, 5371, 5603, 5293, 5280, 5500, 5394, 5348, 5568, 5297, 5315, 5265, 5535, 5439, 5443, 5656, 5291, 5683, 5334, 5639, 5421, 5360, 5395, 5592, 5305, 5475, 5473, 5319, 5474, 5674, 5285, 5626, 5318, 5320, 5358, 5368, 5693, 5574, 5411, 5527, 5619, 5713, 5607, 5344, 5663, 5632, 5692, 5386, 5277, 5437, 5492, 5593, 5509, 5668, 5467, 5528, 5544, 5465, 5301, 5286, 5254, 5575 (14 hits) (04/04/2016 08:21:52 PM) |
| 25      | 9                | 1.0                 | 333.0    | Yes      | 5515.7MHz,<br>-64.0dBm      | Hop sequence: 5513, 5499, 5608, 5655, 5355, 5332, 5462, 5311, 5395, 5565, 5306, 5696, 5641, 5488, 5286, 5272, 5427, 5337, 5471, 5650, 5509, 5635, 5726, 5438, 5446, 5269, 5327, 5518, 5341, 5280, 5524, 5591, 5432, 5413, 5391, 5554, 5624, 5530, 5439, 5402, 5673, 5305, 5521, 5253, 5576, 5421, 5567, 5721, 5584, 5605, 5679, 5457, 5334, 5681, 5517, 5461, 5647, 5607, 5511, 5459, 5282, 5683, 5315, 5593, 5653, 5429, 5664, 5385, 5686, 5670, 5662, 5646, 5468, 5621, 5397, 5300, 5492, 5694, 5574, 5658, 5603, 5526, 5485, 5507, 5293, 5279, 5303, 5661, 5352, 5722, 5276, 5443, 5665, 5556, 5563, 5723, 5489, 5579, 5366, 5715 (17 hits) (04/04/2016 08:22:07 PM) |
| 26      | 9                | 1.0                 | 333.0    | Yes      | 5516.7MHz,<br>-64.0dBm      | Hop sequence: 5638, 5481, 5562, 5564, 5511, 5319, 5555, 5462, 5694, 5326, 5574, 5456, 5478, 5569, 5499, 5590, 5504, 5373, 5586, 5381, 5617, 5253, 5698, 5460, 5324, 5372, 5335, 5495, 5528, 5466, 5431, 5492, 5428, 5602, 5330, 5447, 5336, 5556, 5474, 5445, 5679, 5550, 5490, 5510, 5579, 5711, 5716, 5352, 5565, 5451, 5597, 5541, 5558, 5580, 5367, 5571, 5593, 5387, 5704, 5325, 5677, 5567, 5648,                                                                                                                                                                                                                                                                 |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5386, 5547, 5568, 5543, 5633, 5286, 5577, 5537, 5265, 5346, 5406, 5669, 5605, 5611, 5710, 5639, 5300, 5498, 5691, 5365, 5672, 5304, 5592, 5450, 5369, 5455, 5554, 5561, 5364, 5532, 5441, 5345, 5422, 5717, 5544, 5374, 5675 (25 hits) (04/04/2016 08:22:26 PM)                                                                                                                                                                                                                                                                                                                                                                                                         |
| 27      | 9                | 1.0                 | 333.0    | Yes      | 5517.7MHz,<br>-64.0dBm      | Hop sequence: 5669, 5461, 5568, 5311, 5665, 5564, 5726, 5460, 5318, 5609, 5369, 5332, 5594, 5681, 5705, 5376, 5306, 5421, 5550, 5532, 5300, 5357, 5390, 5539, 5635, 5704, 5325, 5570, 5493, 5355, 5672, 5420, 5605, 5593, 5498, 5280, 5391, 5501, 5360, 5630, 5720, 5270, 5293, 5439, 5359, 5364, 5559, 5586, 5320, 5601, 5562, 5272, 5268, 5457, 5636, 5617, 5477, 5675, 5517, 5327, 5274, 5342, 5453, 5525, 5662, 5435, 5723, 5313, 5625, 5290, 5384, 5335, 5623, 5613, 5454, 5587, 5275, 5337, 5515, 5321, 5553, 5352, 5368, 5639, 5315, 5713, 5638, 5584, 5310, 5670, 5353, 5706, 5683, 5422, 5576, 5478, 5580, 5413, 5719, 5597 (14 hits) (04/04/2016 08:22:45 PM) |
| 28      | 9                | 1.0                 | 333.0    | Yes      | 5518.7MHz,<br>-64.0dBm      | Hop sequence: 5401, 5295, 5261, 5497, 5434, 5482, 5494, 5669, 5299, 5436, 5307, 5297, 5262, 5684, 5341, 5336, 5710, 5257, 5506, 5285, 5333, 5509, 5583, 5371, 5597, 5540, 5704, 5702, 5602, 5546, 5599, 5517, 5360, 5415, 5407, 5358, 5513, 5354, 5557, 5480, 5491, 5525, 5258, 5413, 5673, 5286, 5463, 5576, 5263, 5379, 5445, 5460, 5395, 5660, 5408, 5528, 5561, 5611, 5291, 5438, 5400, 5422, 5640, 5584, 5281, 5392, 5362, 5404, 5385, 5503, 5536, 5259, 5657, 5568, 5558, 5284, 5345, 5538, 5590, 5331, 5555, 5323, 5688, 5569, 5252, 5324, 5264, 5630, 5275, 5594, 5481, 5703, 5651, 5697, 5334, 5280, 5486, 5715, 5662, 5689 (18 hits) (04/04/2016 08:22:59 PM) |
| 29      | 9                | 1.0                 | 333.0    | Yes      | 5519.7MHz,<br>-64.0dBm      | Hop sequence: 5449, 5272, 5351, 5323, 5719, 5278, 5508, 5626, 5619, 5341, 5521, 5672, 5328, 5603, 5627, 5346, 5305, 5300, 5377, 5584, 5460, 5526, 5375, 5370, 5500, 5530, 5283, 5541, 5257, 5685, 5392, 5524, 5378, 5276, 5348, 5479, 5269, 5568, 5716, 5321, 5431, 5688, 5374, 5658, 5692, 5614, 5549, 5649, 5638, 5366, 5689, 5582, 5544, 5264, 5311, 5343, 5557, 5338, 5345, 5628, 5693, 5680, 5497, 5556, 5682, 5285, 5592, 5383, 5561, 5577, 5365, 5723, 5446, 5424, 5406, 5325, 5403, 5304, 5571, 5701, 5621, 5710, 5259, 5434, 5359, 5268, 5488,                                                                                                                 |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5605, 5335, 5531, 5653, 5266, 5569, 5429, 5574, 5632, 5401, 5381, 5618, 5329 (15 hits) (04/04/2016 08:23:14 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 30      | 9                | 1.0                 | 333.0    | Yes      | 5520.7MHz,<br>-64.0dBm      | Hop sequence: 5279, 5672, 5417, 5373, 5442, 5396, 5689, 5426, 5708, 5509, 5617, 5381, 5682, 5280, 5313, 5524, 5500, 5563, 5488, 5669, 5576, 5447, 5387, 5281, 5283, 5307, 5586, 5296, 5489, 5330, 5618, 5660, 5508, 5433, 5255, 5274, 5457, 5362, 5615, 5573, 5452, 5477, 5284, 5309, 5613, 5554, 5374, 5297, 5717, 5521, 5268, 5662, 5518, 5680, 5328, 5686, 5431, 5443, 5572, 5577, 5614, 5496, 5410, 5610, 5688, 5593, 5579, 5575, 5503, 5429, 5501, 5379, 5506, 5293, 5491, 5413, 5298, 5377, 5337, 5458, 5706, 5616, 5411, 5528, 5367, 5606, 5525, 5428, 5499, 5683, 5490, 5356, 5507, 5315, 5304, 5666, 5581, 5335, 5721, 5432 (16 hits) (04/04/2016 08:23:29 PM) |
| 31      | 9                | 1.0                 | 333.0    | Yes      | 5521.7MHz,<br>-64.0dBm      | Hop sequence: 5662, 5707, 5520, 5575, 5355, 5570, 5396, 5439, 5357, 5328, 5506, 5679, 5543, 5288, 5335, 5472, 5576, 5578, 5411, 5300, 5660, 5350, 5303, 5497, 5639, 5526, 5583, 5462, 5258, 5465, 5440, 5623, 5297, 5266, 5514, 5665, 5299, 5429, 5378, 5470, 5322, 5494, 5400, 5379, 5354, 5572, 5269, 5482, 5647, 5340, 5433, 5427, 5586, 5664, 5516, 5422, 5334, 5253, 5604, 5365, 5614, 5423, 5302, 5481, 5616, 5636, 5539, 5630, 5336, 5584, 5678, 5696, 5308, 5384, 5383, 5615, 5656, 5574, 5293, 5622, 5261, 5339, 5342, 5637, 5723, 5597, 5577, 5682, 5643, 5724, 5591, 5318, 5419, 5698, 5655, 5348, 5430, 5320, 5642, 5301 (9 hits) (04/04/2016 08:23:43 PM)  |
| 32      | 9                | 1.0                 | 333.0    | Yes      | 5522.7MHz,<br>-64.0dBm      | Hop sequence: 5638, 5337, 5421, 5263, 5370, 5589, 5407, 5295, 5449, 5688, 5478, 5448, 5387, 5500, 5261, 5724, 5668, 5612, 5455, 5262, 5695, 5414, 5326, 5714, 5622, 5412, 5610, 5702, 5566, 5543, 5277, 5601, 5424, 5580, 5286, 5469, 5538, 5720, 5365, 5438, 5613, 5555, 5294, 5269, 5340, 5522, 5692, 5253, 5499, 5722, 5516, 5640, 5346, 5653, 5537, 5643, 5364, 5488, 5609, 5356, 5401, 5284, 5716, 5411, 5710, 5498, 5457, 5663, 5360, 5596, 5265, 5645, 5324, 5381, 5519, 5631, 5563, 5281, 5301, 5317, 5362, 5351, 5614, 5666, 5715, 5606, 5477, 5707, 5330, 5342, 5288, 5644, 5404, 5425, 5430, 5588, 5533, 5395, 5402, 5595 (13 hits) (04/04/2016 08:23:59 PM) |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 33      | 9                | 1.0                 | 333.0    | Yes      | 5523.7MHz,<br>-64.0dBm      | Hop sequence: 5577, 5598, 5637, 5251, 5536, 5404, 5261, 5470, 5607, 5682, 5397, 5422, 5252, 5623, 5592, 5394, 5535, 5646, 5276, 5564, 5552, 5519, 5534, 5258, 5525, 5306, 5549, 5284, 5578, 5670, 5683, 5678, 5403, 5652, 5265, 5480, 5360, 5380, 5379, 5273, 5506, 5724, 5605, 5544, 5312, 5484, 5712, 5568, 5720, 5447, 5330, 5341, 5335, 5522, 5317, 5713, 5566, 5451, 5554, 5255, 5656, 5262, 5279, 5692, 5406, 5440, 5467, 5475, 5633, 5287, 5700, 5641, 5632, 5443, 5292, 5586, 5543, 5399, 5626, 5565, 5553, 5482, 5540, 5705, 5419, 5599, 5392, 5573, 5606, 5368, 5492, 5327, 5518, 5386, 5349, 5344, 5524, 5359, 5295, 5645 (21 hits) (04/04/2016 08:24:14 PM) |
| 34      | 9                | 1.0                 | 333.0    | Yes      | 5524.7MHz,<br>-64.0dBm      | Hop sequence: 5577, 5339, 5562, 5556, 5572, 5418, 5589, 5316, 5291, 5644, 5669, 5365, 5681, 5569, 5416, 5461, 5606, 5331, 5382, 5495, 5300, 5409, 5504, 5574, 5477, 5679, 5725, 5306, 5672, 5493, 5424, 5492, 5375, 5320, 5276, 5723, 5573, 5253, 5726, 5263, 5330, 5268, 5326, 5363, 5722, 5512, 5451, 5505, 5686, 5584, 5665, 5526, 5323, 5472, 5586, 5547, 5302, 5519, 5344, 5432, 5594, 5370, 5369, 5433, 5439, 5564, 5571, 5473, 5565, 5431, 5706, 5687, 5602, 5387, 5617, 5467, 5288, 5447, 5484, 5621, 5346, 5257, 5485, 5593, 5341, 5540, 5419, 5703, 5676, 5516, 5694, 5286, 5514, 5607, 5294, 5315, 5615, 5555, 5682, 5496 (18 hits) (04/04/2016 08:24:29 PM) |
| 35      | 9                | 1.0                 | 333.0    | Yes      | 5525.7MHz,<br>-64.0dBm      | Hop sequence: 5700, 5718, 5724, 5595, 5294, 5540, 5427, 5296, 5582, 5534, 5458, 5320, 5625, 5543, 5592, 5277, 5606, 5268, 5598, 5315, 5293, 5295, 5486, 5369, 5412, 5515, 5326, 5613, 5377, 5536, 5640, 5335, 5388, 5411, 5551, 5686, 5453, 5455, 5451, 5367, 5265, 5311, 5407, 5399, 5548, 5520, 5618, 5415, 5702, 5569, 5554, 5323, 5638, 5383, 5319, 5607, 5690, 5404, 5661, 5557, 5689, 5501, 5685, 5331, 5393, 5256, 5622, 5355, 5490, 5699, 5437, 5522, 5692, 5392, 5288, 5289, 5550, 5495, 5609, 5655, 5517, 5498, 5252, 5356, 5417, 5432, 5514, 5344, 5310, 5560, 5340, 5452, 5409, 5260, 5589, 5360, 5573, 5539, 5571, 5390 (19 hits) (04/04/2016 08:24:43 PM) |
| 36      | 9                | 1.0                 | 333.0    | Yes      | 5526.7MHz,<br>-64.0dBm      | Hop sequence: 5664, 5608, 5279, 5467, 5496, 5340, 5612, 5603, 5640, 5463, 5338, 5566, 5685, 5492, 5550, 5375, 5644, 5329, 5579, 5707, 5368,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5718, 5283, 5352, 5650, 5344, 5312, 5602, 5446, 5617, 5268, 5437, 5556, 5409, 5703, 5696, 5276, 5362, 5270, 5470, 5351, 5295, 5339, 5544, 5474, 5403, 5448, 5701, 5459, 5427, 5577, 5543, 5435, 5527, 5255, 5564, 5253, 5307, 5334, 5385, 5317, 5389, 5535, 5293, 5315, 5586, 5428, 5458, 5679, 5686, 5411, 5397, 5629, 5327, 5285, 5359, 5260, 5625, 5365, 5690, 5595, 5410, 5695, 5454, 5272, 5438, 5423, 5493, 5252, 5663, 5635, 5582, 5604, 5413, 5358, 5251, 5588, 5574, 5539, 5542 (13 hits) (04/04/2016 08:24:57 PM)                                                                                                                                             |
| 37      | 9                | 1.0                 | 333.0    | Yes      | 5527.7MHz,<br>-64.0dBm      | Hop sequence: 5447, 5574, 5581, 5319, 5409, 5251, 5252, 5281, 5573, 5414, 5559, 5666, 5255, 5312, 5351, 5457, 5533, 5503, 5525, 5664, 5323, 5294, 5316, 5528, 5676, 5311, 5421, 5485, 5344, 5475, 5657, 5674, 5439, 5495, 5537, 5413, 5630, 5446, 5501, 5272, 5717, 5593, 5549, 5570, 5488, 5571, 5450, 5513, 5471, 5359, 5628, 5334, 5654, 5560, 5355, 5500, 5698, 5575, 5635, 5396, 5626, 5363, 5326, 5696, 5467, 5649, 5713, 5265, 5438, 5518, 5461, 5299, 5645, 5406, 5379, 5268, 5454, 5377, 5680, 5656, 5332, 5277, 5356, 5412, 5621, 5667, 5606, 5460, 5291, 5556, 5371, 5600, 5639, 5484, 5426, 5591, 5260, 5583, 5350, 5608 (14 hits) (04/04/2016 08:25:11 PM) |
| 38      | 9                | 1.0                 | 333.0    | Yes      | 5528.7MHz,<br>-64.0dBm      | Hop sequence: 5502, 5461, 5479, 5576, 5286, 5385, 5543, 5482, 5559, 5683, 5516, 5292, 5413, 5615, 5624, 5373, 5513, 5273, 5687, 5712, 5565, 5561, 5597, 5603, 5605, 5402, 5695, 5581, 5582, 5525, 5262, 5629, 5643, 5567, 5610, 5279, 5395, 5611, 5648, 5553, 5396, 5464, 5377, 5600, 5708, 5457, 5383, 5404, 5650, 5387, 5444, 5477, 5519, 5422, 5266, 5627, 5276, 5305, 5699, 5319, 5682, 5578, 5634, 5526, 5499, 5451, 5657, 5612, 5271, 5485, 5432, 5487, 5470, 5258, 5631, 5473, 5671, 5717, 5401, 5534, 5381, 5399, 5517, 5321, 5317, 5424, 5436, 5497, 5411, 5325, 5586, 5255, 5673, 5486, 5599, 5353, 5375, 5674, 5269, 5594 (16 hits) (04/04/2016 08:25:25 PM) |
| 39      | 9                | 1.0                 | 333.0    | Yes      | 5529.7MHz,<br>-64.0dBm      | Hop sequence: 5392, 5659, 5583, 5290, 5706, 5514, 5708, 5535, 5504, 5575, 5579, 5700, 5637, 5718, 5611, 5619, 5677, 5690, 5379, 5466, 5485, 5554, 5559, 5385, 5525, 5398, 5511, 5287, 5350, 5458, 5500, 5509, 5528, 5306, 5571, 5699, 5364, 5602, 5357, 5272, 5548, 5617, 5507, 5481, 5634,                                                                                                                                                                                                                                                                                                                                                                             |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5603, 5533, 5445, 5684, 5586, 5623, 5653, 5672, 5372, 5645, 5711, 5666, 5597, 5361, 5701, 5569, 5309, 5318, 5441, 5721, 5681, 5305, 5253, 5285, 5483, 5621, 5614, 5536, 5585, 5365, 5374, 5405, 5469, 5418, 5713, 5515, 5622, 5316, 5599, 5489, 5421, 5414, 5355, 5647, 5297, 5462, 5615, 5687, 5680, 5688, 5280, 5457, 5618, 5448, 5370 (15 hits) (04/04/2016 08:25:39 PM)                                                                                                                                                                                                                                                                                             |
| 40      | 9                | 1.0                 | 333.0    | Yes      | 5530.7MHz,<br>-64.0dBm      | Hop sequence: 5477, 5648, 5493, 5348, 5301, 5352, 5658, 5383, 5322, 5450, 5273, 5698, 5420, 5652, 5387, 5518, 5393, 5259, 5269, 5299, 5407, 5585, 5312, 5702, 5572, 5288, 5632, 5473, 5523, 5440, 5266, 5452, 5470, 5330, 5417, 5594, 5291, 5582, 5496, 5709, 5678, 5480, 5455, 5372, 5310, 5606, 5703, 5308, 5689, 5488, 5325, 5495, 5670, 5276, 5329, 5403, 5600, 5718, 5498, 5275, 5271, 5423, 5408, 5654, 5341, 5317, 5313, 5272, 5713, 5516, 5552, 5293, 5592, 5571, 5653, 5411, 5398, 5650, 5260, 5345, 5524, 5478, 5346, 5425, 5362, 5591, 5402, 5560, 5367, 5725, 5255, 5264, 5298, 5556, 5570, 5700, 5671, 5333, 5686, 5610 (11 hits) (04/04/2016 08:25:53 PM) |
| 41      | 9                | 1.0                 | 333.0    | Yes      | 5531.7MHz,<br>-64.0dBm      | Hop sequence: 5553, 5513, 5606, 5397, 5645, 5368, 5660, 5438, 5688, 5532, 5414, 5509, 5405, 5690, 5283, 5444, 5434, 5642, 5494, 5544, 5394, 5676, 5683, 5304, 5384, 5458, 5467, 5505, 5465, 5315, 5266, 5637, 5359, 5377, 5589, 5336, 5488, 5562, 5484, 5721, 5543, 5389, 5565, 5317, 5275, 5538, 5408, 5709, 5355, 5604, 5639, 5720, 5305, 5456, 5605, 5598, 5402, 5280, 5345, 5537, 5672, 5697, 5335, 5723, 5367, 5621, 5597, 5392, 5629, 5684, 5371, 5301, 5254, 5557, 5687, 5659, 5462, 5489, 5707, 5376, 5316, 5609, 5680, 5724, 5545, 5535, 5293, 5256, 5500, 5651, 5539, 5382, 5381, 5401, 5685, 5455, 5437, 5495, 5647, 5343 (18 hits) (04/04/2016 08:26:10 PM) |
| 42      | 9                | 1.0                 | 333.0    | Yes      | 5532.7MHz,<br>-64.0dBm      | Hop sequence: 5461, 5299, 5309, 5351, 5551, 5658, 5406, 5558, 5356, 5689, 5516, 5517, 5714, 5619, 5381, 5539, 5695, 5348, 5400, 5282, 5367, 5454, 5298, 5534, 5349, 5642, 5672, 5475, 5631, 5719, 5254, 5393, 5666, 5518, 5296, 5556, 5643, 5536, 5285, 5327, 5578, 5300, 5700, 5316, 5376, 5420, 5438, 5333, 5533, 5447, 5278, 5252, 5696, 5413, 5470, 5340, 5379, 5430, 5314, 5535, 5355, 5357, 5593, 5594, 5423, 5410, 5284, 5670, 5335,                                                                                                                                                                                                                             |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5508, 5343, 5449, 5528, 5491, 5496, 5559, 5487, 5520, 5469, 5690, 5374, 5697, 5504, 5634, 5625, 5401, 5258, 5332, 5683, 5485, 5549, 5473, 5572, 5679, 5632, 5358, 5346, 5653, 5416, 5451 (18 hits) (04/04/2016 08:26:24 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 43      | 9                | 1.0                 | 333.0    | Yes      | 5533.7MHz,<br>-64.0dBm      | Hop sequence: 5706, 5506, 5612, 5677, 5628, 5631, 5711, 5528, 5710, 5632, 5560, 5468, 5604, 5675, 5367, 5622, 5642, 5329, 5568, 5335, 5570, 5328, 5441, 5302, 5282, 5346, 5467, 5676, 5610, 5398, 5275, 5319, 5399, 5469, 5504, 5550, 5562, 5297, 5490, 5548, 5518, 5418, 5370, 5354, 5408, 5645, 5465, 5349, 5715, 5273, 5364, 5672, 5484, 5280, 5278, 5331, 5393, 5545, 5667, 5583, 5460, 5283, 5301, 5639, 5509, 5394, 5609, 5618, 5478, 5474, 5594, 5413, 5558, 5436, 5300, 5358, 5653, 5595, 5686, 5334, 5664, 5663, 5359, 5255, 5641, 5459, 5661, 5415, 5475, 5699, 5250, 5538, 5309, 5427, 5330, 5403, 5598, 5401, 5500, 5564 (15 hits) (04/04/2016 08:26:38 PM) |
| 44      | 9                | 1.0                 | 333.0    | Yes      | 5534.7MHz,<br>-64.0dBm      | Hop sequence: 5421, 5631, 5293, 5559, 5389, 5264, 5259, 5562, 5281, 5313, 5636, 5317, 5473, 5697, 5563, 5518, 5608, 5301, 5672, 5702, 5625, 5397, 5312, 5651, 5522, 5647, 5271, 5668, 5500, 5407, 5373, 5699, 5566, 5701, 5463, 5533, 5574, 5401, 5402, 5675, 5676, 5316, 5280, 5531, 5615, 5540, 5661, 5481, 5519, 5394, 5314, 5556, 5575, 5253, 5520, 5296, 5305, 5383, 5357, 5450, 5283, 5339, 5306, 5342, 5705, 5571, 5487, 5594, 5616, 5688, 5498, 5344, 5537, 5423, 5266, 5708, 5490, 5406, 5641, 5478, 5393, 5400, 5338, 5438, 5381, 5431, 5439, 5403, 5514, 5646, 5449, 5334, 5698, 5573, 5353, 5457, 5442, 5711, 5502, 5371 (17 hits) (04/04/2016 08:26:52 PM) |
| 45      | 9                | 1.0                 | 333.0    | Yes      | 5535.7MHz,<br>-64.0dBm      | Hop sequence: 5616, 5711, 5560, 5278, 5274, 5373, 5271, 5319, 5725, 5415, 5631, 5256, 5698, 5436, 5486, 5531, 5309, 5617, 5529, 5642, 5442, 5593, 5261, 5680, 5661, 5344, 5500, 5379, 5422, 5559, 5301, 5485, 5522, 5421, 5576, 5589, 5480, 5334, 5299, 5303, 5342, 5637, 5654, 5710, 5251, 5400, 5460, 5262, 5413, 5717, 5263, 5403, 5292, 5389, 5692, 5707, 5587, 5425, 5427, 5407, 5396, 5371, 5265, 5691, 5584, 5518, 5607, 5322, 5571, 5476, 5505, 5697, 5671, 5441, 5538, 5367, 5383, 5660, 5701, 5608, 5578, 5419, 5464, 5296, 5459, 5279, 5298, 5467, 5611, 5424, 5449, 5554, 5409,                                                                             |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5630, 5620, 5269, 5523, 5295, 5568, 5718 (12 hits) (04/04/2016 08:27:06 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 46      | 9                | 1.0                 | 333.0    | Yes      | 5536.7MHz,<br>-64.0dBm      | Hop sequence: 5509, 5431, 5544, 5376, 5336, 5440, 5584, 5492, 5569, 5304, 5713, 5408, 5711, 5325, 5282, 5433, 5512, 5547, 5693, 5303, 5266, 5667, 5467, 5464, 5678, 5677, 5699, 5317, 5444, 5698, 5499, 5606, 5333, 5567, 5722, 5721, 5387, 5527, 5425, 5367, 5687, 5622, 5671, 5375, 5481, 5404, 5685, 5579, 5250, 5291, 5338, 5410, 5650, 5587, 5672, 5532, 5422, 5302, 5617, 5400, 5307, 5561, 5451, 5287, 5284, 5514, 5482, 5293, 5538, 5634, 5595, 5576, 5684, 5437, 5403, 5384, 5281, 5389, 5259, 5374, 5393, 5616, 5545, 5308, 5603, 5344, 5457, 5292, 5655, 5470, 5665, 5263, 5580, 5424, 5461, 5443, 5413, 5473, 5306, 5392 (13 hits) (04/04/2016 08:27:22 PM) |
| 47      | 9                | 1.0                 | 333.0    | Yes      | 5537.7MHz,<br>-64.0dBm      | Hop sequence: 5576, 5634, 5332, 5286, 5693, 5317, 5641, 5421, 5298, 5342, 5496, 5527, 5587, 5506, 5682, 5549, 5410, 5266, 5665, 5276, 5624, 5503, 5711, 5283, 5571, 5541, 5452, 5417, 5606, 5322, 5642, 5426, 5580, 5319, 5445, 5465, 5635, 5651, 5636, 5577, 5478, 5511, 5586, 5416, 5356, 5320, 5534, 5540, 5442, 5671, 5605, 5402, 5520, 5714, 5625, 5666, 5598, 5310, 5568, 5321, 5345, 5337, 5698, 5464, 5648, 5513, 5569, 5328, 5653, 5722, 5379, 5394, 5267, 5254, 5677, 5525, 5380, 5573, 5533, 5461, 5377, 5626, 5633, 5288, 5685, 5652, 5457, 5441, 5481, 5704, 5287, 5338, 5679, 5376, 5294, 5547, 5528, 5627, 5545, 5420 (17 hits) (04/04/2016 08:27:36 PM) |
| 48      | 9                | 1.0                 | 333.0    | Yes      | 5538.7MHz,<br>-64.0dBm      | Hop sequence: 5397, 5561, 5503, 5430, 5447, 5461, 5435, 5261, 5353, 5522, 5429, 5279, 5372, 5571, 5580, 5526, 5408, 5315, 5615, 5478, 5290, 5446, 5602, 5489, 5544, 5548, 5301, 5651, 5606, 5355, 5342, 5582, 5465, 5618, 5569, 5538, 5554, 5338, 5474, 5324, 5648, 5327, 5473, 5640, 5314, 5623, 5409, 5508, 5695, 5625, 5357, 5422, 5304, 5530, 5362, 5265, 5590, 5630, 5460, 5518, 5563, 5542, 5705, 5441, 5295, 5605, 5411, 5374, 5404, 5285, 5617, 5677, 5393, 5341, 5449, 5344, 5418, 5464, 5566, 5381, 5417, 5300, 5515, 5488, 5556, 5278, 5682, 5616, 5703, 5724, 5493, 5536, 5376, 5379, 5557, 5485, 5270, 5402, 5572, 5573 (19 hits) (04/04/2016 08:27:50 PM) |
| 49      | 9                | 1.0                 | 333.0    | Yes      | 5539.7MHz,                  | Hop sequence: 5660, 5634, 5652,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          | -64.0dBm                    | 5362, 5404, 5636, 5320, 5484, 5367, 5305, 5447, 5355, 5588, 5674, 5680, 5570, 5575, 5446, 5363, 5589, 5475, 5473, 5554, 5291, 5683, 5490, 5725, 5580, 5582, 5685, 5476, 5526, 5481, 5586, 5409, 5255, 5546, 5710, 5260, 5252, 5591, 5259, 5585, 5368, 5357, 5419, 5686, 5302, 5692, 5290, 5496, 5323, 5258, 5542, 5470, 5676, 5418, 5603, 5653, 5439, 5553, 5272, 5387, 5292, 5682, 5295, 5408, 5491, 5472, 5277, 5345, 5268, 5406, 5257, 5337, 5433, 5334, 5716, 5353, 5670, 5461, 5513, 5401, 5319, 5262, 5644, 5454, 5688, 5351, 5595, 5579, 5328, 5301, 5534, 5672, 5364, 5287, 5620, 5375, 5265 (8 hits) (04/04/2016 08:28:04 PM)                                  |
| 50      | 9                | 1.0                 | 333.0    | Yes      | 5540.7MHz,<br>-64.0dBm      | Hop sequence: 5329, 5688, 5403, 5536, 5556, 5495, 5703, 5450, 5538, 5569, 5318, 5504, 5545, 5707, 5257, 5433, 5651, 5603, 5437, 5381, 5409, 5366, 5358, 5652, 5702, 5649, 5512, 5626, 5657, 5314, 5438, 5509, 5598, 5297, 5618, 5606, 5446, 5295, 5629, 5557, 5507, 5394, 5637, 5362, 5691, 5484, 5326, 5643, 5474, 5628, 5502, 5293, 5672, 5370, 5525, 5379, 5334, 5681, 5625, 5517, 5579, 5473, 5252, 5554, 5277, 5599, 5551, 5571, 5441, 5335, 5574, 5387, 5555, 5303, 5299, 5549, 5325, 5515, 5530, 5322, 5609, 5623, 5465, 5501, 5500, 5493, 5664, 5420, 5695, 5392, 5537, 5337, 5498, 5566, 5451, 5290, 5291, 5721, 5508, 5565 (27 hits) (04/04/2016 08:28:20 PM) |
| 51      | 9                | 1.0                 | 333.0    | Yes      | 5541.7MHz,<br>-64.0dBm      | Hop sequence: 5414, 5462, 5496, 5664, 5549, 5690, 5489, 5592, 5278, 5626, 5545, 5602, 5370, 5606, 5333, 5679, 5309, 5480, 5726, 5451, 5718, 5300, 5717, 5692, 5719, 5564, 5275, 5558, 5524, 5550, 5723, 5497, 5404, 5508, 5401, 5280, 5713, 5467, 5519, 5447, 5441, 5258, 5388, 5535, 5714, 5554, 5693, 5721, 5325, 5359, 5571, 5582, 5600, 5287, 5689, 5620, 5706, 5358, 5557, 5342, 5436, 5346, 5708, 5410, 5573, 5329, 5470, 5495, 5661, 5295, 5363, 5654, 5515, 5548, 5580, 5397, 5379, 5452, 5426, 5491, 5647, 5460, 5377, 5311, 5429, 5628, 5528, 5659, 5569, 5681, 5284, 5701, 5261, 5260, 5645, 5704, 5532, 5357, 5556, 5607 (19 hits) (04/04/2016 08:30:59 PM) |
| 52      | 9                | 1.0                 | 333.0    | Yes      | 5542.7MHz,<br>-64.0dBm      | Hop sequence: 5642, 5719, 5480, 5567, 5640, 5662, 5622, 5430, 5292, 5308, 5387, 5331, 5611, 5704, 5531, 5513, 5615, 5334, 5446, 5250, 5274, 5661, 5352, 5507, 5675, 5415, 5678,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5556, 5668, 5670, 5552, 5400, 5694, 5688, 5683, 5638, 5658, 5535, 5273, 5563, 5644, 5345, 5409, 5313, 5585, 5673, 5510, 5573, 5570, 5466, 5371, 5643, 5593, 5684, 5599, 5399, 5525, 5281, 5519, 5577, 5542, 5516, 5584, 5532, 5332, 5463, 5263, 5487, 5418, 5286, 5408, 5427, 5624, 5629, 5701, 5405, 5305, 5691, 5402, 5498, 5660, 5682, 5365, 5426, 5564, 5621, 5616, 5543, 5468, 5318, 5575, 5538, 5546, 5337, 5597, 5520, 5344, 5288, 5341, 5631 (20 hits) (04/04/2016 08:31:15 PM)                                                                                                                                                                                 |
| 53      | 9                | 1.0                 | 333.0    | Yes      | 5543.7MHz,<br>-64.0dBm      | Hop sequence: 5587, 5679, 5492, 5265, 5252, 5490, 5254, 5407, 5352, 5286, 5685, 5431, 5413, 5662, 5420, 5636, 5545, 5607, 5692, 5440, 5292, 5319, 5327, 5372, 5338, 5276, 5572, 5676, 5399, 5658, 5271, 5496, 5325, 5297, 5359, 5696, 5574, 5677, 5456, 5716, 5432, 5463, 5475, 5565, 5536, 5566, 5608, 5489, 5514, 5373, 5622, 5273, 5356, 5368, 5538, 5502, 5582, 5344, 5629, 5652, 5465, 5283, 5360, 5642, 5483, 5392, 5625, 5657, 5507, 5675, 5451, 5390, 5509, 5585, 5632, 5578, 5461, 5705, 5384, 5646, 5367, 5568, 5459, 5595, 5425, 5429, 5395, 5410, 5394, 5397, 5605, 5641, 5576, 5719, 5571, 5668, 5559, 5660, 5713, 5544 (14 hits) (04/04/2016 08:31:33 PM) |
| 54      | 9                | 1.0                 | 333.0    | Yes      | 5544.7MHz,<br>-64.0dBm      | Hop sequence: 5477, 5342, 5518, 5453, 5326, 5355, 5302, 5552, 5414, 5278, 5267, 5496, 5500, 5274, 5297, 5327, 5712, 5387, 5701, 5371, 5581, 5590, 5273, 5560, 5661, 5341, 5674, 5522, 5358, 5320, 5652, 5301, 5338, 5415, 5686, 5469, 5324, 5405, 5569, 5501, 5413, 5634, 5339, 5441, 5479, 5393, 5443, 5670, 5508, 5308, 5580, 5449, 5578, 5663, 5351, 5373, 5398, 5702, 5534, 5314, 5264, 5261, 5319, 5561, 5724, 5640, 5463, 5451, 5271, 5637, 5251, 5296, 5499, 5700, 5598, 5510, 5636, 5629, 5705, 5551, 5286, 5459, 5454, 5436, 5492, 5467, 5542, 5356, 5556, 5653, 5545, 5572, 5252, 5470, 5682, 5557, 5362, 5332, 5604, 5317 (18 hits) (04/04/2016 08:31:47 PM) |
| 55      | 9                | 1.0                 | 333.0    | Yes      | 5545.7MHz,<br>-64.0dBm      | Hop sequence: 5348, 5382, 5367, 5270, 5464, 5635, 5660, 5630, 5404, 5400, 5521, 5424, 5428, 5450, 5443, 5402, 5475, 5539, 5580, 5625, 5674, 5698, 5571, 5370, 5594, 5355, 5511, 5458, 5661, 5654, 5484, 5470, 5545, 5254, 5534, 5611, 5489, 5401, 5473, 5441, 5608, 5406, 5697, 5558, 5420, 5277, 5332, 5530, 5467, 5472, 5554,                                                                                                                                                                                                                                                                                                                                         |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5434, 5393, 5682, 5541, 5596, 5267, 5617, 5373, 5358, 5616, 5623, 5461, 5460, 5494, 5531, 5251, 5579, 5529, 5724, 5273, 5333, 5268, 5372, 5275, 5411, 5433, 5378, 5343, 5288, 5455, 5663, 5366, 5640, 5445, 5341, 5414, 5418, 5622, 5544, 5413, 5289, 5412, 5327, 5369, 5508, 5304, 5636, 5604, 5488 (14 hits) (04/04/2016 08:32:01 PM)                                                                                                                                                                                                                                                                                                                                 |
| 56      | 9                | 1.0                 | 333.0    | Yes      | 5546.7MHz,<br>-64.0dBm      | Hop sequence: 5690, 5536, 5422, 5406, 5314, 5682, 5514, 5377, 5553, 5643, 5461, 5708, 5721, 5429, 5287, 5592, 5511, 5633, 5405, 5379, 5265, 5310, 5449, 5636, 5279, 5453, 5628, 5472, 5434, 5505, 5630, 5646, 5563, 5466, 5609, 5415, 5645, 5649, 5515, 5258, 5481, 5343, 5584, 5482, 5445, 5658, 5688, 5570, 5484, 5610, 5323, 5359, 5319, 5250, 5302, 5274, 5381, 5552, 5469, 5577, 5282, 5665, 5454, 5288, 5437, 5300, 5641, 5463, 5626, 5498, 5604, 5372, 5520, 5590, 5635, 5675, 5408, 5497, 5414, 5699, 5396, 5513, 5652, 5313, 5566, 5351, 5325, 5360, 5667, 5418, 5291, 5580, 5348, 5538, 5455, 5561, 5544, 5517, 5425, 5344 (17 hits) (04/04/2016 08:32:17 PM) |
| 57      | 9                | 1.0                 | 333.0    | Yes      | 5547.7MHz,<br>-64.0dBm      | Hop sequence: 5499, 5376, 5505, 5603, 5628, 5334, 5596, 5418, 5627, 5394, 5441, 5372, 5409, 5396, 5425, 5710, 5430, 5527, 5697, 5344, 5326, 5552, 5342, 5260, 5568, 5597, 5392, 5677, 5297, 5666, 5707, 5496, 5318, 5479, 5648, 5703, 5571, 5439, 5403, 5308, 5512, 5452, 5295, 5309, 5556, 5327, 5434, 5277, 5611, 5497, 5254, 5492, 5629, 5665, 5451, 5690, 5531, 5432, 5366, 5672, 5519, 5360, 5460, 5661, 5635, 5553, 5573, 5347, 5487, 5562, 5428, 5713, 5649, 5329, 5685, 5722, 5269, 5383, 5389, 5536, 5593, 5306, 5662, 5338, 5547, 5682, 5719, 5509, 5549, 5427, 5296, 5253, 5488, 5652, 5506, 5704, 5585, 5654, 5513, 5270 (20 hits) (04/04/2016 08:32:32 PM) |
| 58      | 9                | 1.0                 | 333.0    | Yes      | 5548.7MHz,<br>-64.0dBm      | Hop sequence: 5605, 5537, 5306, 5416, 5689, 5694, 5467, 5672, 5355, 5526, 5419, 5584, 5485, 5500, 5413, 5644, 5360, 5423, 5548, 5461, 5682, 5722, 5400, 5575, 5545, 5582, 5444, 5620, 5686, 5603, 5457, 5505, 5475, 5543, 5354, 5395, 5250, 5574, 5454, 5319, 5476, 5382, 5607, 5703, 5466, 5541, 5609, 5427, 5478, 5372, 5665, 5710, 5393, 5576, 5674, 5305, 5498, 5366, 5261, 5296, 5551, 5328, 5517, 5278, 5600, 5594, 5700, 5292, 5332, 5539, 5436, 5515, 5695, 5589, 5613,                                                                                                                                                                                         |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5518, 5506, 5705, 5671, 5268, 5294, 5484, 5627, 5562, 5593, 5464, 5255, 5391, 5494, 5719, 5540, 5283, 5489, 5323, 5286, 5270, 5313, 5602, 5408, 5634 (18 hits) (04/04/2016 08:32:47 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 59      | 9                | 1.0                 | 333.0    | Yes      | 5549.7MHz,<br>-64.0dBm      | Hop sequence: 5615, 5336, 5456, 5693, 5527, 5441, 5253, 5259, 5483, 5616, 5664, 5721, 5553, 5272, 5589, 5331, 5569, 5518, 5701, 5372, 5269, 5582, 5288, 5552, 5349, 5342, 5304, 5318, 5592, 5702, 5464, 5495, 5346, 5449, 5580, 5335, 5663, 5461, 5573, 5390, 5299, 5644, 5398, 5571, 5402, 5417, 5542, 5317, 5680, 5431, 5530, 5293, 5600, 5267, 5696, 5341, 5646, 5413, 5364, 5610, 5375, 5618, 5319, 5358, 5295, 5567, 5425, 5275, 5409, 5503, 5659, 5354, 5463, 5621, 5264, 5458, 5628, 5714, 5649, 5522, 5631, 5538, 5505, 5404, 5459, 5428, 5675, 5359, 5565, 5407, 5320, 5416, 5673, 5465, 5655, 5362, 5658, 5595, 5377, 5479 (13 hits) (04/04/2016 08:33:02 PM) |
| 60      | 9                | 1.0                 | 333.0    | Yes      | 5550.7MHz,<br>-64.0dBm      | Hop sequence: 5433, 5348, 5592, 5517, 5531, 5718, 5460, 5356, 5379, 5271, 5425, 5634, 5557, 5310, 5426, 5598, 5375, 5716, 5364, 5280, 5479, 5487, 5535, 5529, 5550, 5676, 5481, 5414, 5504, 5629, 5377, 5472, 5332, 5406, 5693, 5368, 5370, 5544, 5619, 5395, 5725, 5593, 5667, 5446, 5586, 5313, 5456, 5699, 5511, 5378, 5367, 5458, 5437, 5651, 5668, 5547, 5422, 5523, 5536, 5558, 5516, 5568, 5561, 5638, 5374, 5569, 5376, 5431, 5482, 5387, 5423, 5297, 5358, 5567, 5528, 5491, 5543, 5621, 5542, 5673, 5252, 5257, 5654, 5607, 5672, 5503, 5384, 5512, 5720, 5354, 5708, 5383, 5526, 5499, 5615, 5407, 5585, 5690, 5659, 5513 (25 hits) (04/04/2016 08:33:17 PM) |
| 61      | 9                | 1.0                 | 333.0    | Yes      | 5551.7MHz,<br>-64.0dBm      | Hop sequence: 5641, 5473, 5359, 5691, 5493, 5363, 5712, 5651, 5593, 5292, 5364, 5666, 5496, 5617, 5462, 5639, 5631, 5524, 5318, 5354, 5454, 5608, 5295, 5391, 5476, 5687, 5313, 5283, 5266, 5416, 5316, 5681, 5302, 5485, 5596, 5662, 5670, 5707, 5388, 5384, 5538, 5564, 5519, 5724, 5431, 5498, 5669, 5684, 5611, 5423, 5634, 5619, 5260, 5568, 5719, 5471, 5307, 5415, 5546, 5723, 5326, 5397, 5653, 5448, 5320, 5598, 5456, 5510, 5402, 5409, 5325, 5343, 5322, 5269, 5441, 5573, 5599, 5533, 5500, 5477, 5440, 5461, 5630, 5278, 5274, 5480, 5661, 5293, 5356, 5629, 5378, 5532, 5411, 5428, 5649, 5342, 5284, 5410, 5340,                                         |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5273 (13 hits) (04/04/2016 08:33:33 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 62      | 9                | 1.0                 | 333.0    | Yes      | 5552.7MHz,<br>-64.0dBm      | Hop sequence: 5385, 5286, 5288, 5266, 5485, 5669, 5419, 5483, 5323, 5555, 5255, 5428, 5515, 5346, 5250, 5314, 5435, 5630, 5353, 5571, 5579, 5692, 5302, 5402, 5712, 5565, 5331, 5299, 5543, 5371, 5495, 5688, 5636, 5410, 5628, 5440, 5449, 5380, 5600, 5718, 5425, 5518, 5406, 5253, 5496, 5608, 5637, 5586, 5471, 5441, 5477, 5454, 5725, 5526, 5434, 5574, 5437, 5352, 5699, 5514, 5439, 5703, 5510, 5677, 5284, 5469, 5589, 5446, 5720, 5653, 5605, 5340, 5429, 5281, 5330, 5259, 5476, 5530, 5611, 5445, 5620, 5675, 5679, 5716, 5627, 5453, 5681, 5397, 5338, 5375, 5345, 5558, 5673, 5285, 5422, 5501, 5658, 5491, 5670, 5498 (14 hits) (04/04/2016 08:33:50 PM) |
| 63      | 9                | 1.0                 | 333.0    | Yes      | 5553.7MHz,<br>-64.0dBm      | Hop sequence: 5653, 5483, 5395, 5308, 5351, 5714, 5615, 5719, 5327, 5331, 5568, 5390, 5289, 5609, 5617, 5555, 5601, 5691, 5405, 5712, 5446, 5623, 5695, 5288, 5429, 5649, 5453, 5564, 5610, 5293, 5642, 5370, 5369, 5705, 5686, 5550, 5430, 5646, 5404, 5584, 5524, 5639, 5400, 5470, 5625, 5476, 5507, 5497, 5298, 5480, 5671, 5574, 5359, 5542, 5262, 5443, 5492, 5317, 5676, 5412, 5687, 5672, 5433, 5472, 5641, 5580, 5266, 5330, 5533, 5301, 5323, 5295, 5697, 5431, 5547, 5630, 5673, 5607, 5455, 5663, 5680, 5460, 5334, 5694, 5419, 5352, 5636, 5538, 5557, 5333, 5685, 5624, 5721, 5255, 5276, 5517, 5569, 5398, 5603, 5515 (15 hits) (04/04/2016 08:34:03 PM) |
| 64      | 9                | 1.0                 | 333.0    | Yes      | 5554.7MHz,<br>-64.0dBm      | Hop sequence: 5353, 5453, 5297, 5430, 5557, 5571, 5631, 5637, 5628, 5541, 5374, 5549, 5316, 5689, 5706, 5630, 5603, 5308, 5583, 5409, 5560, 5252, 5578, 5687, 5384, 5419, 5582, 5601, 5253, 5272, 5273, 5718, 5609, 5481, 5484, 5438, 5454, 5537, 5441, 5287, 5334, 5455, 5607, 5611, 5313, 5422, 5621, 5364, 5482, 5489, 5627, 5545, 5303, 5585, 5517, 5613, 5576, 5356, 5711, 5670, 5331, 5656, 5475, 5667, 5460, 5702, 5326, 5458, 5674, 5465, 5605, 5556, 5655, 5469, 5286, 5488, 5502, 5485, 5432, 5490, 5598, 5358, 5612, 5533, 5632, 5643, 5568, 5494, 5477, 5638, 5593, 5468, 5682, 5321, 5688, 5382, 5360, 5332, 5647, 5425 (12 hits) (04/04/2016 08:34:24 PM) |
| 65      | 9                | 1.0                 | 333.0    | Yes      | 5555.7MHz,                  | Hop sequence: 5657, 5416, 5404, 5552, 5538, 5680, 5706, 5581, 5461,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          | -64.0dBm                    | 5291, 5615, 5540, 5475, 5547, 5425, 5452, 5551, 5339, 5709, 5525, 5322, 5504, 5710, 5548, 5392, 5263, 5488, 5354, 5352, 5361, 5625, 5485, 5280, 5479, 5490, 5507, 5708, 5456, 5608, 5650, 5512, 5584, 5701, 5652, 5589, 5632, 5422, 5721, 5372, 5720, 5528, 5515, 5308, 5687, 5658, 5670, 5588, 5526, 5684, 5342, 5646, 5289, 5478, 5702, 5297, 5434, 5571, 5639, 5553, 5568, 5562, 5272, 5330, 5299, 5572, 5655, 5460, 5648, 5329, 5294, 5673, 5685, 5668, 5450, 5705, 5593, 5268, 5290, 5369, 5426, 5620, 5724, 5462, 5340, 5276, 5497, 5348, 5355, 5653, 5321 (17 hits) (04/04/2016 08:34:39 PM)                                                                     |
| 66      | 9                | 1.0                 | 333.0    | Yes      | 5556.7MHz,<br>-64.0dBm      | Hop sequence: 5416, 5533, 5357, 5535, 5617, 5437, 5520, 5653, 5409, 5368, 5513, 5341, 5650, 5720, 5356, 5675, 5251, 5430, 5703, 5605, 5701, 5602, 5494, 5698, 5483, 5424, 5689, 5615, 5649, 5626, 5574, 5503, 5378, 5707, 5320, 5413, 5429, 5331, 5369, 5254, 5371, 5512, 5319, 5432, 5375, 5591, 5260, 5436, 5570, 5634, 5440, 5621, 5549, 5326, 5721, 5363, 5253, 5447, 5473, 5487, 5517, 5683, 5539, 5697, 5489, 5657, 5299, 5642, 5640, 5611, 5694, 5295, 5303, 5695, 5426, 5455, 5330, 5257, 5515, 5600, 5723, 5654, 5713, 5460, 5269, 5578, 5348, 5646, 5612, 5347, 5669, 5370, 5548, 5711, 5301, 5372, 5684, 5639, 5362, 5647 (12 hits) (04/04/2016 08:34:53 PM) |
| 67      | 9                | 1.0                 | 333.0    | Yes      | 5557.7MHz,<br>-64.0dBm      | Hop sequence: 5462, 5256, 5722, 5551, 5694, 5272, 5666, 5424, 5498, 5396, 5657, 5405, 5554, 5662, 5571, 5602, 5721, 5403, 5266, 5615, 5435, 5291, 5372, 5452, 5504, 5324, 5573, 5562, 5415, 5500, 5570, 5432, 5634, 5354, 5351, 5440, 5371, 5582, 5539, 5346, 5564, 5325, 5399, 5660, 5423, 5261, 5578, 5459, 5528, 5710, 5522, 5572, 5370, 5655, 5503, 5597, 5511, 5552, 5589, 5492, 5663, 5543, 5581, 5301, 5487, 5654, 5460, 5260, 5658, 5279, 5466, 5553, 5375, 5555, 5641, 5697, 5378, 5698, 5509, 5307, 5339, 5644, 5286, 5669, 5344, 5653, 5610, 5421, 5681, 5408, 5693, 5519, 5648, 5556, 5448, 5345, 5476, 5477, 5605, 5547 (21 hits) (04/04/2016 08:35:09 PM) |
| 68      | 9                | 1.0                 | 333.0    | Yes      | 5558.7MHz,<br>-64.0dBm      | Hop sequence: 5402, 5346, 5501, 5345, 5444, 5549, 5522, 5634, 5685, 5396, 5445, 5689, 5431, 5509, 5519, 5596, 5562, 5573, 5375, 5324, 5276, 5438, 5294, 5418, 5367, 5354, 5455, 5571, 5615, 5721, 5404, 5529, 5265,                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5385, 5368, 5337, 5378, 5359, 5400, 5412, 5588, 5473, 5275, 5303, 5719, 5397, 5644, 5539, 5285, 5705, 5635, 5718, 5357, 5419, 5638, 5649, 5316, 5490, 5463, 5278, 5361, 5505, 5659, 5709, 5541, 5369, 5566, 5531, 5650, 5350, 5711, 5570, 5269, 5614, 5416, 5637, 5379, 5536, 5267, 5306, 5630, 5568, 5605, 5697, 5629, 5384, 5489, 5504, 5661, 5310, 5543, 5675, 5426, 5678, 5576, 5448, 5553, 5332, 5598, 5287 (17 hits) (04/04/2016 08:35:25 PM)                                                                                                                                                                                                                     |
| 69      | 9                | 1.0                 | 333.0    | Yes      | 5559.7MHz,<br>-64.0dBm      | Hop sequence: 5556, 5582, 5494, 5704, 5479, 5636, 5432, 5512, 5492, 5665, 5654, 5352, 5456, 5398, 5476, 5333, 5594, 5592, 5395, 5505, 5419, 5391, 5508, 5424, 5359, 5611, 5372, 5263, 5718, 5366, 5696, 5662, 5311, 5588, 5573, 5674, 5345, 5490, 5304, 5711, 5549, 5595, 5260, 5422, 5347, 5702, 5281, 5659, 5429, 5553, 5399, 5599, 5663, 5292, 5338, 5678, 5679, 5363, 5571, 5362, 5683, 5353, 5369, 5286, 5379, 5477, 5607, 5566, 5346, 5495, 5282, 5252, 5414, 5710, 5593, 5717, 5539, 5680, 5500, 5375, 5452, 5482, 5383, 5685, 5583, 5606, 5621, 5444, 5336, 5261, 5408, 5299, 5467, 5544, 5568, 5627, 5525, 5425, 5280, 5384 (15 hits) (04/04/2016 08:35:41 PM) |
| 70      | 9                | 1.0                 | 333.0    | Yes      | 5560.7MHz,<br>-64.0dBm      | Hop sequence: 5362, 5636, 5293, 5461, 5591, 5546, 5314, 5723, 5724, 5350, 5402, 5451, 5701, 5569, 5336, 5595, 5533, 5438, 5524, 5548, 5657, 5717, 5334, 5467, 5415, 5605, 5484, 5571, 5352, 5332, 5659, 5279, 5665, 5531, 5297, 5355, 5614, 5655, 5294, 5654, 5327, 5557, 5342, 5459, 5420, 5697, 5705, 5359, 5664, 5454, 5713, 5487, 5465, 5679, 5481, 5672, 5473, 5446, 5682, 5384, 5265, 5377, 5676, 5617, 5264, 5624, 5284, 5299, 5329, 5714, 5662, 5719, 5703, 5695, 5620, 5712, 5535, 5698, 5586, 5618, 5520, 5561, 5601, 5592, 5715, 5476, 5371, 5366, 5493, 5452, 5466, 5391, 5422, 5268, 5449, 5613, 5379, 5565, 5323, 5587 (11 hits) (04/04/2016 08:35:55 PM) |
| 71      | 9                | 1.0                 | 333.0    | Yes      | 5561.7MHz,<br>-64.0dBm      | Hop sequence: 5536, 5459, 5621, 5661, 5503, 5481, 5561, 5610, 5333, 5483, 5484, 5681, 5502, 5360, 5349, 5553, 5555, 5408, 5370, 5447, 5352, 5522, 5289, 5264, 5526, 5312, 5537, 5564, 5446, 5491, 5293, 5545, 5402, 5290, 5463, 5456, 5357, 5412, 5353, 5279, 5325, 5435, 5688, 5322, 5311, 5595, 5657, 5693, 5566, 5478, 5444, 5598, 5544, 5377, 5635, 5309, 5336,                                                                                                                                                                                                                                                                                                     |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

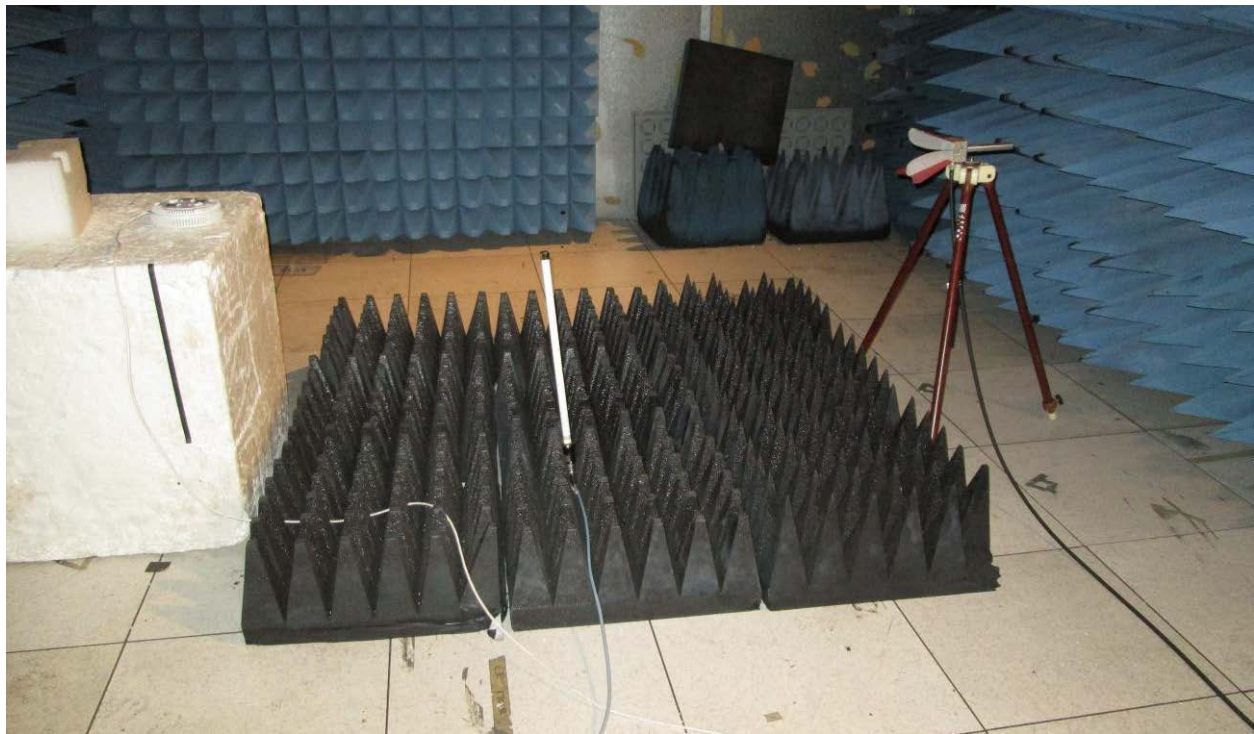
| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5358, 5454, 5715, 5506, 5419, 5351, 5581, 5533, 5266, 5608, 5318, 5568, 5323, 5359, 5521, 5287, 5386, 5682, 5710, 5473, 5282, 5321, 5683, 5363, 5525, 5329, 5490, 5676, 5549, 5304, 5565, 5724, 5547, 5305, 5516, 5442, 5295, 5283, 5517, 5345, 5497, 5356, 5546 (25 hits) (04/04/2016 08:36:12 PM)                                                                                                                                                                                                                                                                                                                                                                     |
| 72      | 9                | 1.0                 | 333.0    | Yes      | 5562.7MHz,<br>-64.0dBm      | Hop sequence: 5607, 5297, 5351, 5357, 5710, 5516, 5487, 5407, 5373, 5696, 5313, 5609, 5387, 5465, 5596, 5699, 5553, 5583, 5356, 5301, 5697, 5367, 5416, 5638, 5513, 5646, 5512, 5328, 5704, 5521, 5298, 5399, 5673, 5558, 5354, 5461, 5548, 5308, 5348, 5476, 5424, 5578, 5668, 5463, 5724, 5685, 5472, 5341, 5723, 5475, 5591, 5679, 5382, 5365, 5454, 5374, 5660, 5333, 5375, 5634, 5509, 5429, 5440, 5507, 5271, 5598, 5376, 5285, 5563, 5575, 5368, 5293, 5307, 5332, 5718, 5500, 5433, 5402, 5506, 5263, 5409, 5319, 5324, 5677, 5471, 5394, 5370, 5672, 5498, 5350, 5707, 5585, 5430, 5343, 5559, 5528, 5435, 5466, 5651, 5299 (15 hits) (04/04/2016 08:36:26 PM) |
| 73      | 9                | 1.0                 | 333.0    | Yes      | 5563.7MHz,<br>-64.0dBm      | Hop sequence: 5340, 5345, 5358, 5425, 5325, 5432, 5487, 5336, 5710, 5612, 5481, 5274, 5703, 5524, 5404, 5516, 5418, 5626, 5713, 5625, 5642, 5326, 5498, 5511, 5319, 5383, 5421, 5615, 5310, 5327, 5370, 5315, 5584, 5724, 5501, 5551, 5604, 5601, 5436, 5683, 5712, 5630, 5463, 5557, 5257, 5650, 5355, 5442, 5266, 5686, 5464, 5360, 5644, 5267, 5304, 5571, 5674, 5538, 5708, 5559, 5662, 5699, 5476, 5534, 5613, 5508, 5697, 5606, 5477, 5482, 5348, 5716, 5725, 5624, 5407, 5361, 5278, 5722, 5621, 5622, 5685, 5552, 5554, 5289, 5411, 5660, 5385, 5321, 5324, 5681, 5723, 5652, 5282, 5438, 5547, 5454, 5291, 5705, 5580, 5507 (15 hits) (04/04/2016 08:36:40 PM) |
| 74      | 9                | 1.0                 | 333.0    | Yes      | 5564.7MHz,<br>-64.0dBm      | Hop sequence: 5275, 5271, 5537, 5330, 5459, 5705, 5565, 5562, 5669, 5377, 5597, 5467, 5302, 5688, 5682, 5687, 5508, 5492, 5287, 5399, 5543, 5452, 5721, 5401, 5592, 5590, 5269, 5666, 5357, 5368, 5461, 5293, 5350, 5693, 5298, 5373, 5487, 5711, 5624, 5675, 5471, 5722, 5329, 5679, 5637, 5453, 5308, 5365, 5697, 5388, 5396, 5280, 5484, 5573, 5574, 5446, 5432, 5441, 5623, 5254, 5328, 5500, 5606, 5689, 5414, 5517, 5338, 5445, 5507, 5428, 5348, 5252, 5359, 5466, 5578, 5619, 5488, 5310, 5421, 5360, 5620,                                                                                                                                                     |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | 5267, 5316, 5469, 5568, 5485, 5364, 5282, 5575, 5379, 5327, 5403, 5535, 5273, 5704, 5250, 5409, 5633, 5334, 5336 (11 hits) (04/04/2016 08:36:54 PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 75      | 9                | 1.0                 | 333.0    | Yes      | 5565.7MHz,<br>-64.0dBm      | Hop sequence: 5547, 5677, 5576, 5705, 5559, 5278, 5640, 5672, 5700, 5421, 5388, 5560, 5289, 5439, 5593, 5561, 5375, 5655, 5307, 5595, 5361, 5579, 5639, 5521, 5723, 5538, 5428, 5411, 5487, 5409, 5423, 5349, 5462, 5704, 5715, 5339, 5320, 5290, 5383, 5636, 5714, 5362, 5410, 5620, 5552, 5271, 5693, 5408, 5686, 5465, 5472, 5529, 5452, 5503, 5405, 5621, 5357, 5486, 5504, 5461, 5358, 5454, 5589, 5365, 5321, 5542, 5522, 5396, 5416, 5404, 5651, 5281, 5607, 5656, 5326, 5545, 5513, 5598, 5380, 5722, 5498, 5572, 5614, 5658, 5668, 5355, 5553, 5389, 5664, 5442, 5627, 5649, 5378, 5711, 5603, 5619, 5485, 5401, 5445, 5275 (16 hits) (04/04/2016 08:37:09 PM) |
| 76      | 9                | 1.0                 | 333.0    | Yes      | 5566.7MHz,<br>-64.0dBm      | Hop sequence: 5467, 5510, 5551, 5637, 5685, 5262, 5677, 5405, 5621, 5407, 5394, 5257, 5337, 5437, 5565, 5264, 5327, 5632, 5688, 5358, 5655, 5306, 5643, 5415, 5601, 5693, 5396, 5423, 5460, 5442, 5309, 5642, 5506, 5671, 5463, 5684, 5457, 5260, 5375, 5371, 5266, 5384, 5319, 5719, 5479, 5274, 5547, 5575, 5321, 5715, 5301, 5583, 5545, 5361, 5613, 5503, 5492, 5356, 5318, 5605, 5556, 5712, 5610, 5676, 5413, 5567, 5291, 5333, 5670, 5604, 5307, 5283, 5313, 5668, 5353, 5282, 5495, 5267, 5491, 5493, 5631, 5707, 5379, 5432, 5553, 5281, 5386, 5615, 5633, 5435, 5640, 5584, 5454, 5392, 5526, 5514, 5708, 5683, 5289, 5459 (15 hits) (04/04/2016 08:37:23 PM) |
| 77      | 9                | 1.0                 | 333.0    | Yes      | 5567.7MHz,<br>-64.0dBm      | Hop sequence: 5428, 5700, 5297, 5587, 5617, 5567, 5331, 5429, 5568, 5498, 5635, 5359, 5545, 5708, 5481, 5346, 5311, 5600, 5569, 5381, 5652, 5723, 5427, 5722, 5378, 5322, 5257, 5707, 5552, 5267, 5393, 5651, 5574, 5583, 5647, 5478, 5677, 5535, 5538, 5315, 5357, 5682, 5554, 5634, 5547, 5507, 5293, 5370, 5513, 5274, 5316, 5578, 5458, 5527, 5326, 5284, 5454, 5699, 5640, 5679, 5256, 5627, 5570, 5453, 5582, 5250, 5681, 5328, 5391, 5526, 5492, 5312, 5683, 5289, 5294, 5358, 5693, 5268, 5601, 5701, 5661, 5374, 5462, 5561, 5449, 5543, 5319, 5518, 5333, 5525, 5563, 5288, 5348, 5631, 5539, 5516, 5345, 5667, 5669, 5296 (21 hits) (04/04/2016 08:37:38 PM) |

**Table 120 - FCC frequency hopping radar (Type 6) Results 802.11ac 80**

| Trial # | Pulses/<br>Burst | Pulse<br>Width (us) | PRI (us) | Detected | Fr (MHz) and<br>level (dBm) | Burst Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------|------------------|---------------------|----------|----------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                  |                     |          |          |                             | PM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 78      | 9                | 1.0                 | 333.0    | Yes      | 5568.3MHz,<br>-64.0dBm      | Hop sequence: 5534, 5418, 5566,<br>5287, 5675, 5713, 5701, 5525, 5549,<br>5260, 5609, 5369, 5656, 5295, 5468,<br>5263, 5484, 5362, 5653, 5502, 5698,<br>5296, 5335, 5427, 5513, 5409, 5451,<br>5333, 5264, 5724, 5722, 5587, 5462,<br>5612, 5523, 5699, 5432, 5373, 5428,<br>5679, 5654, 5565, 5331, 5717, 5283,<br>5415, 5583, 5503, 5419, 5620, 5706,<br>5361, 5254, 5611, 5339, 5257, 5720,<br>5259, 5655, 5267, 5329, 5262, 5455,<br>5269, 5563, 5505, 5439, 5573, 5692,<br>5510, 5625, 5384, 5593, 5285, 5279,<br>5290, 5469, 5311, 5388, 5627, 5673,<br>5652, 5515, 5592, 5561, 5325, 5693,<br>5582, 5440, 5390, 5518, 5292, 5265,<br>5630, 5709, 5443, 5375, 5374, 5309,<br>5314 (15 hits) (04/04/2016 08:37:52<br>PM) |
| 79      | 9                | 1.0                 | 333.0    | Yes      | 5491.7MHz,<br>-64.0dBm      | Hop sequence: 5454, 5346, 5671,<br>5504, 5312, 5667, 5500, 5267, 5619,<br>5434, 5396, 5480, 5686, 5420, 5629,<br>5470, 5622, 5485, 5320, 5315, 5661,<br>5690, 5363, 5642, 5289, 5540, 5715,<br>5552, 5492, 5436, 5501, 5645, 5403,<br>5612, 5528, 5677, 5371, 5609, 5386,<br>5435, 5433, 5328, 5345, 5322, 5331,<br>5414, 5277, 5632, 5685, 5401, 5581,<br>5347, 5466, 5529, 5602, 5625, 5264,<br>5662, 5611, 5458, 5429, 5426, 5351,<br>5405, 5481, 5489, 5722, 5613, 5422,<br>5530, 5550, 5614, 5407, 5687, 5658,<br>5387, 5641, 5338, 5497, 5616, 5342,<br>5498, 5276, 5652, 5262, 5598, 5522,<br>5291, 5510, 5293, 5617, 5624, 5711,<br>5703, 5273, 5340, 5709, 5327, 5595,<br>5266 (14 hits) (04/04/2016 08:38:05<br>PM) |
| 80      | 9                | 1.0                 | 333.0    | Yes      | 5492.7MHz,<br>-64.0dBm      | Hop sequence: 5259, 5271, 5287,<br>5669, 5646, 5663, 5644, 5375, 5698,<br>5305, 5710, 5603, 5329, 5433, 5591,<br>5470, 5697, 5333, 5555, 5449, 5590,<br>5534, 5337, 5366, 5475, 5263, 5558,<br>5494, 5314, 5417, 5445, 5708, 5446,<br>5483, 5312, 5686, 5459, 5353, 5584,<br>5510, 5594, 5473, 5380, 5467, 5251,<br>5453, 5588, 5512, 5600, 5349, 5382,<br>5668, 5675, 5613, 5421, 5336, 5361,<br>5302, 5275, 5431, 5671, 5625, 5703,<br>5352, 5582, 5253, 5322, 5619, 5303,<br>5607, 5418, 5487, 5326, 5269, 5519,<br>5524, 5726, 5670, 5398, 5348, 5429,<br>5627, 5570, 5399, 5293, 5436, 5638,<br>5324, 5623, 5656, 5379, 5381, 5621,<br>5450, 5258, 5430, 5464, 5529, 5452,<br>5255 (9 hits) (04/04/2016 08:38:20<br>PM)  |

**Appendix C Test Configuration Photograph(s)**

***End of Report***

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