FCC DFS TEST REPORT

FCC ID	:	**TVE-2517Q021**
Equipment	:	**Secured Wireless Access Point**
Brand Name	:	**Fortinet**
Model Name	:	**FortiAP 224Exxxxxx, FAP-224Exxxxxx, FORTIAP 224Exxxxxx, (where "x" can be used as "A-Z", or "0-9", or "-", or blank for marketing purposes only)**
Standard	:	**FCC Part 15 Subpart E**

The product was received on Apr. 10, 2020 and testing was started from Apr. 13, 2020 and completed on Apr. 16, 2020. We, Sporton International (USA) Inc., would like to declare that the tested sample has been evaluated in accordance with the procedures given in FCC Part 15 Subpart E and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by A2LA or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (USA) Inc., the test report shall not be reproduced except in full.

Approved by: Ken Chen / Manager

Sporton International (USA) Inc.
1175 Montague Expressway, Milpitas, CA 95035

Table of Contents

History of this test report

Report No.	Version	Description	Issue Date
FZ200302001	01	Initial issue of report	May 06, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	7.8.1	U-NII Detection Bandwidth	Pass	-
3.3	7.8.2	Channel Availability Check Time	Pass	-
3.4	7.8.3	Channel Move Time	Pass	-
		Channel Closing Transmission Time	Pass	-
		Non-Occupancy Period Test	Pass	-
3.5	7.8.4	Statistical Performance Check	Pass	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Applicant

Fortinet, Inc.

899 Kifer Road, Sunnyvale, CA. 94086

1.2 Manufacturer

1. Lite-on Network Communication (Dongguan) Limited

30#Keji Rd., Yin Hu Industrial Area, Qingxi Town, DongGuan City, Guangdong, China

2. LITE-ON Technology Corp. Networking Plant

No. 101, Neihuan N. Rd., Nanzi Processing Export, Nanzi Dist., Kaohsiung City 811, Taiwan (R.O.C.)

1.3 Feature of Equipment Under Test

Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, and Wi-Fi 5GHz 802.11a/n/ac

Product Specification subjective to this standard	
Antenna Type	WLAN: <Ant 1>: Metal Antenna <Ant 2>: Metal Antenna <Ant 3>: Metal Antenna <Ant 4>: Metal Antenna Bluetooth: PCB Antenna

1.4 Modification of EUT

No modifications are made to the EUT during all test items.

1.5 Testing Site

Test Site	SPORTON INTERNATIONAL (USA) INC.
Test Site Location	1175 Montague Expressway Milpitas, CA 95035, USA TEL: 408 9043300
Test Site No.	**Sporton Site No.**
	DFS01-CA

1.6 Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15 Subpart E
- FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02
- FCC KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

1.7 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	HW / FW Version	Power Cord
1.	Notebook	MSI	MS-1615	PD93165NG	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2 Requirements and Parameters for DFS Test

2.1 Summary of Dynamic Frequency Selection Test

UNII	Description	Limit
U-NII Band 2-A 5250-5350 MHz	Channel Availability Check Time	> 60sec
	U-NII Detection Bandwidth	> 100% of the U-NII 99% transmission power bandwidth
	Statistical Performance Check	Type 1,2,3,4 >= 60% Type 1~4 and 5 >= 80% Type 6 >= 70%
	Channel Move Time	< 10 sec
	Channel Closing Transmission Time	< 200 ms + aggregate of 60 ms over remaining 10 s period
	Non-Occupancy Period Test	> 30 minutes
U-NII Band 2-C 5470-5725 MHz	Channel Availability Check Time	> 60sec
	U-NII Detection Bandwidth	> 100% of the U-NII 99% transmission power bandwidth
	Statistical Performance Check	Type 1,2,3,4 >= 60% Type 1~4 and 5 >= 80% Type 6 >= 70%
	Channel Move Time	< 10 sec
	Channel Closing Transmission Time	< 200 ms + aggregate of 60 ms over remaining 10 s period
	Non-Occupancy Period Test	> 30 minutes

2.2 Applicability of DFS Requirements

EUT is considered as a master device.

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

Requirement	Operational Mode		
	Master	Client Without Radar Detection	Client With Radar Detection
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode		
	Master	Client Without Radar Detection	Client With Radar Detection
DFS Detection Threshold	Yes	Not required	Yes
Channel Closing Transmission Time	Yes	Yes	Yes
Channel Move Time	Yes	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required	Yes
Client Beacon Test	N/A	Yes	Yes

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

Note

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

2.3 DFS Detection Thresholds

Table 3 below provides the DFS Detection Thresholds for Master Devices as well as Client Devices incorporating In-Service Monitoring.

Table 3: DFS Detection Thresholds for Master Devices

Maximum Transmit Power	Value (see notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. **Note 2:** Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. **Note 3:** EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

The radar *Detection Threshold*, lowest antenna gain is the parameter of Interference radar DFS detection threshold, The Interference Detection Threshold is the (-64dBm).

2.4 DFS Response requirement values

Table 4 provides the response requirements for Master and Client Devices incorporating DFS.

Table 4: DFS Response Requirement Values

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

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

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

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

2.5 Short Pulse Radar Test Waveforms

Radar Type 0 was used in the evaluation of the Client device for the purpose of measuring the Channel Move Time and the Channel Closing Transmission Time.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Trials
0	1	1428	18	See Note 1.	See Note 1.
1	1	Test A Test B	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

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

Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a
Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A

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

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

The aggregate is the average of the percentage of successful detections of short pulse radar types 1-4.

Table 5a - Pulse Repetition Intervals Values for Test A

Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)
1	1930.5	518
2	1858.7	538
3	1792.1	558
4	1730.1	578
5	1672.2	598
6	1618.1	618
7	1567.4	638
8	1519.8	658
9	1474.9	678
10	1432.7	698
11	1392.8	718
12	1355.0	738
13	1319.3	758
14	1285.3	778
15	1253.1	798
16	1222.5	818
17	1193.3	838
18	1165.5	858
19	1139.0	878
20	1113.6	898
21	1089.3	918
22	1066.1	938
23	326.2	3066

2.6 Long Pulse Radar Test Waveform

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

The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse radar test signal. If more than 30 waveforms are used for the Long Pulse radar test signal, then each additional waveform must also be unique and not repeated from the previous waveforms. Each waveform is defined as follows:

Note: The center frequency for each of the 30 trials of the Bin 5 radar shall be randomly selected within 80% of the Occupied Bandwidth.

(1) The transmission period for the Long Pulse Radar test signal is 12 seconds.

(2) There are a total of 8 to 20 Bursts in the 12 second period, with the number of Bursts being randomly chosen. This number is Burst_Count.

(3) Each Burst consists of 1 to 3 pulses, with the number of pulses being randomly chosen. Each Burst within the 12 second sequence may have a different number of pulses.

(4) The pulse width is between 50 and 100 microseconds, with the pulse width being randomly chosen. Each pulse within a Burst will have the same pulse width. Pulses in different Bursts may have different pulse widths.

(5) 5) Each pulse has a linear frequency modulated chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a **transmission period** will have the same chirp width. The chirp is centered on the pulse. For example, with a radar frequency of 5300 MHz and a 20 MHz chirped signal, the chirp starts at 5290 MHz and ends at 5310 MHz

(6) If more than one pulse is present in a Burst, the time between the pulses will be between 1000 and 2000 microseconds, with the time being randomly chosen. If three pulses are present in a Burst, the time between the first and second pulses is chosen independently of the time between the second and third pulses.

(7) The 12 second transmission period is divided into even intervals. The number of intervals is equal to Burst_Count. Each interval is of length (12,000,000 / Burst_Count) microseconds. Each interval contains one Burst. The start time for the Burst, relative to the beginning of the interval, is between 1 and [(12,000,000 / Burst_Count) – (Total Burst Length) + (One Random PRI Interval)] microseconds, with the start time being randomly chosen. The step interval for the start time is 1 microsecond. The start time for each Burst is chosen independently.

A representative example of a Long Pulse radar test waveform:

(1) The total test signal length is 12 seconds.

(2) 8 Bursts are randomly generated for the Burst_Count.

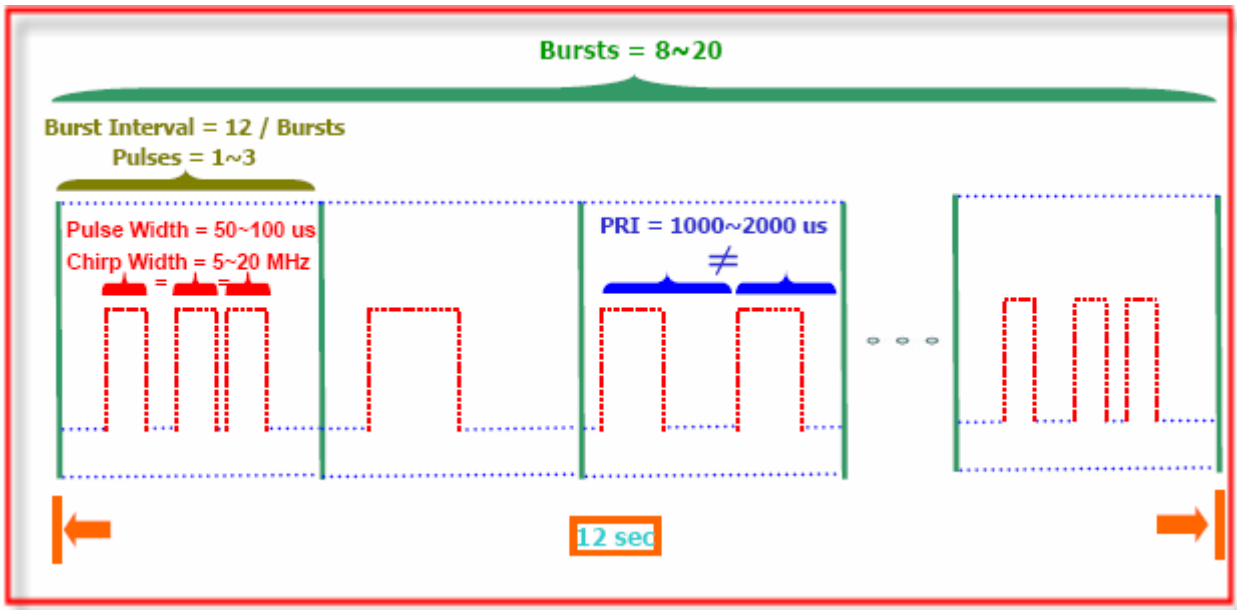
(3) Burst 1 has 2 randomly generated pulses.

(4) The pulse width (for both pulses) is randomly selected to be 75 microseconds.

(5) The PRI is randomly selected to be at 1213 microseconds.

(6) Bursts 2 through 8 are generated using steps 3 – 5.

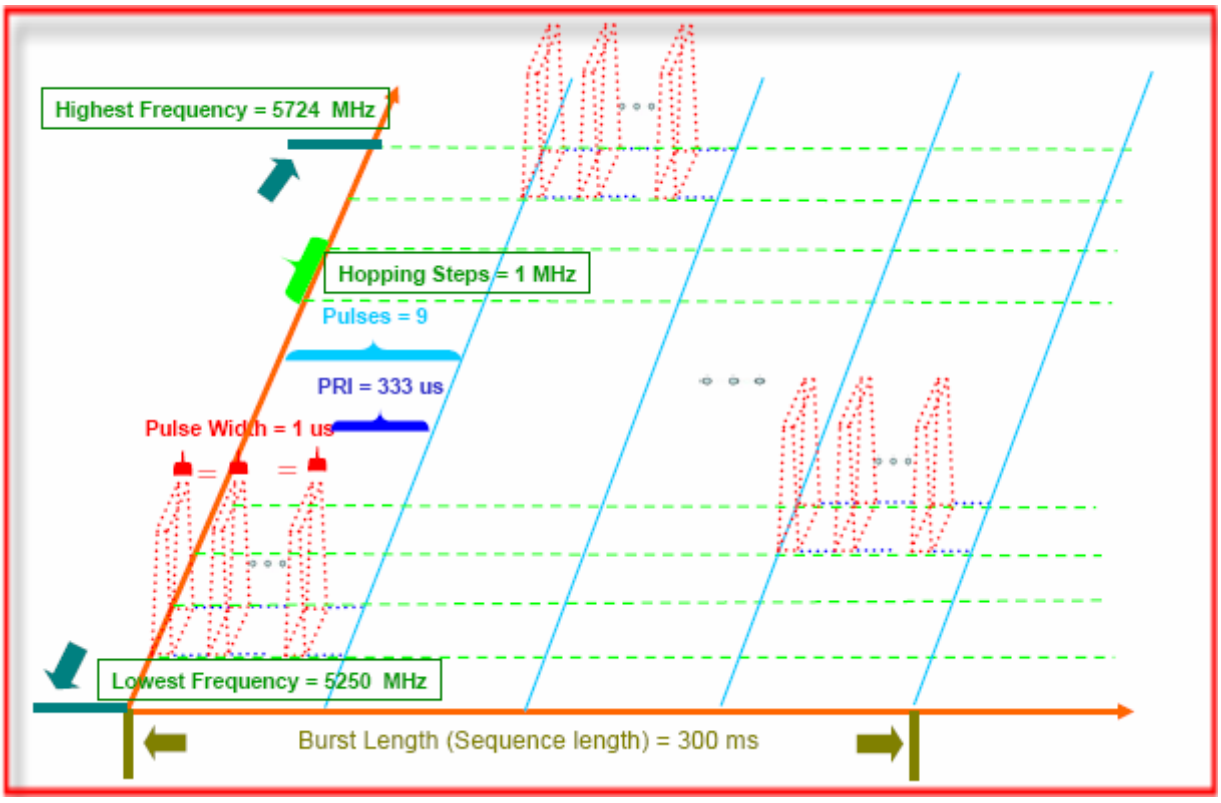
(7) Each Burst is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, Burst 1 is randomly generated (1 to 1,500,000 minus the total Burst 1 length + 1 random PRI interval) at the 325,001 microsecond step. Bursts 2 through 8 randomly fall in successive 1,500,000 microsecond intervals (i.e. Burst 2 falls in the 1,500,001 – 3,000,000 microsecond range).



2.7 Frequency Hopping Radar Test Waveform

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

For the Frequency Hopping Radar Type, the same Burst parameters are used for each waveform. The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until all 475 frequencies are chosen for the set. For selection of a random frequency, the frequencies remaining within the group are always treated as equally likely.



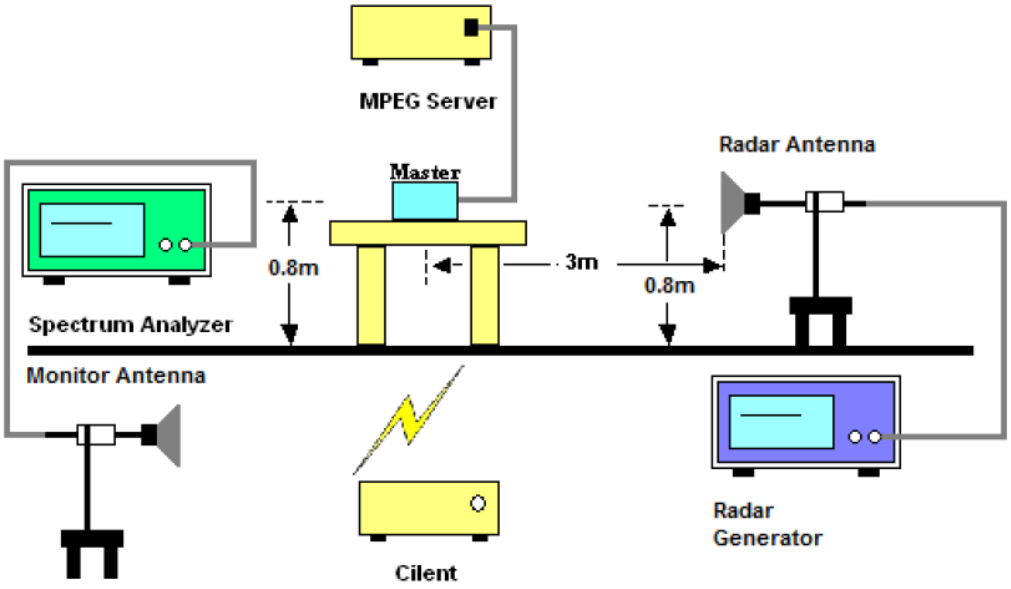
3 Calibration Setup and DFS Test Results

3.1 Calibration of Radar Waveform

3.1.1 Radar Waveform Calibration Procedure

The Interference Radar Detection Threshold Level is -64 dBm that had been taken into account the output power range and antenna gain. The following equipment setup was used to calibrate the conducted Radar Waveform. A vector signal generator was utilized to establish the test signal level for radar type 0~6. During this process there were no transmissions by either the Master or Client Device. The spectrum analyzer was switched to the zero span (Time Domain) at the frequency of the Radar Waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz to measure the radar waveform. The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was -64 dBm. Capture the spectrum analyzer plots on radar waveform.

3.1.2 Radiated Calibration Setup



3.1.3 Calibration Deviation

There is no deviation with the original standard.

3.1.4 Radar Waveform Calibration Result

<20MHz / 5300MHz>

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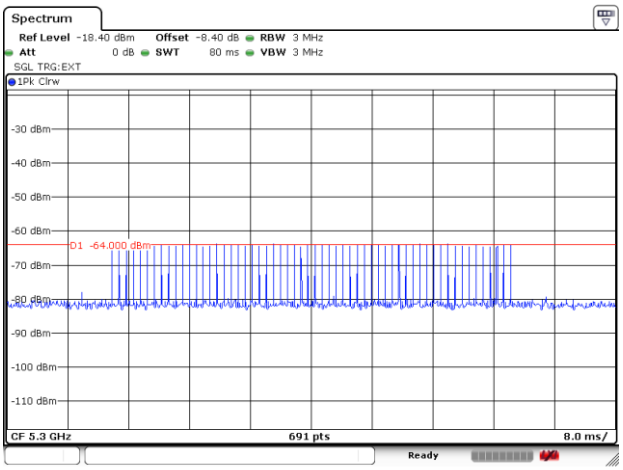	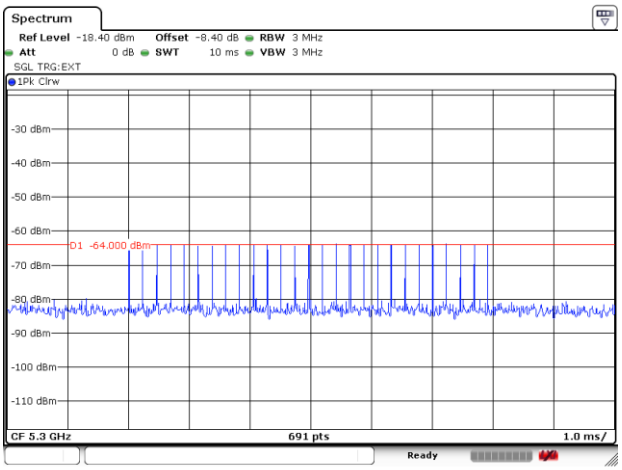
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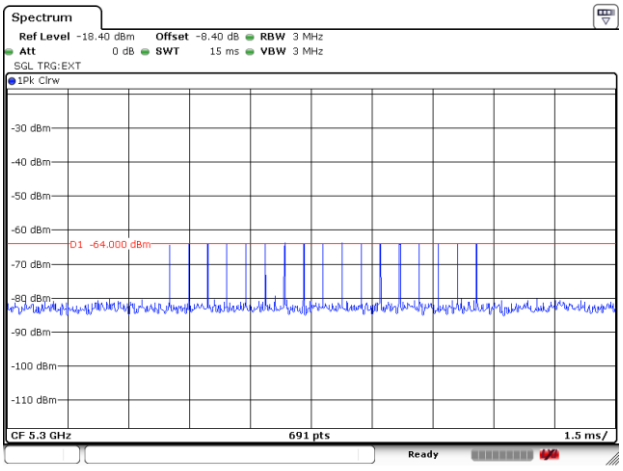	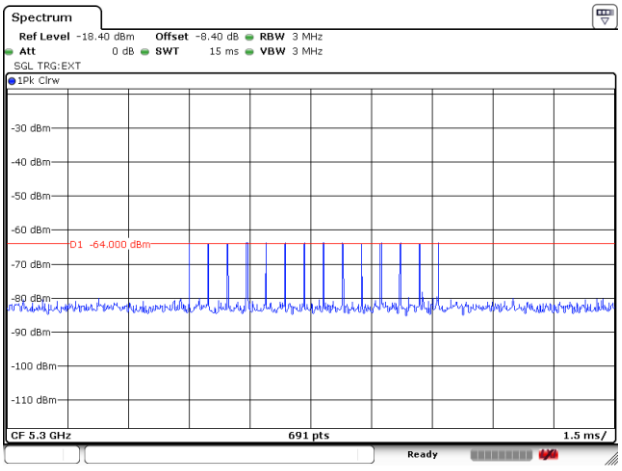

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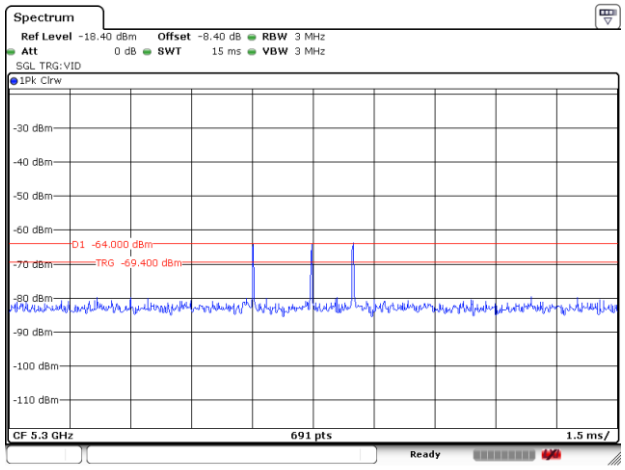	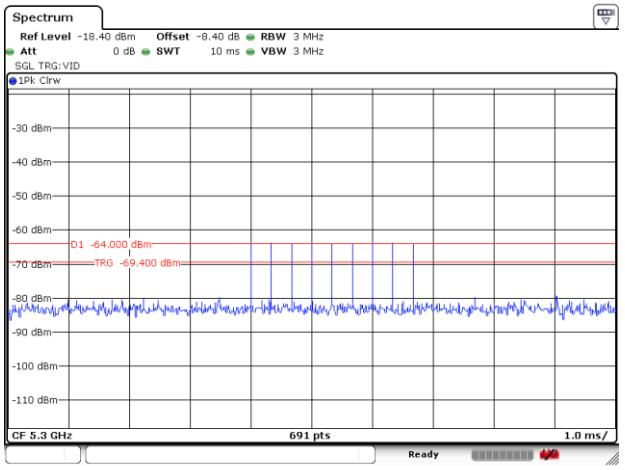

<40MHz / 5310MHz>

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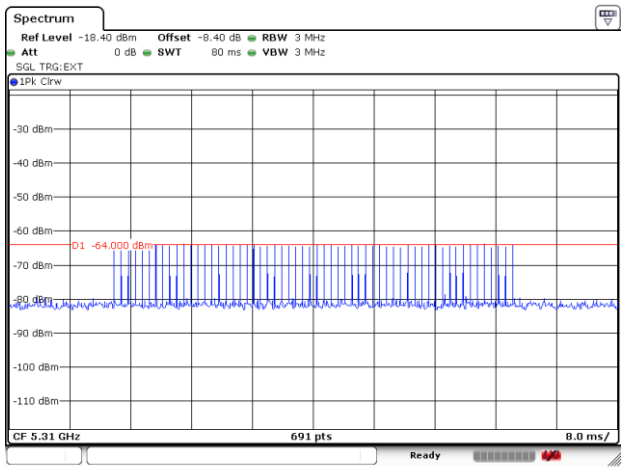	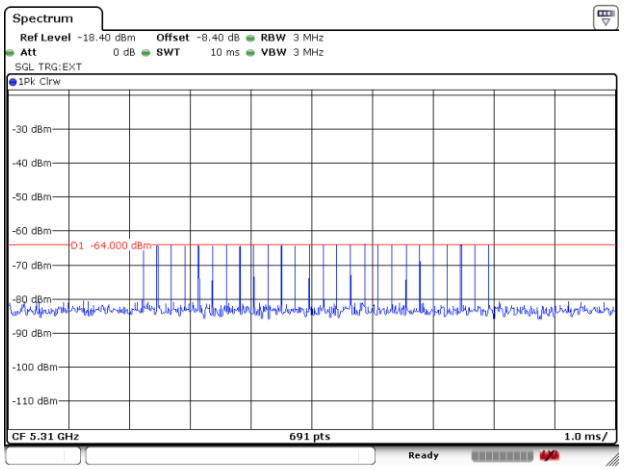

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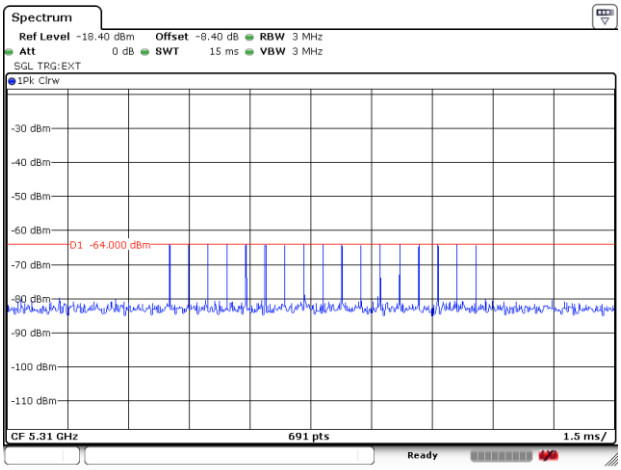	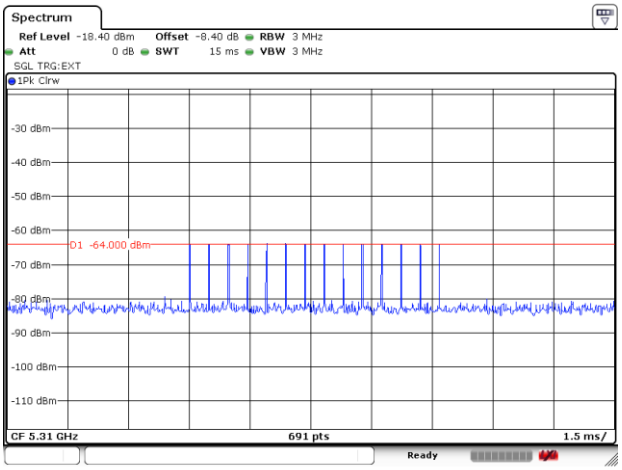
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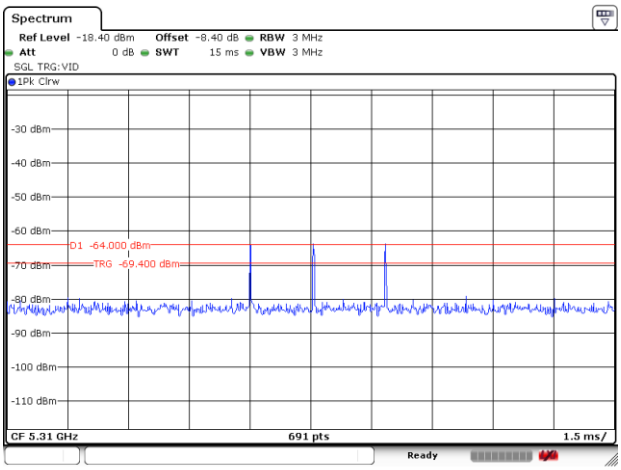	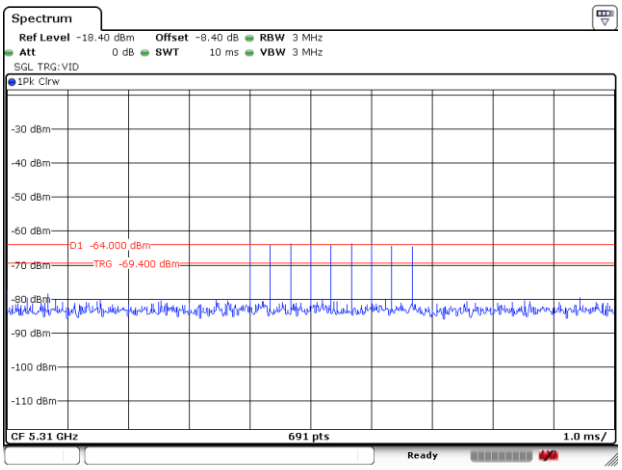

<80MHz / 5290MHz>

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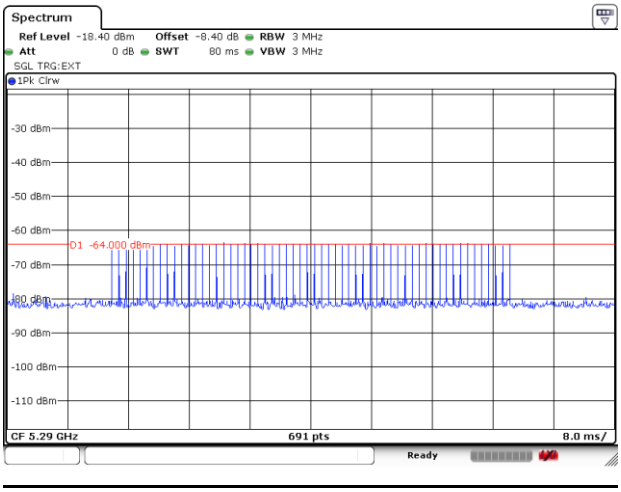	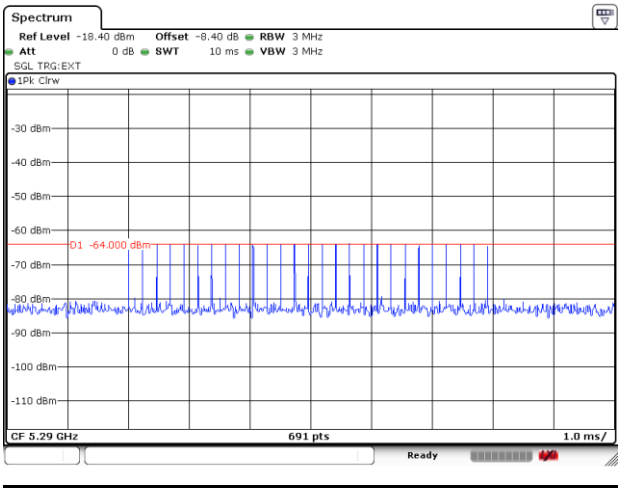
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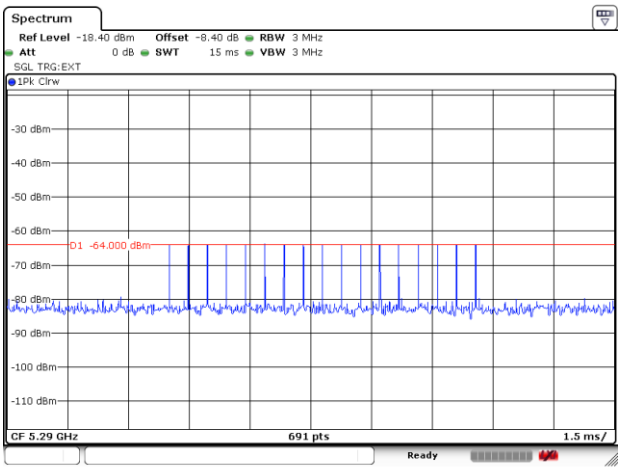	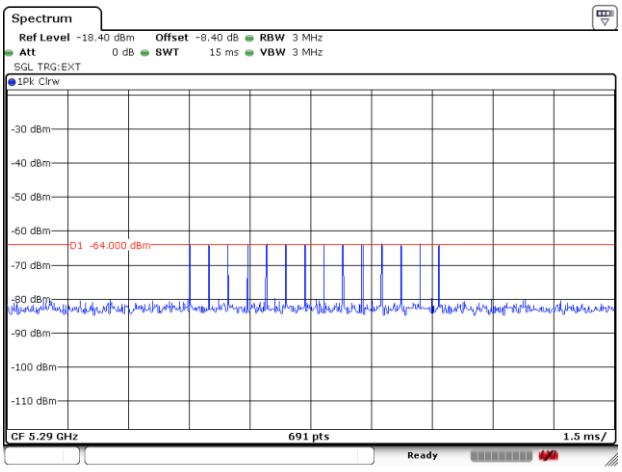

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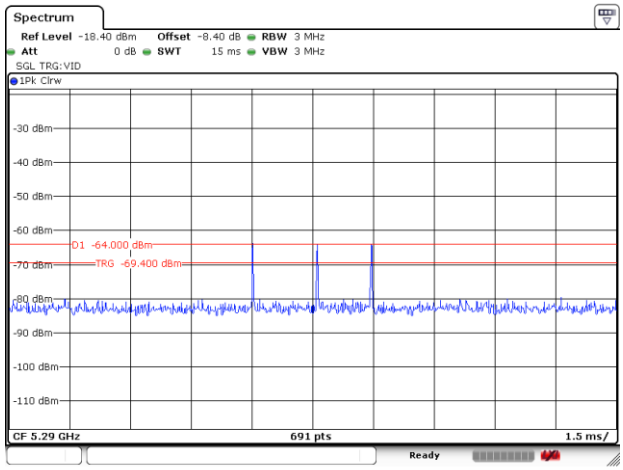	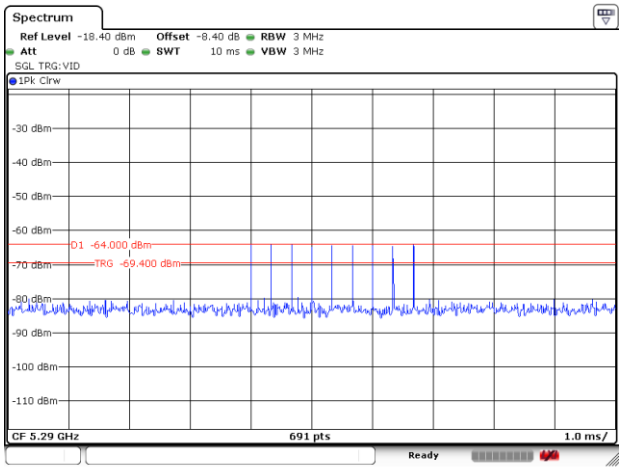

<20MHz / 5500MHz>

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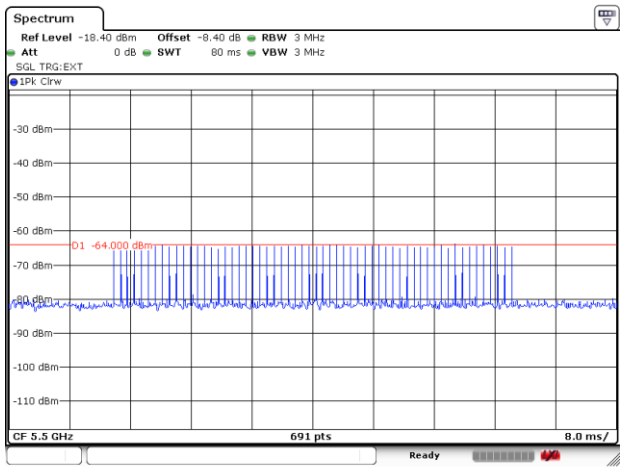	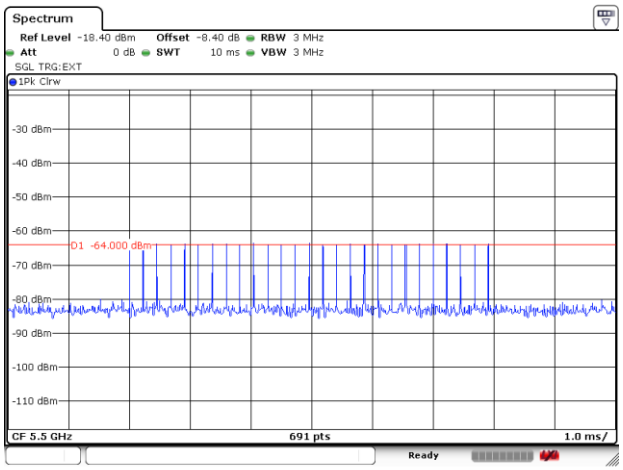

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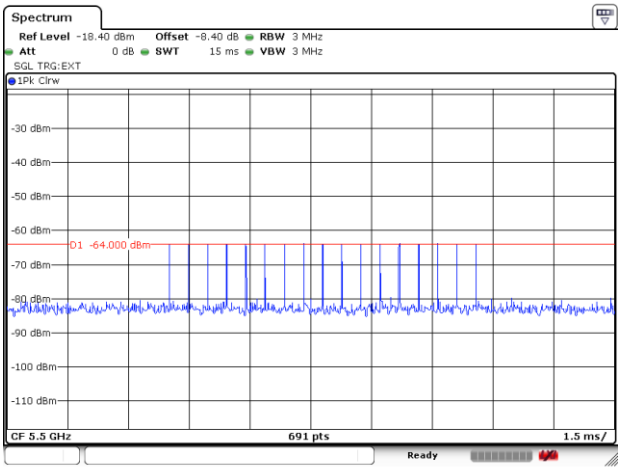
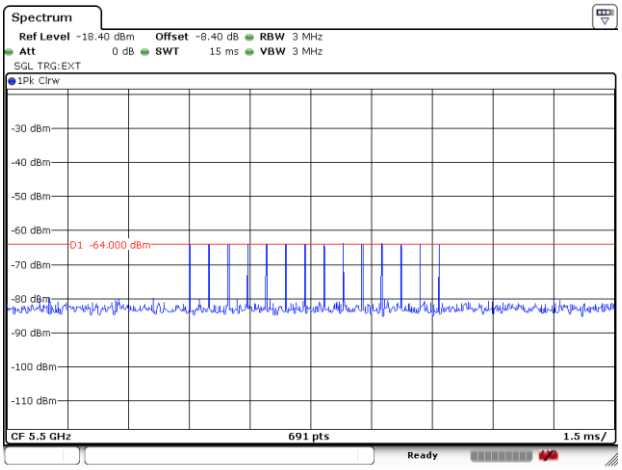
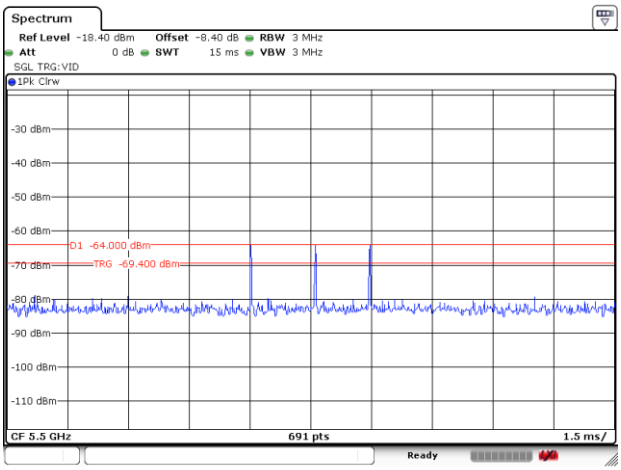
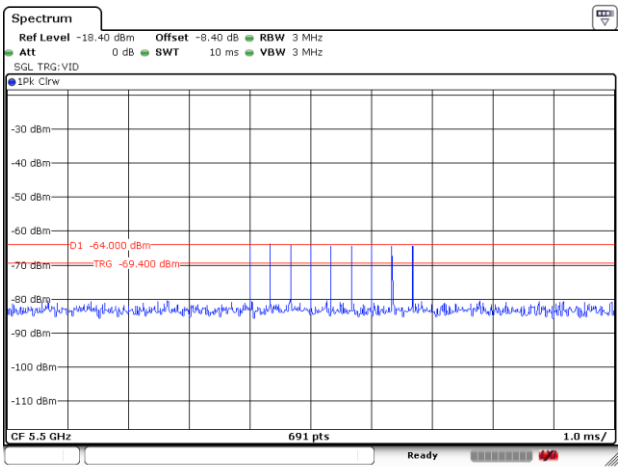
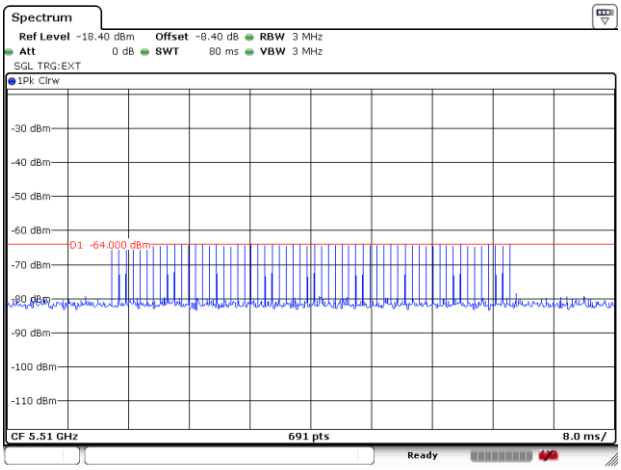
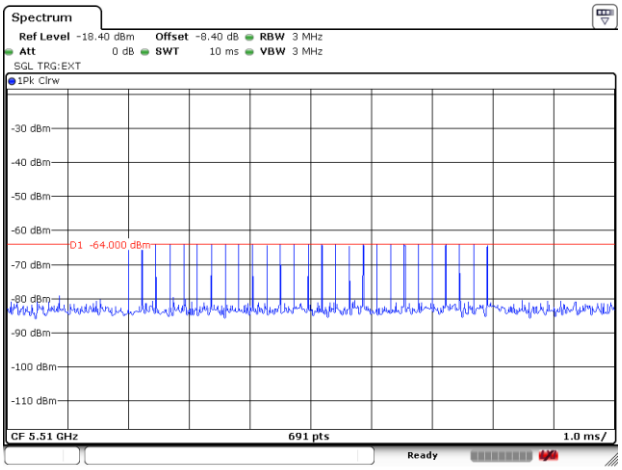
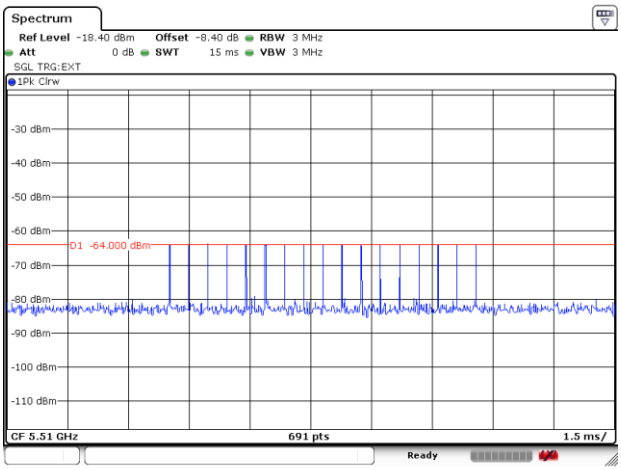
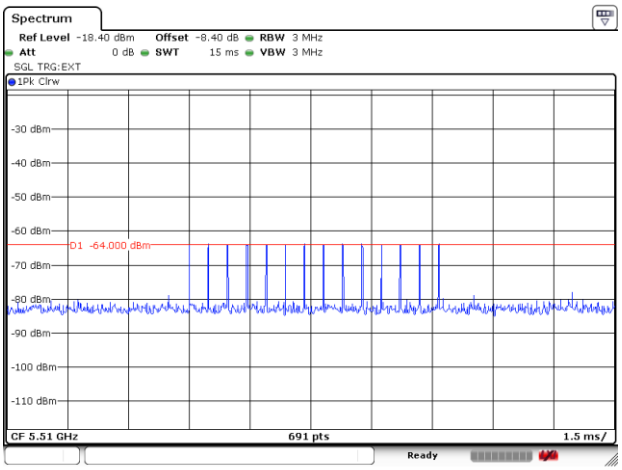
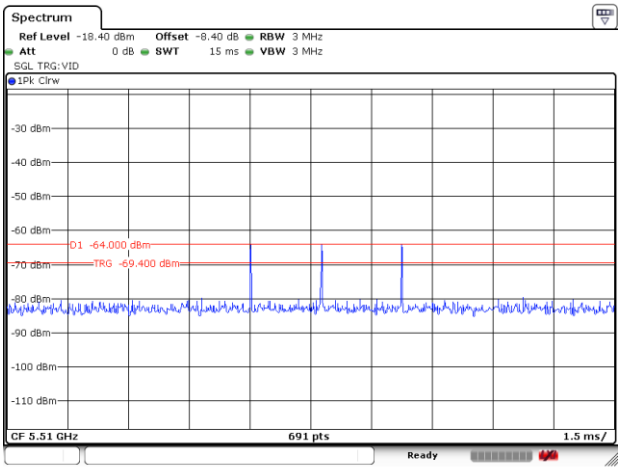
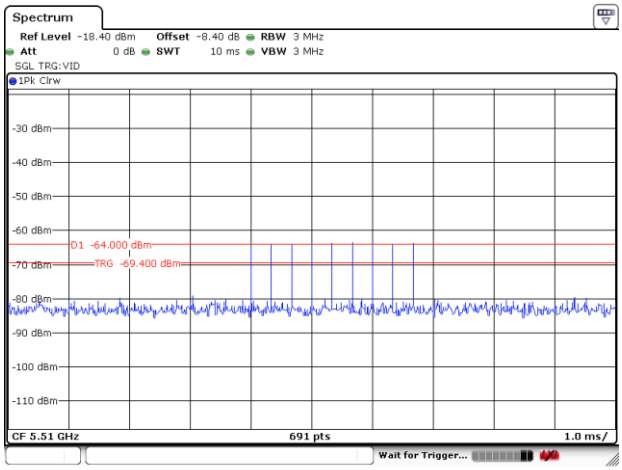
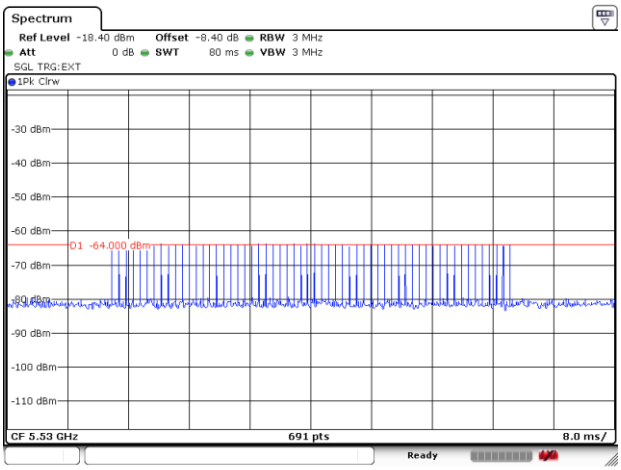
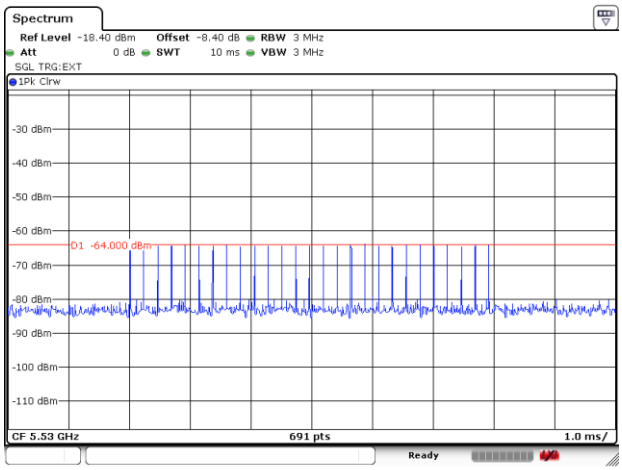
	
Single Burst of Radar Type 5	**Single Burst of Radar Type 6**
	

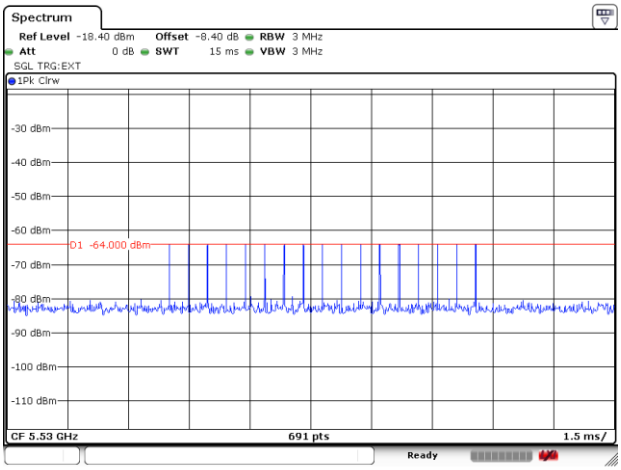
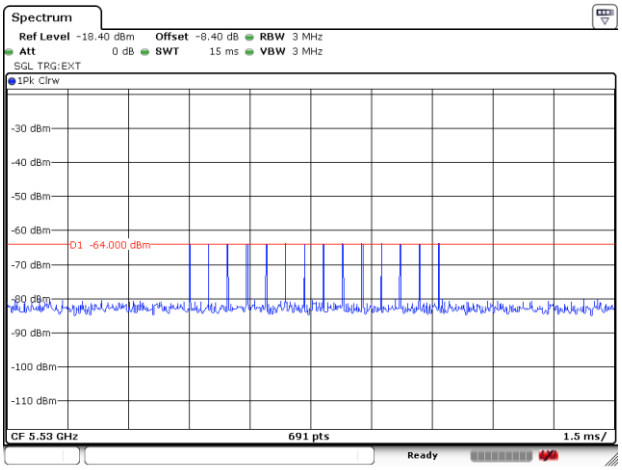
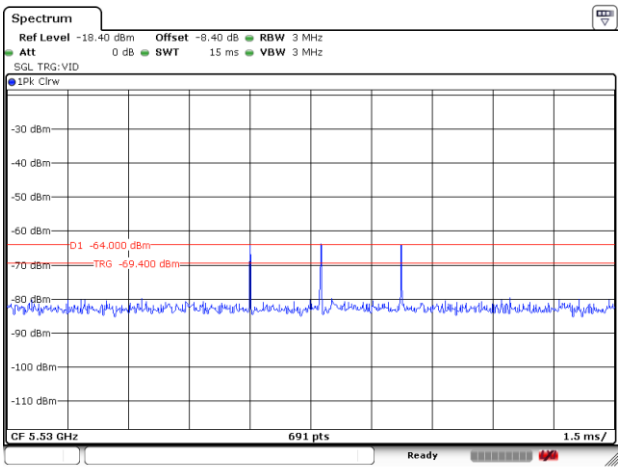
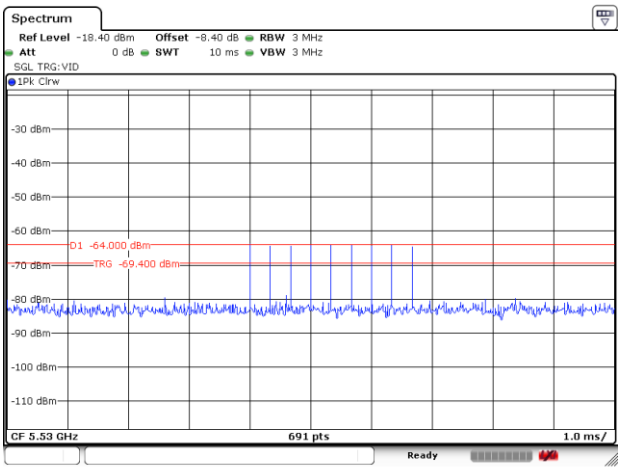
<40MHz / 5510MHz>

Radar Type 1	Radar Type 2
	
Radar Type 3	**Radar Type 4**
	

Single Burst of Radar Type 5	Single Burst of Radar Type 6
	

<80MHz / 5530MHz>

Radar Type 1	Radar Type 2
	

Radar Type 3	Radar Type 4
	
Single Burst of Radar Type 5	**Single Burst of Radar Type 6**
	

3.2 U-NII Detection Bandwidth

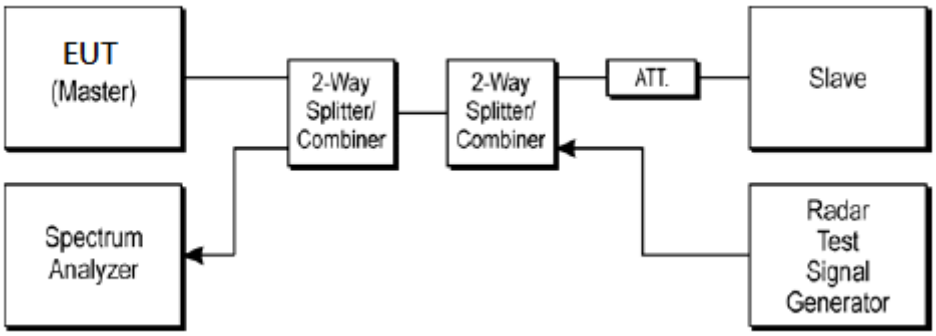
3.2.1 Limit of U-NII Detection Bandwidth

The U-NII Detection Bandwidth shall contain minimum 100% of the 99% power bandwidth.
During the U-NII Detection Bandwidth detection test, radar type 0 is used and for each frequency step the minimum percentage of detection is 90%. Measurements are performed with no data traffic.

3.2.2 Test Procedures

(1) Adjust the equipment to produce a single burst of the Short Pulse Radar Type 0 at the center frequency of the EUT Operating Channel at the specified DFS Detection Threshold level.
(2) Set the EUT up as a standalone device (no associated Client or Master, as appropriate) and no traffic. Frame based systems will be set to a talk/listen ratio of 0%/100% during this test.
(3) Generate a single radar burst, and note the response of the EUT. Repeat for a minimum of 10 trials. The EUT must detect the Radar Waveform using the specified U-NII Detection Bandwidth criterion.
(4) Starting at the center frequency of the EUT operating Channel, increase the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in report clause 2.3. Repeat this measurement in 1MHz steps at frequencies 5 MHz below where the detection rate begins to fall. Record the highest frequency (denote as F_H) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies above FH is not required to demonstrate compliance.
(5) Starting at the center frequency of the EUT operating Channel, decrease the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in report clause 2.3. Repeat this measurement in 1MHz steps at frequencies 5 MHz above where the detection rate begins to fall. Record the lowest frequency (denote as F_L) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies below FL is not required to demonstrate compliance.
(6) The U-NII Detection Bandwidth is calculated as follows:
U-NII Detection Bandwidth = $F_H - F_L$

3.2.3 Test Setup



3.2.4 Test Deviation

There is no deviation with the original standard.

3.2.5 Result of U-NII Detection Bandwidth

<20MHz / 5300MHz>

Frequency (MHz)	Fc	Trial Number (Detection = Y, No Detection = N)										Rate (%)	F_H/F_L
		1	2	3	4	5	6	7	8	9	10		
5289	-11	N	N	N	N	N	N	N	N	N	N	0%	
5290	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	**F_L**
5291	-9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5292	-8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5293	-7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5294	-6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5295	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5300	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5305	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5306	+6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5307	+7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5308	+8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5309	+9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5310	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	**F_H**
5311	+11	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = $F_H - F_L$ = **5310** – **5290** = **20** MHz EUT 99% Bandwidth = **17.583** MHz (Refer to channel 60)													

<40MHz / 5310MHz>

Frequency (MHz)	Fc	Trial Number (Detection = V, No Detection = N)										Rate (%)	F_H/F_L
		1	2	3	4	5	6	7	8	9	10		
5289	-21	N	N	N	N	N	N	N	N	N	N	0%	
5290	-20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F_L
5291	-19	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5292	-18	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5293	-17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5294	-16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5295	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5300	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5305	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5310	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5315	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5320	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5325	+15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5326	+16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5327	+17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5328	+18	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5329	+19	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5330	+20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F_H
5331	+21	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = $F_H - F_L$ = **5330** – **5290** = **40** MHz EUT 99% Bandwidth = **35.861** MHz (Refer to channel 62)													

<80MHz / 5290MHz>

Frequency (MHz)	Fc	Trial Number (Detection = V, No Detection = N)										Rate (%)	F_H/F_L
		1	2	3	4	5	6	7	8	9	10		
5249	-41	N	N	N	N	N	N	N	N	N	N	0%	
5250	-40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F_L
5251	-39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5252	-38	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5253	-37	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5254	-36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5255	-35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5260	-30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5265	-25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5270	-20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5275	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5380	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5285	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5290	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5295	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5300	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5305	+15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5310	+20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5315	+25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5320	+30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5325	+35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5326	+36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5327	+37	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5328	+38	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5329	+39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5330	+40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F_H
5331	+41	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = $F_H - F_L$ = **5330** – **5250** = **80** MHz EUT 99% Bandwidth = **75.543** MHz (Refer to channel 58)													

<20MHz / 5500MHz>

Frequency (MHz)	Fc	Trial Number (Detection = V, No Detection = N)										Rate (%)	F_H/F_L
		1	2	3	4	5	6	7	8	9	10		
5489	-11	N	N	N	N	N	N	N	N	N	N	0%	
5490	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F_L
5491	-9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5492	-8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5493	-7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5494	-6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5495	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5500	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5505	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5506	+6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5507	+7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5508	+8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5509	+9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5510	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F_H
5511	+11	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = $F_H - F_L$ = **5510** – **5490** = **20** MHz EUT 99% Bandwidth = **17.800** MHz (Refer to channel 100)													

<40MHz / 5510MHz>

Frequency (MHz)	Fc	Trial Number (Detection = V, No Detection = N)										Rate (%)	F_H/F_L
		1	2	3	4	5	6	7	8	9	10		
5489	-21	N	N	N	N	N	N	N	N	N	N	0%	
5490	-20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F_L
5491	-19	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5492	-18	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5493	-17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5494	-16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5495	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5500	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5505	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5510	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5515	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5520	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5525	+15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5526	+16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5527	+17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5528	+18	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5529	+19	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5530	+20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F_H
5531	+21	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = $F_H - F_L$ = **5530** – **5490** = **40** MHz EUT 99% Bandwidth = **36.208** MHz (Refer to channel 102)													

<80MHz / 5530MHz>

Frequency (MHz)	Fc	Trial Number (Detection = V, No Detection = N)										Rate (%)	F_H/F_L
		1	2	3	4	5	6	7	8	9	10		
5489	-41	N	N	N	N	N	N	N	N	N	N	0%	
5490	-40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F_L
5491	-39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5492	-38	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5493	-37	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5494	-36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5495	-35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5500	-30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5505	-25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5510	-20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5515	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5520	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5525	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5530	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5535	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5540	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5545	+15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5550	+20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5555	+25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5560	+30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5565	+35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5566	+36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5567	+37	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5568	+38	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5569	+39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5570	+40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F_H
5571	+41	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = $F_H - F_L$ = **5570** – **5490** = **80** MHz EUT 99% Bandwidth = **75.543** MHz (Refer to channel 106)													

3.3 Channel Availability Check

3.3.1 Limit of Channel Availability Check

The Initial Channel Availability Check Time tests that the EUT does not emit beacon, control, or data signals on the test Channel until the power-up sequence has been completed and the U-NII device checks for radar waveforms for **one minute** on the test Channel.

3.3.2 Test Procedures of Initial Channel Availability Check Time

This test does not use any radar waveforms and only needs to be performed one time.

(1) The U-NII devices will be powered on and be instructed to operate on the appropriate U-NII Channel that must incorporate DFS functions. At the same time the EUT is powered on, the spectrum analyzer will be set to zero span mode with a 3 MHz RBW and 3 MHz VBW on the Channel occupied by the radar (Chr) with a 2.5 minute sweep time. The spectrum analyzer's sweep will be started at the same time power is applied to the U-NII device.
(2) The EUT should not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle.

3.3.3 Radar Burst at the Beginning of the Channel Availability Check Time

The steps below define the procedure to verify successful radar detection on the test Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1 dB occurs at the beginning of the Channel Availability Check Time. This is illustrated in Figure 15.

(1) The Radar Waveform generator and EUT are connected using the applicable test setup and the power of the EUT is switched off.
(2) The EUT is powered on at T0. T1 denotes the instant when the EUT has completed its power-up sequence (Tpower_up). The Channel Availability Check Time commences on Chr at instant T1 and will end no sooner than T1 + Tch_avail_check.
(3) A single Burst of one of the Short Pulse Radar Types 1-4 will commence within a 6 second window starting at T1. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
(4) Visual indication or measured results on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of Chr for EUT emissions will continue for 2.5 minutes after the radar Burst has been generated.
(5) Verify that during the 2.5 minute measurement window no EUT transmissions occurred on Chr. The Channel Availability Check results will be recorded.

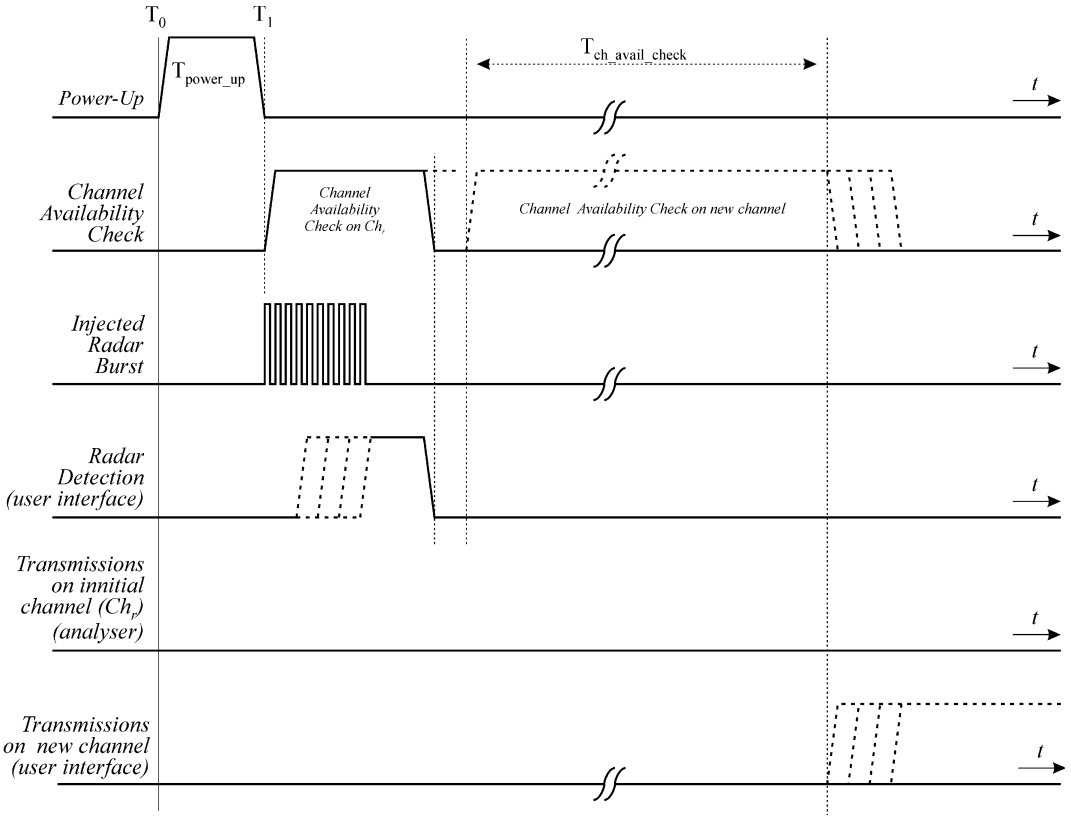


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time

3.3.4 Radar Burst at the End of the Channel Availability Check Time

The steps below define the procedure to verify successful radar detection on the test Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1dB occurs at the end of the Channel Availability Check Time. This is illustrated in Figure 16.

(1) The Radar Waveform generator and EUT are connected using the applicable test setup and the power of the EUT is switched off.
(2) The EUT is powered on at T0. T1 denotes the instant when the EUT has completed its power-up sequence (Tpower_up). The Channel Availability Check Time commences on Chr at instant T1 and will end no sooner than T1 + Tch_avail_check.
(3) A single Burst of one of the Short Pulse Radar Types 1-4 will commence within a 6 second window starting at T1 + 54 seconds. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
(4) Visual indication or measured results on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of Chr for EUT emissions will continue for 2.5 minutes after the radar Burst has been generated.
(5) Verify that during the 2.5 minute measurement window no EUT transmissions occurred on Chr. The Channel Availability Check results will be recorded.

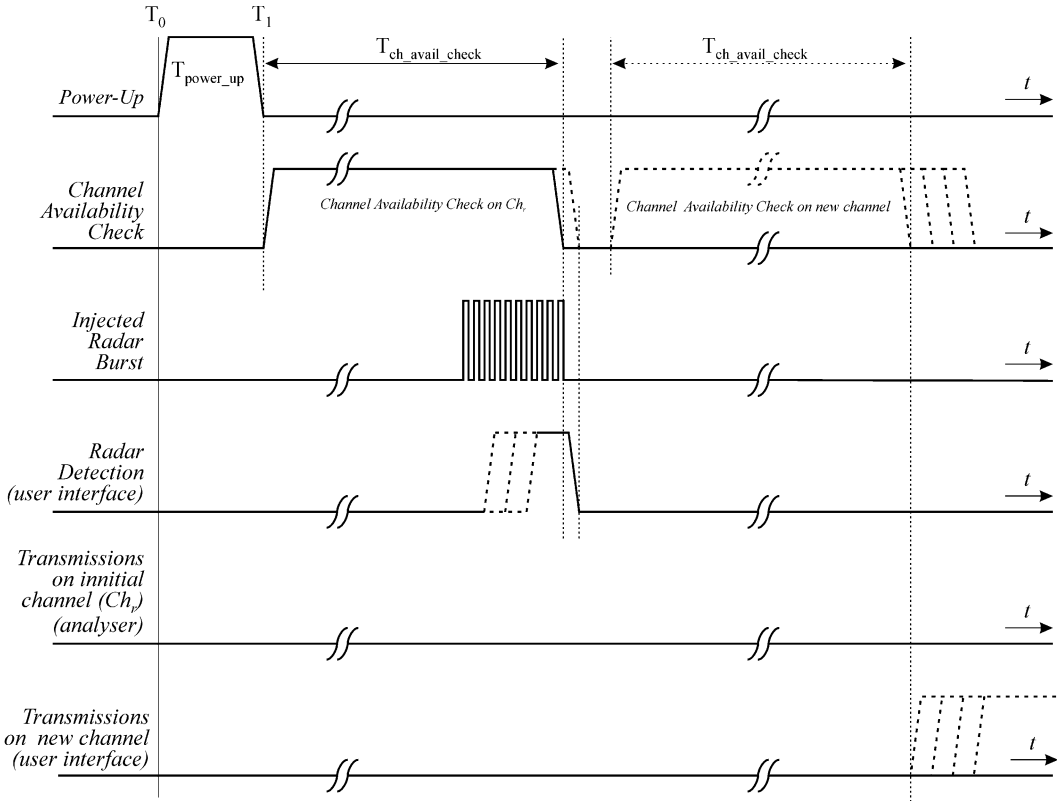
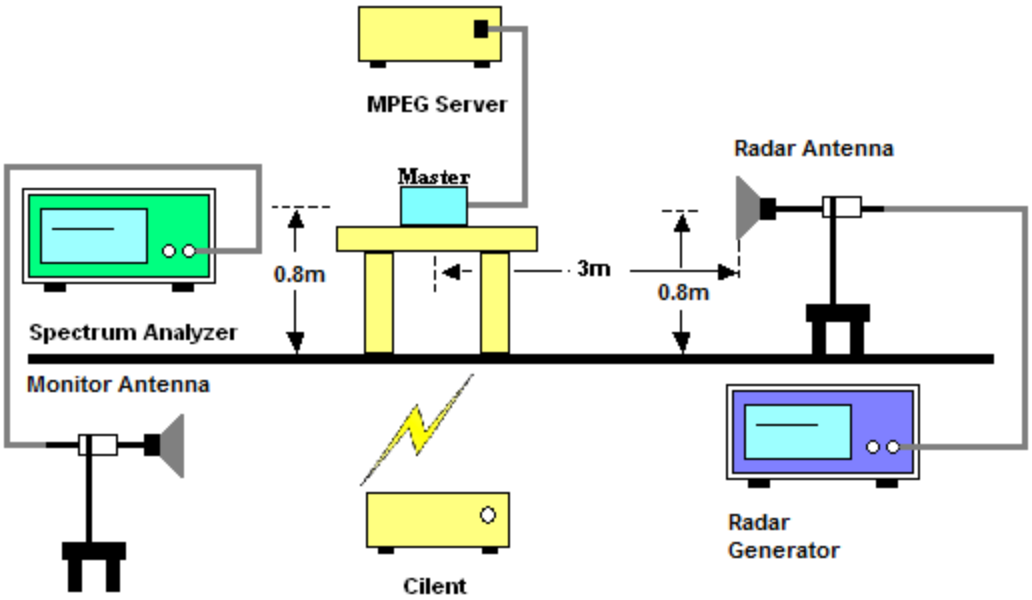


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time

3.3.5 Test Setup

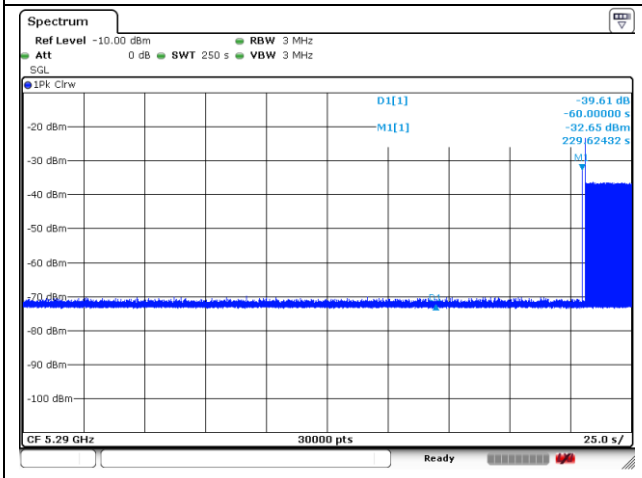
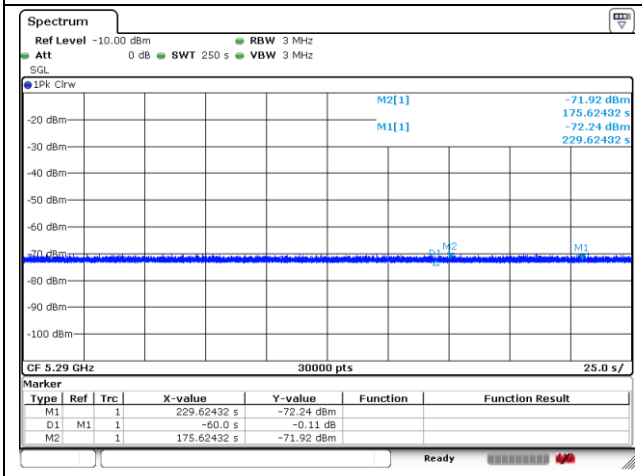
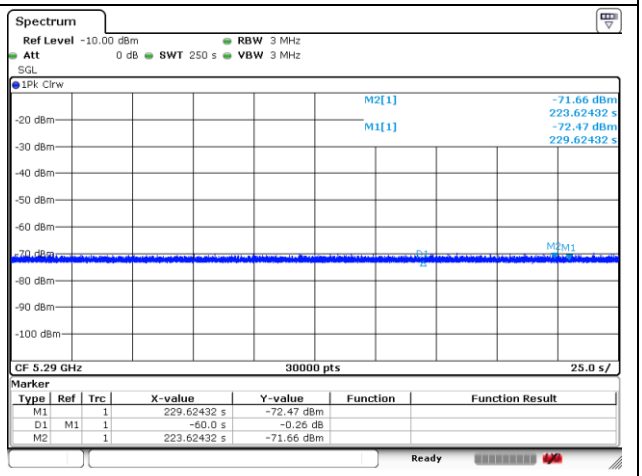


3.3.6 Test Deviation

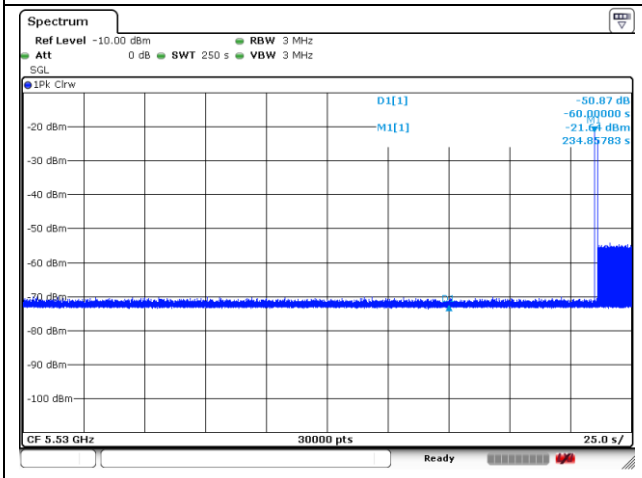
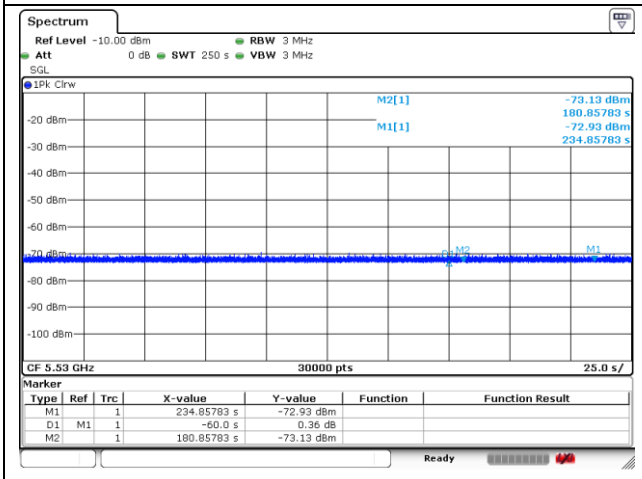
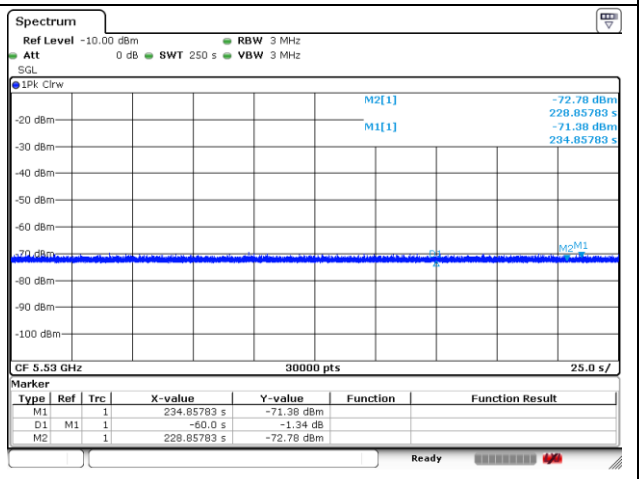
There is no deviation with the original standard.

3.3.7 Result of Channel Availability Check Time

<80MHz / 5290MHz>

EUT Power up and Initial Channel Availability Check Time	
	
Radar Burst at the Beginning of the Channel Availability Check Time	**Radar Burst at the End of the Channel Availability Check Time**
	

<80MHz / 5530MHz>

EUT Power up and Initial Channel Availability Check Time	
	
Radar Burst at the Beginning of the Channel Availability Check Time	**Radar Burst at the End of the Channel Availability Check Time**
	

3.4 In-Service Monitoring: Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period

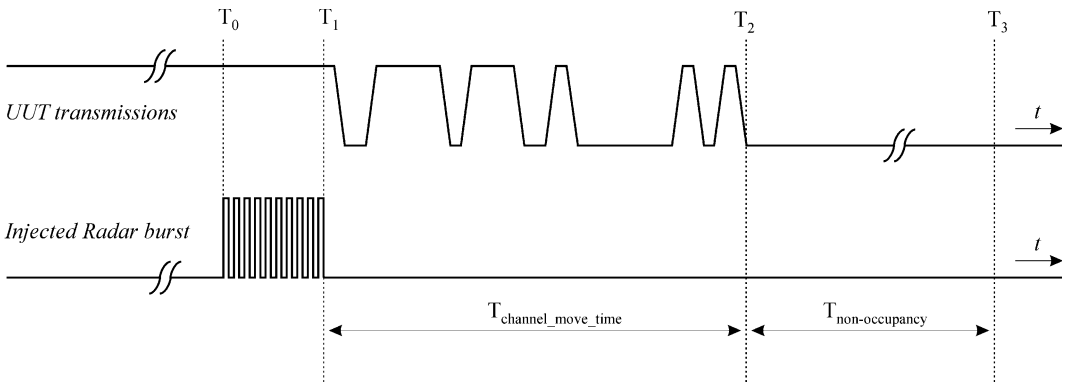
3.4.1 Limit of In-Service Monitoring

The EUT has In-Service Monitoring function to continuously monitor the radar signals, If radar is detected, it must leave the channel (Shutdown). The Channel Move Time to cease all transmissions on the current Channel upon detection of a Radar Waveform above the DFS Detection Threshold within 10 sec. The total duration of Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate Channel changes (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.
Non-Occupancy Period time is 30 minute during which a Channel will not be utilized after a Radar Waveform is detected on that Channel.

3.4.2 Test Procedures

(1) One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands. For 802.11 devices, the test frequency must contain control signals. This can be verified by disabling channel loading and monitoring the spectrum analyzer. If no control signals are detected, another frequency must be selected within the emission bandwidth where control signals are detected.
(2) In case the EUT is a Master Device, a U-NII device operating as a Client Device will be used and it is assumed that the Client will associate with the EUT (Master). For radiated tests, the emissions of the Radar Waveform generator will be directed towards the Master Device. If the Master Device has antenna gain, the main beam of the antenna will be directed toward the radar emitter. Vertical polarization is used for testing.
(3) The TCP protocol unicast data stream was generated by the iperf software command line with at least 17% activity ratio over any 100ms period.
(4) Timing plots are reported with calculations demonstrating a minimum channel loading of approximately 17% or greater. For example, channel loading can be estimated by setting the spectrum analyzer for zero span and approximate the Time On/ (Time On + Off Time).
(5) At time T0 the Radar Waveform generator sends a Burst of pulses for one of the Short Pulse Radar Types 1-4 at DFS Detection Threshold levels on the Operating Channel. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
(6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds. Measure and record the transmissions from the EUT during the observation time (Channel Move Time). Measure and record the Channel Move Time and Channel Closing Transmission Time if radar detection occurs.

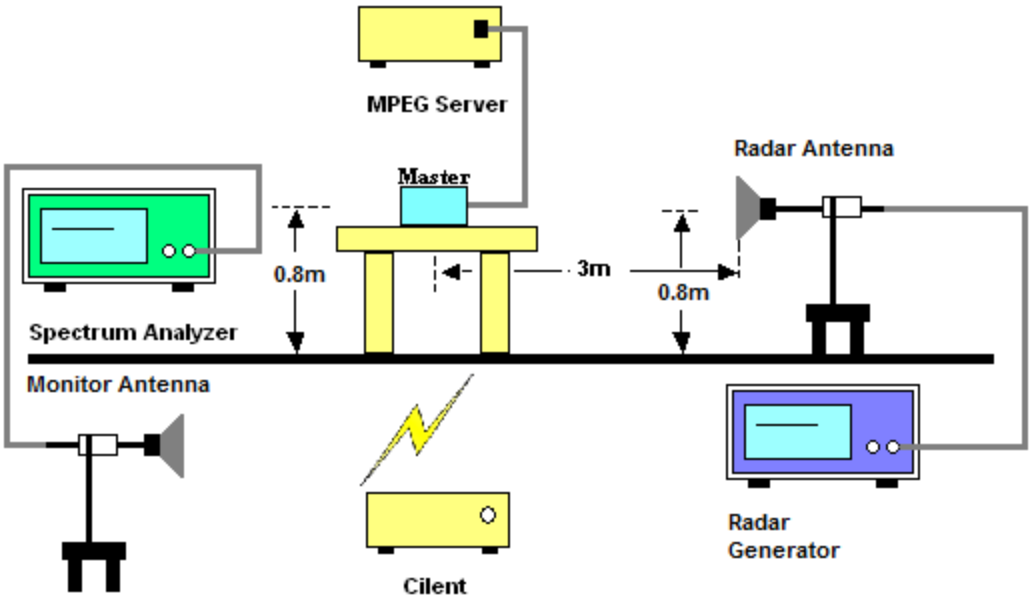
(7) When operating as a Master Device, monitor the EUT for more than 30 minutes following instant T2 to verify that the EUT does not resume any transmissions on this Channel. Perform this test once and record the measurement result.



(8) One 12 seconds plot is reported for the Short Pulse Radar Type 0.

(9) Measurement of the aggregate duration of the Channel Closing Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.4ms)= S (12000ms) / B (30000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is the sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.4 ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

3.4.3 Test Setup



3.4.4 Test Deviation

There is no deviation with the original standard.

3.4.5 Result of Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period for Client Beacon Test

Test Mode :	Master	Temperature :	20.4 ~ 22.4℃
Test Engineer :	Jordan Huang	Relative Humidity :	51 ~ 54%

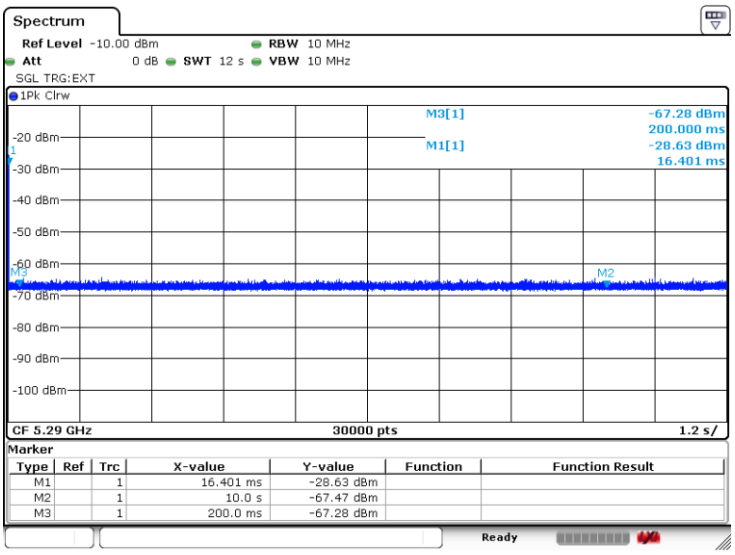
BW / Channel	Test Item	Test Result	Limit	Pass/Fail
80MHz / 5290MHz	Channel Move Time	0.016401 s	＜ 10s	Pass
	Channel Closing Transmission Time	200ms + 0 ms	＜ 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
80MHz / 5290MHz	Channel Move Time	0.0108 s	＜ 10s	Pass
	Channel Closing Transmission Time	200ms + 2.8001 ms	＜ 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass

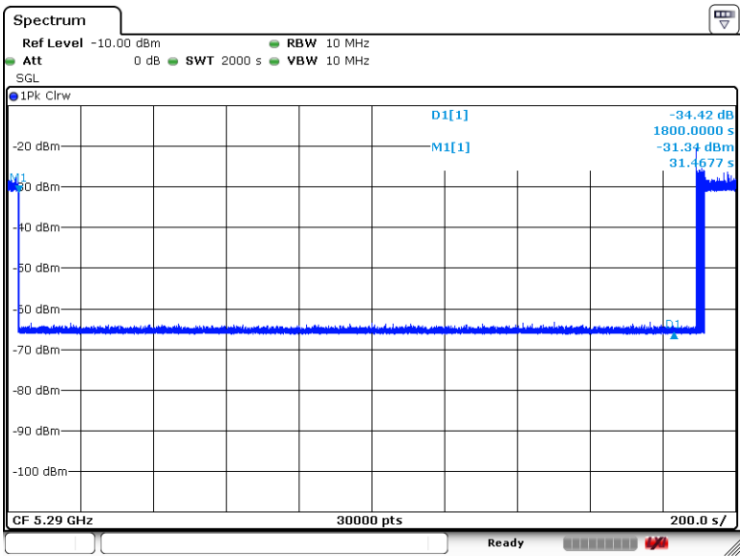
Note: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 seconds period. The aggregate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

3.4.6 Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Test Plots

<80MHz / 5290MHz> In-Service Monitoring
Channel Move Time & Channel Closing Transmission Time



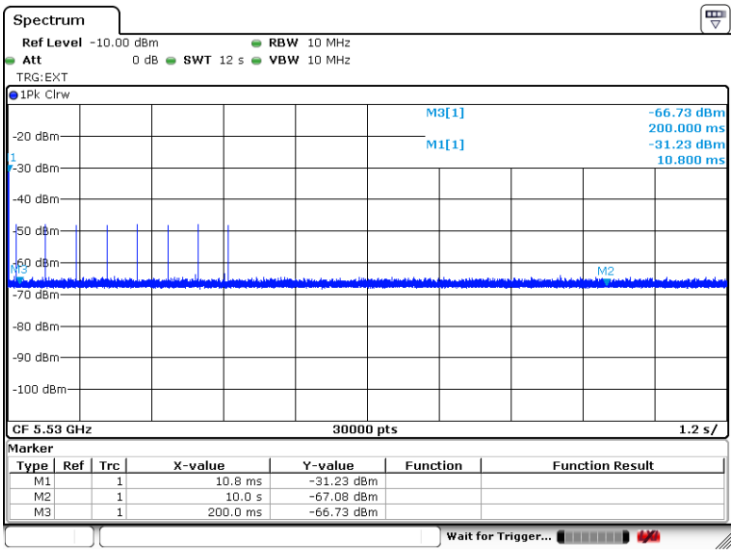
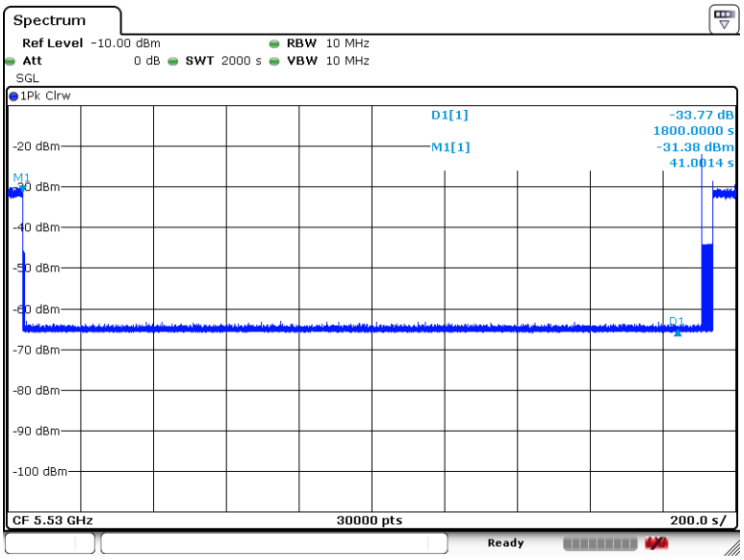
Non-Occupancy Period



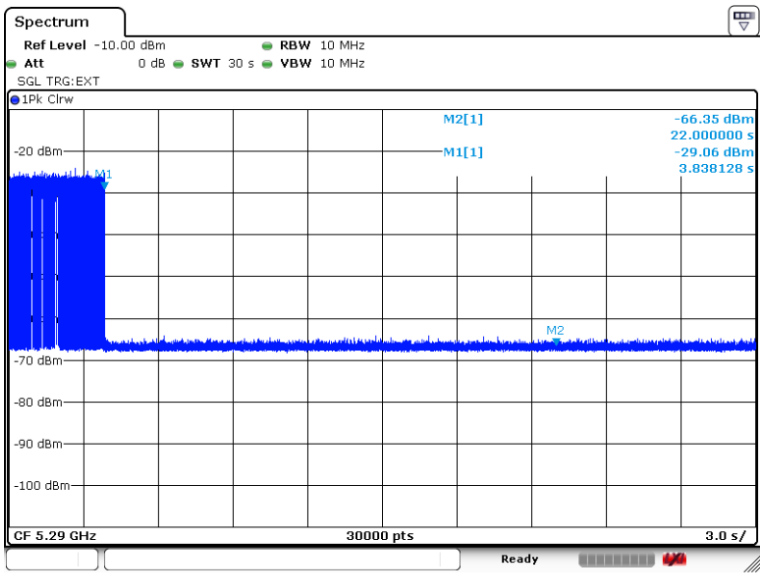
Note:

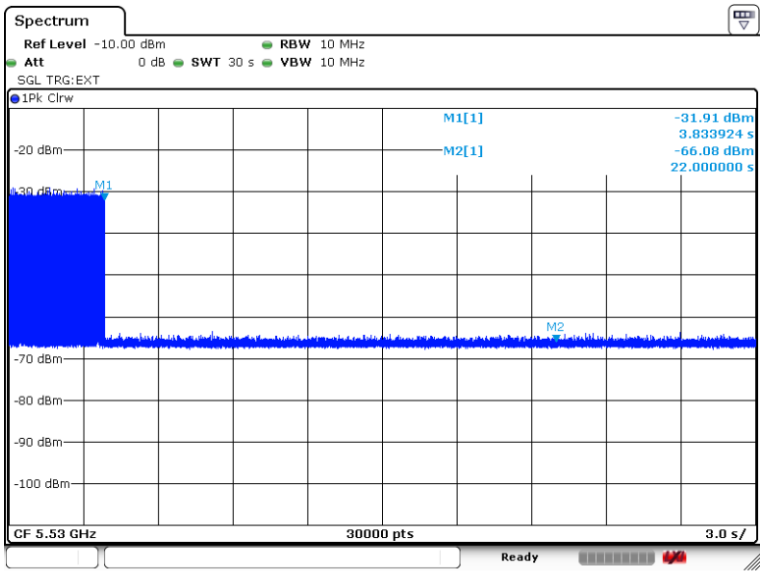
Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)

Channel Closing Transmission Time (200 + 0ms) = 200 + Number (0) X Dwell (0.4 ms) < 260ms

<80MHz / 5290MHz> In-Service Monitoring
Channel Move Time & Channel Closing Transmission Time

Non-Occupancy Period

Note: Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000) Channel Closing Transmission Time (200 + 0ms) = 200 + Number (7) X Dwell (0.4 ms) < 260ms

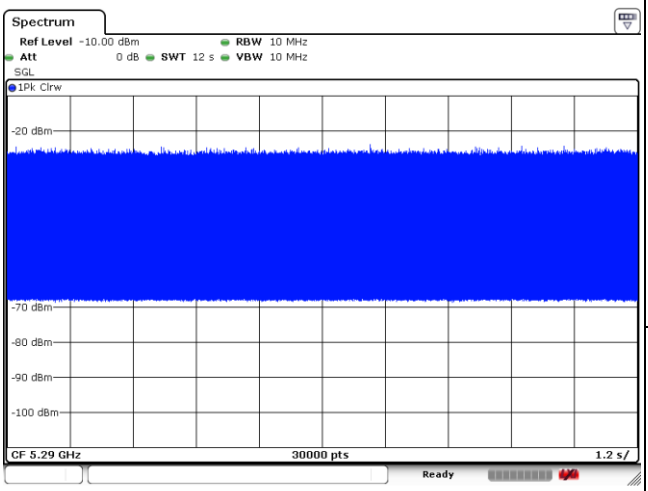
3.4.7 Long Pulsed Radar Type Channel Move Time Test Plots (22second)

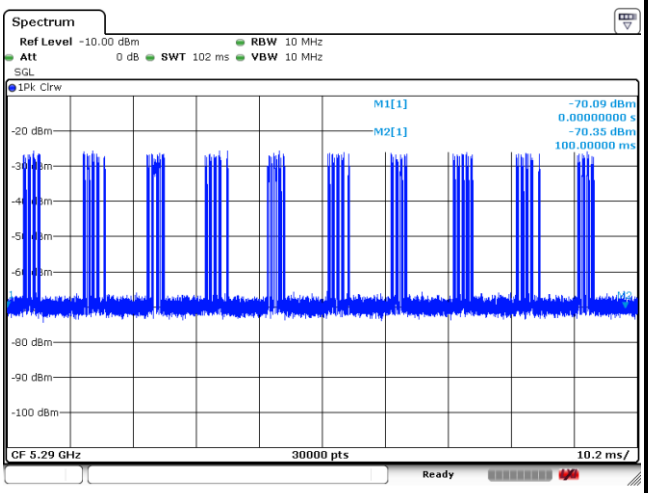
<80MHz / 5290MHz> Radar Type 5
Channel Move Time


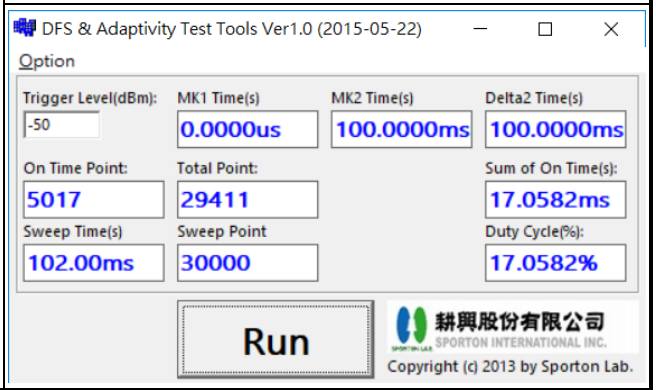
<80MHz / 5290MHz> Radar Type 5
Channel Move Time


3.4.8 Data Traffic Channel Loading and Noise Floor Plots

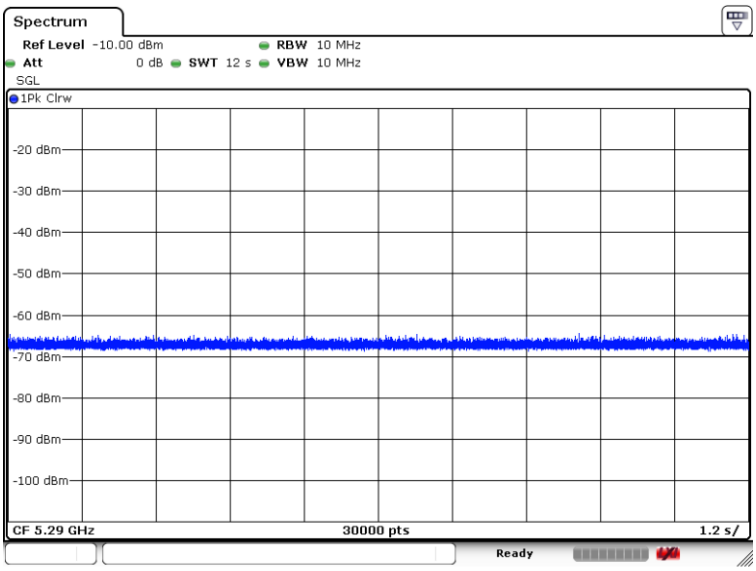
EUT data traffic (Master)	Channel Loading > 17% (Master)







Noise Floor (No transmission)



3.5 Statistical Performance Check

3.5.1 Limit of Statistical Performance Check

Short Pulse Radar Test

Once the performance requirements check is complete, statistical data will be gathered, to determine the ability of the device to detect the radar test waveforms (Short Pulse Radar Types 1-4) found in **Table 5**. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trials. The percentage of successful detection is calculated by:

$$\frac{TotalWaveformDetections}{TotalWaveformTrials} \times 100$$ = Percentage of Successful Detection *Radar Waveform* N = P_dN

In addition an aggregate minimum percentage of successful detection across all Short Pulse Radar Types 1-4 is required and is calculated as follows:

$$\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4}$$

The minimum number of trails, minimum percentage of successful detection and the aggregate minimum percentage of successful detection are found in **Table 5**.

Table 5 – Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
1	1	1428	18	60%	30
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

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 1 through 4. For Short Pulse Radar Type 0, the same waveform is used a minimum of 30 times. If more than 30 waveforms are used for Short Pulse Radar Types 1 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms.

Radar Type	Number of Trials	Number of Successful Detections	Minimum Percentage of Successful Detection
1	35	29	82.9%
2	30	18	60%
3	30	27	90%
4	50	44	88%
Aggregate (82.9% + 60% + 90% + 88%)/4 = 80.2%			

Long Pulse Radar Test

Statistical data will be gathered to determine the ability of the device to detect the Long Pulse Radar Type 5 found in **Table 6**. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trials.

Table 6 – Long Pulse Radar Test Waveform

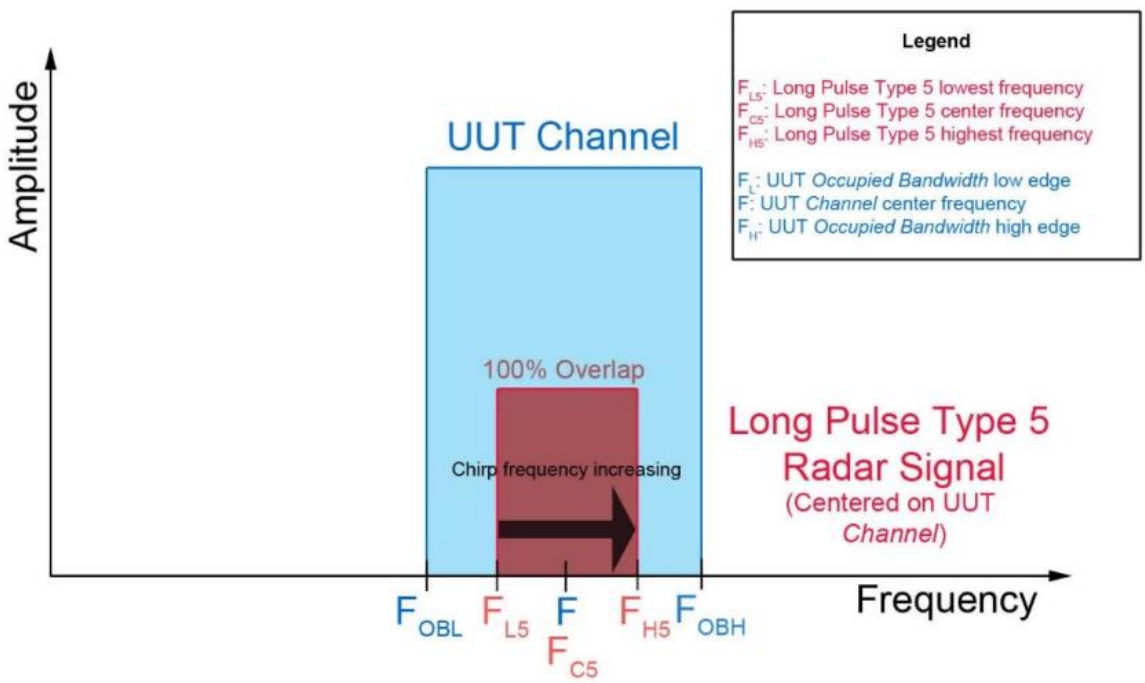
Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per *Burst*	Number of *Bursts*	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

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

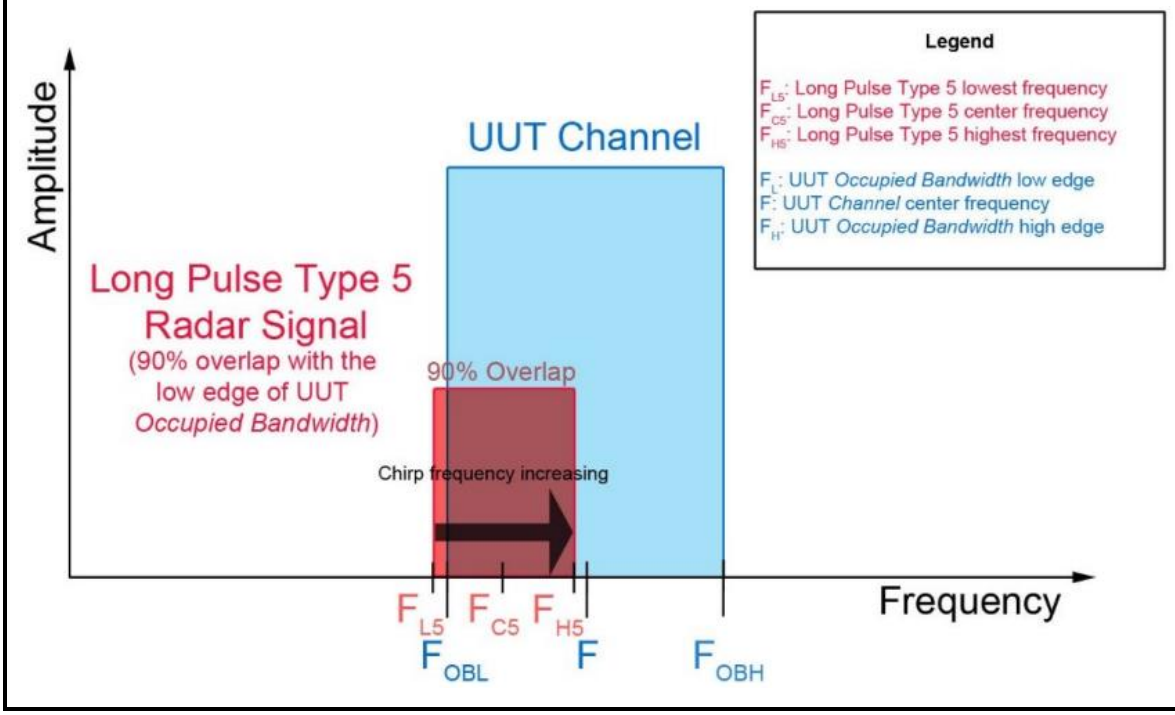
Three subsets of trials will be performed with a minimum of ten trials per subset.
The subset of trials differs in where the Long Pulse Type 5 Signal is tuned in frequency:
a) The Channel center frequency (subset case 1).
b) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the low edge of the UUT Occupied Bandwidth (subset case 2).
c) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the high edge of the UUT Occupied Bandwidth (subset case 3).

For subset case 1: the center frequency of the signal generator will remain fixed at the center of the UUT Channel.
For subset case 2: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 2. The center frequency of the signal generator for each trial is calculated by: $FL + (0.4 * Chirp\ Width\ [in\ MHz])$
For subset case 3: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 3. The center frequency of the signal generator for each trial is calculated by: $FH - (0.4 * Chirp\ Width\ [in\ MHz])$

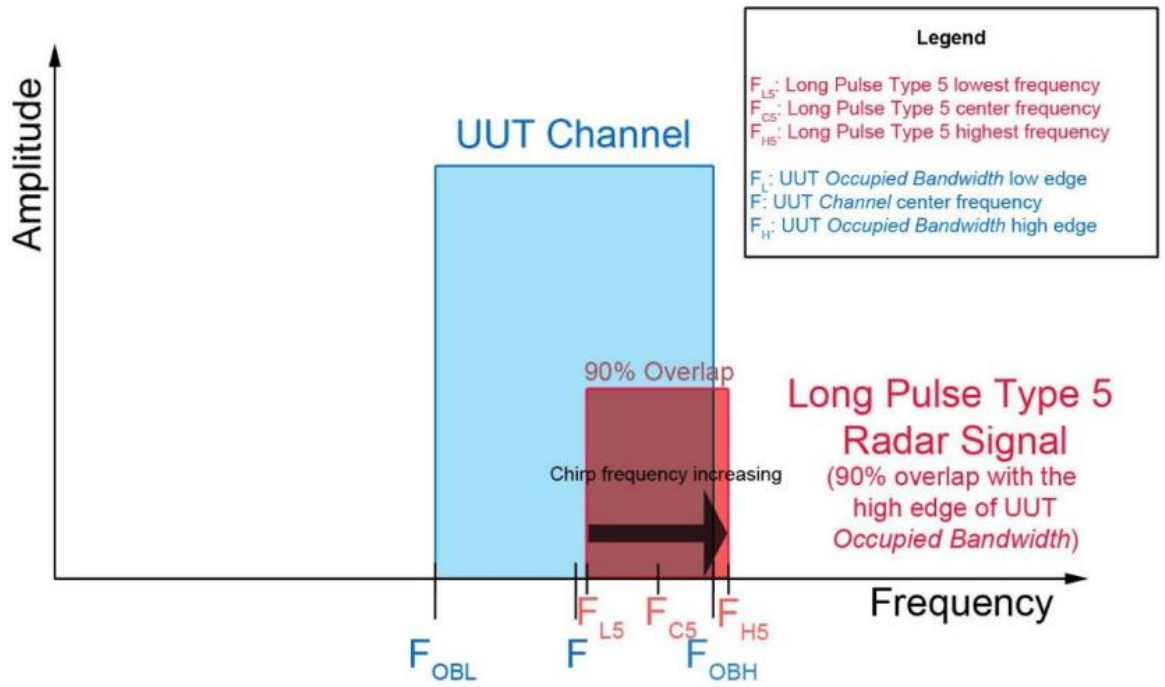
a) Channel center frequency (subset case 1)



b) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the low edge of the UUT Occupied Bandwidth. (subset case 2)



c) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the high edge of the UUT Occupied Bandwidth. (subset case 3)



The percentage of successful detection is calculated by:

$$\frac{TotalWaveformDetections}{TotalWaveformTrials} \times 100$$

Frequency Hopping Radar Test

Statistical data will be gathered to determine the ability of the device to detect the Frequency Hopping radar test signal (radar type 6) found in **Table 7**. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trial runs. The probability of successful detection is calculated by:

$$\frac{TotalWaveformDetections}{TotalWaveformTrials} \times 100$$

Table 7 – Frequency Hopping Radar Test Waveform

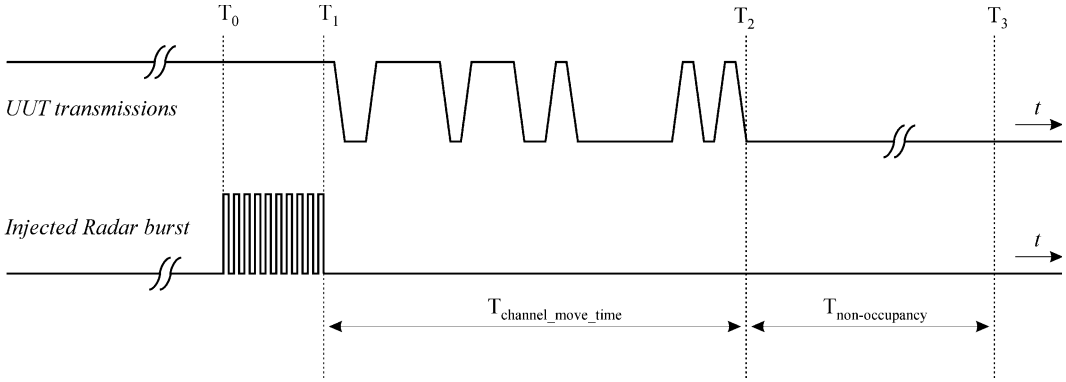
Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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

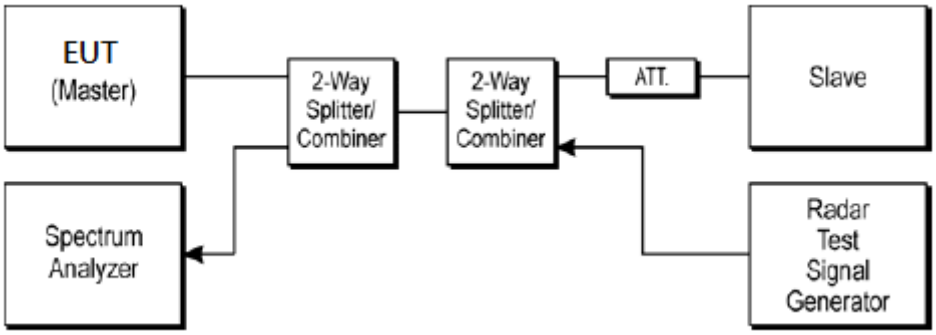
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues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

3.5.2 Test Procedures

(1) One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands.
(2) In case the EUT is a Master Device, a U-NII device operating as a Client Device will be used and it is assumed that the Client will associate with the EUT (Master). If the Master Device has antenna gain, the main beam of the antenna will be directed toward the radar emitter. Vertical polarization is used for testing.
(3) The TCP protocol unicast data stream was generated by the iperf software command line with at least 17% activity ratio over any 100ms period.
(4) At time T0 the Radar Waveform generator sends a Burst of pulses for each of the Radar Types 1-6 at DFS Detection Threshold levels on the Operating Channel. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
(5) Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 10 seconds for Short Pulse Radar Types 1-4 and 6 to ensure detection occurs.
(6) Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 22 seconds for Long Pulse Radar Type 5 to ensure detection occurs.



3.5.3 Test Setup



3.5.4 Test Deviation

There is no deviation with the original standard.

3.5.5 Result of Statistical Performance Check

<20MHz / 5300MHz>

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
2	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
7	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
8	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**30/30**	**30/30**	**30/30**	**30/30**	**30/30**
Probability (%)	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**100.00%** (>=80%)			

<40MHz /5310MHz>

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
2	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
7	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
8	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**30/30**	**30/30**	**30/30**	**30/30**	**30/30**
Probability (%)	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**100.00%** (>=80%)			

<80MHz / 5290MHz>

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
2	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
7	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
8	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**30/30**	**30/30**	**30/30**	**30/30**	**30/30**
Probability (%)	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**100.00%** (>=80%)			

<20MHz / 5500MHz>

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
2	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
7	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
8	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**30/30**	**30/30**	**30/30**	**30/30**	**30/30**
Probability (%)	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**100.00%** (>=80%)			

<40MHz / 5510MHz>

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
2	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
7	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
8	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**30/30**	**30/30**	**30/30**	**30/30**	**30/30**
Probability (%)	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**100.00%** (>=80%)			

<80MHz / 5530MHz>

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
2	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
7	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
8	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**30/30**	**30/30**	**30/30**	**30/30**	**30/30**
Probability (%)	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**100.00%** (>=80%)			

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Vector Generator	Keysight	N5182B	MY57300963	9KHz~6GHz	Feb. 25, 2020	Apr. 13, 2020~ Apr. 16, 2020	Feb. 24, 2021	DFS (DFS01-CA)
Spectrum Analyzer	R&S	FSV13	101559	10Hz~13.6GHz	Jun. 12, 2020	Apr. 13, 2020~ Apr. 16, 2020	Jun. 11, 2020	DFS (DFS01-CA)
Horn Antenna	SCHWARZBECK	9120D	9120D_02113	N/A	Jul. 22, 2020	Apr. 13, 2020~ Apr. 16, 2020	Jul. 21, 2020	DFS (DFS01-CA)
Horn Antenna	SCHWARZBECK	9120D	9120D_02115	N/A	Jul. 22, 2020	Apr. 13, 2020~ Apr. 16, 2020	Jul. 21, 2020	DFS (DFS01-CA)

Appendix A. DFS Radar Parameters

Report Number : FZ200302001

DFS Radar Parameters
FCC Radar Type 1
Channel 58 Bandwidth 80MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	21	1089.32	918	Y
2	19	1138.95	878	Y
3	7	1567.40	638	Y
4	9	1474.93	678	Y
5	16	1222.49	818	Y
6	2	1858.74	538	Y
7	10	1432.66	698	Y
8	14	1285.35	778	Y
9	12	326.16	3066	Y
10	17	1193.32	838	Y
11	3	1792.11	558	Y
12	8	1519.76	658	Y
13	18	1165.50	858	Y
14	11	1392.76	718	Y
15	5	1672.24	598	Y
16		494.56	2022	Y
17		644.33	1552	Y
18		755.29	1324	Y
19		516.53	1936	Y
20		549.45	1820	Y
21		360.49	2774	Y
22		411.35	2431	Y
23		1919.39	521	Y
24		335.68	2979	Y
25		346.98	2882	Y
26		1626.02	615	Y
27		571.76	1749	Y
28		439.37	2276	Y
29		985.22	1015	Y
30		634.92	1575	Y

Report Number : FZ200302001

DFS Radar Parameters
FCC Radar Type 2
Channel 58 Bandwidth 80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	27	3.30	227	Y
2	24	1.80	160	Y
3	28	4.40	194	Y
4	25	2.40	200	Y
5	28	4.00	150	Y
6	25	2.60	222	Y
7	25	2.60	161	Y
8	24	1.80	175	Y
9	25	2.30	215	Y
10	29	4.80	228	Y
11	27	3.70	217	Y
12	27	3.70	196	Y
13	28	4.50	202	Y
14	26	2.80	210	Y
15	28	4.30	153	Y
16	27	3.80	164	Y
17	23	1.50	159	Y
18	25	2.50	209	Y
19	29	4.80	195	Y
20	25	2.30	219	Y
21	25	2.20	181	Y
22	27	3.80	152	Y
23	24	1.70	157	Y
24	29	4.80	185	Y
25	23	1.30	198	Y
26	24	1.60	197	Y
27	25	2.60	163	Y
28	28	4.40	205	Y
29	25	2.10	167	Y
30	23	1.30	168	Y

DFS Radar Parameters
FCC Radar Type 3
Channel 58 Bandwidth 80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	8.30	473	Y
2	16	6.80	444	Y
3	18	9.40	252	Y
4	17	7.40	328	Y
5	18	9.00	367	Y
6	17	7.60	416	Y
7	17	7.60	379	Y
8	16	6.80	320	Y
9	16	7.30	336	Y
10	18	9.80	406	Y
11	18	8.70	472	Y
12	17	8.70	233	Y
13	18	9.50	454	Y
14	17	7.80	295	Y
15	18	9.30	377	Y
16	18	8.80	229	Y
17	16	6.50	337	Y
18	17	7.50	271	Y
19	18	9.80	452	Y
20	17	7.30	348	Y
21	16	7.20	481	Y
22	18	8.80	434	Y
23	16	6.70	240	Y
24	18	9.80	238	Y
25	16	6.30	227	Y
26	16	6.60	280	Y
27	17	7.60	425	Y
28	18	9.40	264	Y
29	16	7.10	300	Y
30	16	6.30	321	Y

Report Number : FZ200302001

DFS Radar Parameters
FCC Radar Type 4
Channel 58 Bandwidth 80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	16.30	473	Y
2	13	12.90	444	Y
3	16	18.70	252	Y
4	13	14.30	328	Y
5	15	17.70	367	Y
6	14	14.60	416	Y
7	14	14.70	379	Y
8	13	12.90	320	Y
9	13	13.90	336	Y
10	16	19.50	406	Y
11	15	17.10	472	Y
12	15	17.00	233	Y
13	16	18.70	454	Y
14	14	15.00	295	Y
15	16	18.40	377	Y
16	15	17.20	229	Y
17	12	12.20	337	Y
18	13	14.30	271	Y
19	16	19.40	452	Y
20	13	14.10	348	Y
21	13	13.80	481	Y
22	15	17.30	434	Y
23	12	12.60	240	Y
24	16	19.50	238	Y
25	12	11.80	227	Y
26	12	12.50	280	Y
27	13	14.60	425	Y
28	16	18.70	264	Y
29	13	13.60	300	Y
30	12	11.60	321	Y

Report Number : FZ200302001

DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5290			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	79.1	14	1208	-	1167
2	1	60.8	14	-	-	1446
3	3	92.6	14	1021	1642	1434
4	2	68.2	14	1760	-	1197
5	3	87.3	14	1978	1904	1746
6	2	70.3	14	1193	-	1868
7	2	70.7	14	1732	-	1876
8	1	60.5	14	-	-	1707
9	1	66.1	14	-	-	1519
10	3	97.3	14	1777	1513	1557
11	3	83.5	14	1810	1262	1143
12	2	83	14	1244	-	1401
13	3	92.8	14	1338	1844	1587
14	2	72.1	14	1075	-	1278
15	3	90.9	14	1635	1624	1860
16						
17						
18						
19						
20						

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5290			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.3	8	1958	1578	1469
2	1	56.7	8	-	-	1357
3	2	68.4	8	1529	-	1628
4	3	96.7	8	1070	1084	1176
5	2	67	8	1126	-	1850
6	1	65.7	8	-	-	1725
7	3	84.7	8	1003	1494	1464
8	1	58.9	8	-	-	1987
9	3	97	8	1118	1364	1116
10	1	54.8	8	-	-	1069
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5290			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.3	18	-	-	1323
2	2	69.9	18	1948	-	1612
3	3	92.5	18	1190	1436	1298
4	1	64.4	18	-	-	1304
5	1	53.7	18	-	-	1608
6	2	76.5	18	1671	-	1735
7	3	88.2	18	1726	1171	1522
8	1	63.6	18	-	-	1407
9	2	70.7	18	1893	-	1350
10	2	81.1	18	1601	-	1281
11	3	91.2	18	1059	1962	1696
12	1	62.9	18	-	-	1389
13	1	53.1	18	-	-	1678
14	2	79.9	18	1837	-	1033
15	2	68	18	1859	-	1846
16	2	73.6	18	1210	-	1415
17	1	58.9	18	-	-	1749
18	2	71.8	18	1808	-	1310
19	2	76.3	18	1599	-	1399
20						

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5290			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51	10	-	-	1632
2	3	95.1	10	1691	1093	1312
3	1	65.2	10	-	-	1874
4	2	66.9	10	1604	-	1717
5	2	81	10	1008	-	1179
6	3	83.9	10	1220	1532	1456
7	2	78	10	1833	-	1576
8	3	86.6	10	1227	1336	1768
9	3	95.9	10	1264	1652	1979
10	3	92.9	10	1875	1157	1812
11	3	85.4	10	1713	1751	1854
12	3	94.5	10	1714	1212	1320
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DFS Radar Parameters
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Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5290			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51.8	16	-	-	1580
2	3	95.6	16	1038	1455	1574
3	1	63.4	16	-	-	1188
4	2	78.9	16	1232	-	1729
5	1	50.3	16	-	-	1710
6	2	78.3	16	1381	-	1783
7	3	96.1	16	1066	1558	1222
8	1	62.4	16	-	-	1523
9	2	70.7	16	1649	-	1279
10	3	95.4	16	1666	1333	1985
11	2	69.4	16	1135	-	1433
12	2	72.1	16	1822	-	1949
13	3	91.1	16	1534	1414	1692
14	3	99.7	16	1537	1720	1968
15	2	71.4	16	1784	-	1639
16	1	53.6	16	-	-	1954
17	3	88.5	16	1056	1730	1002
18						
19						
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5290			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.6	11	1148	-	1774
2	3	93.5	11	1396	1809	1250
3	1	56.7	11	-	-	1871
4	1	62.9	11	-	-	1684
5	2	82.7	11	1344	-	1653
6	3	95.9	11	1926	1731	1549
7	1	59.8	11	-	-	1211
8	3	93.1	11	1258	1445	1132
9	1	53	11	-	-	1880
10	1	61.4	11	-	-	1174
11	2	80.6	11	1266	-	1568
12	2	75.8	11	1316	-	1426
13	3	89.9	11	1980	1284	1744
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DFS Radar Parameters
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Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5290			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.4	11	1521	1223	1606
2	2	70.8	11	1518	-	1921
3	3	85.3	11	1037	1581	1083
4	3	86.7	11	1391	1039	1331
5	3	89.4	11	1224	1496	1198
6	2	67.3	11	1242	-	1613
7	3	89.7	11	1365	1779	1681
8	1	50.9	11	-	-	1762
9	2	67.7	11	1101	-	1377
10	3	95.3	11	1853	1937	1382
11	1	62.9	11	-	-	1383
12	1	59.3	11	-	-	1636
13	1	55.5	11	-	-	1942
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5290			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	55.7	8	-	-	1928
2	2	75.7	8	1196	-	1060
3	3	93.2	8	1005	1520	1502
4	2	75.9	8	1049	-	1695
5	2	81.4	8	1866	-	1221
6	1	62.4	8	-	-	1819
7	2	74.3	8	1986	-	1562
8	3	98.1	8	1815	1327	1023
9	2	67.2	8	1397	-	1615
10	3	99.4	8	1792	1064	1375
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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5290			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.6	10	1778	-	1909
2	2	81.5	10	1366	-	1704
3	2	69.2	10	1255	-	1130
4	3	99.7	10	1861	1977	1996
5	1	53.6	10	-	-	1988
6	3	85.9	10	1830	1073	1898
7	3	97.4	10	1209	1360	1869
8	2	66.8	10	1481	-	1074
9	1	65.4	10	-	-	1626
10	3	86.6	10	1302	1352	1313
11	2	80.9	10	1380	-	1527
12	1	52.9	10	-	-	1468
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19						
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5290			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.7	20	1903	1567	1884
2	3	86.8	20	1368	1449	1024
3	1	54.4	20	-	-	1856
4	1	60.3	20	-	-	1538
5	1	54	20	-	-	1029
6	1	63.9	20	-	-	1956
7	3	87.6	20	1583	1552	1605
8	1	60.9	20	-	-	1201
9	3	98.2	20	1091	1972	1569
10	3	93.9	20	1108	1297	1999
11	1	53.5	20	-	-	1078
12	2	77.1	20	1081	-	1053
13	3	90.2	20	1646	1068	1905
14	3	84.1	20	1993	1230	1104
15	3	100	20	1169	1013	1057
16	2	77.2	20	1308	-	1715
17	2	80.1	20	1120	-	1584
18	2	68.1	20	1296	-	1129
19	1	51.4	20	-	-	1014
20	3	91.9	20	1404	1289	1100

DFS Radar Parameters
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5258			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.1	15	1163	-	1498
2	2	71.4	15	1271	-	1027
3	1	56.7	15	-	-	1797
4	1	55.1	15	-	-	1290
5	2	70.1	15	1510	-	1026
6	2	67.6	15	1137	-	1479
7	3	86.1	15	1512	1175	1973
8	1	65	15	-	-	1346
9	2	70.3	15	1249	-	1395
10	2	78.5	15	1257	-	1218
11	3	97.5	15	1035	1983	1168
12	2	72.8	15	1158	-	1754
13	2	74.7	15	1975	-	1330
14	1	52.7	15	-	-	1435
15	2	77	15	1483	-	1881
16	1	56.3	15	-	-	1989
17						
18						
19						
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5258			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	71.4	71.4	1051	-	1122
2	2	71	71	1063	-	1422
3	1	58.4	58.4	-	-	1847
4	1	60.4	60.4	-	-	1385
5	1	60.4	60.4	-	-	1701
6	1	56.3	56.3	-	-	1114
7	1	51.1	51.1	-	-	1405
8	3	84.8	84.8	1306	1540	1634
9	2	77.9	77.9	1508	-	1814
10	3	92.1	92.1	1187	1162	1092
11	1	59.5	59.5	-	-	1379
12	2	69.5	69.5	1997	-	1402
13	3	85.9	85.9	1182	1865	1791
14	2	70.2	70.2	1451	-	1526
15	3	86.7	86.7	1447	1598	1798
16	3	97.3	97.3	1877	1719	1321
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DFS Radar Parameters
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5259.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	85.1	18	1698	1721	1998
2	3	89.1	18	1897	1022	1669
3	2	77.9	18	1944	-	1373
4	2	77.2	18	1117	-	1030
5	2	80.1	18	1670	-	1840
6	3	99.4	18	1643	1772	1062
7	3	90.2	18	1542	1361	1820
8	3	86.4	18	1491	1448	1152
9	2	77.8	18	1867	-	1702
10	2	72.5	18	1400	-	1419
11	3	90.6	18	1602	1328	1959
12	2	69.7	18	1413	-	1896
13	3	96.4	18	1055	1334	1992
14	2	80.8	18	1857	-	1546
15	1	52.3	18	-	-	1803
16	3	87.4	18	1679	1358	1957
17	1	57.1	18	-	-	1050
18	3	93.6	18	1412	1551	1337
19	1	55.7	18	-	-	1533
20						

Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5256.8			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59	12	-	-	1680
2	1	59.7	12	-	-	1495
3	3	91.1	12	1807	1226	1259
4	2	81.4	12	1966	-	1484
5	2	68.7	12	1359	-	1254
6	2	70.2	12	1805	-	1644
7	2	71.9	12	1614	-	1127
8	2	77.2	12	1747	-	1742
9	2	78	12	1207	-	1347
10	1	58.1	12	-	-	1216
11	1	66.6	12	-	-	1622
12	2	79.2	12	1918	-	1782
13	1	50.1	12	-	-	1345
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Channel 58 Bandwidth 80MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5259.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.8	18	1743	1238	1882
2	1	50.2	18	-	-	1536
3	3	87.7	18	1640	1425	1090
4	3	85.7	18	1763	1925	2000
5	2	74.9	18	1899	-	1113
6	3	99.9	18	1332	1001	1596
7	2	76.3	18	1600	-	1914
8	2	72.1	18	1911	-	1935
9	2	80.8	18	1124	-	1493
10	2	72.1	18	1314	-	1291
11	2	82.6	18	1963	-	1353
12	3	88	18	1461	1205	1924
13	1	65.8	18	-	-	1565
14	2	81.5	18	1752	-	1780
15	3	88.4	18	1831	1727	1233
16	3	97.1	18	1748	1739	1543
17	3	89.8	18	1269	1801	1769
18	2	72.2	18	1693	-	1799
19						
20						

Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5258			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	62.4	15	-	-	1371
2	3	92.4	15	1561	1700	1139
3	1	64.4	15	-	-	1408
4	2	77.6	15	1006	-	1052
5	3	87.6	15	1109	1842	1295
6	3	94.1	15	1294	1509	1450
7	1	57.7	15	-	-	1621
8	1	59.1	15	-	-	1192
9	1	57	15	-	-	1995
10	1	58.1	15	-	-	1322
11	2	72.1	15	1838	-	1816
12	1	62.2	15	-	-	1439
13	2	78.3	15	1043	-	1864
14	1	61.2	15	-	-	1515
15	3	93.4	15	1299	1892	1301
16	3	90.4	15	1902	1559	1775
17						
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19						
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5254.8			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.9	7	1505	-	1563
2	3	96.2	7	1277	1200	1115
3	3	93.2	7	1839	1676	1096
4	2	66.7	7	1463	-	1781
5	1	62.4	7	-	-	1984
6	1	57.3	7	-	-	1672
7	2	67.2	7	1994	-	1835
8	3	83.7	7	1528	1936	1708
9	2	78.3	7	1000	-	1525
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5256			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.6	10	1047	1724	1894
2	1	58.5	10	-	-	1420
3	3	93.4	10	1019	1103	1251
4	1	52.9	10	-	-	1042
5	3	88.8	10	1548	1530	1907
6	3	83.5	10	1663	1800	1011
7	2	80.1	10	1629	-	1204
8	3	88.3	10	1947	1825	1470
9	3	85.9	10	1758	1738	1588
10	1	54.2	10	-	-	1460
11	3	86.8	10	1891	1919	1953
12	3	85.7	10	1348	1386	1098
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5259.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	64.1	19	-	-	1821
2	1	62.6	19	-	-	1773
3	3	93.6	19	1349.000	1410.000	1952
4	2	78	19	1112.000	-	1072
5	1	65.8	19	-	-	1723
6	3	92.9	19	1573.000	1806.000	1149
7	2	68.1	19	1123.000	-	1544
8	1	50	19	-	-	1625
9	2	68.6	19	1941.000	-	1960
10	3	93.9	19	1734.000	1796.000	1718
11	2	71.4	19	1199.000	-	1480
12	3	94.6	19	1547.000	1969.000	1239
13	2	75.4	19	1795.000	-	1650
14	1	53.6	19	-	-	1728
15	3	92.3	19	1765.000	1674.000	1261
16	1	53.9	19	-	-	1929
17	2	73	19	1183.000	-	1901
18	1	59.7	19	-	-	1293
19	1	55.1	19	-	-	1750
20	2	75.1	19	1610.000	-	1248

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5256			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	80.8	10	1655	-	1362
2	3	99.4	10	1253	1593	1440
3	3	100	10	1570	1430	1234
4	3	85.5	10	1722	1970	1788
5	1	64.3	10	-	-	1240
6	1	56.1	10	-	-	1786
7	2	68.2	10	1079	-	1932
8	2	74.6	10	1015	-	1185
9	3	92	10	1243	1466	1315
10	2	73.9	10	1032	-	1789
11	3	92.4	10	1215	1623	1156
12	1	56.9	10	-	-	1048
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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5324			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56.6	10	-	-	1503
2	1	54.7	10	-	-	1099
3	1	63.7	10	-	-	1916
4	3	83.6	10	1823	1474	1325
5	3	99.6	10	1940	1458	1180
6	3	88.8	10	1776	1275	1566
7	3	96.7	10	1564	1571	1206
8	1	64.4	10	-	-	1654
9	3	99.2	10	1154	1609	1181
10	3	83.6	10	1753	1535	1787
11	1	59.6	10	-	-	1497
12	3	93.8	10	1813	1490	1499
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5321.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.2	16	1237	1477	1541
2	3	98.9	16	1829	1340	1300
3	2	77.6	16	1487	-	1817
4	3	85.1	16	1177	1329	1951
5	3	91.3	16	1931	1285	1845
6	2	76.2	16	1153	-	1492
7	1	65.3	16	-	-	1236
8	2	76.1	16	1161	-	1506
9	3	99.2	16	1607	1012	1504
10	1	61.7	16	-	-	1438
11	1	54.9	16	-	-	1133
12	1	64.8	16	-	-	1637
13	1	62.6	16	-	-	1273
14	1	58.1	16	-	-	1971
15	1	63.6	16	-	-	1660
16	1	59.6	16	-	-	1631
17	2	74.6	16	1394	-	1392
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5325.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	93.6	7	1324	1711	1146
2	1	58	7	-	-	1311
3	3	94.8	7	1416	1611	1887
4	1	51.4	7	-	-	1268
5	1	64.4	7	-	-	1452
6	3	88	7	1594	1955	1687
7	2	70.7	7	1025	-	1591
8	3	89.9	7	1080	1930	1247
9	1	58.7	7	-	-	1044
10	1	54.3	7	-	-	1195
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5320			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.2	20	1427	1246	1555
2	1	63.1	20	-	-	1286
3	3	90.7	20	1688	1482	1883
4	2	76	20	1007	-	1834
5	3	97.2	20	1142	1889	1228
6	3	89.8	20	1517	1194	1683
7	1	56.2	20	-	-	1501
8	3	98.4	20	1686	1740	1554
9	1	65.5	20	-	-	1270
10	2	78.6	20	1641	-	1488
11	2	83.1	20	1343	-	1915
12	2	83.3	20	1151	-	2000
13	1	65.7	20	-	-	1927
14	1	58.6	20	-	-	1590
15	1	66.2	20	-	-	1287
16	1	57.8	20	-	-	1550
17	3	95	20	1170	1759	1682
18	3	99.8	20	1335	1638	1737
19	3	99	20	1453	1756	1761
20	2	70.9	20	1085	-	1131

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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5325.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.5	6	1166	1923	1241
2	2	75.1	6	1974	-	1009
3	3	87	6	1305	1202	1164
4	3	89.9	6	1771	1363	1620
5	1	55.5	6	-	-	1421
6	2	75.6	6	1886	-	1976
7	1	64.9	6	-	-	1716
8	3	92.3	6	1159	1862	1229
9	2	72.7	6	1376	-	1356
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5325.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.8	7	-	-	1087
2	1	56.8	7	-	-	1020
3	3	95.3	7	1388	1766	1582
4	2	82.6	7	1186	-	1878
5	2	71.8	7	1472	-	1467
6	2	81.1	7	1946	-	1160
7	1	63	7	-	-	1912
8	1	58.5	7	-	-	1603
9	3	85.7	7	1136	1848	1082
10	1	57.7	7	-	-	1824
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5323.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.1	11	1785	-	1041
2	1	56.3	11	-	-	1178
3	1	59.7	11	-	-	1378
4	3	98.2	11	1017	1736	1945
5	2	81.1	11	1214	-	1888
6	3	91.5	11	1442	1658	1054
7	1	60.2	11	-	-	1354
8	3	92.3	11	1697	1058	1173
9	3	86.1	11	1982	1355	1627
10	3	85.3	11	1431	1036	1843
11	1	56.6	11	-	-	1699
12	3	93.1	11	1485	1685	1045
13	2	70.9	11	1203	-	1577
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5320.8			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91	18	1094	1418	1004
2	3	87.8	18	1105	1934	1459
3	1	62.8	18	-	-	1276
4	1	59.1	18	-	-	1741
5	2	76.2	18	1406	-	1265
6	1	50.7	18	-	-	1318
7	2	70.4	18	1950	-	1870
8	2	71.6	18	1454	-	1579
9	2	74.8	18	1128	-	1524
10	1	63.9	18	-	-	1890
11	2	75.6	18	1545	-	1657
12	1	54.6	18	-	-	1280
13	2	71.8	18	1263	-	1885
14	3	87.9	18	1437	1920	1556
15	1	50.7	18	-	-	1071
16	3	94	18	1369	1895	1423
17	2	77.6	18	1964	-	1900
18	1	53.2	18	-	-	1858
19	3	99.3	18	1106	1119	1409
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5324.4			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59.2	9	-	-	1309
2	3	92.1	9	1417	1367	1745
3	2	73.8	9	1539	-	1794
4	1	64.5	9	-	-	1040
5	2	81.7	9	1086	-	1514
6	2	77	9	1225	-	1165
7	1	55.9	9	-	-	1645
8	3	98.5	9	1938	1374	1961
9	3	95.4	9	1138	1411	1272
10	2	83.3	9	1140	-	1145
11	2	78.8	9	1689	-	1585
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5325.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	57	6	-	-	1489
2	1	66.1	6	-	-	1339
3	2	67.8	6	1476	-	1664
4	3	86	6	1706	1457	1274
5	1	54.2	6	-	-	1906
6	3	94.8	6	1471	1662	1260
7	1	58.9	6	-	-	1790
8	2	72	6	1172	-	1836
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DFS Radar Parameters
FCC Radar Type 1
Channel 60 Bandwidth 20MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	21	1089.32	918	Y
2	19	1138.95	878	Y
3	7	1567.40	638	Y
4	9	1474.93	678	Y
5	16	1222.49	818	Y
6	2	1858.74	538	Y
7	10	1432.66	698	Y
8	14	1285.35	778	Y
9	12	326.16	3066	Y
10	17	1193.32	838	Y
11	3	1792.11	558	Y
12	8	1519.76	658	Y
13	18	1165.50	858	Y
14	11	1392.76	718	Y
15	5	1672.24	598	Y
16		494.56	2022	Y
17		644.33	1552	Y
18		755.29	1324	Y
19		516.53	1936	Y
20		549.45	1820	Y
21		360.49	2774	Y
22		411.35	2431	Y
23		1919.39	521	Y
24		335.68	2979	Y
25		346.98	2882	Y
26		1626.02	615	Y
27		571.76	1749	Y
28		439.37	2276	Y
29		985.22	1015	Y
30		634.92	1575	Y

DFS Radar Parameters
FCC Radar Type 2
Channel 60 Bandwidth 20MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	27	3.30	227	Y
2	24	1.80	160	Y
3	28	4.40	194	Y
4	25	2.40	200	Y
5	28	4.00	150	Y
6	25	2.60	222	Y
7	25	2.60	161	Y
8	24	1.80	175	Y
9	25	2.30	215	Y
10	29	4.80	228	Y
11	27	3.70	217	Y
12	27	3.70	196	Y
13	28	4.50	202	Y
14	26	2.80	210	Y
15	28	4.30	153	Y
16	27	3.80	164	Y
17	23	1.50	159	Y
18	25	2.50	209	Y
19	29	4.80	195	Y
20	25	2.30	219	Y
21	25	2.20	181	Y
22	27	3.80	152	Y
23	24	1.70	157	Y
24	29	4.80	185	Y
25	23	1.30	198	Y
26	24	1.60	197	Y
27	25	2.60	163	Y
28	28	4.40	205	Y
29	25	2.10	167	Y
30	23	1.30	168	Y

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DFS Radar Parameters
FCC Radar Type 3
Channel 60 Bandwidth 20MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	8.30	473	Y
2	16	6.80	444	Y
3	18	9.40	252	Y
4	17	7.40	328	Y
5	18	9.00	367	Y
6	17	7.60	416	Y
7	17	7.60	379	Y
8	16	6.80	320	Y
9	16	7.30	336	Y
10	18	9.80	406	Y
11	18	8.70	472	Y
12	17	8.70	233	Y
13	18	9.50	454	Y
14	17	7.80	295	Y
15	18	9.30	377	Y
16	18	8.80	229	Y
17	16	6.50	337	Y
18	17	7.50	271	Y
19	18	9.80	452	Y
20	17	7.30	348	Y
21	16	7.20	481	Y
22	18	8.80	434	Y
23	16	6.70	240	Y
24	18	9.80	238	Y
25	16	6.30	227	Y
26	16	6.60	280	Y
27	17	7.60	425	Y
28	18	9.40	264	Y
29	16	7.10	300	Y
30	16	6.30	321	Y

DFS Radar Parameters
FCC Radar Type 4

Channel 60 Bandwidth 20MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	16.30	473	Y
2	13	12.90	444	Y
3	16	18.70	252	Y
4	13	14.30	328	Y
5	15	17.70	367	Y
6	14	14.60	416	Y
7	14	14.70	379	Y
8	13	12.90	320	Y
9	13	13.90	336	Y
10	16	19.50	406	Y
11	15	17.10	472	Y
12	15	17.00	233	Y
13	16	18.70	454	Y
14	14	15.00	295	Y
15	16	18.40	377	Y
16	15	17.20	229	Y
17	12	12.20	337	Y
18	13	14.30	271	Y
19	16	19.40	452	Y
20	13	14.10	348	Y
21	13	13.80	481	Y
22	15	17.30	434	Y
23	12	12.60	240	Y
24	16	19.50	238	Y
25	12	11.80	227	Y
26	12	12.50	280	Y
27	13	14.60	425	Y
28	16	18.70	264	Y
29	13	13.60	300	Y
30	12	11.60	321	Y

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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5300			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	79.1	14	1208	-	1167
2	1	60.8	14	-	-	1446
3	3	92.6	14	1021	1642	1434
4	2	68.2	14	1760	-	1197
5	3	87.3	14	1978	1904	1746
6	2	70.3	14	1193	-	1868
7	2	70.7	14	1732	-	1876
8	1	60.5	14	-	-	1707
9	1	66.1	14	-	-	1519
10	3	97.3	14	1777	1513	1557
11	3	83.5	14	1810	1262	1143
12	2	83	14	1244	-	1401
13	3	92.8	14	1338	1844	1587
14	2	72.1	14	1075	-	1278
15	3	90.9	14	1635	1624	1860
16						
17						
18						
19						
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5300			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.3	8	1958	1578	1469
2	1	56.7	8	-	-	1357
3	2	68.4	8	1529	-	1628
4	3	96.7	8	1070	1084	1176
5	2	67	8	1126	-	1850
6	1	65.7	8	-	-	1725
7	3	84.7	8	1003	1494	1464
8	1	58.9	8	-	-	1987
9	3	97	8	1118	1364	1116
10	1	54.8	8	-	-	1069
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5300			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.3	18	-	-	1323
2	2	69.9	18	1948	-	1612
3	3	92.5	18	1190	1436	1298
4	1	64.4	18	-	-	1304
5	1	53.7	18	-	-	1608
6	2	76.5	18	1671	-	1735
7	3	88.2	18	1726	1171	1522
8	1	63.6	18	-	-	1407
9	2	70.7	18	1893	-	1350
10	2	81.1	18	1601	-	1281
11	3	91.2	18	1059	1962	1696
12	1	62.9	18	-	-	1389
13	1	53.1	18	-	-	1678
14	2	79.9	18	1837	-	1033
15	2	68	18	1859	-	1846
16	2	73.6	18	1210	-	1415
17	1	58.9	18	-	-	1749
18	2	71.8	18	1808	-	1310
19	2	76.3	18	1599	-	1399
20						

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5300			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51	10	-	-	1632
2	3	95.1	10	1691	1093	1312
3	1	65.2	10	-	-	1874
4	2	66.9	10	1604	-	1717
5	2	81	10	1008	-	1179
6	3	83.9	10	1220	1532	1456
7	2	78	10	1833	-	1576
8	3	86.6	10	1227	1336	1768
9	3	95.9	10	1264	1652	1979
10	3	92.9	10	1875	1157	1812
11	3	85.4	10	1713	1751	1854
12	3	94.5	10	1714	1212	1320
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5300			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51.8	16	-	-	1580
2	3	95.6	16	1038	1455	1574
3	1	63.4	16	-	-	1188
4	2	78.9	16	1232	-	1729
5	1	50.3	16	-	-	1710
6	2	78.3	16	1381	-	1783
7	3	96.1	16	1066	1558	1222
8	1	62.4	16	-	-	1523
9	2	70.7	16	1649	-	1279
10	3	95.4	16	1666	1333	1985
11	2	69.4	16	1135	-	1433
12	2	72.1	16	1822	-	1949
13	3	91.1	16	1534	1414	1692
14	3	99.7	16	1537	1720	1968
15	2	71.4	16	1784	-	1639
16	1	53.6	16	-	-	1954
17	3	88.5	16	1056	1730	1002
18						
19						
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5300			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.6	11	1148	-	1774
2	3	93.5	11	1396	1809	1250
3	1	56.7	11	-	-	1871
4	1	62.9	11	-	-	1684
5	2	82.7	11	1344	-	1653
6	3	95.9	11	1926	1731	1549
7	1	59.8	11	-	-	1211
8	3	93.1	11	1258	1445	1132
9	1	53	11	-	-	1880
10	1	61.4	11	-	-	1174
11	2	80.6	11	1266	-	1568
12	2	75.8	11	1316	-	1426
13	3	89.9	11	1980	1284	1744
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5300			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.4	11	1521	1223	1606
2	2	70.8	11	1518	-	1921
3	3	85.3	11	1037	1581	1083
4	3	86.7	11	1391	1039	1331
5	3	89.4	11	1224	1496	1198
6	2	67.3	11	1242	-	1613
7	3	89.7	11	1365	1779	1681
8	1	50.9	11	-	-	1762
9	2	67.7	11	1101	-	1377
10	3	95.3	11	1853	1937	1382
11	1	62.9	11	-	-	1383
12	1	59.3	11	-	-	1636
13	1	55.5	11	-	-	1942
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5300			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	55.7	8	-	-	1928
2	2	75.7	8	1196	-	1060
3	3	93.2	8	1005	1520	1502
4	2	75.9	8	1049	-	1695
5	2	81.4	8	1866	-	1221
6	1	62.4	8	-	-	1819
7	2	74.3	8	1986	-	1562
8	3	98.1	8	1815	1327	1023
9	2	67.2	8	1397	-	1615
10	3	99.4	8	1792	1064	1375
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5300			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.6	10	1778	-	1909
2	2	81.5	10	1366	-	1704
3	2	69.2	10	1255	-	1130
4	3	99.7	10	1861	1977	1996
5	1	53.6	10	-	-	1988
6	3	85.9	10	1830	1073	1898
7	3	97.4	10	1209	1360	1869
8	2	66.8	10	1481	-	1074
9	1	65.4	10	-	-	1626
10	3	86.6	10	1302	1352	1313
11	2	80.9	10	1380	-	1527
12	1	52.9	10	-	-	1468
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5300			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.7	20	1903	1567	1884
2	3	86.8	20	1368	1449	1024
3	1	54.4	20	-	-	1856
4	1	60.3	20	-	-	1538
5	1	54	20	-	-	1029
6	1	63.9	20	-	-	1956
7	3	87.6	20	1583	1552	1605
8	1	60.9	20	-	-	1201
9	3	98.2	20	1091	1972	1569
10	3	93.9	20	1108	1297	1999
11	1	53.5	20	-	-	1078
12	2	77.1	20	1081	-	1053
13	3	90.2	20	1646	1068	1905
14	3	84.1	20	1993	1230	1104
15	3	100	20	1169	1013	1057
16	2	77.2	20	1308	-	1715
17	2	80.1	20	1120	-	1584
18	2	68.1	20	1296	-	1129
19	1	51.4	20	-	-	1014
20	3	91.9	20	1404	1289	1100

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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5297			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.1	15	1163	-	1498
2	2	71.4	15	1271	-	1027
3	1	56.7	15	-	-	1797
4	1	55.1	15	-	-	1290
5	2	70.1	15	1510	-	1026
6	2	67.6	15	1137	-	1479
7	3	86.1	15	1512	1175	1973
8	1	65	15	-	-	1346
9	2	70.3	15	1249	-	1395
10	2	78.5	15	1257	-	1218
11	3	97.5	15	1035	1983	1168
12	2	72.8	15	1158	-	1754
13	2	74.7	15	1975	-	1330
14	1	52.7	15	-	-	1435
15	2	77	15	1483	-	1881
16	1	56.3	15	-	-	1989
17						
18						
19						
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5297			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	71.4	71.4	1051	-	1122
2	2	71	71	1063	-	1422
3	1	58.4	58.4	-	-	1847
4	1	60.4	60.4	-	-	1385
5	1	60.4	60.4	-	-	1701
6	1	56.3	56.3	-	-	1114
7	1	51.1	51.1	-	-	1405
8	3	84.8	84.8	1306	1540	1634
9	2	77.9	77.9	1508	-	1814
10	3	92.1	92.1	1187	1162	1092
11	1	59.5	59.5	-	-	1379
12	2	69.5	69.5	1997	-	1402
13	3	85.9	85.9	1182	1865	1791
14	2	70.2	70.2	1451	-	1526
15	3	86.7	86.7	1447	1598	1798
16	3	97.3	97.3	1877	1719	1321
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Trial Number:			13			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5298.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	85.1	18	1698	1721	1998
2	3	89.1	18	1897	1022	1669
3	2	77.9	18	1944	-	1373
4	2	77.2	18	1117	-	1030
5	2	80.1	18	1670	-	1840
6	3	99.4	18	1643	1772	1062
7	3	90.2	18	1542	1361	1820
8	3	86.4	18	1491	1448	1152
9	2	77.8	18	1867	-	1702
10	2	72.5	18	1400	-	1419
11	3	90.6	18	1602	1328	1959
12	2	69.7	18	1413	-	1896
13	3	96.4	18	1055	1334	1992
14	2	80.8	18	1857	-	1546
15	1	52.3	18	-	-	1803
16	3	87.4	18	1679	1358	1957
17	1	57.1	18	-	-	1050
18	3	93.6	18	1412	1551	1337
19	1	55.7	18	-	-	1533
20						

Trial Number:			14			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5295.8			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59	12	-	-	1680
2	1	59.7	12	-	-	1495
3	3	91.1	12	1807	1226	1259
4	2	81.4	12	1966	-	1484
5	2	68.7	12	1359	-	1254
6	2	70.2	12	1805	-	1644
7	2	71.9	12	1614	-	1127
8	2	77.2	12	1747	-	1742
9	2	78	12	1207	-	1347
10	1	58.1	12	-	-	1216
11	1	66.6	12	-	-	1622
12	2	79.2	12	1918	-	1782
13	1	50.1	12	-	-	1345
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Trial Number:			15			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5298.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.8	18	1743	1238	1882
2	1	50.2	18	-	-	1536
3	3	87.7	18	1640	1425	1090
4	3	85.7	18	1763	1925	2000
5	2	74.9	18	1899	-	1113
6	3	99.9	18	1332	1001	1596
7	2	76.3	18	1600	-	1914
8	2	72.1	18	1911	-	1935
9	2	80.8	18	1124	-	1493
10	2	72.1	18	1314	-	1291
11	2	82.6	18	1963	-	1353
12	3	88	18	1461	1205	1924
13	1	65.8	18	-	-	1565
14	2	81.5	18	1752	-	1780
15	3	88.4	18	1831	1727	1233
16	3	97.1	18	1748	1739	1543
17	3	89.8	18	1269	1801	1769
18	2	72.2	18	1693	-	1799
19						
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Trial Number:			16			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5297			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	62.4	15	-	-	1371
2	3	92.4	15	1561	1700	1139
3	1	64.4	15	-	-	1408
4	2	77.6	15	1006	-	1052
5	3	87.6	15	1109	1842	1295
6	3	94.1	15	1294	1509	1450
7	1	57.7	15	-	-	1621
8	1	59.1	15	-	-	1192
9	1	57	15	-	-	1995
10	1	58.1	15	-	-	1322
11	2	72.1	15	1838	-	1816
12	1	62.2	15	-	-	1439
13	2	78.3	15	1043	-	1864
14	1	61.2	15	-	-	1515
15	3	93.4	15	1299	1892	1301
16	3	90.4	15	1902	1559	1775
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19						
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5293.8			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.9	7	1505	-	1563
2	3	96.2	7	1277	1200	1115
3	3	93.2	7	1839	1676	1096
4	2	66.7	7	1463	-	1781
5	1	62.4	7	-	-	1984
6	1	57.3	7	-	-	1672
7	2	67.2	7	1994	-	1835
8	3	83.7	7	1528	1936	1708
9	2	78.3	7	1000	-	1525
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5295			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.6	10	1047	1724	1894
2	1	58.5	10	-	-	1420
3	3	93.4	10	1019	1103	1251
4	1	52.9	10	-	-	1042
5	3	88.8	10	1548	1530	1907
6	3	83.5	10	1663	1800	1011
7	2	80.1	10	1629	-	1204
8	3	88.3	10	1947	1825	1470
9	3	85.9	10	1758	1738	1588
10	1	54.2	10	-	-	1460
11	3	86.8	10	1891	1919	1953
12	3	85.7	10	1348	1386	1098
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5298.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	64.1	19	-	-	1821
2	1	62.6	19	-	-	1773
3	3	93.6	19	1349.000	1410.000	1952
4	2	78	19	1112.000	-	1072
5	1	65.8	19	-	-	1723
6	3	92.9	19	1573.000	1806.000	1149
7	2	68.1	19	1123.000	-	1544
8	1	50	19	-	-	1625
9	2	68.6	19	1941.000	-	1960
10	3	93.9	19	1734.000	1796.000	1718
11	2	71.4	19	1199.000	-	1480
12	3	94.6	19	1547.000	1969.000	1239
13	2	75.4	19	1795.000	-	1650
14	1	53.6	19	-	-	1728
15	3	92.3	19	1765.000	1674.000	1261
16	1	53.9	19	-	-	1929
17	2	73	19	1183.000	-	1901
18	1	59.7	19	-	-	1293
19	1	55.1	19	-	-	1750
20	2	75.1	19	1610.000	-	1248

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5295			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	80.8	10	1655	-	1362
2	3	99.4	10	1253	1593	1440
3	3	100	10	1570	1430	1234
4	3	85.5	10	1722	1970	1788
5	1	64.3	10	-	-	1240
6	1	56.1	10	-	-	1786
7	2	68.2	10	1079	-	1932
8	2	74.6	10	1015	-	1185
9	3	92	10	1243	1466	1315
10	2	73.9	10	1032	-	1789
11	3	92.4	10	1215	1623	1156
12	1	56.9	10	-	-	1048
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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5305			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56.6	10	-	-	1503
2	1	54.7	10	-	-	1099
3	1	63.7	10	-	-	1916
4	3	83.6	10	1823	1474	1325
5	3	99.6	10	1940	1458	1180
6	3	88.8	10	1776	1275	1566
7	3	96.7	10	1564	1571	1206
8	1	64.4	10	-	-	1654
9	3	99.2	10	1154	1609	1181
10	3	83.6	10	1753	1535	1787
11	1	59.6	10	-	-	1497
12	3	93.8	10	1813	1490	1499
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5302.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.2	16	1237	1477	1541
2	3	98.9	16	1829	1340	1300
3	2	77.6	16	1487	-	1817
4	3	85.1	16	1177	1329	1951
5	3	91.3	16	1931	1285	1845
6	2	76.2	16	1153	-	1492
7	1	65.3	16	-	-	1236
8	2	76.1	16	1161	-	1506
9	3	99.2	16	1607	1012	1504
10	1	61.7	16	-	-	1438
11	1	54.9	16	-	-	1133
12	1	64.8	16	-	-	1637
13	1	62.6	16	-	-	1273
14	1	58.1	16	-	-	1971
15	1	63.6	16	-	-	1660
16	1	59.6	16	-	-	1631
17	2	74.6	16	1394	-	1392
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Trial Number:			23			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5306.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	93.6	7	1324	1711	1146
2	1	58	7	-	-	1311
3	3	94.8	7	1416	1611	1887
4	1	51.4	7	-	-	1268
5	1	64.4	7	-	-	1452
6	3	88	7	1594	1955	1687
7	2	70.7	7	1025	-	1591
8	3	89.9	7	1080	1930	1247
9	1	58.7	7	-	-	1044
10	1	54.3	7	-	-	1195
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Trial Number:			24			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5301			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.2	20	1427	1246	1555
2	1	63.1	20	-	-	1286
3	3	90.7	20	1688	1482	1883
4	2	76	20	1007	-	1834
5	3	97.2	20	1142	1889	1228
6	3	89.8	20	1517	1194	1683
7	1	56.2	20	-	-	1501
8	3	98.4	20	1686	1740	1554
9	1	65.5	20	-	-	1270
10	2	78.6	20	1641	-	1488
11	2	83.1	20	1343	-	1915
12	2	83.3	20	1151	-	2000
13	1	65.7	20	-	-	1927
14	1	58.6	20	-	-	1590
15	1	66.2	20	-	-	1287
16	1	57.8	20	-	-	1550
17	3	95	20	1170	1759	1682
18	3	99.8	20	1335	1638	1737
19	3	99	20	1453	1756	1761
20	2	70.9	20	1085	-	1131

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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5306.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.5	6	1166	1923	1241
2	2	75.1	6	1974	-	1009
3	3	87	6	1305	1202	1164
4	3	89.9	6	1771	1363	1620
5	1	55.5	6	-	-	1421
6	2	75.6	6	1886	-	1976
7	1	64.9	6	-	-	1716
8	3	92.3	6	1159	1862	1229
9	2	72.7	6	1376	-	1356
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5306.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.8	7	-	-	1087
2	1	56.8	7	-	-	1020
3	3	95.3	7	1388	1766	1582
4	2	82.6	7	1186	-	1878
5	2	71.8	7	1472	-	1467
6	2	81.1	7	1946	-	1160
7	1	63	7	-	-	1912
8	1	58.5	7	-	-	1603
9	3	85.7	7	1136	1848	1082
10	1	57.7	7	-	-	1824
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Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5304.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.1	11	1785	-	1041
2	1	56.3	11	-	-	1178
3	1	59.7	11	-	-	1378
4	3	98.2	11	1017	1736	1945
5	2	81.1	11	1214	-	1888
6	3	91.5	11	1442	1658	1054
7	1	60.2	11	-	-	1354
8	3	92.3	11	1697	1058	1173
9	3	86.1	11	1982	1355	1627
10	3	85.3	11	1431	1036	1843
11	1	56.6	11	-	-	1699
12	3	93.1	11	1485	1685	1045
13	2	70.9	11	1203	-	1577
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5301.8			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91	18	1094	1418	1004
2	3	87.8	18	1105	1934	1459
3	1	62.8	18	-	-	1276
4	1	59.1	18	-	-	1741
5	2	76.2	18	1406	-	1265
6	1	50.7	18	-	-	1318
7	2	70.4	18	1950	-	1870
8	2	71.6	18	1454	-	1579
9	2	74.8	18	1128	-	1524
10	1	63.9	18	-	-	1890
11	2	75.6	18	1545	-	1657
12	1	54.6	18	-	-	1280
13	2	71.8	18	1263	-	1885
14	3	87.9	18	1437	1920	1556
15	1	50.7	18	-	-	1071
16	3	94	18	1369	1895	1423
17	2	77.6	18	1964	-	1900
18	1	53.2	18	-	-	1858
19	3	99.3	18	1106	1119	1409
20						

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Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5305.4			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59.2	9	-	-	1309
2	3	92.1	9	1417	1367	1745
3	2	73.8	9	1539	-	1794
4	1	64.5	9	-	-	1040
5	2	81.7	9	1086	-	1514
6	2	77	9	1225	-	1165
7	1	55.9	9	-	-	1645
8	3	98.5	9	1938	1374	1961
9	3	95.4	9	1138	1411	1272
10	2	83.3	9	1140	-	1145
11	2	78.8	9	1689	-	1585
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5306.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	57	6	-	-	1489
2	1	66.1	6	-	-	1339
3	2	67.8	6	1476	-	1664
4	3	86	6	1706	1457	1274
5	1	54.2	6	-	-	1906
6	3	94.8	6	1471	1662	1260
7	1	58.9	6	-	-	1790
8	2	72	6	1172	-	1836
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DFS Radar Parameters
FCC Radar Type 1
Channel 62 Bandwidth 40MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	21	1089.32	918	Y
2	19	1138.95	878	Y
3	7	1567.40	638	Y
4	9	1474.93	678	Y
5	16	1222.49	818	Y
6	2	1858.74	538	Y
7	10	1432.66	698	Y
8	14	1285.35	778	Y
9	12	326.16	3066	Y
10	17	1193.32	838	Y
11	3	1792.11	558	Y
12	8	1519.76	658	Y
13	18	1165.50	858	Y
14	11	1392.76	718	Y
15	5	1672.24	598	Y
16		494.56	2022	Y
17		644.33	1552	Y
18		755.29	1324	Y
19		516.53	1936	Y
20		549.45	1820	Y
21		360.49	2774	Y
22		411.35	2431	Y
23		1919.39	521	Y
24		335.68	2979	Y
25		346.98	2882	Y
26		1626.02	615	Y
27		571.76	1749	Y
28		439.37	2276	Y
29		985.22	1015	Y
30		634.92	1575	Y

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DFS Radar Parameters
FCC Radar Type 2
Channel 62 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	27	3.30	227	Y
2	24	1.80	160	Y
3	28	4.40	194	Y
4	25	2.40	200	Y
5	28	4.00	150	Y
6	25	2.60	222	Y
7	25	2.60	161	Y
8	24	1.80	175	Y
9	25	2.30	215	Y
10	29	4.80	228	Y
11	27	3.70	217	Y
12	27	3.70	196	Y
13	28	4.50	202	Y
14	26	2.80	210	Y
15	28	4.30	153	Y
16	27	3.80	164	Y
17	23	1.50	159	Y
18	25	2.50	209	Y
19	29	4.80	195	Y
20	25	2.30	219	Y
21	25	2.20	181	Y
22	27	3.80	152	Y
23	24	1.70	157	Y
24	29	4.80	185	Y
25	23	1.30	198	Y
26	24	1.60	197	Y
27	25	2.60	163	Y
28	28	4.40	205	Y
29	25	2.10	167	Y
30	23	1.30	168	Y

DFS Radar Parameters
FCC Radar Type 3
Channel 62 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	8.30	473	Y
2	16	6.80	444	Y
3	18	9.40	252	Y
4	17	7.40	328	Y
5	18	9.00	367	Y
6	17	7.60	416	Y
7	17	7.60	379	Y
8	16	6.80	320	Y
9	16	7.30	336	Y
10	18	9.80	406	Y
11	18	8.70	472	Y
12	17	8.70	233	Y
13	18	9.50	454	Y
14	17	7.80	295	Y
15	18	9.30	377	Y
16	18	8.80	229	Y
17	16	6.50	337	Y
18	17	7.50	271	Y
19	18	9.80	452	Y
20	17	7.30	348	Y
21	16	7.20	481	Y
22	18	8.80	434	Y
23	16	6.70	240	Y
24	18	9.80	238	Y
25	16	6.30	227	Y
26	16	6.60	280	Y
27	17	7.60	425	Y
28	18	9.40	264	Y
29	16	7.10	300	Y
30	16	6.30	321	Y

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DFS Radar Parameters
FCC Radar Type 4
Channel 62 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	16.30	473	Y
2	13	12.90	444	Y
3	16	18.70	252	Y
4	13	14.30	328	Y
5	15	17.70	367	Y
6	14	14.60	416	Y
7	14	14.70	379	Y
8	13	12.90	320	Y
9	13	13.90	336	Y
10	16	19.50	406	Y
11	15	17.10	472	Y
12	15	17.00	233	Y
13	16	18.70	454	Y
14	14	15.00	295	Y
15	16	18.40	377	Y
16	15	17.20	229	Y
17	12	12.20	337	Y
18	13	14.30	271	Y
19	16	19.40	452	Y
20	13	14.10	348	Y
21	13	13.80	481	Y
22	15	17.30	434	Y
23	12	12.60	240	Y
24	16	19.50	238	Y
25	12	11.80	227	Y
26	12	12.50	280	Y
27	13	14.60	425	Y
28	16	18.70	264	Y
29	13	13.60	300	Y
30	12	11.60	321	Y

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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5310			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	79.1	14	1208	-	1167
2	1	60.8	14	-	-	1446
3	3	92.6	14	1021	1642	1434
4	2	68.2	14	1760	-	1197
5	3	87.3	14	1978	1904	1746
6	2	70.3	14	1193	-	1868
7	2	70.7	14	1732	-	1876
8	1	60.5	14	-	-	1707
9	1	66.1	14	-	-	1519
10	3	97.3	14	1777	1513	1557
11	3	83.5	14	1810	1262	1143
12	2	83	14	1244	-	1401
13	3	92.8	14	1338	1844	1587
14	2	72.1	14	1075	-	1278
15	3	90.9	14	1635	1624	1860
16						
17						
18						
19						
20						

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5310			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.3	8	1958	1578	1469
2	1	56.7	8	-	-	1357
3	2	68.4	8	1529	-	1628
4	3	96.7	8	1070	1084	1176
5	2	67	8	1126	-	1850
6	1	65.7	8	-	-	1725
7	3	84.7	8	1003	1494	1464
8	1	58.9	8	-	-	1987
9	3	97	8	1118	1364	1116
10	1	54.8	8	-	-	1069
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13						
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19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			3			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5310			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.3	18	-	-	1323
2	2	69.9	18	1948	-	1612
3	3	92.5	18	1190	1436	1298
4	1	64.4	18	-	-	1304
5	1	53.7	18	-	-	1608
6	2	76.5	18	1671	-	1735
7	3	88.2	18	1726	1171	1522
8	1	63.6	18	-	-	1407
9	2	70.7	18	1893	-	1350
10	2	81.1	18	1601	-	1281
11	3	91.2	18	1059	1962	1696
12	1	62.9	18	-	-	1389
13	1	53.1	18	-	-	1678
14	2	79.9	18	1837	-	1033
15	2	68	18	1859	-	1846
16	2	73.6	18	1210	-	1415
17	1	58.9	18	-	-	1749
18	2	71.8	18	1808	-	1310
19	2	76.3	18	1599	-	1399
20						

Trial Number:			4			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5310			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51	10	-	-	1632
2	3	95.1	10	1691	1093	1312
3	1	65.2	10	-	-	1874
4	2	66.9	10	1604	-	1717
5	2	81	10	1008	-	1179
6	3	83.9	10	1220	1532	1456
7	2	78	10	1833	-	1576
8	3	86.6	10	1227	1336	1768
9	3	95.9	10	1264	1652	1979
10	3	92.9	10	1875	1157	1812
11	3	85.4	10	1713	1751	1854
12	3	94.5	10	1714	1212	1320
13						
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19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5310			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51.8	16	-	-	1580
2	3	95.6	16	1038	1455	1574
3	1	63.4	16	-	-	1188
4	2	78.9	16	1232	-	1729
5	1	50.3	16	-	-	1710
6	2	78.3	16	1381	-	1783
7	3	96.1	16	1066	1558	1222
8	1	62.4	16	-	-	1523
9	2	70.7	16	1649	-	1279
10	3	95.4	16	1666	1333	1985
11	2	69.4	16	1135	-	1433
12	2	72.1	16	1822	-	1949
13	3	91.1	16	1534	1414	1692
14	3	99.7	16	1537	1720	1968
15	2	71.4	16	1784	-	1639
16	1	53.6	16	-	-	1954
17	3	88.5	16	1056	1730	1002
18						
19						
20						

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5310			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.6	11	1148	-	1774
2	3	93.5	11	1396	1809	1250
3	1	56.7	11	-	-	1871
4	1	62.9	11	-	-	1684
5	2	82.7	11	1344	-	1653
6	3	95.9	11	1926	1731	1549
7	1	59.8	11	-	-	1211
8	3	93.1	11	1258	1445	1132
9	1	53	11	-	-	1880
10	1	61.4	11	-	-	1174
11	2	80.6	11	1266	-	1568
12	2	75.8	11	1316	-	1426
13	3	89.9	11	1980	1284	1744
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5310			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.4	11	1521	1223	1606
2	2	70.8	11	1518	-	1921
3	3	85.3	11	1037	1581	1083
4	3	86.7	11	1391	1039	1331
5	3	89.4	11	1224	1496	1198
6	2	67.3	11	1242	-	1613
7	3	89.7	11	1365	1779	1681
8	1	50.9	11	-	-	1762
9	2	67.7	11	1101	-	1377
10	3	95.3	11	1853	1937	1382
11	1	62.9	11	-	-	1383
12	1	59.3	11	-	-	1636
13	1	55.5	11	-	-	1942
14						
15						
16						
17						
18						
19						
20						

Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5310			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	55.7	8	-	-	1928
2	2	75.7	8	1196	-	1060
3	3	93.2	8	1005	1520	1502
4	2	75.9	8	1049	-	1695
5	2	81.4	8	1866	-	1221
6	1	62.4	8	-	-	1819
7	2	74.3	8	1986	-	1562
8	3	98.1	8	1815	1327	1023
9	2	67.2	8	1397	-	1615
10	3	99.4	8	1792	1064	1375
11						
12						
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			9			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5310			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.6	10	1778	-	1909
2	2	81.5	10	1366	-	1704
3	2	69.2	10	1255	-	1130
4	3	99.7	10	1861	1977	1996
5	1	53.6	10	-	-	1988
6	3	85.9	10	1830	1073	1898
7	3	97.4	10	1209	1360	1869
8	2	66.8	10	1481	-	1074
9	1	65.4	10	-	-	1626
10	3	86.6	10	1302	1352	1313
11	2	80.9	10	1380	-	1527
12	1	52.9	10	-	-	1468
13						
14						
15						
16						
17						
18						
19						
20						

Trial Number:			10			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5310			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.7	20	1903	1567	1884
2	3	86.8	20	1368	1449	1024
3	1	54.4	20	-	-	1856
4	1	60.3	20	-	-	1538
5	1	54	20	-	-	1029
6	1	63.9	20	-	-	1956
7	3	87.6	20	1583	1552	1605
8	1	60.9	20	-	-	1201
9	3	98.2	20	1091	1972	1569
10	3	93.9	20	1108	1297	1999
11	1	53.5	20	-	-	1078
12	2	77.1	20	1081	-	1053
13	3	90.2	20	1646	1068	1905
14	3	84.1	20	1993	1230	1104
15	3	100	20	1169	1013	1057
16	2	77.2	20	1308	-	1715
17	2	80.1	20	1120	-	1584
18	2	68.1	20	1296	-	1129
19	1	51.4	20	-	-	1014
20	3	91.9	20	1404	1289	1100

DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5298			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.1	15	1163	-	1498
2	2	71.4	15	1271	-	1027
3	1	56.7	15	-	-	1797
4	1	55.1	15	-	-	1290
5	2	70.1	15	1510	-	1026
6	2	67.6	15	1137	-	1479
7	3	86.1	15	1512	1175	1973
8	1	65	15	-	-	1346
9	2	70.3	15	1249	-	1395
10	2	78.5	15	1257	-	1218
11	3	97.5	15	1035	1983	1168
12	2	72.8	15	1158	-	1754
13	2	74.7	15	1975	-	1330
14	1	52.7	15	-	-	1435
15	2	77	15	1483	-	1881
16	1	56.3	15	-	-	1989
17						
18						
19						
20						

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5298			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	71.4	71.4	1051	-	1122
2	2	71	71	1063	-	1422
3	1	58.4	58.4	-	-	1847
4	1	60.4	60.4	-	-	1385
5	1	60.4	60.4	-	-	1701
6	1	56.3	56.3	-	-	1114
7	1	51.1	51.1	-	-	1405
8	3	84.8	84.8	1306	1540	1634
9	2	77.9	77.9	1508	-	1814
10	3	92.1	92.1	1187	1162	1092
11	1	59.5	59.5	-	-	1379
12	2	69.5	69.5	1997	-	1402
13	3	85.9	85.9	1182	1865	1791
14	2	70.2	70.2	1451	-	1526
15	3	86.7	86.7	1447	1598	1798
16	3	97.3	97.3	1877	1719	1321
17						
18						
19						
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DFS Radar Parameters
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5299.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	85.1	18	1698	1721	1998
2	3	89.1	18	1897	1022	1669
3	2	77.9	18	1944	-	1373
4	2	77.2	18	1117	-	1030
5	2	80.1	18	1670	-	1840
6	3	99.4	18	1643	1772	1062
7	3	90.2	18	1542	1361	1820
8	3	86.4	18	1491	1448	1152
9	2	77.8	18	1867	-	1702
10	2	72.5	18	1400	-	1419
11	3	90.6	18	1602	1328	1959
12	2	69.7	18	1413	-	1896
13	3	96.4	18	1055	1334	1992
14	2	80.8	18	1857	-	1546
15	1	52.3	18	-	-	1803
16	3	87.4	18	1679	1358	1957
17	1	57.1	18	-	-	1050
18	3	93.6	18	1412	1551	1337
19	1	55.7	18	-	-	1533
20						

Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5296.8			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59	12	-	-	1680
2	1	59.7	12	-	-	1495
3	3	91.1	12	1807	1226	1259
4	2	81.4	12	1966	-	1484
5	2	68.7	12	1359	-	1254
6	2	70.2	12	1805	-	1644
7	2	71.9	12	1614	-	1127
8	2	77.2	12	1747	-	1742
9	2	78	12	1207	-	1347
10	1	58.1	12	-	-	1216
11	1	66.6	12	-	-	1622
12	2	79.2	12	1918	-	1782
13	1	50.1	12	-	-	1345
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5299.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.8	18	1743	1238	1882
2	1	50.2	18	-	-	1536
3	3	87.7	18	1640	1425	1090
4	3	85.7	18	1763	1925	2000
5	2	74.9	18	1899	-	1113
6	3	99.9	18	1332	1001	1596
7	2	76.3	18	1600	-	1914
8	2	72.1	18	1911	-	1935
9	2	80.8	18	1124	-	1493
10	2	72.1	18	1314	-	1291
11	2	82.6	18	1963	-	1353
12	3	88	18	1461	1205	1924
13	1	65.8	18	-	-	1565
14	2	81.5	18	1752	-	1780
15	3	88.4	18	1831	1727	1233
16	3	97.1	18	1748	1739	1543
17	3	89.8	18	1269	1801	1769
18	2	72.2	18	1693	-	1799
19						
20						

Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5298			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	62.4	15	-	-	1371
2	3	92.4	15	1561	1700	1139
3	1	64.4	15	-	-	1408
4	2	77.6	15	1006	-	1052
5	3	87.6	15	1109	1842	1295
6	3	94.1	15	1294	1509	1450
7	1	57.7	15	-	-	1621
8	1	59.1	15	-	-	1192
9	1	57	15	-	-	1995
10	1	58.1	15	-	-	1322
11	2	72.1	15	1838	-	1816
12	1	62.2	15	-	-	1439
13	2	78.3	15	1043	-	1864
14	1	61.2	15	-	-	1515
15	3	93.4	15	1299	1892	1301
16	3	90.4	15	1902	1559	1775
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5294.8			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.9	7	1505	-	1563
2	3	96.2	7	1277	1200	1115
3	3	93.2	7	1839	1676	1096
4	2	66.7	7	1463	-	1781
5	1	62.4	7	-	-	1984
6	1	57.3	7	-	-	1672
7	2	67.2	7	1994	-	1835
8	3	83.7	7	1528	1936	1708
9	2	78.3	7	1000	-	1525
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5296			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.6	10	1047	1724	1894
2	1	58.5	10	-	-	1420
3	3	93.4	10	1019	1103	1251
4	1	52.9	10	-	-	1042
5	3	88.8	10	1548	1530	1907
6	3	83.5	10	1663	1800	1011
7	2	80.1	10	1629	-	1204
8	3	88.3	10	1947	1825	1470
9	3	85.9	10	1758	1738	1588
10	1	54.2	10	-	-	1460
11	3	86.8	10	1891	1919	1953
12	3	85.7	10	1348	1386	1098
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			19			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5299.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	64.1	19	-	-	1821
2	1	62.6	19	-	-	1773
3	3	93.6	19	1349.000	1410.000	1952
4	2	78	19	1112.000	-	1072
5	1	65.8	19	-	-	1723
6	3	92.9	19	1573.000	1806.000	1149
7	2	68.1	19	1123.000	-	1544
8	1	50	19	-	-	1625
9	2	68.6	19	1941.000	-	1960
10	3	93.9	19	1734.000	1796.000	1718
11	2	71.4	19	1199.000	-	1480
12	3	94.6	19	1547.000	1969.000	1239
13	2	75.4	19	1795.000	-	1650
14	1	53.6	19	-	-	1728
15	3	92.3	19	1765.000	1674.000	1261
16	1	53.9	19	-	-	1929
17	2	73	19	1183.000	-	1901
18	1	59.7	19	-	-	1293
19	1	55.1	19	-	-	1750
20	2	75.1	19	1610.000	-	1248

Trial Number:			20			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5296			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	80.8	10	1655	-	1362
2	3	99.4	10	1253	1593	1440
3	3	100	10	1570	1430	1234
4	3	85.5	10	1722	1970	1788
5	1	64.3	10	-	-	1240
6	1	56.1	10	-	-	1786
7	2	68.2	10	1079	-	1932
8	2	74.6	10	1015	-	1185
9	3	92	10	1243	1466	1315
10	2	73.9	10	1032	-	1789
11	3	92.4	10	1215	1623	1156
12	1	56.9	10	-	-	1048
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			21			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5324			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56.6	10	-	-	1503
2	1	54.7	10	-	-	1099
3	1	63.7	10	-	-	1916
4	3	83.6	10	1823	1474	1325
5	3	99.6	10	1940	1458	1180
6	3	88.8	10	1776	1275	1566
7	3	96.7	10	1564	1571	1206
8	1	64.4	10	-	-	1654
9	3	99.2	10	1154	1609	1181
10	3	83.6	10	1753	1535	1787
11	1	59.6	10	-	-	1497
12	3	93.8	10	1813	1490	1499
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Trial Number:			22			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5321.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.2	16	1237	1477	1541
2	3	98.9	16	1829	1340	1300
3	2	77.6	16	1487	-	1817
4	3	85.1	16	1177	1329	1951
5	3	91.3	16	1931	1285	1845
6	2	76.2	16	1153	-	1492
7	1	65.3	16	-	-	1236
8	2	76.1	16	1161	-	1506
9	3	99.2	16	1607	1012	1504
10	1	61.7	16	-	-	1438
11	1	54.9	16	-	-	1133
12	1	64.8	16	-	-	1637
13	1	62.6	16	-	-	1273
14	1	58.1	16	-	-	1971
15	1	63.6	16	-	-	1660
16	1	59.6	16	-	-	1631
17	2	74.6	16	1394	-	1392
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5325.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	93.6	7	1324	1711	1146
2	1	58	7	-	-	1311
3	3	94.8	7	1416	1611	1887
4	1	51.4	7	-	-	1268
5	1	64.4	7	-	-	1452
6	3	88	7	1594	1955	1687
7	2	70.7	7	1025	-	1591
8	3	89.9	7	1080	1930	1247
9	1	58.7	7	-	-	1044
10	1	54.3	7	-	-	1195
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5320			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.2	20	1427	1246	1555
2	1	63.1	20	-	-	1286
3	3	90.7	20	1688	1482	1883
4	2	76	20	1007	-	1834
5	3	97.2	20	1142	1889	1228
6	3	89.8	20	1517	1194	1683
7	1	56.2	20	-	-	1501
8	3	98.4	20	1686	1740	1554
9	1	65.5	20	-	-	1270
10	2	78.6	20	1641	-	1488
11	2	83.1	20	1343	-	1915
12	2	83.3	20	1151	-	2000
13	1	65.7	20	-	-	1927
14	1	58.6	20	-	-	1590
15	1	66.2	20	-	-	1287
16	1	57.8	20	-	-	1550
17	3	95	20	1170	1759	1682
18	3	99.8	20	1335	1638	1737
19	3	99	20	1453	1756	1761
20	2	70.9	20	1085	-	1131

DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			25			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5325.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.5	6	1166	1923	1241
2	2	75.1	6	1974	-	1009
3	3	87	6	1305	1202	1164
4	3	89.9	6	1771	1363	1620
5	1	55.5	6	-	-	1421
6	2	75.6	6	1886	-	1976
7	1	64.9	6	-	-	1716
8	3	92.3	6	1159	1862	1229
9	2	72.7	6	1376	-	1356
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Trial Number:			26			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5325.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.8	7	-	-	1087
2	1	56.8	7	-	-	1020
3	3	95.3	7	1388	1766	1582
4	2	82.6	7	1186	-	1878
5	2	71.8	7	1472	-	1467
6	2	81.1	7	1946	-	1160
7	1	63	7	-	-	1912
8	1	58.5	7	-	-	1603
9	3	85.7	7	1136	1848	1082
10	1	57.7	7	-	-	1824
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5323.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.1	11	1785	-	1041
2	1	56.3	11	-	-	1178
3	1	59.7	11	-	-	1378
4	3	98.2	11	1017	1736	1945
5	2	81.1	11	1214	-	1888
6	3	91.5	11	1442	1658	1054
7	1	60.2	11	-	-	1354
8	3	92.3	11	1697	1058	1173
9	3	86.1	11	1982	1355	1627
10	3	85.3	11	1431	1036	1843
11	1	56.6	11	-	-	1699
12	3	93.1	11	1485	1685	1045
13	2	70.9	11	1203	-	1577
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5320.8			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91	18	1094	1418	1004
2	3	87.8	18	1105	1934	1459
3	1	62.8	18	-	-	1276
4	1	59.1	18	-	-	1741
5	2	76.2	18	1406	-	1265
6	1	50.7	18	-	-	1318
7	2	70.4	18	1950	-	1870
8	2	71.6	18	1454	-	1579
9	2	74.8	18	1128	-	1524
10	1	63.9	18	-	-	1890
11	2	75.6	18	1545	-	1657
12	1	54.6	18	-	-	1280
13	2	71.8	18	1263	-	1885
14	3	87.9	18	1437	1920	1556
15	1	50.7	18	-	-	1071
16	3	94	18	1369	1895	1423
17	2	77.6	18	1964	-	1900
18	1	53.2	18	-	-	1858
19	3	99.3	18	1106	1119	1409
20						

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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5324.4			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59.2	9	-	-	1309
2	3	92.1	9	1417	1367	1745
3	2	73.8	9	1539	-	1794
4	1	64.5	9	-	-	1040
5	2	81.7	9	1086	-	1514
6	2	77	9	1225	-	1165
7	1	55.9	9	-	-	1645
8	3	98.5	9	1938	1374	1961
9	3	95.4	9	1138	1411	1272
10	2	83.3	9	1140	-	1145
11	2	78.8	9	1689	-	1585
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5325.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	57	6	-	-	1489
2	1	66.1	6	-	-	1339
3	2	67.8	6	1476	-	1664
4	3	86	6	1706	1457	1274
5	1	54.2	6	-	-	1906
6	3	94.8	6	1471	1662	1260
7	1	58.9	6	-	-	1790
8	2	72	6	1172	-	1836
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DFS Radar Parameters
FCC Radar Type 1
Channel 100 Bandwidth 20MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	21	1089.32	918	Y
2	19	1138.95	878	Y
3	7	1567.40	638	Y
4	9	1474.93	678	Y
5	16	1222.49	818	Y
6	2	1858.74	538	Y
7	10	1432.66	698	Y
8	14	1285.35	778	Y
9	12	326.16	3066	Y
10	17	1193.32	838	Y
11	3	1792.11	558	Y
12	8	1519.76	658	Y
13	18	1165.50	858	Y
14	11	1392.76	718	Y
15	5	1672.24	598	Y
16		494.56	2022	Y
17		644.33	1552	Y
18		755.29	1324	Y
19		516.53	1936	Y
20		549.45	1820	Y
21		360.49	2774	Y
22		411.35	2431	Y
23		1919.39	521	Y
24		335.68	2979	Y
25		346.98	2882	Y
26		1626.02	615	Y
27		571.76	1749	Y
28		439.37	2276	Y
29		985.22	1015	Y
30		634.92	1575	Y

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DFS Radar Parameters
FCC Radar Type 2
Channel 100 Bandwidth 20MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	27	3.30	227	Y
2	24	1.80	160	Y
3	28	4.40	194	Y
4	25	2.40	200	Y
5	28	4.00	150	Y
6	25	2.60	222	Y
7	25	2.60	161	Y
8	24	1.80	175	Y
9	25	2.30	215	Y
10	29	4.80	228	Y
11	27	3.70	217	Y
12	27	3.70	196	Y
13	28	4.50	202	Y
14	26	2.80	210	Y
15	28	4.30	153	Y
16	27	3.80	164	Y
17	23	1.50	159	Y
18	25	2.50	209	Y
19	29	4.80	195	Y
20	25	2.30	219	Y
21	25	2.20	181	Y
22	27	3.80	152	Y
23	24	1.70	157	Y
24	29	4.80	185	Y
25	23	1.30	198	Y
26	24	1.60	197	Y
27	25	2.60	163	Y
28	28	4.40	205	Y
29	25	2.10	167	Y
30	23	1.30	168	Y

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DFS Radar Parameters
FCC Radar Type 3
Channel 100 Bandwidth 20MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	8.30	473	Y
2	16	6.80	444	Y
3	18	9.40	252	Y
4	17	7.40	328	Y
5	18	9.00	367	Y
6	17	7.60	416	Y
7	17	7.60	379	Y
8	16	6.80	320	Y
9	16	7.30	336	Y
10	18	9.80	406	Y
11	18	8.70	472	Y
12	17	8.70	233	Y
13	18	9.50	454	Y
14	17	7.80	295	Y
15	18	9.30	377	Y
16	18	8.80	229	Y
17	16	6.50	337	Y
18	17	7.50	271	Y
19	18	9.80	452	Y
20	17	7.30	348	Y
21	16	7.20	481	Y
22	18	8.80	434	Y
23	16	6.70	240	Y
24	18	9.80	238	Y
25	16	6.30	227	Y
26	16	6.60	280	Y
27	17	7.60	425	Y
28	18	9.40	264	Y
29	16	7.10	300	Y
30	16	6.30	321	Y

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DFS Radar Parameters
FCC Radar Type 4
Channel 100 Bandwidth 20MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	16.30	473	Y
2	13	12.90	444	Y
3	16	18.70	252	Y
4	13	14.30	328	Y
5	15	17.70	367	Y
6	14	14.60	416	Y
7	14	14.70	379	Y
8	13	12.90	320	Y
9	13	13.90	336	Y
10	16	19.50	406	Y
11	15	17.10	472	Y
12	15	17.00	233	Y
13	16	18.70	454	Y
14	14	15.00	295	Y
15	16	18.40	377	Y
16	15	17.20	229	Y
17	12	12.20	337	Y
18	13	14.30	271	Y
19	16	19.40	452	Y
20	13	14.10	348	Y
21	13	13.80	481	Y
22	15	17.30	434	Y
23	12	12.60	240	Y
24	16	19.50	238	Y
25	12	11.80	227	Y
26	12	12.50	280	Y
27	13	14.60	425	Y
28	16	18.70	264	Y
29	13	13.60	300	Y
30	12	11.60	321	Y

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Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5500			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	79.1	14	1208	-	1167
2	1	60.8	14	-	-	1446
3	3	92.6	14	1021	1642	1434
4	2	68.2	14	1760	-	1197
5	3	87.3	14	1978	1904	1746
6	2	70.3	14	1193	-	1868
7	2	70.7	14	1732	-	1876
8	1	60.5	14	-	-	1707
9	1	66.1	14	-	-	1519
10	3	97.3	14	1777	1513	1557
11	3	83.5	14	1810	1262	1143
12	2	83	14	1244	-	1401
13	3	92.8	14	1338	1844	1587
14	2	72.1	14	1075	-	1278
15	3	90.9	14	1635	1624	1860
16						
17						
18						
19						
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5500			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.3	8	1958	1578	1469
2	1	56.7	8	-	-	1357
3	2	68.4	8	1529	-	1628
4	3	96.7	8	1070	1084	1176
5	2	67	8	1126	-	1850
6	1	65.7	8	-	-	1725
7	3	84.7	8	1003	1494	1464
8	1	58.9	8	-	-	1987
9	3	97	8	1118	1364	1116
10	1	54.8	8	-	-	1069
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Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5500			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.3	18	-	-	1323
2	2	69.9	18	1948	-	1612
3	3	92.5	18	1190	1436	1298
4	1	64.4	18	-	-	1304
5	1	53.7	18	-	-	1608
6	2	76.5	18	1671	-	1735
7	3	88.2	18	1726	1171	1522
8	1	63.6	18	-	-	1407
9	2	70.7	18	1893	-	1350
10	2	81.1	18	1601	-	1281
11	3	91.2	18	1059	1962	1696
12	1	62.9	18	-	-	1389
13	1	53.1	18	-	-	1678
14	2	79.9	18	1837	-	1033
15	2	68	18	1859	-	1846
16	2	73.6	18	1210	-	1415
17	1	58.9	18	-	-	1749
18	2	71.8	18	1808	-	1310
19	2	76.3	18	1599	-	1399
20						

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5500			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51	10	-	-	1632
2	3	95.1	10	1691	1093	1312
3	1	65.2	10	-	-	1874
4	2	66.9	10	1604	-	1717
5	2	81	10	1008	-	1179
6	3	83.9	10	1220	1532	1456
7	2	78	10	1833	-	1576
8	3	86.6	10	1227	1336	1768
9	3	95.9	10	1264	1652	1979
10	3	92.9	10	1875	1157	1812
11	3	85.4	10	1713	1751	1854
12	3	94.5	10	1714	1212	1320
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Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5500			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51.8	16	-	-	1580
2	3	95.6	16	1038	1455	1574
3	1	63.4	16	-	-	1188
4	2	78.9	16	1232	-	1729
5	1	50.3	16	-	-	1710
6	2	78.3	16	1381	-	1783
7	3	96.1	16	1066	1558	1222
8	1	62.4	16	-	-	1523
9	2	70.7	16	1649	-	1279
10	3	95.4	16	1666	1333	1985
11	2	69.4	16	1135	-	1433
12	2	72.1	16	1822	-	1949
13	3	91.1	16	1534	1414	1692
14	3	99.7	16	1537	1720	1968
15	2	71.4	16	1784	-	1639
16	1	53.6	16	-	-	1954
17	3	88.5	16	1056	1730	1002
18						
19						
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5500			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.6	11	1148	-	1774
2	3	93.5	11	1396	1809	1250
3	1	56.7	11	-	-	1871
4	1	62.9	11	-	-	1684
5	2	82.7	11	1344	-	1653
6	3	95.9	11	1926	1731	1549
7	1	59.8	11	-	-	1211
8	3	93.1	11	1258	1445	1132
9	1	53	11	-	-	1880
10	1	61.4	11	-	-	1174
11	2	80.6	11	1266	-	1568
12	2	75.8	11	1316	-	1426
13	3	89.9	11	1980	1284	1744
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Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5500			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.4	11	1521	1223	1606
2	2	70.8	11	1518	-	1921
3	3	85.3	11	1037	1581	1083
4	3	86.7	11	1391	1039	1331
5	3	89.4	11	1224	1496	1198
6	2	67.3	11	1242	-	1613
7	3	89.7	11	1365	1779	1681
8	1	50.9	11	-	-	1762
9	2	67.7	11	1101	-	1377
10	3	95.3	11	1853	1937	1382
11	1	62.9	11	-	-	1383
12	1	59.3	11	-	-	1636
13	1	55.5	11	-	-	1942
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5500			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	55.7	8	-	-	1928
2	2	75.7	8	1196	-	1060
3	3	93.2	8	1005	1520	1502
4	2	75.9	8	1049	-	1695
5	2	81.4	8	1866	-	1221
6	1	62.4	8	-	-	1819
7	2	74.3	8	1986	-	1562
8	3	98.1	8	1815	1327	1023
9	2	67.2	8	1397	-	1615
10	3	99.4	8	1792	1064	1375
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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5500			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.6	10	1778	-	1909
2	2	81.5	10	1366	-	1704
3	2	69.2	10	1255	-	1130
4	3	99.7	10	1861	1977	1996
5	1	53.6	10	-	-	1988
6	3	85.9	10	1830	1073	1898
7	3	97.4	10	1209	1360	1869
8	2	66.8	10	1481	-	1074
9	1	65.4	10	-	-	1626
10	3	86.6	10	1302	1352	1313
11	2	80.9	10	1380	-	1527
12	1	52.9	10	-	-	1468
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19						
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5500			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.7	20	1903	1567	1884
2	3	86.8	20	1368	1449	1024
3	1	54.4	20	-	-	1856
4	1	60.3	20	-	-	1538
5	1	54	20	-	-	1029
6	1	63.9	20	-	-	1956
7	3	87.6	20	1583	1552	1605
8	1	60.9	20	-	-	1201
9	3	98.2	20	1091	1972	1569
10	3	93.9	20	1108	1297	1999
11	1	53.5	20	-	-	1078
12	2	77.1	20	1081	-	1053
13	3	90.2	20	1646	1068	1905
14	3	84.1	20	1993	1230	1104
15	3	100	20	1169	1013	1057
16	2	77.2	20	1308	-	1715
17	2	80.1	20	1120	-	1584
18	2	68.1	20	1296	-	1129
19	1	51.4	20	-	-	1014
20	3	91.9	20	1404	1289	1100

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Trial Number:			11			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5497			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.1	15	1163	-	1498
2	2	71.4	15	1271	-	1027
3	1	56.7	15	-	-	1797
4	1	55.1	15	-	-	1290
5	2	70.1	15	1510	-	1026
6	2	67.6	15	1137	-	1479
7	3	86.1	15	1512	1175	1973
8	1	65	15	-	-	1346
9	2	70.3	15	1249	-	1395
10	2	78.5	15	1257	-	1218
11	3	97.5	15	1035	1983	1168
12	2	72.8	15	1158	-	1754
13	2	74.7	15	1975	-	1330
14	1	52.7	15	-	-	1435
15	2	77	15	1483	-	1881
16	1	56.3	15	-	-	1989
17						
18						
19						
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Trial Number:			12			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5497			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	71.4	71.4	1051	-	1122
2	2	71	71	1063	-	1422
3	1	58.4	58.4	-	-	1847
4	1	60.4	60.4	-	-	1385
5	1	60.4	60.4	-	-	1701
6	1	56.3	56.3	-	-	1114
7	1	51.1	51.1	-	-	1405
8	3	84.8	84.8	1306	1540	1634
9	2	77.9	77.9	1508	-	1814
10	3	92.1	92.1	1187	1162	1092
11	1	59.5	59.5	-	-	1379
12	2	69.5	69.5	1997	-	1402
13	3	85.9	85.9	1182	1865	1791
14	2	70.2	70.2	1451	-	1526
15	3	86.7	86.7	1447	1598	1798
16	3	97.3	97.3	1877	1719	1321
17						
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5498.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	85.1	18	1698	1721	1998
2	3	89.1	18	1897	1022	1669
3	2	77.9	18	1944	-	1373
4	2	77.2	18	1117	-	1030
5	2	80.1	18	1670	-	1840
6	3	99.4	18	1643	1772	1062
7	3	90.2	18	1542	1361	1820
8	3	86.4	18	1491	1448	1152
9	2	77.8	18	1867	-	1702
10	2	72.5	18	1400	-	1419
11	3	90.6	18	1602	1328	1959
12	2	69.7	18	1413	-	1896
13	3	96.4	18	1055	1334	1992
14	2	80.8	18	1857	-	1546
15	1	52.3	18	-	-	1803
16	3	87.4	18	1679	1358	1957
17	1	57.1	18	-	-	1050
18	3	93.6	18	1412	1551	1337
19	1	55.7	18	-	-	1533
20						

Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5495.8			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59	12	-	-	1680
2	1	59.7	12	-	-	1495
3	3	91.1	12	1807	1226	1259
4	2	81.4	12	1966	-	1484
5	2	68.7	12	1359	-	1254
6	2	70.2	12	1805	-	1644
7	2	71.9	12	1614	-	1127
8	2	77.2	12	1747	-	1742
9	2	78	12	1207	-	1347
10	1	58.1	12	-	-	1216
11	1	66.6	12	-	-	1622
12	2	79.2	12	1918	-	1782
13	1	50.1	12	-	-	1345
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5498.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.8	18	1743	1238	1882
2	1	50.2	18	-	-	1536
3	3	87.7	18	1640	1425	1090
4	3	85.7	18	1763	1925	2000
5	2	74.9	18	1899	-	1113
6	3	99.9	18	1332	1001	1596
7	2	76.3	18	1600	-	1914
8	2	72.1	18	1911	-	1935
9	2	80.8	18	1124	-	1493
10	2	72.1	18	1314	-	1291
11	2	82.6	18	1963	-	1353
12	3	88	18	1461	1205	1924
13	1	65.8	18	-	-	1565
14	2	81.5	18	1752	-	1780
15	3	88.4	18	1831	1727	1233
16	3	97.1	18	1748	1739	1543
17	3	89.8	18	1269	1801	1769
18	2	72.2	18	1693	-	1799
19						
20						

Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5497			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	62.4	15	-	-	1371
2	3	92.4	15	1561	1700	1139
3	1	64.4	15	-	-	1408
4	2	77.6	15	1006	-	1052
5	3	87.6	15	1109	1842	1295
6	3	94.1	15	1294	1509	1450
7	1	57.7	15	-	-	1621
8	1	59.1	15	-	-	1192
9	1	57	15	-	-	1995
10	1	58.1	15	-	-	1322
11	2	72.1	15	1838	-	1816
12	1	62.2	15	-	-	1439
13	2	78.3	15	1043	-	1864
14	1	61.2	15	-	-	1515
15	3	93.4	15	1299	1892	1301
16	3	90.4	15	1902	1559	1775
17						
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19						
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Trial Number:			17			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5493.8			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.9	7	1505	-	1563
2	3	96.2	7	1277	1200	1115
3	3	93.2	7	1839	1676	1096
4	2	66.7	7	1463	-	1781
5	1	62.4	7	-	-	1984
6	1	57.3	7	-	-	1672
7	2	67.2	7	1994	-	1835
8	3	83.7	7	1528	1936	1708
9	2	78.3	7	1000	-	1525
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Trial Number:			18			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5495			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.6	10	1047	1724	1894
2	1	58.5	10	-	-	1420
3	3	93.4	10	1019	1103	1251
4	1	52.9	10	-	-	1042
5	3	88.8	10	1548	1530	1907
6	3	83.5	10	1663	1800	1011
7	2	80.1	10	1629	-	1204
8	3	88.3	10	1947	1825	1470
9	3	85.9	10	1758	1738	1588
10	1	54.2	10	-	-	1460
11	3	86.8	10	1891	1919	1953
12	3	85.7	10	1348	1386	1098
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5498.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	64.1	19	-	-	1821
2	1	62.6	19	-	-	1773
3	3	93.6	19	1349.000	1410.000	1952
4	2	78	19	1112.000	-	1072
5	1	65.8	19	-	-	1723
6	3	92.9	19	1573.000	1806.000	1149
7	2	68.1	19	1123.000	-	1544
8	1	50	19	-	-	1625
9	2	68.6	19	1941.000	-	1960
10	3	93.9	19	1734.000	1796.000	1718
11	2	71.4	19	1199.000	-	1480
12	3	94.6	19	1547.000	1969.000	1239
13	2	75.4	19	1795.000	-	1650
14	1	53.6	19	-	-	1728
15	3	92.3	19	1765.000	1674.000	1261
16	1	53.9	19	-	-	1929
17	2	73	19	1183.000	-	1901
18	1	59.7	19	-	-	1293
19	1	55.1	19	-	-	1750
20	2	75.1	19	1610.000	-	1248

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5495			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	80.8	10	1655	-	1362
2	3	99.4	10	1253	1593	1440
3	3	100	10	1570	1430	1234
4	3	85.5	10	1722	1970	1788
5	1	64.3	10	-	-	1240
6	1	56.1	10	-	-	1786
7	2	68.2	10	1079	-	1932
8	2	74.6	10	1015	-	1185
9	3	92	10	1243	1466	1315
10	2	73.9	10	1032	-	1789
11	3	92.4	10	1215	1623	1156
12	1	56.9	10	-	-	1048
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5505			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56.6	10	-	-	1503
2	1	54.7	10	-	-	1099
3	1	63.7	10	-	-	1916
4	3	83.6	10	1823	1474	1325
5	3	99.6	10	1940	1458	1180
6	3	88.8	10	1776	1275	1566
7	3	96.7	10	1564	1571	1206
8	1	64.4	10	-	-	1654
9	3	99.2	10	1154	1609	1181
10	3	83.6	10	1753	1535	1787
11	1	59.6	10	-	-	1497
12	3	93.8	10	1813	1490	1499
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5502.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.2	16	1237	1477	1541
2	3	98.9	16	1829	1340	1300
3	2	77.6	16	1487	-	1817
4	3	85.1	16	1177	1329	1951
5	3	91.3	16	1931	1285	1845
6	2	76.2	16	1153	-	1492
7	1	65.3	16	-	-	1236
8	2	76.1	16	1161	-	1506
9	3	99.2	16	1607	1012	1504
10	1	61.7	16	-	-	1438
11	1	54.9	16	-	-	1133
12	1	64.8	16	-	-	1637
13	1	62.6	16	-	-	1273
14	1	58.1	16	-	-	1971
15	1	63.6	16	-	-	1660
16	1	59.6	16	-	-	1631
17	2	74.6	16	1394	-	1392
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5506.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	93.6	7	1324	1711	1146
2	1	58	7	-	-	1311
3	3	94.8	7	1416	1611	1887
4	1	51.4	7	-	-	1268
5	1	64.4	7	-	-	1452
6	3	88	7	1594	1955	1687
7	2	70.7	7	1025	-	1591
8	3	89.9	7	1080	1930	1247
9	1	58.7	7	-	-	1044
10	1	54.3	7	-	-	1195
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5501			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.2	20	1427	1246	1555
2	1	63.1	20	-	-	1286
3	3	90.7	20	1688	1482	1883
4	2	76	20	1007	-	1834
5	3	97.2	20	1142	1889	1228
6	3	89.8	20	1517	1194	1683
7	1	56.2	20	-	-	1501
8	3	98.4	20	1686	1740	1554
9	1	65.5	20	-	-	1270
10	2	78.6	20	1641	-	1488
11	2	83.1	20	1343	-	1915
12	2	83.3	20	1151	-	2000
13	1	65.7	20	-	-	1927
14	1	58.6	20	-	-	1590
15	1	66.2	20	-	-	1287
16	1	57.8	20	-	-	1550
17	3	95	20	1170	1759	1682
18	3	99.8	20	1335	1638	1737
19	3	99	20	1453	1756	1761
20	2	70.9	20	1085	-	1131

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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5506.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.5	6	1166	1923	1241
2	2	75.1	6	1974	-	1009
3	3	87	6	1305	1202	1164
4	3	89.9	6	1771	1363	1620
5	1	55.5	6	-	-	1421
6	2	75.6	6	1886	-	1976
7	1	64.9	6	-	-	1716
8	3	92.3	6	1159	1862	1229
9	2	72.7	6	1376	-	1356
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5506.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.8	7	-	-	1087
2	1	56.8	7	-	-	1020
3	3	95.3	7	1388	1766	1582
4	2	82.6	7	1186	-	1878
5	2	71.8	7	1472	-	1467
6	2	81.1	7	1946	-	1160
7	1	63	7	-	-	1912
8	1	58.5	7	-	-	1603
9	3	85.7	7	1136	1848	1082
10	1	57.7	7	-	-	1824
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			27			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5504.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.1	11	1785	-	1041
2	1	56.3	11	-	-	1178
3	1	59.7	11	-	-	1378
4	3	98.2	11	1017	1736	1945
5	2	81.1	11	1214	-	1888
6	3	91.5	11	1442	1658	1054
7	1	60.2	11	-	-	1354
8	3	92.3	11	1697	1058	1173
9	3	86.1	11	1982	1355	1627
10	3	85.3	11	1431	1036	1843
11	1	56.6	11	-	-	1699
12	3	93.1	11	1485	1685	1045
13	2	70.9	11	1203	-	1577
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Trial Number:			28			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5501.8			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91	18	1094	1418	1004
2	3	87.8	18	1105	1934	1459
3	1	62.8	18	-	-	1276
4	1	59.1	18	-	-	1741
5	2	76.2	18	1406	-	1265
6	1	50.7	18	-	-	1318
7	2	70.4	18	1950	-	1870
8	2	71.6	18	1454	-	1579
9	2	74.8	18	1128	-	1524
10	1	63.9	18	-	-	1890
11	2	75.6	18	1545	-	1657
12	1	54.6	18	-	-	1280
13	2	71.8	18	1263	-	1885
14	3	87.9	18	1437	1920	1556
15	1	50.7	18	-	-	1071
16	3	94	18	1369	1895	1423
17	2	77.6	18	1964	-	1900
18	1	53.2	18	-	-	1858
19	3	99.3	18	1106	1119	1409
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5505.4			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59.2	9	-	-	1309
2	3	92.1	9	1417	1367	1745
3	2	73.8	9	1539	-	1794
4	1	64.5	9	-	-	1040
5	2	81.7	9	1086	-	1514
6	2	77	9	1225	-	1165
7	1	55.9	9	-	-	1645
8	3	98.5	9	1938	1374	1961
9	3	95.4	9	1138	1411	1272
10	2	83.3	9	1140	-	1145
11	2	78.8	9	1689	-	1585
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5506.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	57	6	-	-	1489
2	1	66.1	6	-	-	1339
3	2	67.8	6	1476	-	1664
4	3	86	6	1706	1457	1274
5	1	54.2	6	-	-	1906
6	3	94.8	6	1471	1662	1260
7	1	58.9	6	-	-	1790
8	2	72	6	1172	-	1836
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DFS Radar Parameters
FCC Radar Type 1
Channel 102 Bandwidth 40MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	21	1089.32	918	Y
2	19	1138.95	878	Y
3	7	1567.40	638	Y
4	9	1474.93	678	Y
5	16	1222.49	818	Y
6	2	1858.74	538	Y
7	10	1432.66	698	Y
8	14	1285.35	778	Y
9	12	326.16	3066	Y
10	17	1193.32	838	Y
11	3	1792.11	558	Y
12	8	1519.76	658	Y
13	18	1165.50	858	Y
14	11	1392.76	718	Y
15	5	1672.24	598	Y
16		494.56	2022	Y
17		644.33	1552	Y
18		755.29	1324	Y
19		516.53	1936	Y
20		549.45	1820	Y
21		360.49	2774	Y
22		411.35	2431	Y
23		1919.39	521	Y
24		335.68	2979	Y
25		346.98	2882	Y
26		1626.02	615	Y
27		571.76	1749	Y
28		439.37	2276	Y
29		985.22	1015	Y
30		634.92	1575	Y

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DFS Radar Parameters
FCC Radar Type 2
Channel 102 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	27	3.30	227	Y
2	24	1.80	160	Y
3	28	4.40	194	Y
4	25	2.40	200	Y
5	28	4.00	150	Y
6	25	2.60	222	Y
7	25	2.60	161	Y
8	24	1.80	175	Y
9	25	2.30	215	Y
10	29	4.80	228	Y
11	27	3.70	217	Y
12	27	3.70	196	Y
13	28	4.50	202	Y
14	26	2.80	210	Y
15	28	4.30	153	Y
16	27	3.80	164	Y
17	23	1.50	159	Y
18	25	2.50	209	Y
19	29	4.80	195	Y
20	25	2.30	219	Y
21	25	2.20	181	Y
22	27	3.80	152	Y
23	24	1.70	157	Y
24	29	4.80	185	Y
25	23	1.30	198	Y
26	24	1.60	197	Y
27	25	2.60	163	Y
28	28	4.40	205	Y
29	25	2.10	167	Y
30	23	1.30	168	Y

DFS Radar Parameters
FCC Radar Type 3

Channel 102 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	8.30	473	Y
2	16	6.80	444	Y
3	18	9.40	252	Y
4	17	7.40	328	Y
5	18	9.00	367	Y
6	17	7.60	416	Y
7	17	7.60	379	Y
8	16	6.80	320	Y
9	16	7.30	336	Y
10	18	9.80	406	Y
11	18	8.70	472	Y
12	17	8.70	233	Y
13	18	9.50	454	Y
14	17	7.80	295	Y
15	18	9.30	377	Y
16	18	8.80	229	Y
17	16	6.50	337	Y
18	17	7.50	271	Y
19	18	9.80	452	Y
20	17	7.30	348	Y
21	16	7.20	481	Y
22	18	8.80	434	Y
23	16	6.70	240	Y
24	18	9.80	238	Y
25	16	6.30	227	Y
26	16	6.60	280	Y
27	17	7.60	425	Y
28	18	9.40	264	Y
29	16	7.10	300	Y
30	16	6.30	321	Y

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DFS Radar Parameters
FCC Radar Type 4
Channel 102 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	16.30	473	Y
2	13	12.90	444	Y
3	16	18.70	252	Y
4	13	14.30	328	Y
5	15	17.70	367	Y
6	14	14.60	416	Y
7	14	14.70	379	Y
8	13	12.90	320	Y
9	13	13.90	336	Y
10	16	19.50	406	Y
11	15	17.10	472	Y
12	15	17.00	233	Y
13	16	18.70	454	Y
14	14	15.00	295	Y
15	16	18.40	377	Y
16	15	17.20	229	Y
17	12	12.20	337	Y
18	13	14.30	271	Y
19	16	19.40	452	Y
20	13	14.10	348	Y
21	13	13.80	481	Y
22	15	17.30	434	Y
23	12	12.60	240	Y
24	16	19.50	238	Y
25	12	11.80	227	Y
26	12	12.50	280	Y
27	13	14.60	425	Y
28	16	18.70	264	Y
29	13	13.60	300	Y
30	12	11.60	321	Y

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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5510			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	79.1	14	1208	-	1167
2	1	60.8	14	-	-	1446
3	3	92.6	14	1021	1642	1434
4	2	68.2	14	1760	-	1197
5	3	87.3	14	1978	1904	1746
6	2	70.3	14	1193	-	1868
7	2	70.7	14	1732	-	1876
8	1	60.5	14	-	-	1707
9	1	66.1	14	-	-	1519
10	3	97.3	14	1777	1513	1557
11	3	83.5	14	1810	1262	1143
12	2	83	14	1244	-	1401
13	3	92.8	14	1338	1844	1587
14	2	72.1	14	1075	-	1278
15	3	90.9	14	1635	1624	1860
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17						
18						
19						
20						

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5510			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.3	8	1958	1578	1469
2	1	56.7	8	-	-	1357
3	2	68.4	8	1529	-	1628
4	3	96.7	8	1070	1084	1176
5	2	67	8	1126	-	1850
6	1	65.7	8	-	-	1725
7	3	84.7	8	1003	1494	1464
8	1	58.9	8	-	-	1987
9	3	97	8	1118	1364	1116
10	1	54.8	8	-	-	1069
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5510			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.3	18	-	-	1323
2	2	69.9	18	1948	-	1612
3	3	92.5	18	1190	1436	1298
4	1	64.4	18	-	-	1304
5	1	53.7	18	-	-	1608
6	2	76.5	18	1671	-	1735
7	3	88.2	18	1726	1171	1522
8	1	63.6	18	-	-	1407
9	2	70.7	18	1893	-	1350
10	2	81.1	18	1601	-	1281
11	3	91.2	18	1059	1962	1696
12	1	62.9	18	-	-	1389
13	1	53.1	18	-	-	1678
14	2	79.9	18	1837	-	1033
15	2	68	18	1859	-	1846
16	2	73.6	18	1210	-	1415
17	1	58.9	18	-	-	1749
18	2	71.8	18	1808	-	1310
19	2	76.3	18	1599	-	1399
20						

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5510			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51	10	-	-	1632
2	3	95.1	10	1691	1093	1312
3	1	65.2	10	-	-	1874
4	2	66.9	10	1604	-	1717
5	2	81	10	1008	-	1179
6	3	83.9	10	1220	1532	1456
7	2	78	10	1833	-	1576
8	3	86.6	10	1227	1336	1768
9	3	95.9	10	1264	1652	1979
10	3	92.9	10	1875	1157	1812
11	3	85.4	10	1713	1751	1854
12	3	94.5	10	1714	1212	1320
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5510			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51.8	16	-	-	1580
2	3	95.6	16	1038	1455	1574
3	1	63.4	16	-	-	1188
4	2	78.9	16	1232	-	1729
5	1	50.3	16	-	-	1710
6	2	78.3	16	1381	-	1783
7	3	96.1	16	1066	1558	1222
8	1	62.4	16	-	-	1523
9	2	70.7	16	1649	-	1279
10	3	95.4	16	1666	1333	1985
11	2	69.4	16	1135	-	1433
12	2	72.1	16	1822	-	1949
13	3	91.1	16	1534	1414	1692
14	3	99.7	16	1537	1720	1968
15	2	71.4	16	1784	-	1639
16	1	53.6	16	-	-	1954
17	3	88.5	16	1056	1730	1002
18						
19						
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5510			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.6	11	1148	-	1774
2	3	93.5	11	1396	1809	1250
3	1	56.7	11	-	-	1871
4	1	62.9	11	-	-	1684
5	2	82.7	11	1344	-	1653
6	3	95.9	11	1926	1731	1549
7	1	59.8	11	-	-	1211
8	3	93.1	11	1258	1445	1132
9	1	53	11	-	-	1880
10	1	61.4	11	-	-	1174
11	2	80.6	11	1266	-	1568
12	2	75.8	11	1316	-	1426
13	3	89.9	11	1980	1284	1744
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Trial Number:			7			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5510			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.4	11	1521	1223	1606
2	2	70.8	11	1518	-	1921
3	3	85.3	11	1037	1581	1083
4	3	86.7	11	1391	1039	1331
5	3	89.4	11	1224	1496	1198
6	2	67.3	11	1242	-	1613
7	3	89.7	11	1365	1779	1681
8	1	50.9	11	-	-	1762
9	2	67.7	11	1101	-	1377
10	3	95.3	11	1853	1937	1382
11	1	62.9	11	-	-	1383
12	1	59.3	11	-	-	1636
13	1	55.5	11	-	-	1942
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Trial Number:			8			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5510			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	55.7	8	-	-	1928
2	2	75.7	8	1196	-	1060
3	3	93.2	8	1005	1520	1502
4	2	75.9	8	1049	-	1695
5	2	81.4	8	1866	-	1221
6	1	62.4	8	-	-	1819
7	2	74.3	8	1986	-	1562
8	3	98.1	8	1815	1327	1023
9	2	67.2	8	1397	-	1615
10	3	99.4	8	1792	1064	1375
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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5510			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.6	10	1778	-	1909
2	2	81.5	10	1366	-	1704
3	2	69.2	10	1255	-	1130
4	3	99.7	10	1861	1977	1996
5	1	53.6	10	-	-	1988
6	3	85.9	10	1830	1073	1898
7	3	97.4	10	1209	1360	1869
8	2	66.8	10	1481	-	1074
9	1	65.4	10	-	-	1626
10	3	86.6	10	1302	1352	1313
11	2	80.9	10	1380	-	1527
12	1	52.9	10	-	-	1468
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19						
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5510			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.7	20	1903	1567	1884
2	3	86.8	20	1368	1449	1024
3	1	54.4	20	-	-	1856
4	1	60.3	20	-	-	1538
5	1	54	20	-	-	1029
6	1	63.9	20	-	-	1956
7	3	87.6	20	1583	1552	1605
8	1	60.9	20	-	-	1201
9	3	98.2	20	1091	1972	1569
10	3	93.9	20	1108	1297	1999
11	1	53.5	20	-	-	1078
12	2	77.1	20	1081	-	1053
13	3	90.2	20	1646	1068	1905
14	3	84.1	20	1993	1230	1104
15	3	100	20	1169	1013	1057
16	2	77.2	20	1308	-	1715
17	2	80.1	20	1120	-	1584
18	2	68.1	20	1296	-	1129
19	1	51.4	20	-	-	1014
20	3	91.9	20	1404	1289	1100

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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5497.5			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.1	15	1163	-	1498
2	2	71.4	15	1271	-	1027
3	1	56.7	15	-	-	1797
4	1	55.1	15	-	-	1290
5	2	70.1	15	1510	-	1026
6	2	67.6	15	1137	-	1479
7	3	86.1	15	1512	1175	1973
8	1	65	15	-	-	1346
9	2	70.3	15	1249	-	1395
10	2	78.5	15	1257	-	1218
11	3	97.5	15	1035	1983	1168
12	2	72.8	15	1158	-	1754
13	2	74.7	15	1975	-	1330
14	1	52.7	15	-	-	1435
15	2	77	15	1483	-	1881
16	1	56.3	15	-	-	1989
17						
18						
19						
20						

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5497.5			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	71.4	71.4	1051	-	1122
2	2	71	71	1063	-	1422
3	1	58.4	58.4	-	-	1847
4	1	60.4	60.4	-	-	1385
5	1	60.4	60.4	-	-	1701
6	1	56.3	56.3	-	-	1114
7	1	51.1	51.1	-	-	1405
8	3	84.8	84.8	1306	1540	1634
9	2	77.9	77.9	1508	-	1814
10	3	92.1	92.1	1187	1162	1092
11	1	59.5	59.5	-	-	1379
12	2	69.5	69.5	1997	-	1402
13	3	85.9	85.9	1182	1865	1791
14	2	70.2	70.2	1451	-	1526
15	3	86.7	86.7	1447	1598	1798
16	3	97.3	97.3	1877	1719	1321
17						
18						
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5498.7			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	85.1	18	1698	1721	1998
2	3	89.1	18	1897	1022	1669
3	2	77.9	18	1944	-	1373
4	2	77.2	18	1117	-	1030
5	2	80.1	18	1670	-	1840
6	3	99.4	18	1643	1772	1062
7	3	90.2	18	1542	1361	1820
8	3	86.4	18	1491	1448	1152
9	2	77.8	18	1867	-	1702
10	2	72.5	18	1400	-	1419
11	3	90.6	18	1602	1328	1959
12	2	69.7	18	1413	-	1896
13	3	96.4	18	1055	1334	1992
14	2	80.8	18	1857	-	1546
15	1	52.3	18	-	-	1803
16	3	87.4	18	1679	1358	1957
17	1	57.1	18	-	-	1050
18	3	93.6	18	1412	1551	1337
19	1	55.7	18	-	-	1533
20						

Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5496.3			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59	12	-	-	1680
2	1	59.7	12	-	-	1495
3	3	91.1	12	1807	1226	1259
4	2	81.4	12	1966	-	1484
5	2	68.7	12	1359	-	1254
6	2	70.2	12	1805	-	1644
7	2	71.9	12	1614	-	1127
8	2	77.2	12	1747	-	1742
9	2	78	12	1207	-	1347
10	1	58.1	12	-	-	1216
11	1	66.6	12	-	-	1622
12	2	79.2	12	1918	-	1782
13	1	50.1	12	-	-	1345
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Trial Number:			15			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5498.7			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.8	18	1743	1238	1882
2	1	50.2	18	-	-	1536
3	3	87.7	18	1640	1425	1090
4	3	85.7	18	1763	1925	2000
5	2	74.9	18	1899	-	1113
6	3	99.9	18	1332	1001	1596
7	2	76.3	18	1600	-	1914
8	2	72.1	18	1911	-	1935
9	2	80.8	18	1124	-	1493
10	2	72.1	18	1314	-	1291
11	2	82.6	18	1963	-	1353
12	3	88	18	1461	1205	1924
13	1	65.8	18	-	-	1565
14	2	81.5	18	1752	-	1780
15	3	88.4	18	1831	1727	1233
16	3	97.1	18	1748	1739	1543
17	3	89.8	18	1269	1801	1769
18	2	72.2	18	1693	-	1799
19						
20						

Trial Number:			16			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5497.5			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	62.4	15	-	-	1371
2	3	92.4	15	1561	1700	1139
3	1	64.4	15	-	-	1408
4	2	77.6	15	1006	-	1052
5	3	87.6	15	1109	1842	1295
6	3	94.1	15	1294	1509	1450
7	1	57.7	15	-	-	1621
8	1	59.1	15	-	-	1192
9	1	57	15	-	-	1995
10	1	58.1	15	-	-	1322
11	2	72.1	15	1838	-	1816
12	1	62.2	15	-	-	1439
13	2	78.3	15	1043	-	1864
14	1	61.2	15	-	-	1515
15	3	93.4	15	1299	1892	1301
16	3	90.4	15	1902	1559	1775
17						
18						
19						
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5494.3			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.9	7	1505	-	1563
2	3	96.2	7	1277	1200	1115
3	3	93.2	7	1839	1676	1096
4	2	66.7	7	1463	-	1781
5	1	62.4	7	-	-	1984
6	1	57.3	7	-	-	1672
7	2	67.2	7	1994	-	1835
8	3	83.7	7	1528	1936	1708
9	2	78.3	7	1000	-	1525
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5495.5			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.6	10	1047	1724	1894
2	1	58.5	10	-	-	1420
3	3	93.4	10	1019	1103	1251
4	1	52.9	10	-	-	1042
5	3	88.8	10	1548	1530	1907
6	3	83.5	10	1663	1800	1011
7	2	80.1	10	1629	-	1204
8	3	88.3	10	1947	1825	1470
9	3	85.9	10	1758	1738	1588
10	1	54.2	10	-	-	1460
11	3	86.8	10	1891	1919	1953
12	3	85.7	10	1348	1386	1098
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5499.1			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	64.1	19	-	-	1821
2	1	62.6	19	-	-	1773
3	3	93.6	19	1349.000	1410.000	1952
4	2	78	19	1112.000	-	1072
5	1	65.8	19	-	-	1723
6	3	92.9	19	1573.000	1806.000	1149
7	2	68.1	19	1123.000	-	1544
8	1	50	19	-	-	1625
9	2	68.6	19	1941.000	-	1960
10	3	93.9	19	1734.000	1796.000	1718
11	2	71.4	19	1199.000	-	1480
12	3	94.6	19	1547.000	1969.000	1239
13	2	75.4	19	1795.000	-	1650
14	1	53.6	19	-	-	1728
15	3	92.3	19	1765.000	1674.000	1261
16	1	53.9	19	-	-	1929
17	2	73	19	1183.000	-	1901
18	1	59.7	19	-	-	1293
19	1	55.1	19	-	-	1750
20	2	75.1	19	1610.000	-	1248

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5495.5			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	80.8	10	1655	-	1362
2	3	99.4	10	1253	1593	1440
3	3	100	10	1570	1430	1234
4	3	85.5	10	1722	1970	1788
5	1	64.3	10	-	-	1240
6	1	56.1	10	-	-	1786
7	2	68.2	10	1079	-	1932
8	2	74.6	10	1015	-	1185
9	3	92	10	1243	1466	1315
10	2	73.9	10	1032	-	1789
11	3	92.4	10	1215	1623	1156
12	1	56.9	10	-	-	1048
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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5524.5			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56.6	10	-	-	1503
2	1	54.7	10	-	-	1099
3	1	63.7	10	-	-	1916
4	3	83.6	10	1823	1474	1325
5	3	99.6	10	1940	1458	1180
6	3	88.8	10	1776	1275	1566
7	3	96.7	10	1564	1571	1206
8	1	64.4	10	-	-	1654
9	3	99.2	10	1154	1609	1181
10	3	83.6	10	1753	1535	1787
11	1	59.6	10	-	-	1497
12	3	93.8	10	1813	1490	1499
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5522.1			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.2	16	1237	1477	1541
2	3	98.9	16	1829	1340	1300
3	2	77.6	16	1487	-	1817
4	3	85.1	16	1177	1329	1951
5	3	91.3	16	1931	1285	1845
6	2	76.2	16	1153	-	1492
7	1	65.3	16	-	-	1236
8	2	76.1	16	1161	-	1506
9	3	99.2	16	1607	1012	1504
10	1	61.7	16	-	-	1438
11	1	54.9	16	-	-	1133
12	1	64.8	16	-	-	1637
13	1	62.6	16	-	-	1273
14	1	58.1	16	-	-	1971
15	1	63.6	16	-	-	1660
16	1	59.6	16	-	-	1631
17	2	74.6	16	1394	-	1392
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5525.7			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	93.6	7	1324	1711	1146
2	1	58	7	-	-	1311
3	3	94.8	7	1416	1611	1887
4	1	51.4	7	-	-	1268
5	1	64.4	7	-	-	1452
6	3	88	7	1594	1955	1687
7	2	70.7	7	1025	-	1591
8	3	89.9	7	1080	1930	1247
9	1	58.7	7	-	-	1044
10	1	54.3	7	-	-	1195
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5520.5			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.2	20	1427	1246	1555
2	1	63.1	20	-	-	1286
3	3	90.7	20	1688	1482	1883
4	2	76	20	1007	-	1834
5	3	97.2	20	1142	1889	1228
6	3	89.8	20	1517	1194	1683
7	1	56.2	20	-	-	1501
8	3	98.4	20	1686	1740	1554
9	1	65.5	20	-	-	1270
10	2	78.6	20	1641	-	1488
11	2	83.1	20	1343	-	1915
12	2	83.3	20	1151	-	2000
13	1	65.7	20	-	-	1927
14	1	58.6	20	-	-	1590
15	1	66.2	20	-	-	1287
16	1	57.8	20	-	-	1550
17	3	95	20	1170	1759	1682
18	3	99.8	20	1335	1638	1737
19	3	99	20	1453	1756	1761
20	2	70.9	20	1085	-	1131

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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			25			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5526.1			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.5	6	1166	1923	1241
2	2	75.1	6	1974	-	1009
3	3	87	6	1305	1202	1164
4	3	89.9	6	1771	1363	1620
5	1	55.5	6	-	-	1421
6	2	75.6	6	1886	-	1976
7	1	64.9	6	-	-	1716
8	3	92.3	6	1159	1862	1229
9	2	72.7	6	1376	-	1356
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Trial Number:			26			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5525.7			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.8	7	-	-	1087
2	1	56.8	7	-	-	1020
3	3	95.3	7	1388	1766	1582
4	2	82.6	7	1186	-	1878
5	2	71.8	7	1472	-	1467
6	2	81.1	7	1946	-	1160
7	1	63	7	-	-	1912
8	1	58.5	7	-	-	1603
9	3	85.7	7	1136	1848	1082
10	1	57.7	7	-	-	1824
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			27			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5524.1			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.1	11	1785	-	1041
2	1	56.3	11	-	-	1178
3	1	59.7	11	-	-	1378
4	3	98.2	11	1017	1736	1945
5	2	81.1	11	1214	-	1888
6	3	91.5	11	1442	1658	1054
7	1	60.2	11	-	-	1354
8	3	92.3	11	1697	1058	1173
9	3	86.1	11	1982	1355	1627
10	3	85.3	11	1431	1036	1843
11	1	56.6	11	-	-	1699
12	3	93.1	11	1485	1685	1045
13	2	70.9	11	1203	-	1577
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Trial Number:			28			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5521.3			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91	18	1094	1418	1004
2	3	87.8	18	1105	1934	1459
3	1	62.8	18	-	-	1276
4	1	59.1	18	-	-	1741
5	2	76.2	18	1406	-	1265
6	1	50.7	18	-	-	1318
7	2	70.4	18	1950	-	1870
8	2	71.6	18	1454	-	1579
9	2	74.8	18	1128	-	1524
10	1	63.9	18	-	-	1890
11	2	75.6	18	1545	-	1657
12	1	54.6	18	-	-	1280
13	2	71.8	18	1263	-	1885
14	3	87.9	18	1437	1920	1556
15	1	50.7	18	-	-	1071
16	3	94	18	1369	1895	1423
17	2	77.6	18	1964	-	1900
18	1	53.2	18	-	-	1858
19	3	99.3	18	1106	1119	1409
20						

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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			29			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5524.9			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59.2	9	-	-	1309
2	3	92.1	9	1417	1367	1745
3	2	73.8	9	1539	-	1794
4	1	64.5	9	-	-	1040
5	2	81.7	9	1086	-	1514
6	2	77	9	1225	-	1165
7	1	55.9	9	-	-	1645
8	3	98.5	9	1938	1374	1961
9	3	95.4	9	1138	1411	1272
10	2	83.3	9	1140	-	1145
11	2	78.8	9	1689	-	1585
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Trial Number:			30			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5526.1			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	57	6	-	-	1489
2	1	66.1	6	-	-	1339
3	2	67.8	6	1476	-	1664
4	3	86	6	1706	1457	1274
5	1	54.2	6	-	-	1906
6	3	94.8	6	1471	1662	1260
7	1	58.9	6	-	-	1790
8	2	72	6	1172	-	1836
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DFS Radar Parameters
FCC Radar Type 1
Channel 106 Bandwidth 80MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	21	1089.32	918	Y
2	19	1138.95	878	Y
3	7	1567.40	638	Y
4	9	1474.93	678	Y
5	16	1222.49	818	Y
6	2	1858.74	538	Y
7	10	1432.66	698	Y
8	14	1285.35	778	Y
9	12	326.16	3066	Y
10	17	1193.32	838	Y
11	3	1792.11	558	Y
12	8	1519.76	658	Y
13	18	1165.50	858	Y
14	11	1392.76	718	Y
15	5	1672.24	598	Y
16		494.56	2022	Y
17		644.33	1552	Y
18		755.29	1324	Y
19		516.53	1936	Y
20		549.45	1820	Y
21		360.49	2774	Y
22		411.35	2431	Y
23		1919.39	521	Y
24		335.68	2979	Y
25		346.98	2882	Y
26		1626.02	615	Y
27		571.76	1749	Y
28		439.37	2276	Y
29		985.22	1015	Y
30		634.92	1575	Y

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DFS Radar Parameters
FCC Radar Type 2
Channel 106 Bandwidth 80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	27	3.30	227	Y
2	24	1.80	160	Y
3	28	4.40	194	Y
4	25	2.40	200	Y
5	28	4.00	150	Y
6	25	2.60	222	Y
7	25	2.60	161	Y
8	24	1.80	175	Y
9	25	2.30	215	Y
10	29	4.80	228	Y
11	27	3.70	217	Y
12	27	3.70	196	Y
13	28	4.50	202	Y
14	26	2.80	210	Y
15	28	4.30	153	Y
16	27	3.80	164	Y
17	23	1.50	159	Y
18	25	2.50	209	Y
19	29	4.80	195	Y
20	25	2.30	219	Y
21	25	2.20	181	Y
22	27	3.80	152	Y
23	24	1.70	157	Y
24	29	4.80	185	Y
25	23	1.30	198	Y
26	24	1.60	197	Y
27	25	2.60	163	Y
28	28	4.40	205	Y
29	25	2.10	167	Y
30	23	1.30	168	Y

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DFS Radar Parameters
FCC Radar Type 3
Channel 106 Bandwidth 80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	8.30	473	Y
2	16	6.80	444	Y
3	18	9.40	252	Y
4	17	7.40	328	Y
5	18	9.00	367	Y
6	17	7.60	416	Y
7	17	7.60	379	Y
8	16	6.80	320	Y
9	16	7.30	336	Y
10	18	9.80	406	Y
11	18	8.70	472	Y
12	17	8.70	233	Y
13	18	9.50	454	Y
14	17	7.80	295	Y
15	18	9.30	377	Y
16	18	8.80	229	Y
17	16	6.50	337	Y
18	17	7.50	271	Y
19	18	9.80	452	Y
20	17	7.30	348	Y
21	16	7.20	481	Y
22	18	8.80	434	Y
23	16	6.70	240	Y
24	18	9.80	238	Y
25	16	6.30	227	Y
26	16	6.60	280	Y
27	17	7.60	425	Y
28	18	9.40	264	Y
29	16	7.10	300	Y
30	16	6.30	321	Y

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DFS Radar Parameters
FCC Radar Type 4
Channel 106 Bandwidth 80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	16.30	473	Y
2	13	12.90	444	Y
3	16	18.70	252	Y
4	13	14.30	328	Y
5	15	17.70	367	Y
6	14	14.60	416	Y
7	14	14.70	379	Y
8	13	12.90	320	Y
9	13	13.90	336	Y
10	16	19.50	406	Y
11	15	17.10	472	Y
12	15	17.00	233	Y
13	16	18.70	454	Y
14	14	15.00	295	Y
15	16	18.40	377	Y
16	15	17.20	229	Y
17	12	12.20	337	Y
18	13	14.30	271	Y
19	16	19.40	452	Y
20	13	14.10	348	Y
21	13	13.80	481	Y
22	15	17.30	434	Y
23	12	12.60	240	Y
24	16	19.50	238	Y
25	12	11.80	227	Y
26	12	12.50	280	Y
27	13	14.60	425	Y
28	16	18.70	264	Y
29	13	13.60	300	Y
30	12	11.60	321	Y

DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5530			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	79.1	14	1208	-	1167
2	1	60.8	14	-	-	1446
3	3	92.6	14	1021	1642	1434
4	2	68.2	14	1760	-	1197
5	3	87.3	14	1978	1904	1746
6	2	70.3	14	1193	-	1868
7	2	70.7	14	1732	-	1876
8	1	60.5	14	-	-	1707
9	1	66.1	14	-	-	1519
10	3	97.3	14	1777	1513	1557
11	3	83.5	14	1810	1262	1143
12	2	83	14	1244	-	1401
13	3	92.8	14	1338	1844	1587
14	2	72.1	14	1075	-	1278
15	3	90.9	14	1635	1624	1860
16						
17						
18						
19						
20						

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5530			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.3	8	1958	1578	1469
2	1	56.7	8	-	-	1357
3	2	68.4	8	1529	-	1628
4	3	96.7	8	1070	1084	1176
5	2	67	8	1126	-	1850
6	1	65.7	8	-	-	1725
7	3	84.7	8	1003	1494	1464
8	1	58.9	8	-	-	1987
9	3	97	8	1118	1364	1116
10	1	54.8	8	-	-	1069
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5530			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.3	18	-	-	1323
2	2	69.9	18	1948	-	1612
3	3	92.5	18	1190	1436	1298
4	1	64.4	18	-	-	1304
5	1	53.7	18	-	-	1608
6	2	76.5	18	1671	-	1735
7	3	88.2	18	1726	1171	1522
8	1	63.6	18	-	-	1407
9	2	70.7	18	1893	-	1350
10	2	81.1	18	1601	-	1281
11	3	91.2	18	1059	1962	1696
12	1	62.9	18	-	-	1389
13	1	53.1	18	-	-	1678
14	2	79.9	18	1837	-	1033
15	2	68	18	1859	-	1846
16	2	73.6	18	1210	-	1415
17	1	58.9	18	-	-	1749
18	2	71.8	18	1808	-	1310
19	2	76.3	18	1599	-	1399
20						

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5530			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51	10	-	-	1632
2	3	95.1	10	1691	1093	1312
3	1	65.2	10	-	-	1874
4	2	66.9	10	1604	-	1717
5	2	81	10	1008	-	1179
6	3	83.9	10	1220	1532	1456
7	2	78	10	1833	-	1576
8	3	86.6	10	1227	1336	1768
9	3	95.9	10	1264	1652	1979
10	3	92.9	10	1875	1157	1812
11	3	85.4	10	1713	1751	1854
12	3	94.5	10	1714	1212	1320
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5530			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51.8	16	-	-	1580
2	3	95.6	16	1038	1455	1574
3	1	63.4	16	-	-	1188
4	2	78.9	16	1232	-	1729
5	1	50.3	16	-	-	1710
6	2	78.3	16	1381	-	1783
7	3	96.1	16	1066	1558	1222
8	1	62.4	16	-	-	1523
9	2	70.7	16	1649	-	1279
10	3	95.4	16	1666	1333	1985
11	2	69.4	16	1135	-	1433
12	2	72.1	16	1822	-	1949
13	3	91.1	16	1534	1414	1692
14	3	99.7	16	1537	1720	1968
15	2	71.4	16	1784	-	1639
16	1	53.6	16	-	-	1954
17	3	88.5	16	1056	1730	1002
18						
19						
20						

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5530			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.6	11	1148	-	1774
2	3	93.5	11	1396	1809	1250
3	1	56.7	11	-	-	1871
4	1	62.9	11	-	-	1684
5	2	82.7	11	1344	-	1653
6	3	95.9	11	1926	1731	1549
7	1	59.8	11	-	-	1211
8	3	93.1	11	1258	1445	1132
9	1	53	11	-	-	1880
10	1	61.4	11	-	-	1174
11	2	80.6	11	1266	-	1568
12	2	75.8	11	1316	-	1426
13	3	89.9	11	1980	1284	1744
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5530			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.4	11	1521	1223	1606
2	2	70.8	11	1518	-	1921
3	3	85.3	11	1037	1581	1083
4	3	86.7	11	1391	1039	1331
5	3	89.4	11	1224	1496	1198
6	2	67.3	11	1242	-	1613
7	3	89.7	11	1365	1779	1681
8	1	50.9	11	-	-	1762
9	2	67.7	11	1101	-	1377
10	3	95.3	11	1853	1937	1382
11	1	62.9	11	-	-	1383
12	1	59.3	11	-	-	1636
13	1	55.5	11	-	-	1942
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19						
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5530			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	55.7	8	-	-	1928
2	2	75.7	8	1196	-	1060
3	3	93.2	8	1005	1520	1502
4	2	75.9	8	1049	-	1695
5	2	81.4	8	1866	-	1221
6	1	62.4	8	-	-	1819
7	2	74.3	8	1986	-	1562
8	3	98.1	8	1815	1327	1023
9	2	67.2	8	1397	-	1615
10	3	99.4	8	1792	1064	1375
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5530			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.6	10	1778	-	1909
2	2	81.5	10	1366	-	1704
3	2	69.2	10	1255	-	1130
4	3	99.7	10	1861	1977	1996
5	1	53.6	10	-	-	1988
6	3	85.9	10	1830	1073	1898
7	3	97.4	10	1209	1360	1869
8	2	66.8	10	1481	-	1074
9	1	65.4	10	-	-	1626
10	3	86.6	10	1302	1352	1313
11	2	80.9	10	1380	-	1527
12	1	52.9	10	-	-	1468
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19						
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5530			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.7	20	1903	1567	1884
2	3	86.8	20	1368	1449	1024
3	1	54.4	20	-	-	1856
4	1	60.3	20	-	-	1538
5	1	54	20	-	-	1029
6	1	63.9	20	-	-	1956
7	3	87.6	20	1583	1552	1605
8	1	60.9	20	-	-	1201
9	3	98.2	20	1091	1972	1569
10	3	93.9	20	1108	1297	1999
11	1	53.5	20	-	-	1078
12	2	77.1	20	1081	-	1053
13	3	90.2	20	1646	1068	1905
14	3	84.1	20	1993	1230	1104
15	3	100	20	1169	1013	1057
16	2	77.2	20	1308	-	1715
17	2	80.1	20	1120	-	1584
18	2	68.1	20	1296	-	1129
19	1	51.4	20	-	-	1014
20	3	91.9	20	1404	1289	1100

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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5498			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.1	15	1163	-	1498
2	2	71.4	15	1271	-	1027
3	1	56.7	15	-	-	1797
4	1	55.1	15	-	-	1290
5	2	70.1	15	1510	-	1026
6	2	67.6	15	1137	-	1479
7	3	86.1	15	1512	1175	1973
8	1	65	15	-	-	1346
9	2	70.3	15	1249	-	1395
10	2	78.5	15	1257	-	1218
11	3	97.5	15	1035	1983	1168
12	2	72.8	15	1158	-	1754
13	2	74.7	15	1975	-	1330
14	1	52.7	15	-	-	1435
15	2	77	15	1483	-	1881
16	1	56.3	15	-	-	1989
17						
18						
19						
20						

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5498			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	71.4	71.4	1051	-	1122
2	2	71	71	1063	-	1422
3	1	58.4	58.4	-	-	1847
4	1	60.4	60.4	-	-	1385
5	1	60.4	60.4	-	-	1701
6	1	56.3	56.3	-	-	1114
7	1	51.1	51.1	-	-	1405
8	3	84.8	84.8	1306	1540	1634
9	2	77.9	77.9	1508	-	1814
10	3	92.1	92.1	1187	1162	1092
11	1	59.5	59.5	-	-	1379
12	2	69.5	69.5	1997	-	1402
13	3	85.9	85.9	1182	1865	1791
14	2	70.2	70.2	1451	-	1526
15	3	86.7	86.7	1447	1598	1798
16	3	97.3	97.3	1877	1719	1321
17						
18						
19						
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Trial Number:			13			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5499.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	85.1	18	1698	1721	1998
2	3	89.1	18	1897	1022	1669
3	2	77.9	18	1944	-	1373
4	2	77.2	18	1117	-	1030
5	2	80.1	18	1670	-	1840
6	3	99.4	18	1643	1772	1062
7	3	90.2	18	1542	1361	1820
8	3	86.4	18	1491	1448	1152
9	2	77.8	18	1867	-	1702
10	2	72.5	18	1400	-	1419
11	3	90.6	18	1602	1328	1959
12	2	69.7	18	1413	-	1896
13	3	96.4	18	1055	1334	1992
14	2	80.8	18	1857	-	1546
15	1	52.3	18	-	-	1803
16	3	87.4	18	1679	1358	1957
17	1	57.1	18	-	-	1050
18	3	93.6	18	1412	1551	1337
19	1	55.7	18	-	-	1533
20						

Trial Number:			14			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5496.8			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59	12	-	-	1680
2	1	59.7	12	-	-	1495
3	3	91.1	12	1807	1226	1259
4	2	81.4	12	1966	-	1484
5	2	68.7	12	1359	-	1254
6	2	70.2	12	1805	-	1644
7	2	71.9	12	1614	-	1127
8	2	77.2	12	1747	-	1742
9	2	78	12	1207	-	1347
10	1	58.1	12	-	-	1216
11	1	66.6	12	-	-	1622
12	2	79.2	12	1918	-	1782
13	1	50.1	12	-	-	1345
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5499.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.8	18	1743	1238	1882
2	1	50.2	18	-	-	1536
3	3	87.7	18	1640	1425	1090
4	3	85.7	18	1763	1925	2000
5	2	74.9	18	1899	-	1113
6	3	99.9	18	1332	1001	1596
7	2	76.3	18	1600	-	1914
8	2	72.1	18	1911	-	1935
9	2	80.8	18	1124	-	1493
10	2	72.1	18	1314	-	1291
11	2	82.6	18	1963	-	1353
12	3	88	18	1461	1205	1924
13	1	65.8	18	-	-	1565
14	2	81.5	18	1752	-	1780
15	3	88.4	18	1831	1727	1233
16	3	97.1	18	1748	1739	1543
17	3	89.8	18	1269	1801	1769
18	2	72.2	18	1693	-	1799
19						
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5498			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	62.4	15	-	-	1371
2	3	92.4	15	1561	1700	1139
3	1	64.4	15	-	-	1408
4	2	77.6	15	1006	-	1052
5	3	87.6	15	1109	1842	1295
6	3	94.1	15	1294	1509	1450
7	1	57.7	15	-	-	1621
8	1	59.1	15	-	-	1192
9	1	57	15	-	-	1995
10	1	58.1	15	-	-	1322
11	2	72.1	15	1838	-	1816
12	1	62.2	15	-	-	1439
13	2	78.3	15	1043	-	1864
14	1	61.2	15	-	-	1515
15	3	93.4	15	1299	1892	1301
16	3	90.4	15	1902	1559	1775
17						
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19						
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5494.8			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.9	7	1505	-	1563
2	3	96.2	7	1277	1200	1115
3	3	93.2	7	1839	1676	1096
4	2	66.7	7	1463	-	1781
5	1	62.4	7	-	-	1984
6	1	57.3	7	-	-	1672
7	2	67.2	7	1994	-	1835
8	3	83.7	7	1528	1936	1708
9	2	78.3	7	1000	-	1525
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5496			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.6	10	1047	1724	1894
2	1	58.5	10	-	-	1420
3	3	93.4	10	1019	1103	1251
4	1	52.9	10	-	-	1042
5	3	88.8	10	1548	1530	1907
6	3	83.5	10	1663	1800	1011
7	2	80.1	10	1629	-	1204
8	3	88.3	10	1947	1825	1470
9	3	85.9	10	1758	1738	1588
10	1	54.2	10	-	-	1460
11	3	86.8	10	1891	1919	1953
12	3	85.7	10	1348	1386	1098
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5499.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	64.1	19	-	-	1821
2	1	62.6	19	-	-	1773
3	3	93.6	19	1349.000	1410.000	1952
4	2	78	19	1112.000	-	1072
5	1	65.8	19	-	-	1723
6	3	92.9	19	1573.000	1806.000	1149
7	2	68.1	19	1123.000	-	1544
8	1	50	19	-	-	1625
9	2	68.6	19	1941.000	-	1960
10	3	93.9	19	1734.000	1796.000	1718
11	2	71.4	19	1199.000	-	1480
12	3	94.6	19	1547.000	1969.000	1239
13	2	75.4	19	1795.000	-	1650
14	1	53.6	19	-	-	1728
15	3	92.3	19	1765.000	1674.000	1261
16	1	53.9	19	-	-	1929
17	2	73	19	1183.000	-	1901
18	1	59.7	19	-	-	1293
19	1	55.1	19	-	-	1750
20	2	75.1	19	1610.000	-	1248

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5496			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	80.8	10	1655	-	1362
2	3	99.4	10	1253	1593	1440
3	3	100	10	1570	1430	1234
4	3	85.5	10	1722	1970	1788
5	1	64.3	10	-	-	1240
6	1	56.1	10	-	-	1786
7	2	68.2	10	1079	-	1932
8	2	74.6	10	1015	-	1185
9	3	92	10	1243	1466	1315
10	2	73.9	10	1032	-	1789
11	3	92.4	10	1215	1623	1156
12	1	56.9	10	-	-	1048
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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5564			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56.6	10	-	-	1503
2	1	54.7	10	-	-	1099
3	1	63.7	10	-	-	1916
4	3	83.6	10	1823	1474	1325
5	3	99.6	10	1940	1458	1180
6	3	88.8	10	1776	1275	1566
7	3	96.7	10	1564	1571	1206
8	1	64.4	10	-	-	1654
9	3	99.2	10	1154	1609	1181
10	3	83.6	10	1753	1535	1787
11	1	59.6	10	-	-	1497
12	3	93.8	10	1813	1490	1499
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5561.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.2	16	1237	1477	1541
2	3	98.9	16	1829	1340	1300
3	2	77.6	16	1487	-	1817
4	3	85.1	16	1177	1329	1951
5	3	91.3	16	1931	1285	1845
6	2	76.2	16	1153	-	1492
7	1	65.3	16	-	-	1236
8	2	76.1	16	1161	-	1506
9	3	99.2	16	1607	1012	1504
10	1	61.7	16	-	-	1438
11	1	54.9	16	-	-	1133
12	1	64.8	16	-	-	1637
13	1	62.6	16	-	-	1273
14	1	58.1	16	-	-	1971
15	1	63.6	16	-	-	1660
16	1	59.6	16	-	-	1631
17	2	74.6	16	1394	-	1392
18						
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5565.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	93.6	7	1324	1711	1146
2	1	58	7	-	-	1311
3	3	94.8	7	1416	1611	1887
4	1	51.4	7	-	-	1268
5	1	64.4	7	-	-	1452
6	3	88	7	1594	1955	1687
7	2	70.7	7	1025	-	1591
8	3	89.9	7	1080	1930	1247
9	1	58.7	7	-	-	1044
10	1	54.3	7	-	-	1195
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5560			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.2	20	1427	1246	1555
2	1	63.1	20	-	-	1286
3	3	90.7	20	1688	1482	1883
4	2	76	20	1007	-	1834
5	3	97.2	20	1142	1889	1228
6	3	89.8	20	1517	1194	1683
7	1	56.2	20	-	-	1501
8	3	98.4	20	1686	1740	1554
9	1	65.5	20	-	-	1270
10	2	78.6	20	1641	-	1488
11	2	83.1	20	1343	-	1915
12	2	83.3	20	1151	-	2000
13	1	65.7	20	-	-	1927
14	1	58.6	20	-	-	1590
15	1	66.2	20	-	-	1287
16	1	57.8	20	-	-	1550
17	3	95	20	1170	1759	1682
18	3	99.8	20	1335	1638	1737
19	3	99	20	1453	1756	1761
20	2	70.9	20	1085	-	1131

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Trial Number:			25			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5565.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.5	6	1166	1923	1241
2	2	75.1	6	1974	-	1009
3	3	87	6	1305	1202	1164
4	3	89.9	6	1771	1363	1620
5	1	55.5	6	-	-	1421
6	2	75.6	6	1886	-	1976
7	1	64.9	6	-	-	1716
8	3	92.3	6	1159	1862	1229
9	2	72.7	6	1376	-	1356
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Trial Number:			26			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5565.2			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.8	7	-	-	1087
2	1	56.8	7	-	-	1020
3	3	95.3	7	1388	1766	1582
4	2	82.6	7	1186	-	1878
5	2	71.8	7	1472	-	1467
6	2	81.1	7	1946	-	1160
7	1	63	7	-	-	1912
8	1	58.5	7	-	-	1603
9	3	85.7	7	1136	1848	1082
10	1	57.7	7	-	-	1824
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Trial Number:			27			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5563.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.1	11	1785	-	1041
2	1	56.3	11	-	-	1178
3	1	59.7	11	-	-	1378
4	3	98.2	11	1017	1736	1945
5	2	81.1	11	1214	-	1888
6	3	91.5	11	1442	1658	1054
7	1	60.2	11	-	-	1354
8	3	92.3	11	1697	1058	1173
9	3	86.1	11	1982	1355	1627
10	3	85.3	11	1431	1036	1843
11	1	56.6	11	-	-	1699
12	3	93.1	11	1485	1685	1045
13	2	70.9	11	1203	-	1577
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Trial Number:			28			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5560.8			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91	18	1094	1418	1004
2	3	87.8	18	1105	1934	1459
3	1	62.8	18	-	-	1276
4	1	59.1	18	-	-	1741
5	2	76.2	18	1406	-	1265
6	1	50.7	18	-	-	1318
7	2	70.4	18	1950	-	1870
8	2	71.6	18	1454	-	1579
9	2	74.8	18	1128	-	1524
10	1	63.9	18	-	-	1890
11	2	75.6	18	1545	-	1657
12	1	54.6	18	-	-	1280
13	2	71.8	18	1263	-	1885
14	3	87.9	18	1437	1920	1556
15	1	50.7	18	-	-	1071
16	3	94	18	1369	1895	1423
17	2	77.6	18	1964	-	1900
18	1	53.2	18	-	-	1858
19	3	99.3	18	1106	1119	1409
20						

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Trial Number:			29			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5564.4			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59.2	9	-	-	1309
2	3	92.1	9	1417	1367	1745
3	2	73.8	9	1539	-	1794
4	1	64.5	9	-	-	1040
5	2	81.7	9	1086	-	1514
6	2	77	9	1225	-	1165
7	1	55.9	9	-	-	1645
8	3	98.5	9	1938	1374	1961
9	3	95.4	9	1138	1411	1272
10	2	83.3	9	1140	-	1145
11	2	78.8	9	1689	-	1585
12						
13						
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Trial Number:			30			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5565.6			Y
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	57	6	-	-	1489
2	1	66.1	6	-	-	1339
3	2	67.8	6	1476	-	1664
4	3	86	6	1706	1457	1274
5	1	54.2	6	-	-	1906
6	3	94.8	6	1471	1662	1260
7	1	58.9	6	-	-	1790
8	2	72	6	1172	-	1836
9						
10						
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