FCC DFS TEST REPORT

FCC ID	:	**TVE-37146T064**
Equipment	:	**Secured Wireless Access Point**
Brand Name	:	**FORTINET**
Model Name	:	**FAP-321Exxxxxx, FortiAP 321Exxxxxx, FORTIAP-321Exxxxxx (where "x" can be used as "A-Z" or "0-9" or "-" or blank for software changes or marking purposes only)**
Applicant	:	**Fortinet, Inc. 899 Kifer Road, Sunnyvale CA 94086, USA**
Manufacturer	:	**SHENZHEN TENDA TECHNOLOGY CO.,LTD 6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China 518052**
Standard	:	**FCC Part 15 Subpart E**

The product was received on Jan. 09, 2020 and testing was started from Jan. 09, 2020 and completed on Jan. 10, 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
FZ191028001-01	01	Initial issue of report	Jan. 14, 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 Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Antenna Type	WLAN <Ant. 1>: Internal Antenna <Ant. 2>: Internal Antenna <Ant. 3>: Internal Antenna
SW Version	FP321E-v6.0-build5575

1.2 Modification of EUT

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

1.3 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	

1.4 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.

1.5 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.

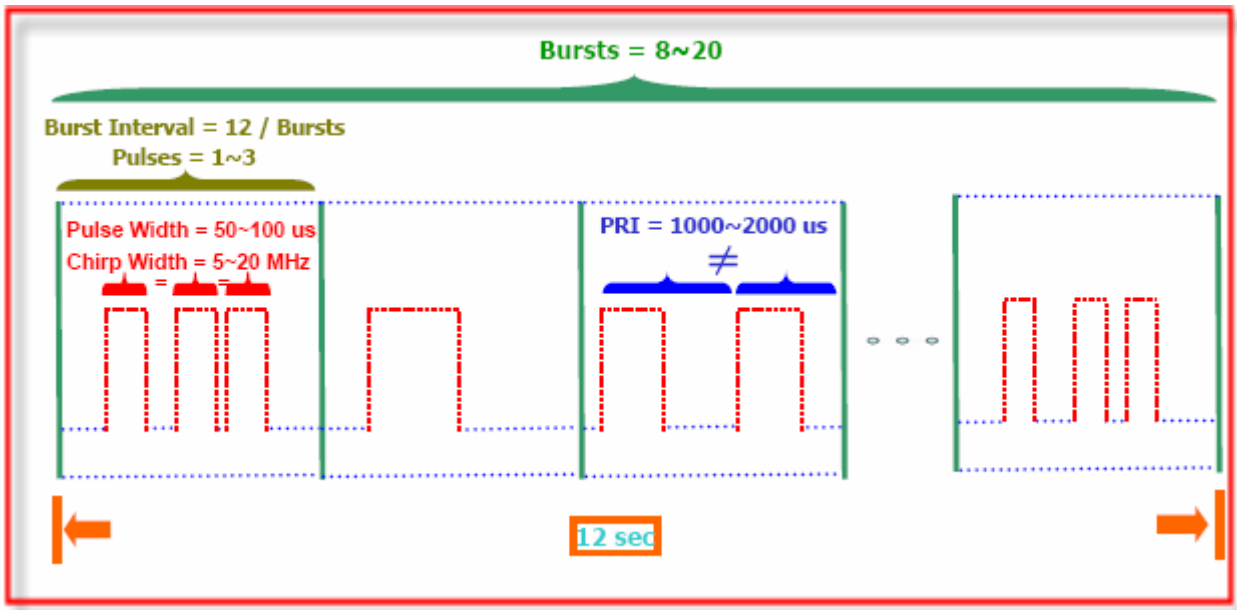
(3) Burst 1 has 2 randomly generated pulses.

(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.

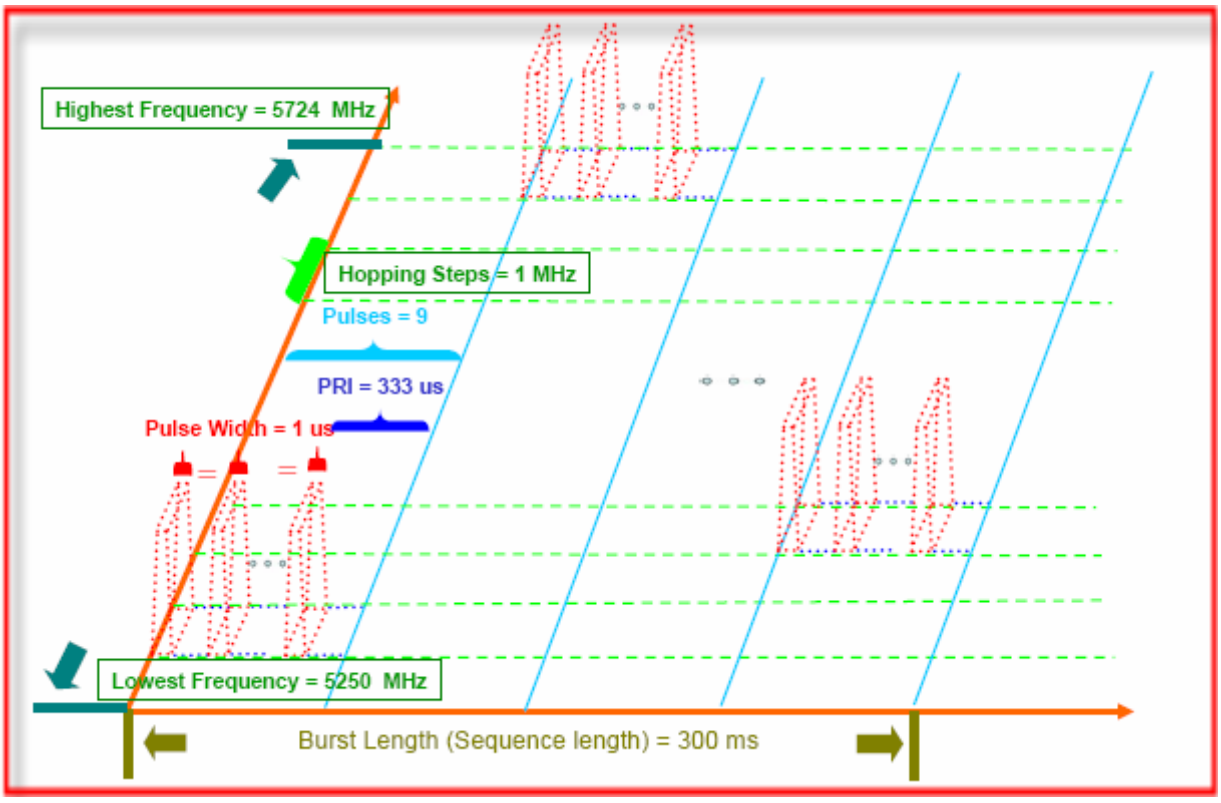
(7) Each Burst is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, Burst 1 is randomly generated (1 to 1,500,000 minus the total Burst 1 length + 1 random PRI interval) at the 325,001 microsecond step. Bursts 2 through 8 randomly fall in successive 1,500,000 microsecond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



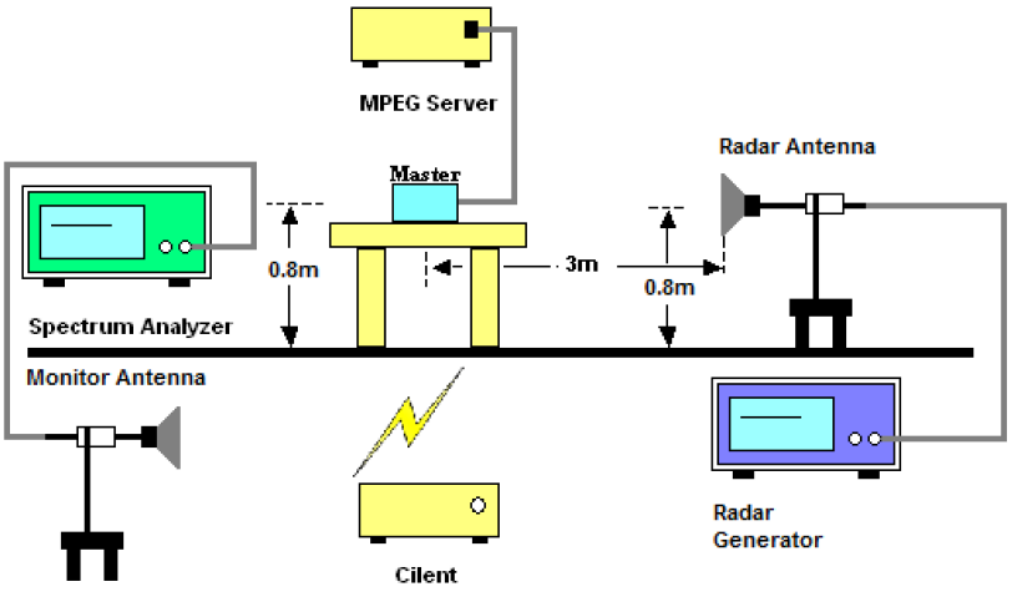
3 Calibration Setup and DFS Test Results

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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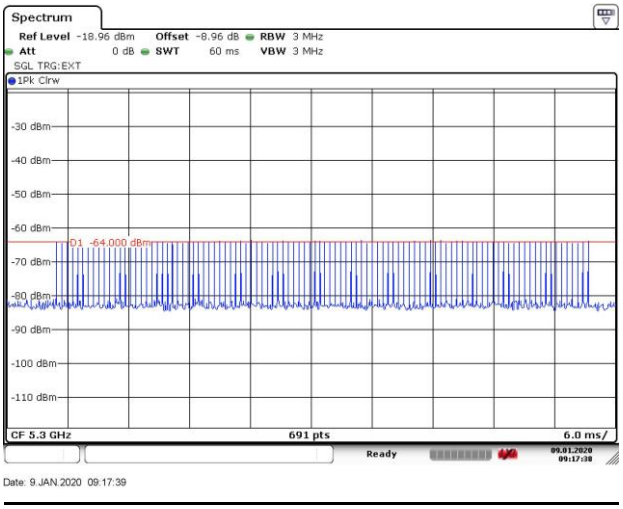	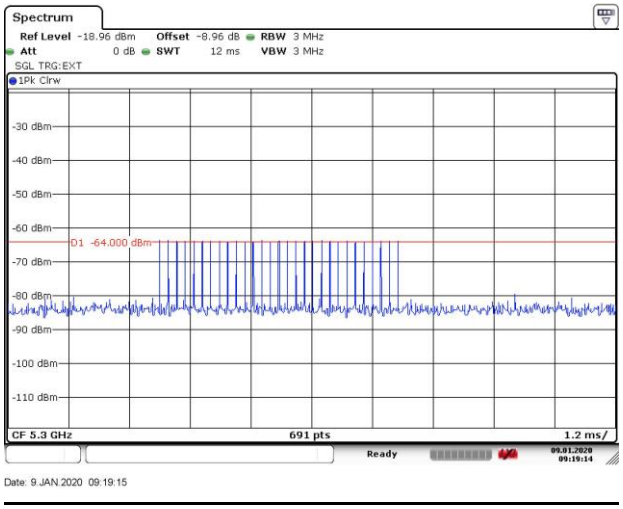
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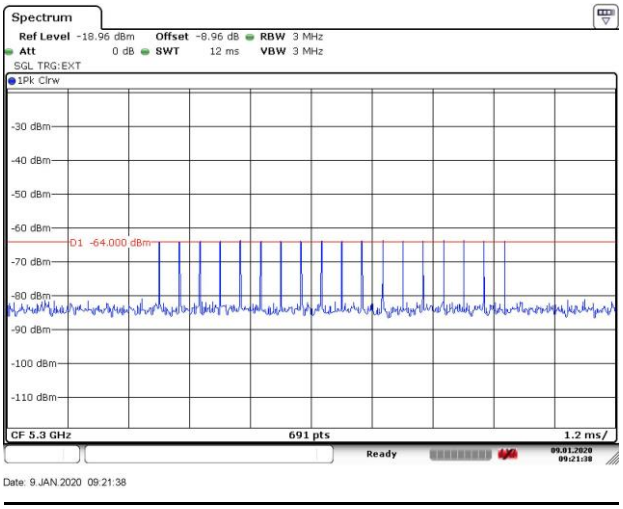	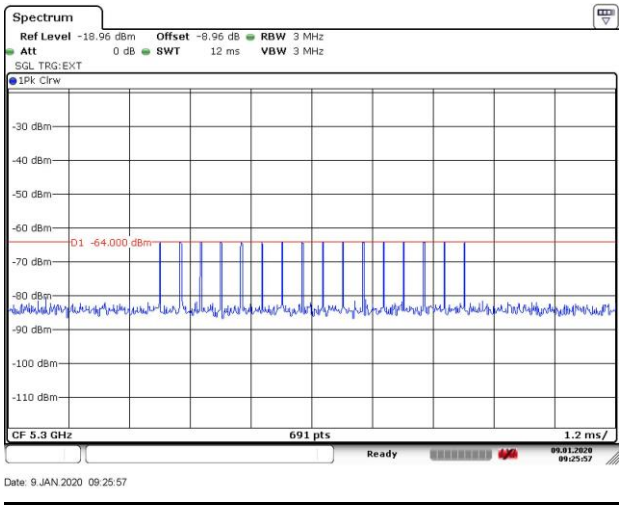

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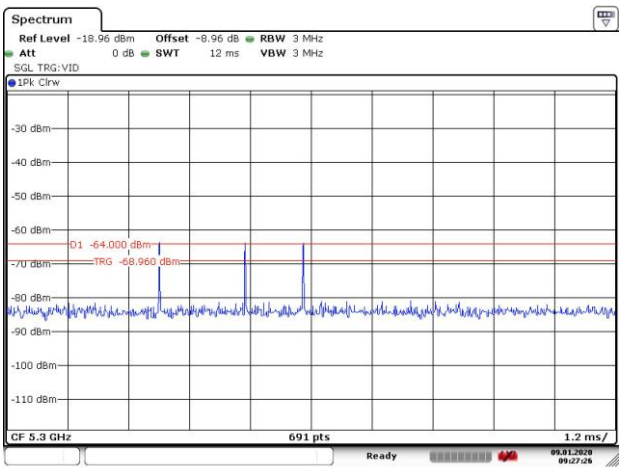	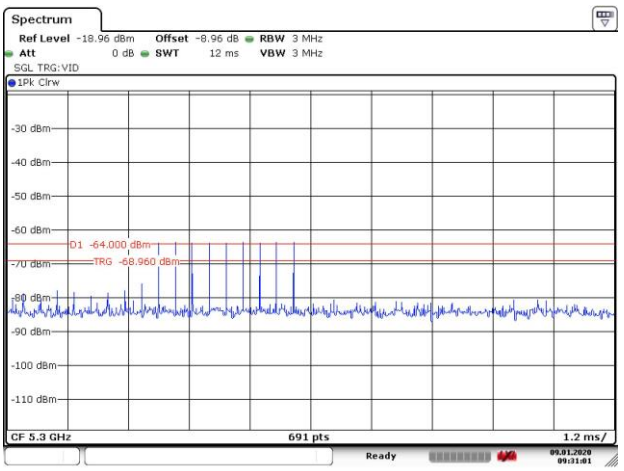

<40MHz / 5310MHz>

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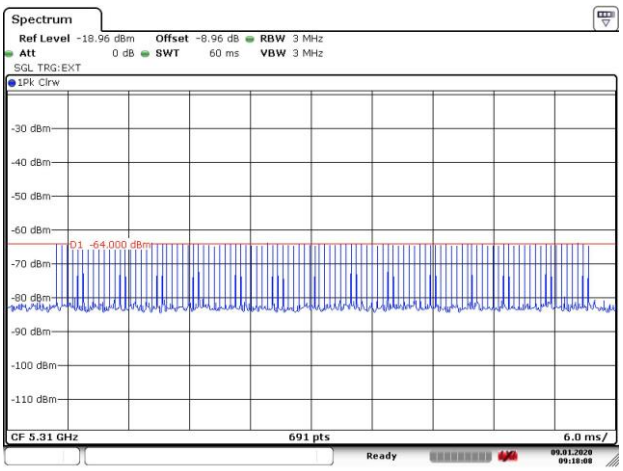	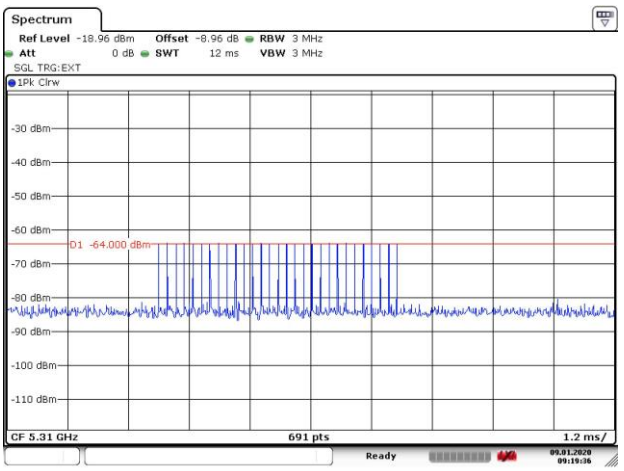

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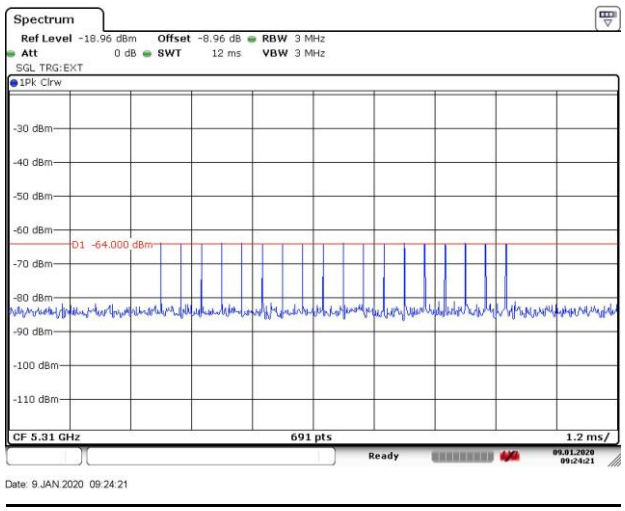	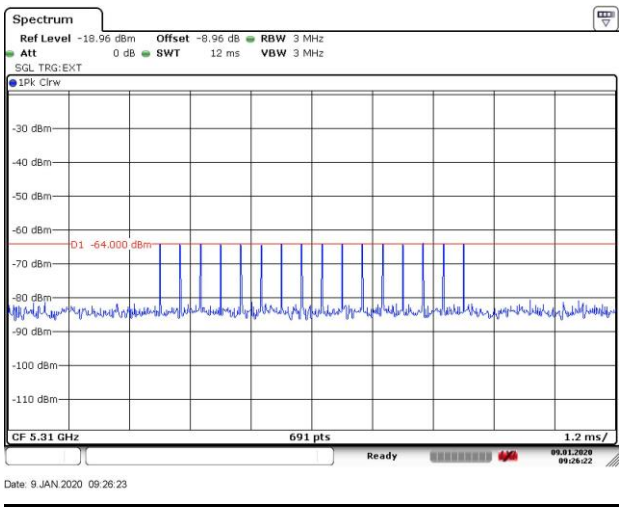
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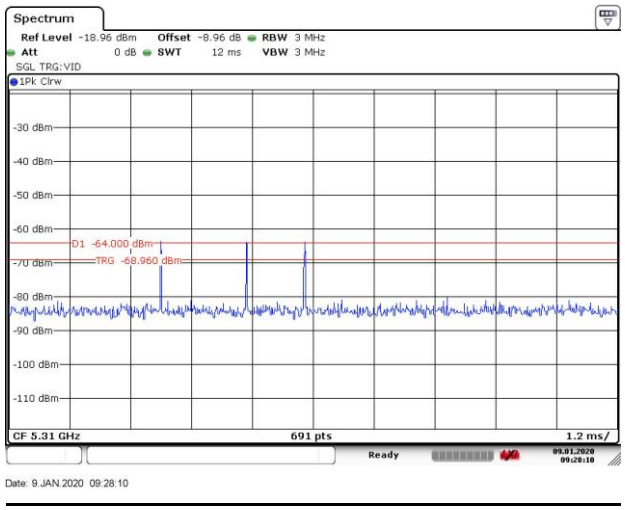	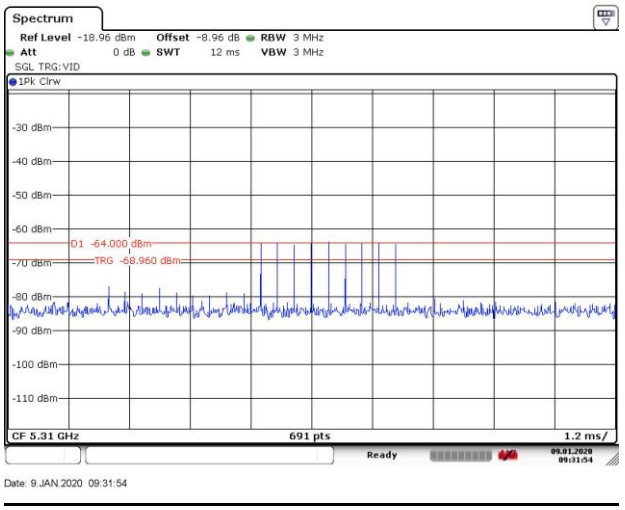

<80MHz / 5290MHz>

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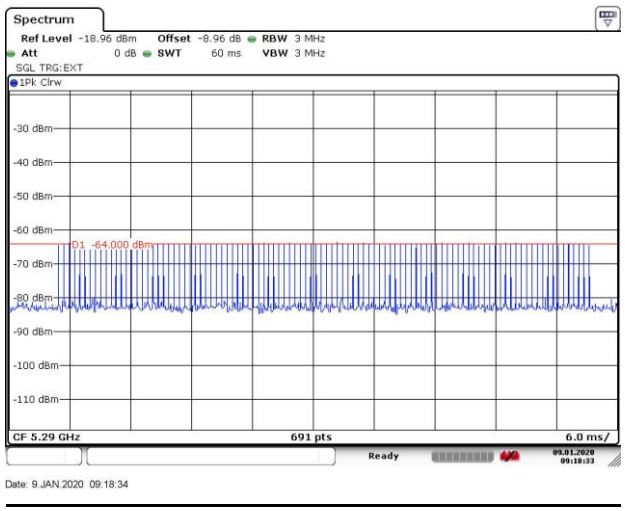	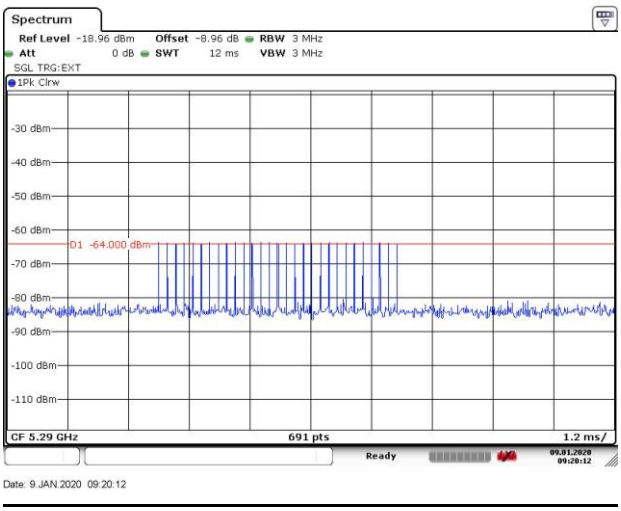
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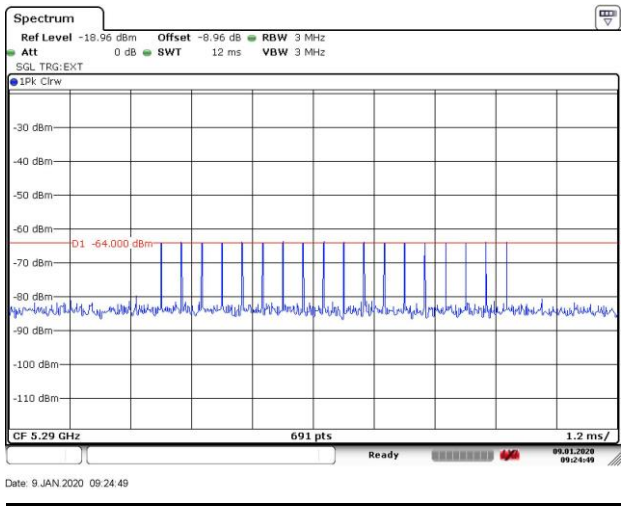	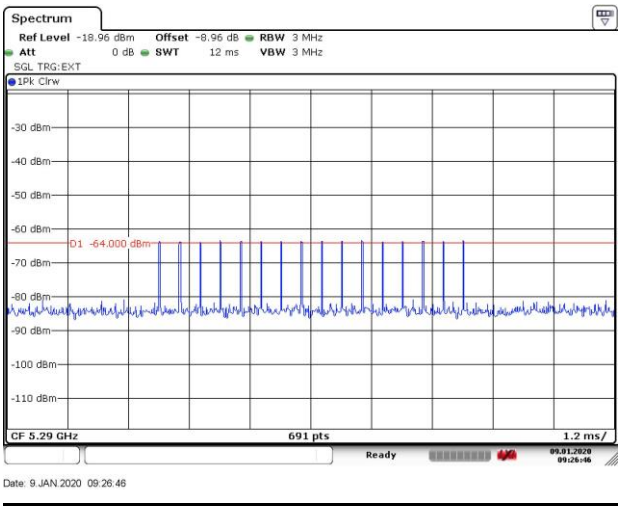

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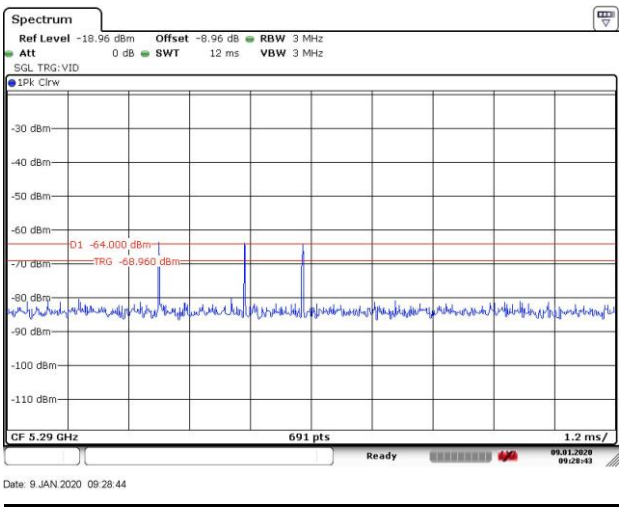	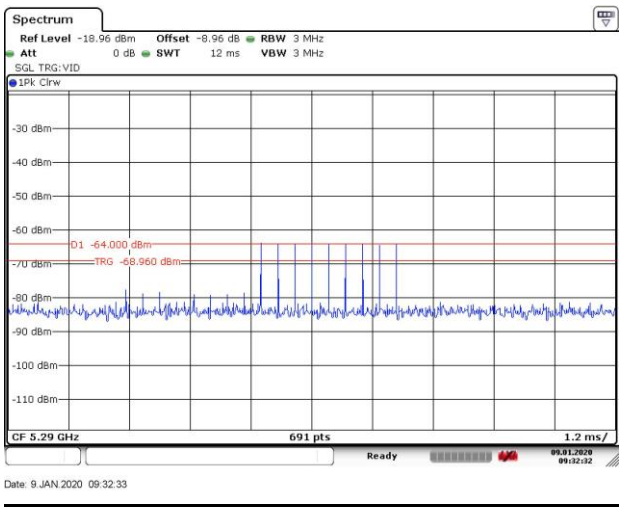

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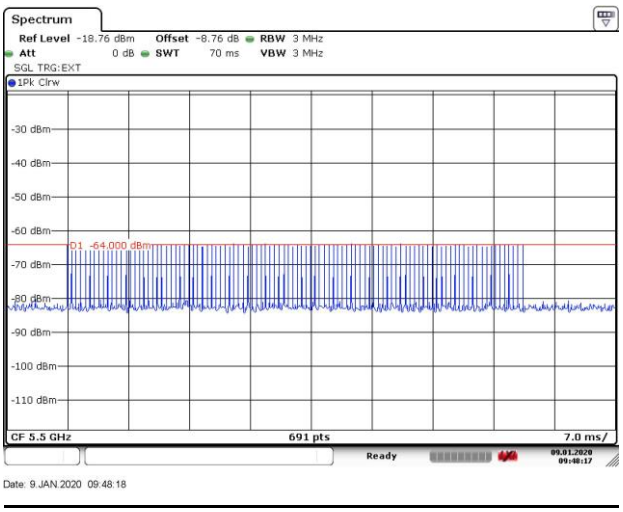	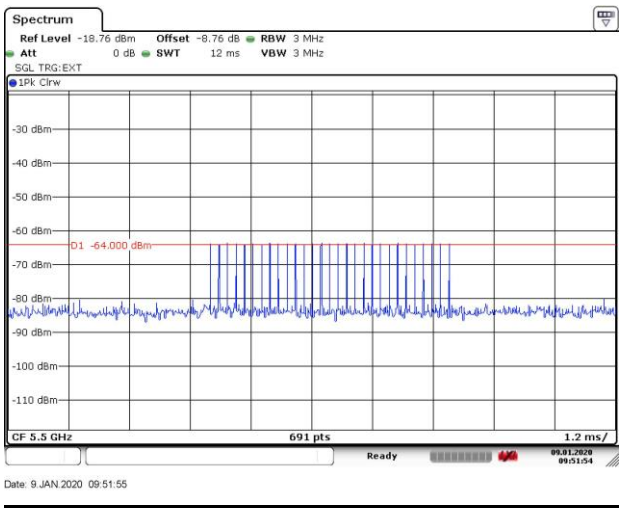

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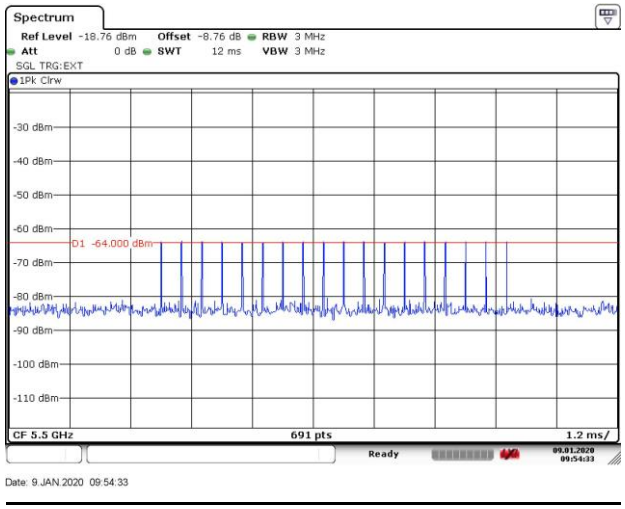	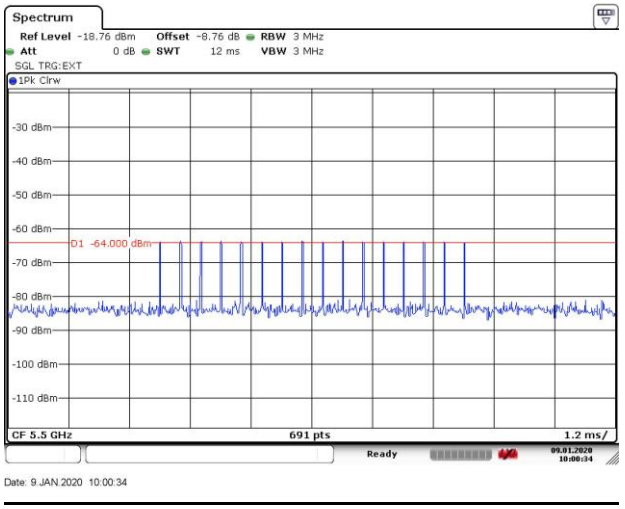
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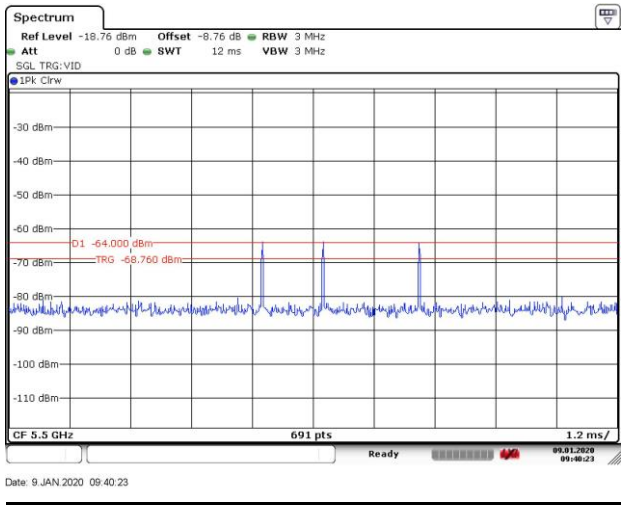
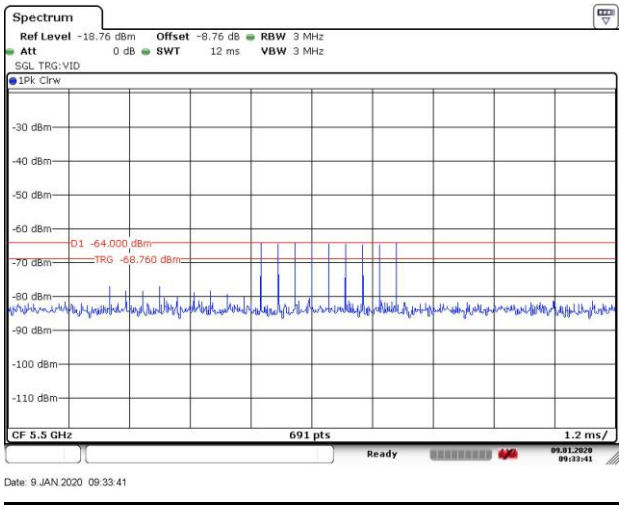
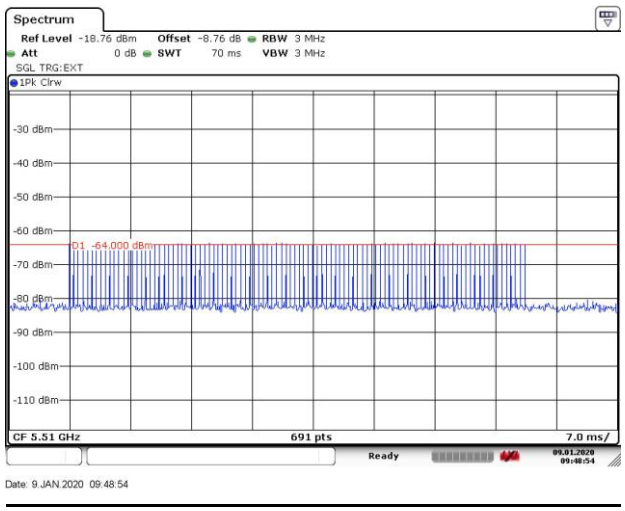
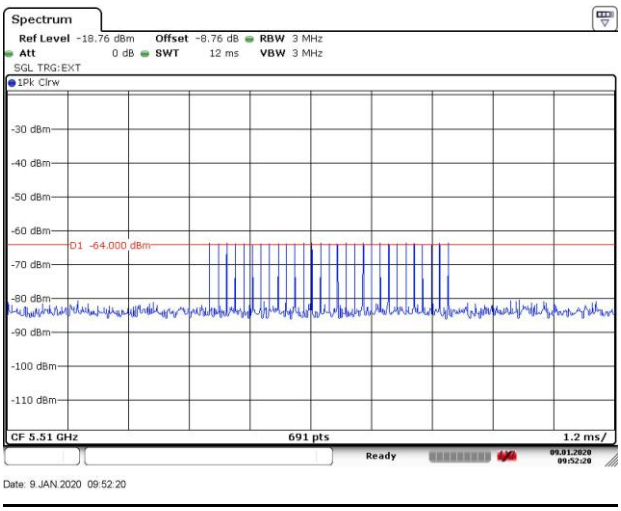
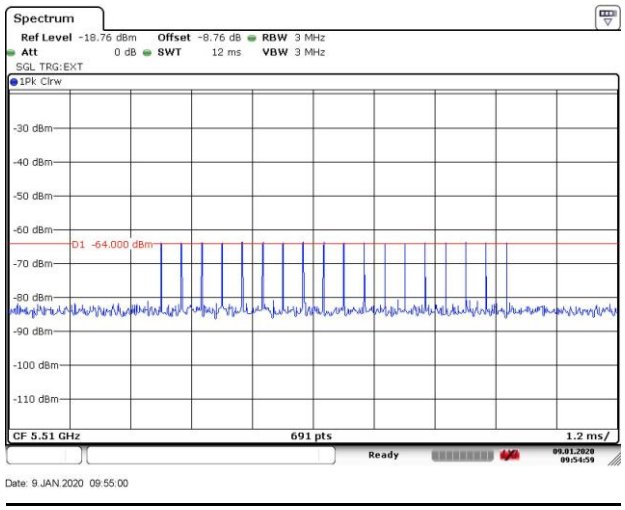
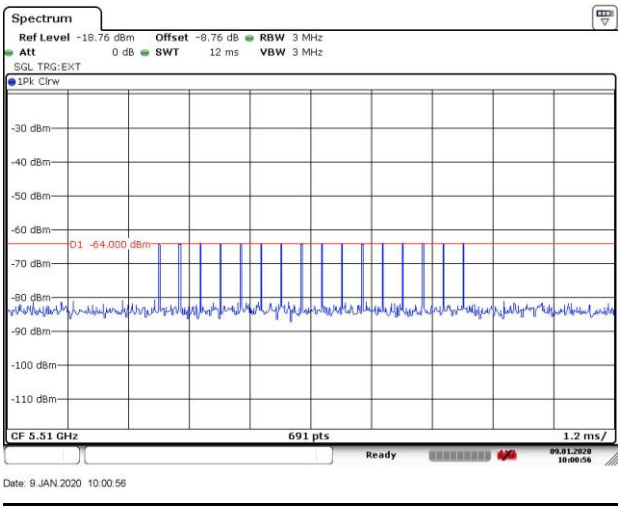
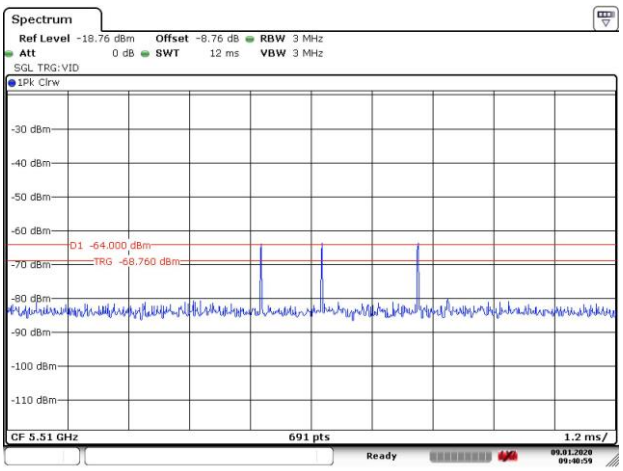
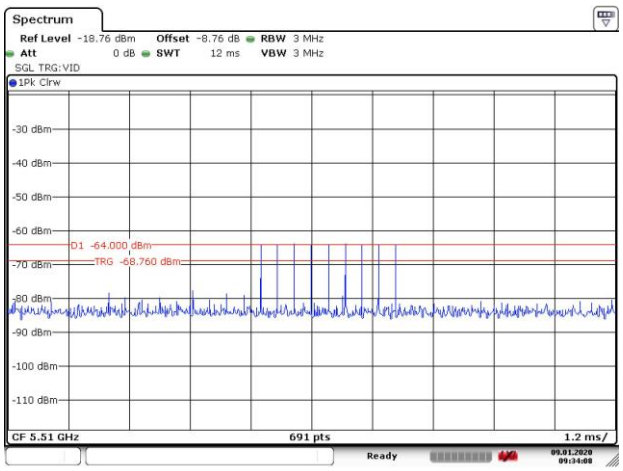
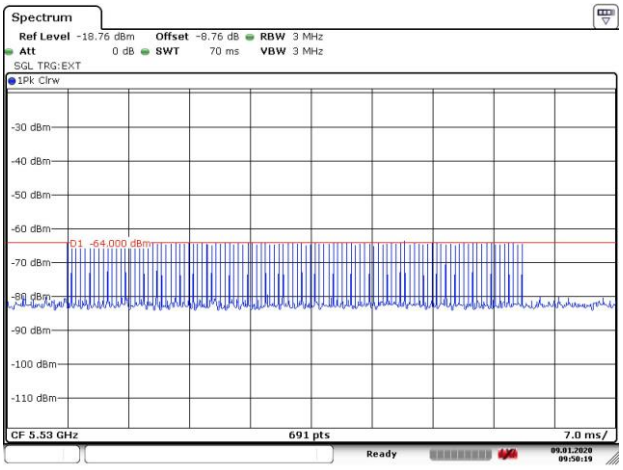
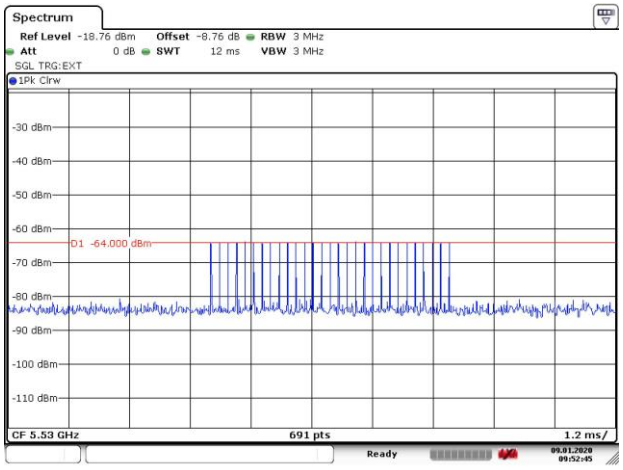
	

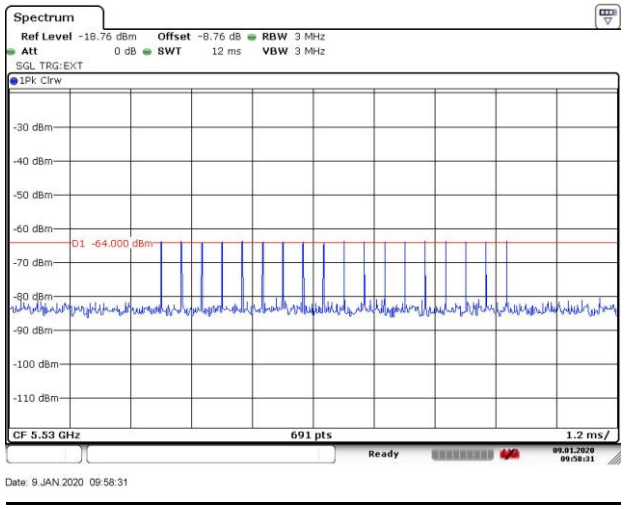
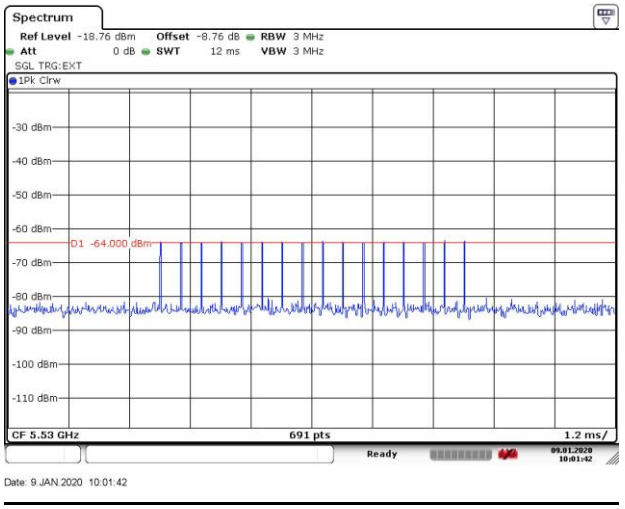
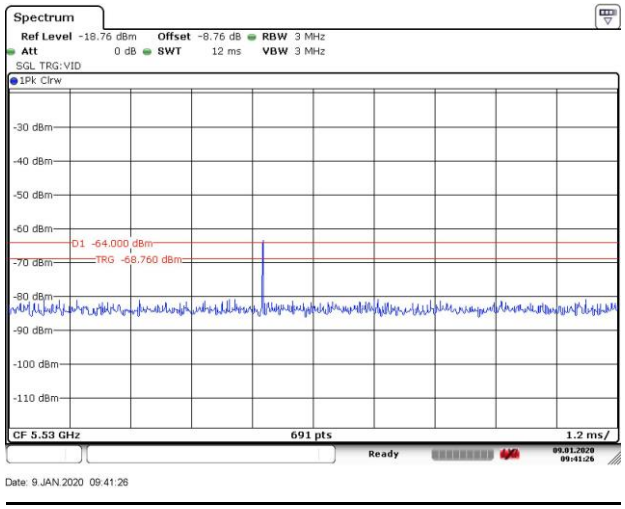
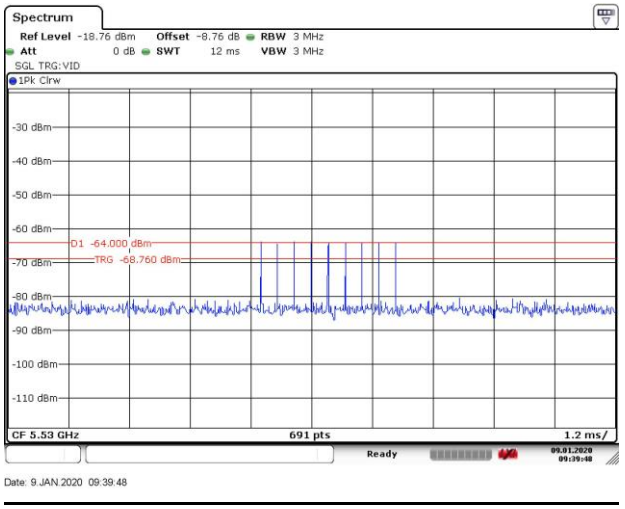
<40MHz / 5510MHz>

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

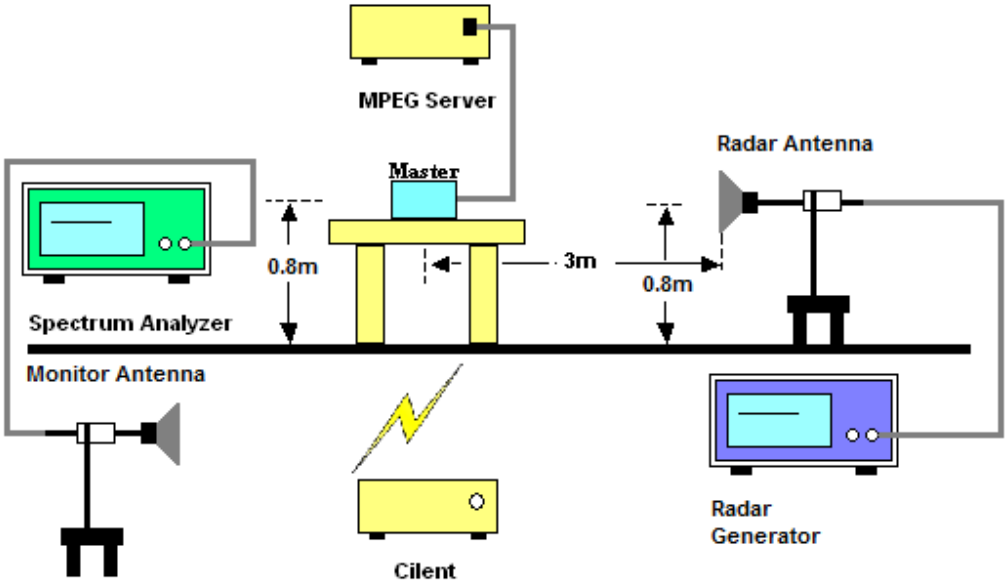
3.2.1 Limit of U-NII Detection Bandwidth

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		
5290	-10	N	N	N	N	N	N	N	N	N	N	0%	
5291	-9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	**F_L**
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** – **5291** = **19** MHz EUT 99% Bandwidth = **17.713** 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 = **36.382** 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 = **76.585** 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 = $F_H - F_L$ = **5310** – **5290** = **20** MHz EUT 99% Bandwidth = **18.061** 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 = **37.164** 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 = $F_H - F_L$ = **5330** – **5250** = **80** MHz EUT 99% Bandwidth = **77.974** 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.

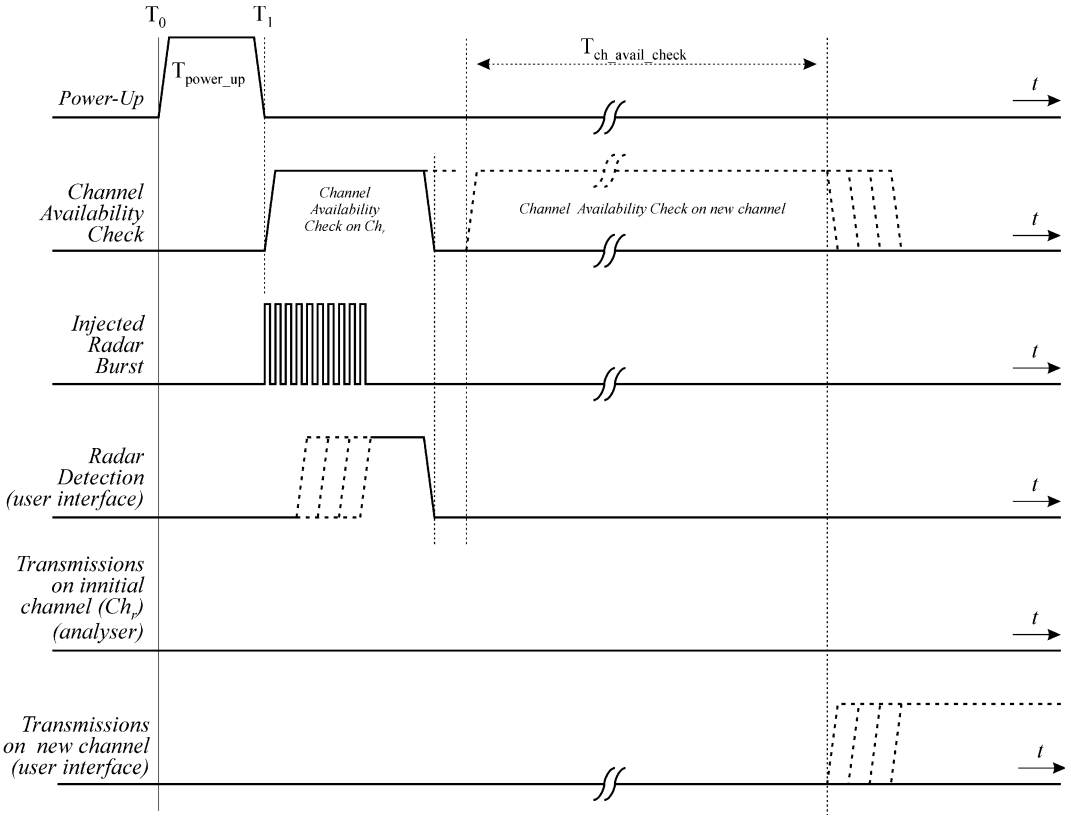


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time

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.

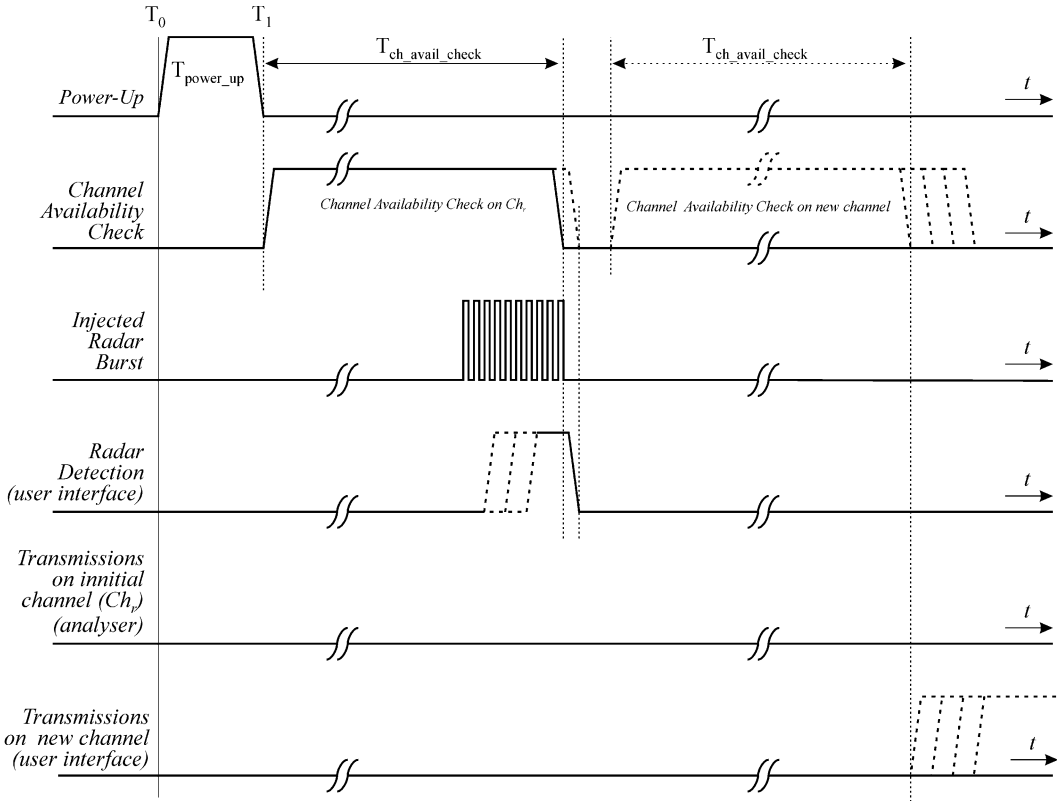
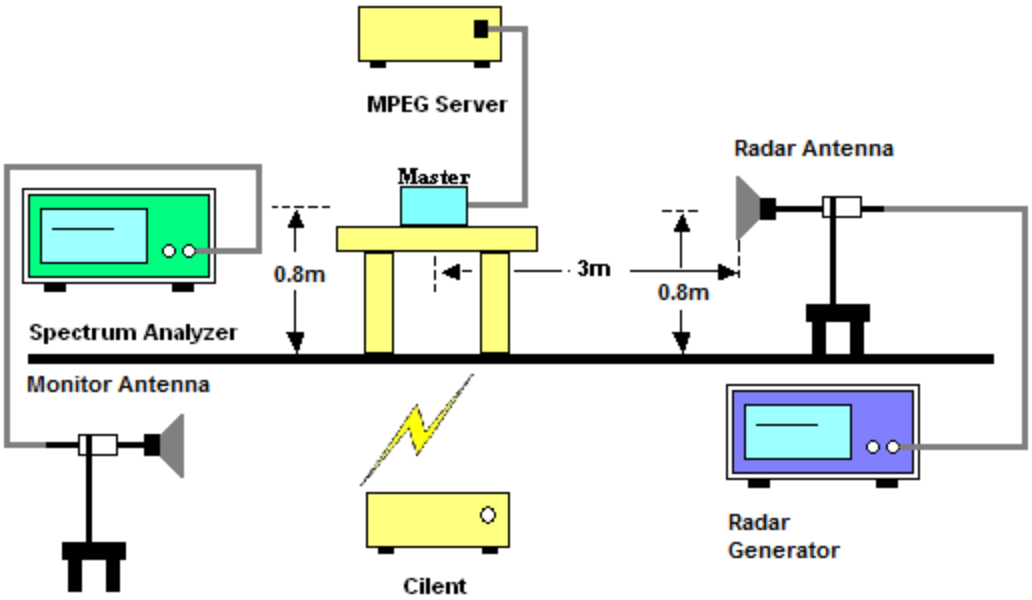


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time

3.3.5 Test Setup

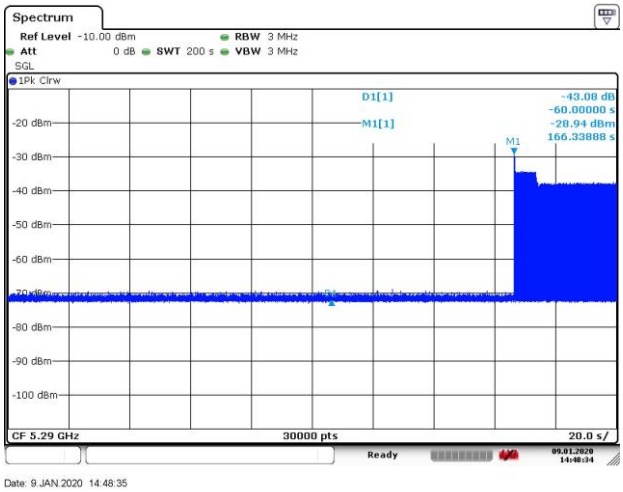
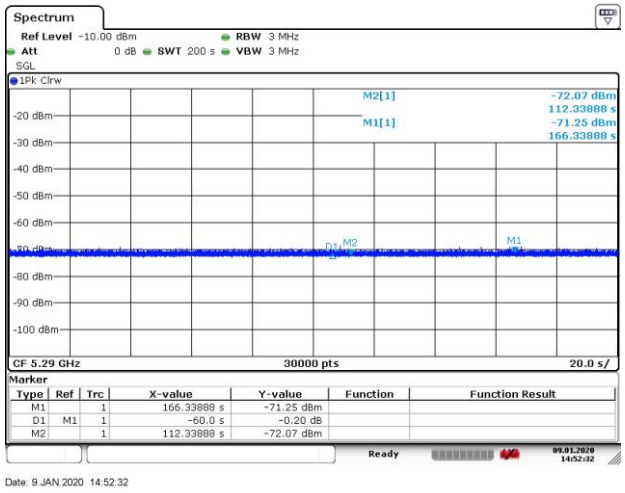
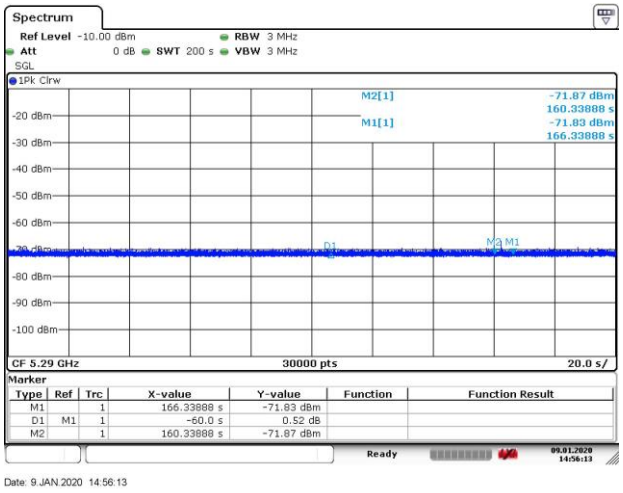


3.3.6 Test Deviation

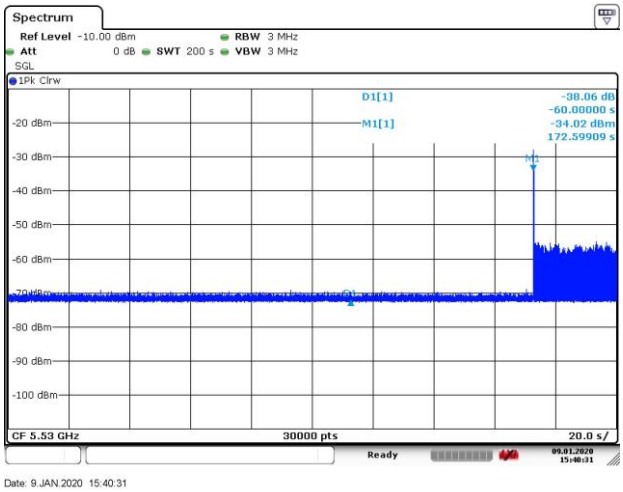
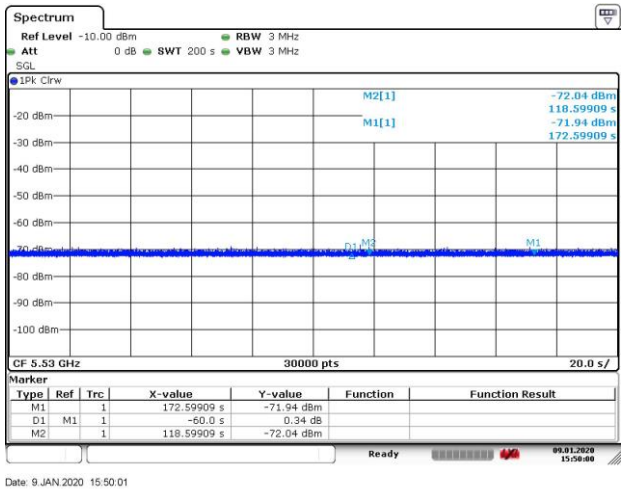
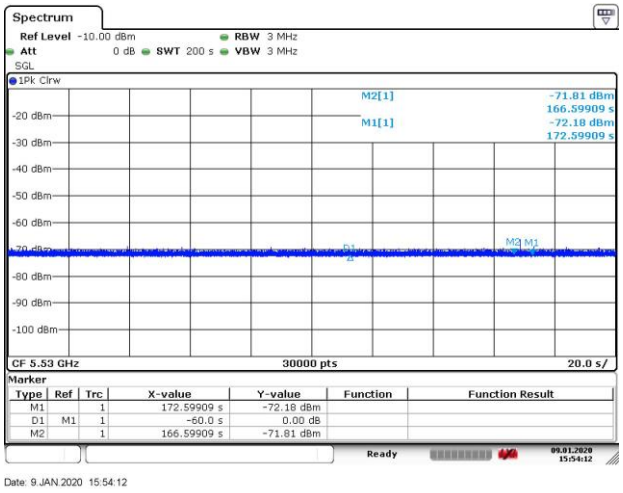
There is no deviation with the original standard.

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

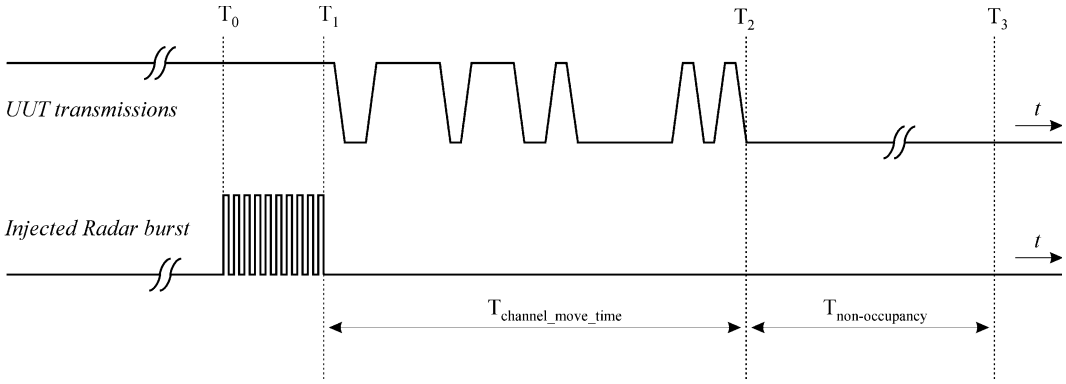
3.4.1 Limit of In-Service Monitoring

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.

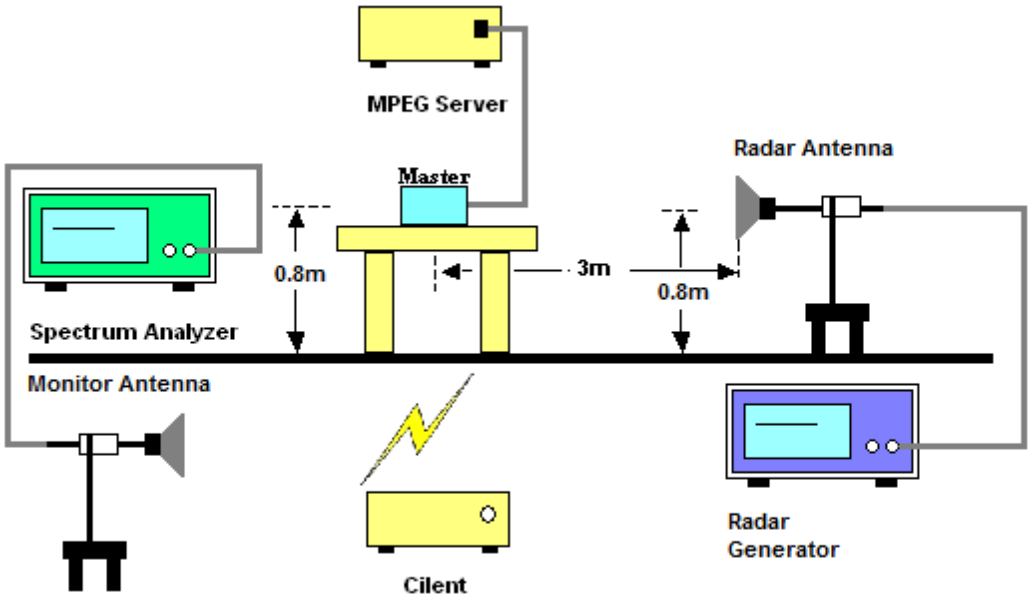
(7) When operating as a Master Device, monitor the EUT for more than 30 minutes following instant T2 to verify that the EUT does not resume any transmissions on this Channel. Perform this test once and record the measurement result.



(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

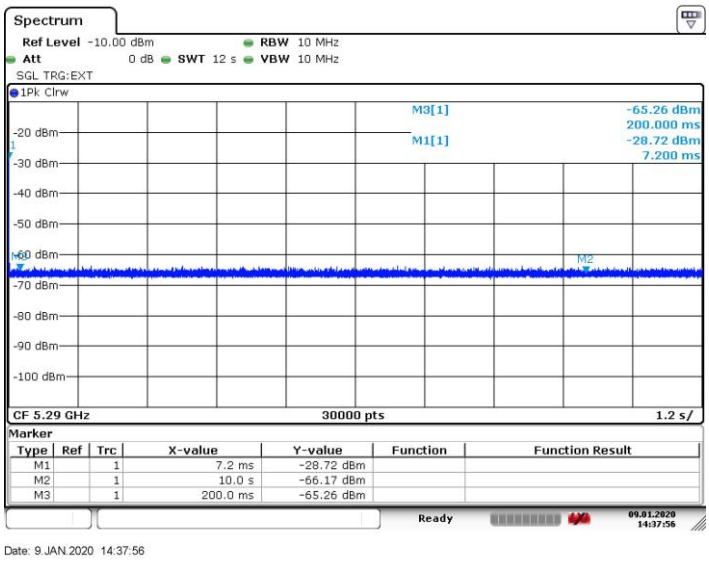
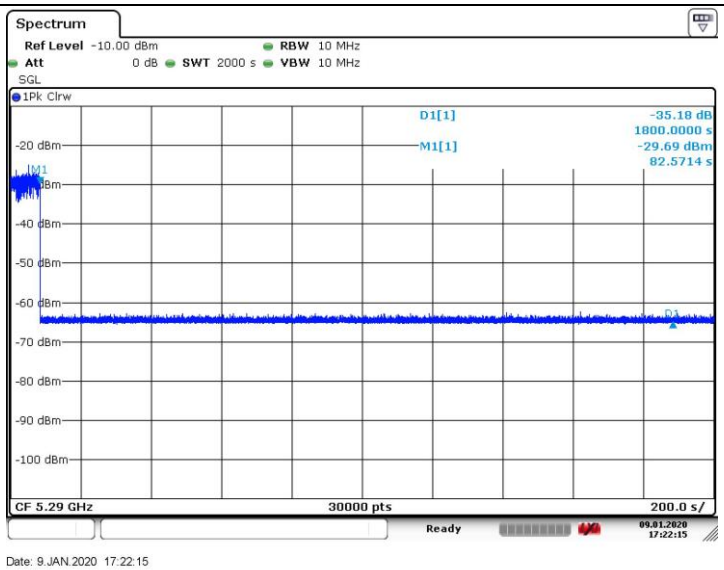
Test Mode :	Master	Temperature :	20.4 ~ 22.4℃
Test Engineer :	Andrew Van	Relative Humidity :	51 ~ 54%

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
80MHz / 5290MHz	Channel Move Time	0.0072 s	＜ 10s	Pass
	Channel Closing Transmission Time	200ms + 0 ms	＜ 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass

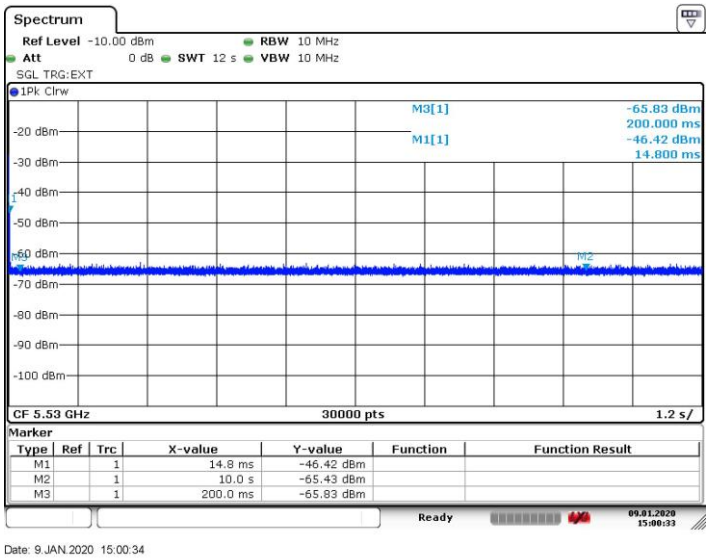
BW / Channel	Test Item	Test Result	Limit	Pass/Fail
80MHz / 5530MHz	Channel Move Time	0.0148 s	＜ 10s	Pass
	Channel Closing Transmission Time	200ms + 0 ms	＜ 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass

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

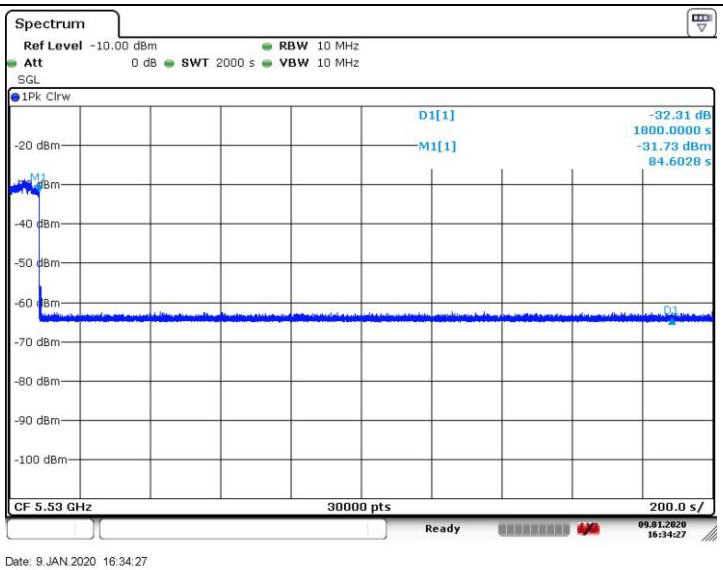
<80MHz / 5290MHz> In-Service Monitoring
Channel Move Time & Channel Closing Transmission Time

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 / 5530MHz> In-Service Monitoring
Channel Move Time & Channel Closing Transmission Time



Date: 9.JAN.2020 15:00:34

Non-Occupancy Period



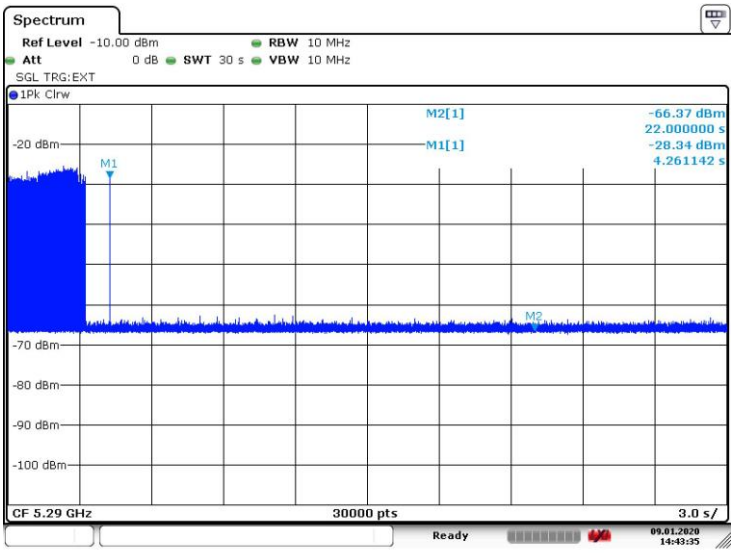
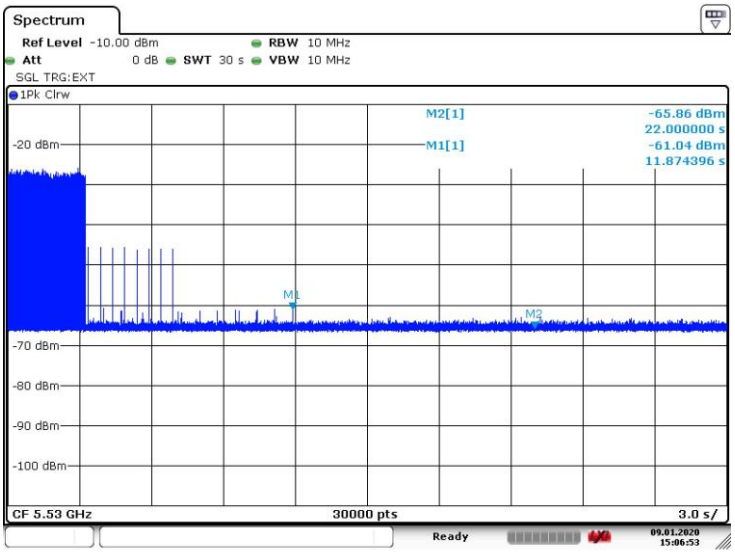
Date: 9.JAN.2020 16:34:27

Note:

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

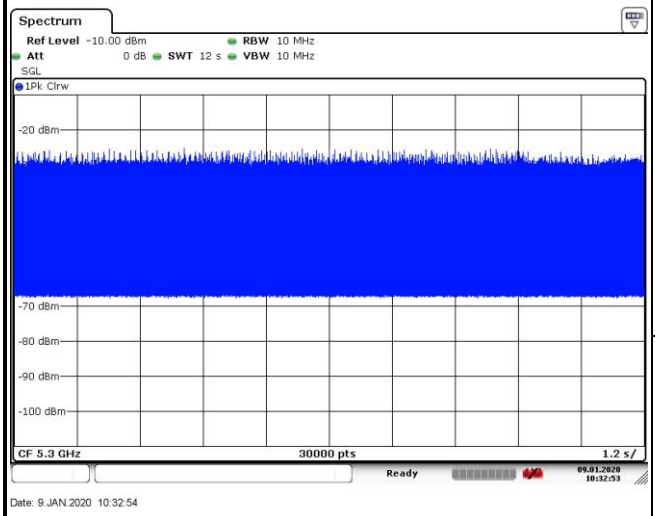
Channel Closing Transmission Time (200 + 0ms) = 200 + Number (0) X Dwell (0.4 ms) < 260ms

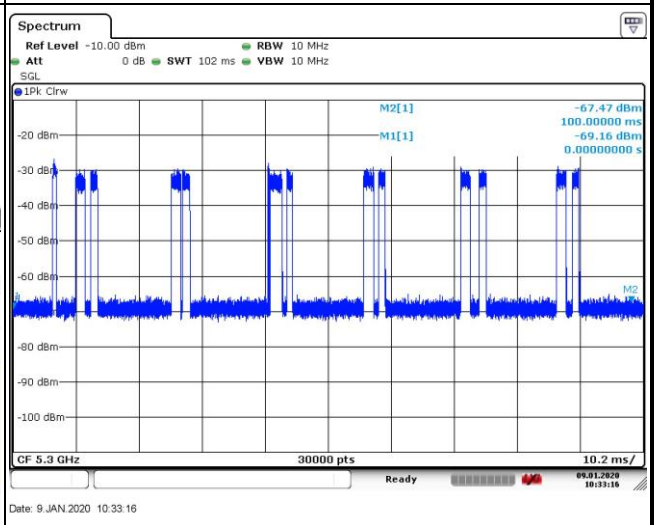
3.4.7 Long Pulsed Radar Type Channel Move Time Test Plots (22second)

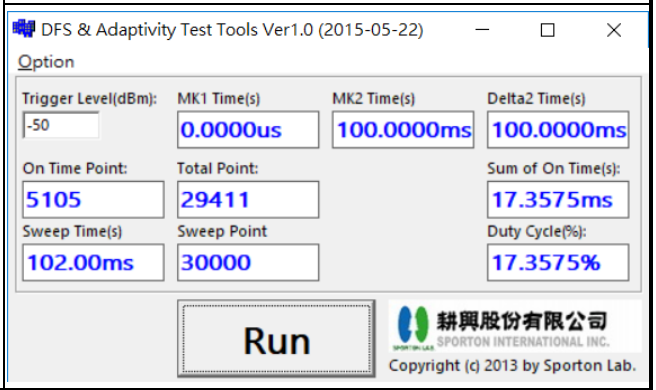
<80MHz / 5290MHz> Radar Type 5
Channel Move Time

<80MHz / 5530MHz> Radar Type 5
Channel Move Time


3.4.8 Data Traffic Channel Loading and Noise Floor Plots

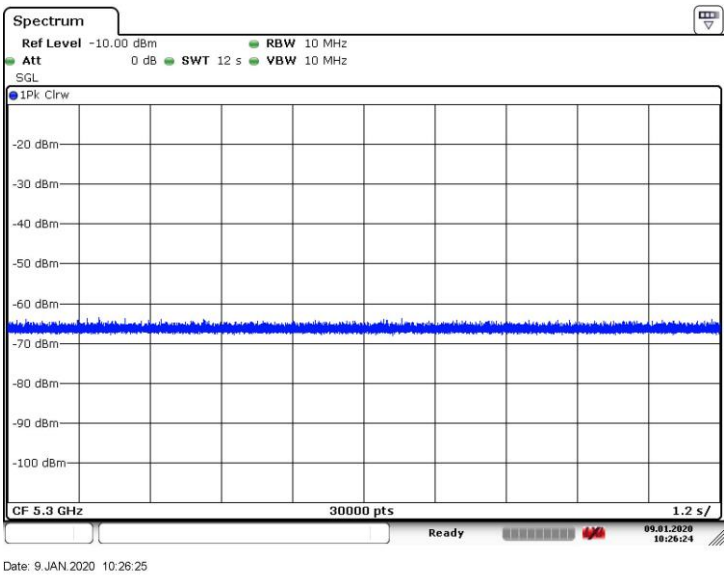
EUT data traffic (Master)	Channel Loading > 17% (Master)







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 = $P_d N$

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

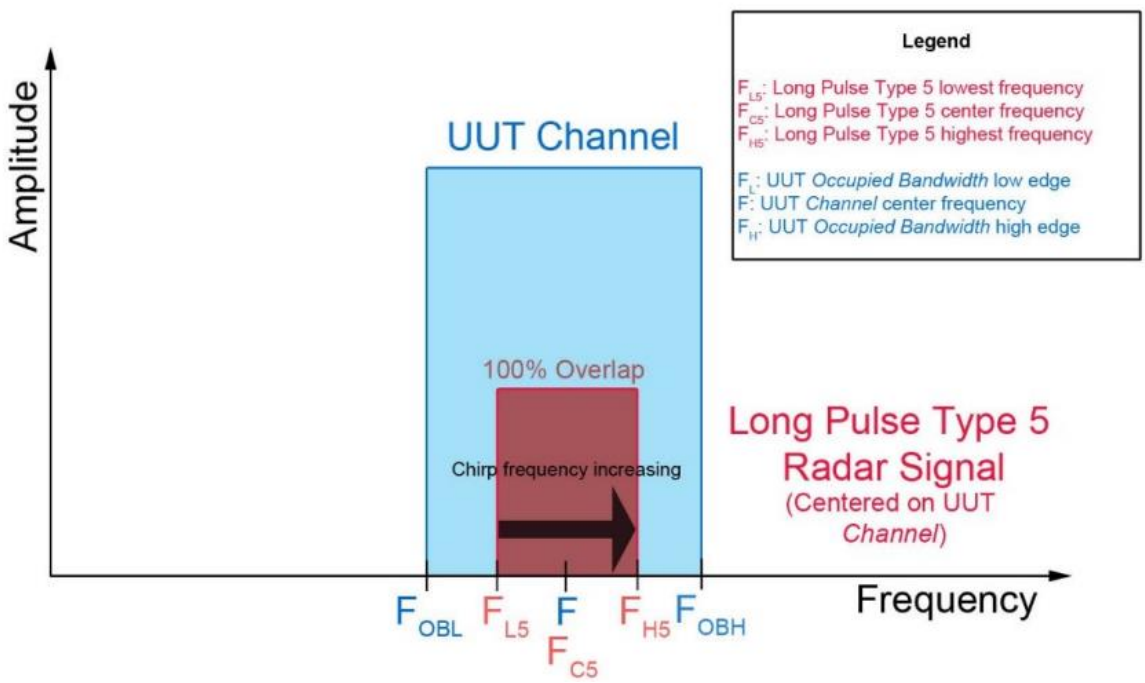
Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per *Burst*	Number of *Bursts*	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

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.

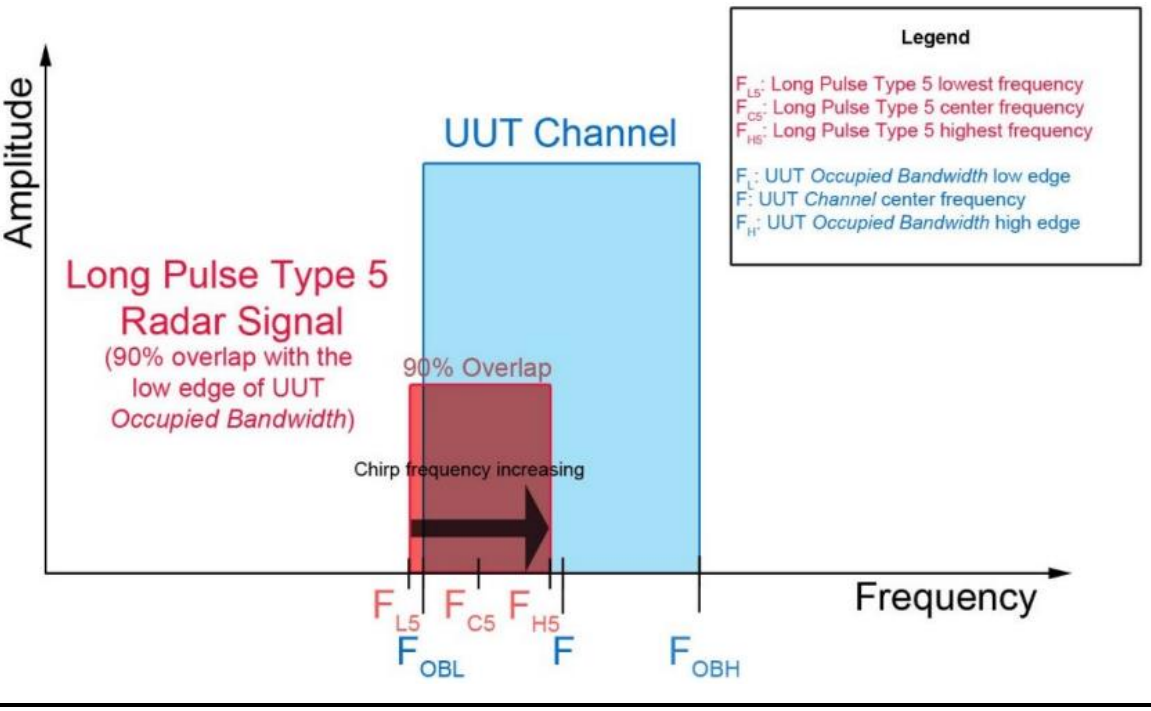
Three subsets of trials will be performed with a minimum of ten trials per subset.
The subset of trials differs in where the Long Pulse Type 5 Signal is tuned in frequency:
a) The Channel center frequency (subset case 1).
b) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation 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: $FH - (0.4 * Chirp\ Width\ [in\ MHz])$

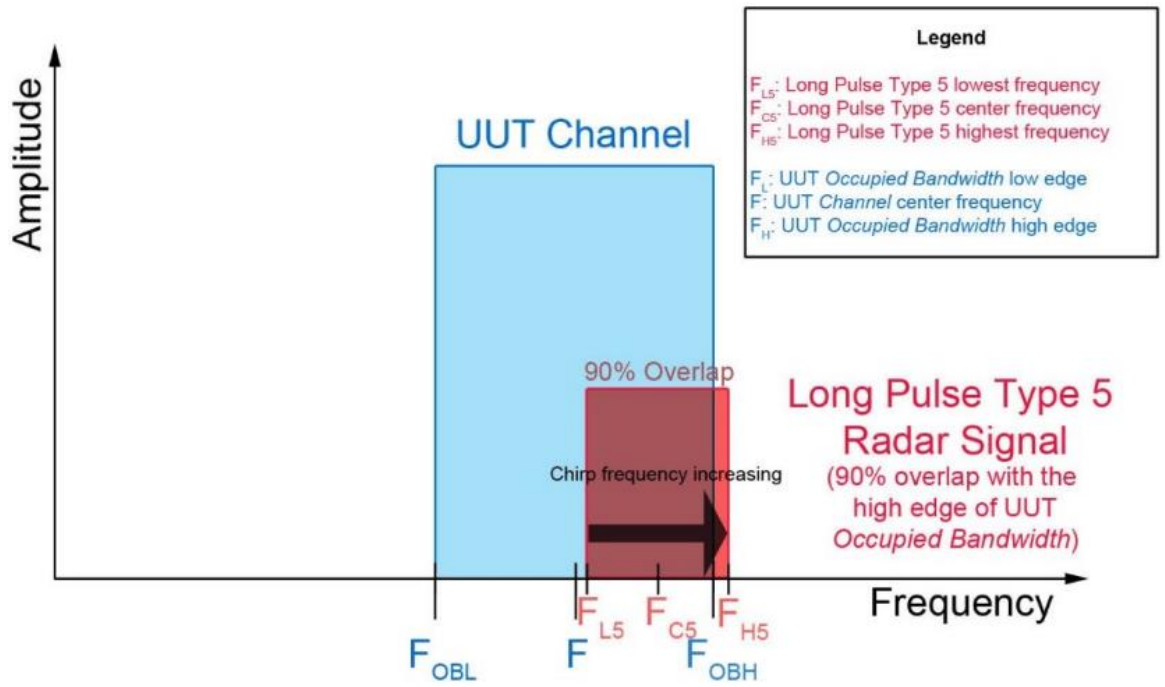
a) Channel center frequency (subset case 1)



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

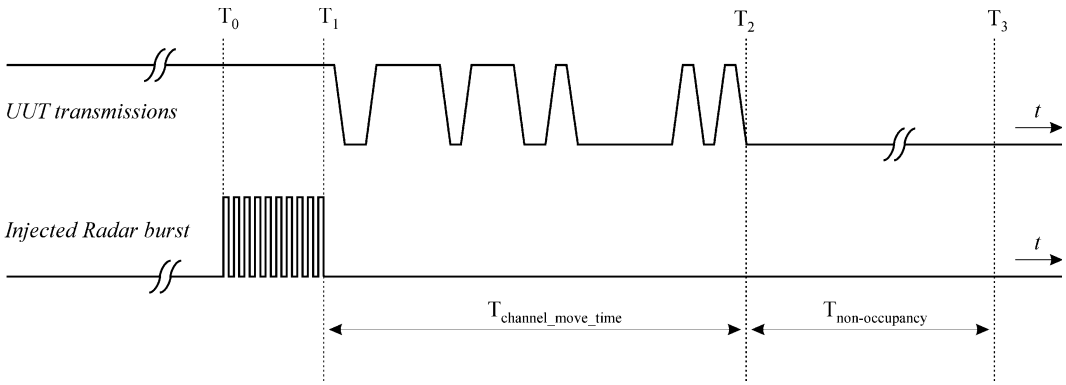
Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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:

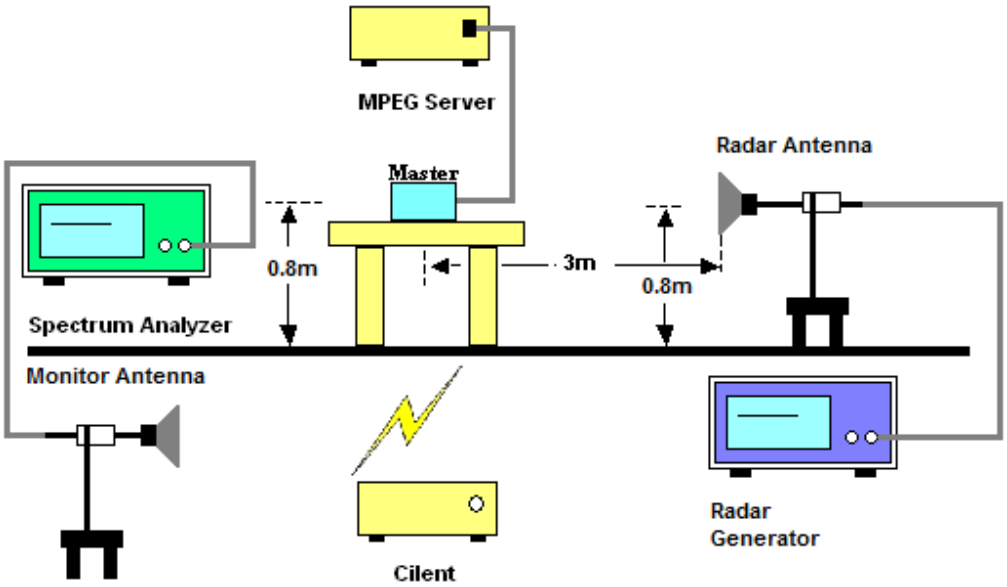
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues 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**	**N**	**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	**N**	**N**	**Y**	**N**	**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	**N**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**N**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**27/30**	**29/30**	**29/30**	**29/30**	**30/30**	**30/30**
Probability (%)	**90%**	**96.67%**	**96.67%**	**96.67%**	**100%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**95%** (>=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**	**N**	**Y**	**Y**	**Y**	**Y**
8	**Y**	**Y**	**Y**	**Y**	**Y**	**N**
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**	**N**	**N**	**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**	**N**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**N**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**N**	**N**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
Trial of Detection	**29/30**	**27/30**	**29/30**	**27/30**	**29/30**	**28/30**
Probability (%)	**96.67%**	**90%**	**96.67%**	**90%**	**96.67%**	**93.33%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**93.34%** (>=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**	**N**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
7	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
8	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
10	**Y**	**N**	**Y**	**Y**	**N**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**N**	**N**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**N**	**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	**N**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**N**	**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	**28/30**	**29/30**	**30/30**	**27/30**	**26/30**	**30/30**
Probability (%)	**93.33%**	**96.67%**	**100%**	**90%**	**86.67%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**95%** (>=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**	**N**	**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**	**N**	**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**	**N**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**28/30**	**30/30**	**28/30**	**30/30**	**30/30**
Probability (%)	**100%**	**93.33%**	**100%**	**93.33%**	**100%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**96.67%** (>=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**	**N**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**N**	**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**	**N**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
14	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**N**	**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**	**N**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**N**	**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**	**N**	**N**	**Y**	**Y**
Trial of Detection	**29/30**	**29/30**	**26/30**	**26/30**	**30/30**	**30/30**
Probability (%)	**96.67%**	**96.67%**	**86.67%**	**86.67%**	**100%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**91.67%** (>=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**	**N**	**Y**
12	**Y**	**Y**	**N**	**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**	**N**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**N**	**N**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
20	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**N**	**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**	**28/30**	**26/30**	**27/30**	**30/30**
Probability (%)	**100%**	**100%**	**93.33%**	**86.67%**	**90%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**95%** (>=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	Jan. 31, 2019	Jan. 09, 2020~ Jan. 10, 2020	Jan. 30, 2020	DFS (DFS01-CA)
Spectrum Analyzer	R&S	FSV13	101559	10Hz~13.6GHz	Jun. 12, 2019	Jan. 09, 2020~ Jan. 10, 2020	Jun. 11, 2020	DFS (DFS01-CA)
Horn Antenna	SCHWARZBECK	9120D	9120D_02113	N/A	Jul. 22, 2019	Jan. 09, 2020~ Jan. 10, 2020	Jul. 21, 2020	DFS (DFS01-CA)
Horn Antenna	SCHWARZBECK	9120D	9120D_02115	N/A	Jul. 22, 2019	Jan. 09, 2020~ Jan. 10, 2020	Jul. 21, 2020	DFS (DFS01-CA)

Appendix A. Radar Parameters

Report Number : FZ191028001-01

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	1	1930.50	518	Y
2	3	1792.11	558	Y
3	13	1319.26	758	Y
4	7	1567.40	638	Y
5	9	1474.93	678	Y
6	22	1066.10	938	Y
7	10	1432.66	698	Y
8	21	1089.32	918	Y
9	8	1519.76	658	Y
10	15	1253.13	798	Y
11	2	1858.74	538	Y
12	5	1672.24	598	Y
13	4	1730.10	578	Y
14	14	1285.35	778	Y
15	11	1392.76	718	Y
16		558.97	1789	Y
17		1172.33	853	Y
18		1050.42	952	Y
19		1177.86	849	Y
20		1597.44	626	Y
21		348.68	2868	Y
22		381.53	2621	Y
23		407.17	2456	Y
24		1173.71	852	Y
25		328.30	3046	N
26		465.98	2146	Y
27		629.72	1588	N
28		1140.25	877	Y
29		589.62	1696	Y
30		749.06	1335	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	29	4.80	168	Y
2	29	5.00	217	Y
3	26	3.30	166	Y
4	26	2.80	182	Y
5	26	3.10	224	Y
6	25	2.50	223	Y
7	27	3.30	228	Y
8	29	4.80	192	Y
9	23	1.20	218	Y
10	25	2.50	190	N
11	29	4.80	162	Y
12	27	3.70	181	Y
13	23	1.10	174	Y
14	24	1.80	216	Y
15	27	3.90	195	Y
16	27	3.70	198	Y
17	29	4.70	165	Y
18	27	3.80	230	Y
19	29	4.60	188	Y
20	27	3.50	226	Y
21	25	2.50	200	Y
22	24	1.80	206	Y
23	25	2.10	183	Y
24	26	3.00	153	Y
25	26	2.90	176	Y
26	26	2.80	211	Y
27	23	1.00	210	Y
28	24	1.70	186	Y
29	28	4.40	159	Y
30	25	2.30	178	Y

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	18	9.80	400	Y
2	18	10.00	434	Y
3	17	8.30	495	Y
4	17	7.80	341	Y
5	17	8.10	456	Y
6	17	7.50	233	Y
7	17	8.30	441	Y
8	18	9.80	265	Y
9	16	6.20	487	Y
10	17	7.50	202	Y
11	18	9.80	290	Y
12	17	8.70	296	Y
13	16	6.10	486	Y
14	16	6.80	282	Y
15	18	8.90	242	Y
16	18	8.70	418	Y
17	18	9.70	464	Y
18	18	8.80	353	Y
19	18	9.60	429	Y
20	17	8.50	444	Y
21	17	7.50	327	Y
22	16	6.80	459	Y
23	16	7.10	436	Y
24	17	8.00	479	Y
25	17	7.90	236	Y
26	17	7.80	463	Y
27	16	6.00	232	Y
28	16	6.70	377	Y
29	18	9.40	448	Y
30	16	7.30	379	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	16	19.50	400	Y
2	16	19.90	434	Y
3	14	16.10	495	Y
4	14	15.00	341	N
5	14	15.70	456	Y
6	13	14.30	233	Y
7	14	16.20	441	Y
8	16	19.50	265	Y
9	12	11.50	487	Y
10	13	14.40	202	Y
11	16	19.50	290	Y
12	15	17.00	296	Y
13	12	11.30	486	N
14	13	12.90	282	Y
15	15	17.40	242	Y
16	15	17.10	418	N
17	16	19.30	464	Y
18	15	17.20	353	Y
19	16	19.00	429	Y
20	15	16.60	444	Y
21	13	14.30	327	Y
22	12	12.80	459	Y
23	13	13.60	436	Y
24	14	15.50	479	Y
25	14	15.40	236	Y
26	14	15.10	463	Y
27	12	11.10	232	Y
28	12	12.50	377	Y
29	16	18.60	448	Y
30	13	13.80	379	Y

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5290			Yes
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	97.3	20	1142	1259	1690
2	3	99.3	20	1686	1531	1137
3	2	78.2	20	1879	-	1757
4	2	72.2	20	1692	-	1597
5	2	76.1	20	1240	-	1784
6	2	68.5	20	1654	-	1886
7	2	78.9	20	1486	-	1510
8	3	97	20	1894	1403	1198
9	1	53	20	-	-	1081
10	2	68.8	20	1791	-	1216
11	3	97.2	20	1680	1109	1171
12	2	83.3	20	1807	-	1530
13	1	52.1	20	-	-	1357
14	1	60.5	20	-	-	1386
15	3	85.6	20	1382	1489	1423
16	3	84	20	1437	1304	1285
17	3	95.8	20	1225	1653	1990
18	3	84.2	20	1399	1067	1711
19	3	94.5	20	1057	1265	1890
20	2	81.3	20	1727	-	1629

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5290			Yes
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	68.3	20	1717	-	1222
2	1	59.9	20	-	-	1917
3	1	64.6	20	-	-	1451
4	2	75	20	1013	-	1944
5	2	74.3	20	1848	-	1355
6	2	73.1	20	1901	-	1402
7	1	50.7	20	-	-	1973
8	1	58.5	20	-	-	1581
9	3	91.9	20	1156	1726	1281
10	1	65.9	20	-	-	1400
11	1	60.9	20	-	-	1493
12	2	70.1	20	1310	-	1427
13	1	50.9	20	-	-	1295
14	3	93.2	20	1702	1350	1957
15	1	60	20	-	-	1522
16	2	73	20	1547	-	1261
17	2	77.2	20	1004	-	1183
18	2	70.8	20	1328	-	1267
19	1	52.5	20	-	-	1987
20	1	64.8	20	-	-	1159

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

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5290			Yes
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	98.8	14	1637	1561	1051
2	1	66.3	14	-	-	1343
3	3	84.3	14	1937	1734	1695
4	3	96.6	14	1387	1035	1622
5	2	69.9	14	1270	-	1658
6	3	97.2	14	1625	1808	1646
7	2	80	14	1669	-	1928
8	2	75.2	14	1885	-	1397
9	3	92.7	14	1772	1367	1587
10	2	82.9	14	1190	-	1395
11	3	89.3	14	1604	1834	1083
12	2	71.4	14	1916	-	1074
13	2	79.3	14	1783	-	1814
14	2	76	14	1636	-	1850
15	1	66	14	-	-	1707
16						
17						
18						
19						
20						

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5290			Yes
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	87.3	12	1943	1161	1811
2	3	84.7	12	1947	1505	1920
3	1	53.2	12	-	-	1870
4	3	97.9	12	1630	1331	1924
5	1	52.9	12	-	-	1600
6	2	67.7	12	1457	-	1184
7	2	70.3	12	1867	-	1719
8	1	55.1	12	-	-	1039
9	3	87.2	12	1553	2000	1978
10	1	57.9	12	-	-	1337
11	2	77.1	12	1036	-	1792
12	2	82.4	12	1963	-	1111
13	1	58.9	12	-	-	1744
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Trial Number:			5			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5290			Yes
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	50.4	13	-	-	1458
2	1	62.5	13	-	-	1116
3	1	56.7	13	-	-	1981
4	2	75	13	1292	-	1960
5	2	81.6	13	1841	-	1964
6	2	79.6	13	1426	-	1014
7	2	82.5	13	1857	-	1507
8	1	52	13	-	-	1675
9	2	75.7	13	1575	-	1892
10	2	68	13	1455	-	1475
11	1	55	13	-	-	1273
12	2	77.2	13	1143	-	1234
13	3	93.2	13	1064	1781	1610
14	2	75.5	13	1660	-	1062
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Trial Number:			6			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5290			No
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	65.8	10	-	-	1407
2	1	59	10	-	-	1813
3	2	76.7	10	1404	-	1611
4	3	89.5	10	1959	1203	1378
5	3	90.8	10	1754	1196	1047
6	2	74.9	10	1891	-	1925
7	2	77.2	10	1418	-	1345
8	2	72.7	10	1293	-	1443
9	3	88.4	10	1556	1663	1360
10	2	74	10	1864	-	1678
11	2	72.9	10	1130	-	1765
12	3	99.7	10	1101	1305	1071
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Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5290			Yes
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	97.1	14	1898	1887	1453
2	2	78.4	14	1028	-	1557
3	1	61.2	14	-	-	1612
4	3	97.1	14	1353	1900	1301
5	3	88.6	14	1845	1823	1472
6	3	92.8	14	1785	1487	1532
7	1	64.8	14	-	-	1649
8	2	71	14	1773	-	1167
9	2	74.7	14	1627	-	1421
10	2	80.2	14	1999	-	1104
11	2	76.1	14	1749	-	1388
12	1	64.3	14	-	-	1320
13	3	89.8	14	1139	1199	1615
14	3	99.7	14	1027	1154	1745
15	3	93.5	14	1317	1586	1334
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5290			Yes
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	20	-	-	1833
2	1	61.6	20	-	-	1245
3	2	66.7	20	1539	-	1260
4	3	98.2	20	1585	1554	1820
5	2	70.6	20	1789	-	1787
6	1	59.8	20	-	-	1936
7	3	92.3	20	1032	1524	1534
8	1	54.4	20	-	-	1034
9	3	96.1	20	1338	1545	1895
10	1	60.5	20	-	-	1941
11	2	68.5	20	1012	-	1076
12	3	86.3	20	1899	1121	1452
13	1	57.4	20	-	-	1009
14	2	81.7	20	1264	-	1333
15	2	77.7	20	1063	-	1736
16	2	74.2	20	1414	-	1336
17	2	82.7	20	1769	-	1341
18	1	52	20	-	-	1179
19	2	82	20	1164	-	1533
20	2	82.6	20	1119	-	1768

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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5290			No
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	54.1	5	-	-	1168
2	3	90.8	5	1758	1373	1966
3	2	78.6	5	1677	-	1523
4	2	79.4	5	1541	-	1501
5	1	62.2	5	-	-	1306
6	1	62.4	5	-	-	1780
7	2	72.1	5	1174	-	1138
8	1	50.7	5	-	-	1989
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5290			No
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	85.6	11	1776	1979	1798
2	2	82.9	11	1006	-	1853
3	1	62.3	11	-	-	1620
4	3	99.8	11	1362	1779	1634
5	3	91.2	11	1955	1506	1968
6	2	81.5	11	1743	-	1213
7	1	63.2	11	-	-	1312
8	1	61.1	11	-	-	1564
9	2	71.6	11	1563	-	1048
10	2	75.9	11	1258	-	1884
11	1	52.3	11	-	-	1799
12	3	89.8	11	1476	1582	1621
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DFS Radar Parameters
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5259.708			Yes
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	54.7	20	-	-	1762
2	2	73.9	20	1415	-	1667
3	1	65.1	20	-	-	1346
4	3	86.6	20	1315	1580	1106
5	2	70.1	20	1425	-	1764
6	1	56.4	20	-	-	1542
7	1	57.3	20	-	-	1975
8	3	89.3	20	1033	1480	1238
9	3	97.1	20	1786	1643	1056
10	1	56	20	-	-	1875
11	3	93.4	20	1818	1718	1638
12	1	62.3	20	-	-	1566
13	1	57.8	20	-	-	1206
14	2	67	20	1793	-	1220
15	3	89.4	20	1107	1854	1732
16	2	73.2	20	1237	-	1250
17	2	83.1	20	1712	-	1286
18	3	87.3	20	1442	1958	1903
19	3	85.9	20	1515	1499	1723
20	1	58.2	20	-	-	1025

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5257.708			Yes
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	87.8	87.8	1239	1574	1461
2	3	91.5	91.5	1496	1361	1219
3	2	68.9	68.9	1181	-	1131
4	1	63.2	63.2	-	-	1483
5	3	98.2	98.2	1021	1197	1431
6	2	68.8	68.8	1053	-	1913
7	3	95.2	95.2	1817	1671	1909
8	2	76	76	1608	-	1211
9	2	68.5	68.5	1162	-	1358
10	1	66.6	66.6	-	-	1484
11	1	52.5	52.5	-	-	1639
12	1	56.8	56.8	-	-	1592
13	3	99.7	99.7	1212	1078	1753
14	3	92.3	92.3	1825	1023	1396
15	2	77.8	77.8	1422	-	1125
16	2	80.2	80.2	1871	-	1092
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5253.708			No
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	75.7	5	1446	-	1544
2	3	92	5	1089	1830	1118
3	1	59.2	5	-	-	1363
4	1	55.8	5	-	-	1866
5	1	55	5	-	-	1470
6	2	82.9	5	1494	-	1469
7	1	53.7	5	-	-	1844
8	2	79.6	5	1647	-	1481
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5254.908			Yes
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	89.6	8	1770	1504	1093
2	1	50	8	-	-	1802
3	3	91.9	8	1339	1439	1045
4	2	74.1	8	1348	-	1266
5	3	92.2	8	1347	1242	1307
6	3	90.1	8	1801	1996	1110
7	2	78.1	8	1188	-	1882
8	3	84.3	8	1948	1419	1189
9	3	90	8	1543	1665	1390
10	3	94.1	8	1087	1915	1858
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5258.108			Yes
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	52	16	-	-	1616
2	1	63.3	16	-	-	1289
3	1	55	16	-	-	1632
4	1	51.9	16	-	-	1420
5	3	88.5	16	1204	1294	1277
6	1	51.3	16	-	-	1624
7	1	61.3	16	-	-	1099
8	2	81.4	16	1598	-	1591
9	2	70.8	16	1856	-	1568
10	2	80.5	16	1244	-	1516
11	1	53.5	16	-	-	1946
12	3	86.5	16	1551	1316	1236
13	1	62.6	16	-	-	1492
14	1	65.6	16	-	-	1733
15	3	89.2	16	1147	1797	1977
16	1	59.1	16	-	-	1132
17	3	97.5	16	1223	1697	1565
18						
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5257.708			Yes
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	91.1	15	1950	1819	1019
2	2	78.1	15	1688	-	1498
3	2	80.1	15	1429	-	1369
4	1	53.1	15	-	-	1191
5	1	54.9	15	-	-	1079
6	3	87.7	15	1031	1394	1160
7	3	89.3	15	1144	1467	1256
8	2	73.6	15	1869	-	1859
9	3	98.1	15	1007	1681	1704
10	2	76.9	15	1424	-	1158
11	2	71	15	1330	-	1405
12	3	83.9	15	1364	1205	1685
13	2	78.4	15	1709	-	1482
14	3	88.5	15	1445	1441	1359
15	2	68.2	15	1942	-	1877
16	2	66.9	15	1865	-	1750
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Trial Number:			17			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5259.308			Yes
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	55.5	19	-	-	1001
2	3	90.2	19	1054	1703	1478
3	1	64.5	19	-	-	1991
4	2	75.1	19	1262	-	1782
5	2	73.7	19	1595	-	1249
6	1	53.5	19	-	-	1605
7	1	57.9	19	-	-	1412
8	3	94.5	19	1985	1755	1221
9	2	73.7	19	1391	-	1970
10	1	62	19	-	-	1893
11	2	73.3	19	1231	-	1710
12	2	76	19	1008	-	1229
13	1	53	19	-	-	1257
14	3	87.5	19	1558	1705	1760
15	2	76.3	19	1922	-	1095
16	3	85	19	1428	1318	1024
17	2	83	19	1741	-	1933
18	3	92.6	19	1529	1714	1105
19	3	87.1	19	1573	1098	1988
20						

Trial Number:			18			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5257.708			Yes
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	56.2	15	-	-	1617
2	1	59.8	15	-	-	1940
3	3	91	15	1907	1040	1740
4	3	97.2	15	1152	1127	1742
5	2	75.7	15	1618	-	1408
6	1	65.7	15	-	-	1120
7	2	78.3	15	1299	-	1535
8	3	90.4	15	1410	1235	1860
9	2	74.5	15	1923	-	1246
10	3	90.3	15	1321	1698	1578
11	3	97.6	15	1149	1728	1525
12	3	92.4	15	1208	1815	1738
13	3	92	15	1389	1377	1836
14	3	85.3	15	1590	1151	1148
15	2	69.6	15	1995	-	1454
16	1	57	15	-	-	1465
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Trial Number:			19			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5259.308			Yes
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	75.4	19	1935.000	-	1601
2	2	74.7	19	1166.000	-	1070
3	3	84.1	19	1241.000	1883.000	1746
4	2	73.8	19	1816.000	-	1962
5	3	87.5	19	1868.000	1135.000	1401
6	2	70.1	19	1650.000	-	1594
7	3	85.7	19	1998.000	1513.000	1503
8	2	79.5	19	1327.000	-	1699
9	3	92.9	19	1112.000	1731.000	1846
10	1	64.4	19	-	-	1365
11	1	63.3	19	-	-	1904
12	2	70.6	19	1897.000	-	1232
13	1	60.6	19	-	-	1406
14	1	50.6	19	-	-	1683
15	3	86.1	19	1809.000	1468.000	1449
16	1	50.8	19	-	-	1129
17	3	85.8	19	1459.000	1635.000	1233
18	1	51.4	19	-	-	1953
19	1	62	19	-	-	1381
20						

Trial Number:			20			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5257.708			Yes
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	15	-	-	1200
2	1	64.6	15	-	-	1761
3	3	93.1	15	1720	1485	1756
4	3	88.9	15	1269	1880	1097
5	1	59.3	15	-	-	1433
6	3	95.5	15	1694	1313	1602
7	1	63.2	15	-	-	1140
8	3	83.5	15	1748	1912	1278
9	1	54.1	15	-	-	1614
10	2	76.2	15	1005	-	1752
11	2	69.6	15	1560	-	1010
12	2	81.4	15	1041	-	1383
13	3	90.8	15	1372	1788	1207
14	3	83.5	15	1596	1821	1473
15	2	80.4	15	1185	-	1072
16	1	50.8	15	-	-	1538
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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5324.292			Yes
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	60.2	10	-	-	1559
2	3	98.9	10	1584	1570	1069
3	2	68.8	10	1049	-	1599
4	3	99.7	10	1108	1588	1835
5	3	86.1	10	1187	1796	1828
6	2	74.2	10	1843	-	1919
7	1	61.5	10	-	-	1822
8	1	54.2	10	-	-	1878
9	1	61.2	10	-	-	1254
10	1	52.4	10	-	-	1495
11	1	57.7	10	-	-	1509
12	2	79.8	10	1926	-	1026
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5325.092			Yes
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	73.8	8	1479	-	1684
2	1	54.2	8	-	-	1790
3	3	96.7	8	1693	1491	1716
4	1	56.5	8	-	-	1366
5	3	90.5	8	1548	1951	1831
6	2	73.3	8	1805	-	1284
7	1	62.5	8	-	-	1000
8	3	92.4	8	1708	1488	1123
9	2	82.3	8	1456	-	1153
10	3	85.9	8	1175	1176	1016
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5324.692			Yes
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	74.7	9	1435	-	1549
2	2	78.3	9	1583	-	1329
3	2	74.3	9	1209	-	1737
4	3	86.7	9	1163	1066	1679
5	2	81.5	9	1283	-	1626
6	1	53.2	9	-	-	1432
7	2	73.2	9	1170	-	1528
8	2	83	9	1969	-	1128
9	2	72.6	9	1342	-	1114
10	3	87.1	9	1775	1725	1567
11	2	80.2	9	1474	-	1210
12						
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5323.492			Yes
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	99.8	12	1037	1288	1628
2	2	75.9	12	1059	-	1640
3	1	52	12	-	-	1609
4	2	67	12	1876	-	2000
5	1	51.8	12	-	-	1038
6	2	75.9	12	1992	-	1447
7	2	82.8	12	1849	-	1689
8	1	53.1	12	-	-	1157
9	3	88.9	12	1319	1803	1908
10	2	77.6	12	1150	-	1192
11	1	56.8	12	-	-	1911
12	3	87.7	12	1657	1332	1562
13	3	83.4	12	1462	1972	1145
14	1	59.6	12	-	-	1517
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5323.492			Yes
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	100	12	1536	1806	1291
2	2	79.5	12	1938	-	1514
3	1	63	12	-	-	1526
4	3	90.9	12	1633	1201	1169
5	2	67.4	12	1696	-	1648
6	2	70.9	12	1460	-	1117
7	3	88.1	12	1889	1268	1687
8	2	68.5	12	1124	-	1910
9	2	74.4	12	1436	-	1810
10	2	74.2	12	1252	-	1068
11	3	90.5	12	1674	1840	1842
12	2	75.3	12	1352	-	1676
13	3	99.5	12	1302	1888	1340
14	3	92.8	12	1673	1323	1939
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16						
17						
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5323.492			Yes
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	58.2	12	-	-	1983
2	2	81	12	1931	-	1713
3	2	78.3	12	1096	-	1767
4	2	79.9	12	1043	-	1967
5	2	70.6	12	1314	-	1015
6	3	99.6	12	1645	1927	1194
7	2	74.1	12	1666	-	1956
8	2	78.4	12	1795	-	1380
9	3	94.7	12	1644	1417	1155
10	3	89.6	12	1290	1271	1739
11	3	88.6	12	1438	1490	1929
12	3	97.5	12	1700	1471	1376
13	2	79.7	12	1177	-	1416
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5326.292			Yes
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	89.3	5	1607	1349	1593
2	3	93.5	5	1555	1115	1914
3	1	58.3	5	-	-	1631
4	2	67.8	5	1537	-	1022
5	3	90.6	5	1311	1091	1136
6	3	90.9	5	1172	1393	1193
7	2	77.1	5	1084	-	1863
8	2	81.6	5	1146	-	1546
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5325.492			Yes
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	73.7	7	1623	-	1450
2	1	60.1	7	-	-	1046
3	3	92.1	7	1228	1379	1126
4	1	55.1	7	-	-	1572
5	1	66.2	7	-	-	1255
6	3	92.2	7	1569	1826	1747
7	2	81.3	7	1466	-	1384
8	1	51.5	7	-	-	1385
9	2	77.9	7	1368	-	1055
10	2	76.5	7	1519	-	1029
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5321.092			Yes
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	76.5	18	1921	-	1202
2	2	76.4	18	1721	-	1085
3	3	90.1	18	1215	1448	1280
4	3	95	18	1577	1664	1980
5	1	57.8	18	-	-	1934
6	3	99.3	18	1463	1274	1180
7	2	77	18	1832	-	1576
8	2	67.1	18	1656	-	1075
9	3	83.9	18	1371	1655	1774
10	3	85.6	18	1464	1297	1855
11	2	71.5	18	1571	-	1691
12	3	84.9	18	1902	1730	1997
13	2	73.5	18	1662	-	1500
14	1	52.2	18	-	-	1982
15	2	70	18	1134	-	1589
16	3	91.3	18	1794	1729	1839
17	3	98.8	18	1218	1374	1322
18	2	75.1	18	1248	-	1173
19						
20						

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5324.292			Yes
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	66	10	-	-	1520
2	1	56.3	10	-	-	1619
3	3	99.9	10	1512	1952	1932
4	3	84.5	10	1851	1827	1344
5	2	72.4	10	1508	-	1324
6	1	61.1	10	-	-	1961
7	3	84.5	10	1829	1296	1804
8	2	70.8	10	1214	-	1020
9	3	86.2	10	1042	1497	1080
10	2	74.7	10	1945	-	1812
11	1	54.4	10	-	-	1325
12	1	57.4	10	-	-	1356
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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	1	1930.50	518	Y
2	3	1792.11	558	Y
3	13	1319.26	758	Y
4	7	1567.40	638	Y
5	9	1474.93	678	Y
6	22	1066.10	938	Y
7	10	1432.66	698	Y
8	21	1089.32	918	Y
9	8	1519.76	658	Y
10	15	1253.13	798	Y
11	2	1858.74	538	Y
12	5	1672.24	598	Y
13	4	1730.10	578	Y
14	14	1285.35	778	Y
15	11	1392.76	718	Y
16		558.97	1789	Y
17		1172.33	853	Y
18		1050.42	952	Y
19		1177.86	849	Y
20		1597.44	626	Y
21		348.68	2868	Y
22		381.53	2621	N
23		407.17	2456	Y
24		1173.71	852	Y
25		328.30	3046	Y
26		465.98	2146	Y
27		629.72	1588	N
28		1140.25	877	Y
29		589.62	1696	N
30		749.06	1335	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	29	4.80	168	Y
2	29	5.00	217	Y
3	26	3.30	166	Y
4	26	2.80	182	Y
5	26	3.10	224	Y
6	25	2.50	223	Y
7	27	3.30	228	Y
8	29	4.80	192	Y
9	23	1.20	218	Y
10	25	2.50	190	Y
11	29	4.80	162	Y
12	27	3.70	181	Y
13	23	1.10	174	Y
14	24	1.80	216	Y
15	27	3.90	195	Y
16	27	3.70	198	Y
17	29	4.70	165	Y
18	27	3.80	230	Y
19	29	4.60	188	Y
20	27	3.50	226	Y
21	25	2.50	200	Y
22	24	1.80	206	N
23	25	2.10	183	Y
24	26	3.00	153	Y
25	26	2.90	176	Y
26	26	2.80	211	Y
27	23	1.00	210	Y
28	24	1.70	186	Y
29	28	4.40	159	Y
30	25	2.30	178	Y

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	18	9.80	400	Y
2	18	10.00	434	Y
3	17	8.30	495	Y
4	17	7.80	341	Y
5	17	8.10	456	Y
6	17	7.50	233	Y
7	17	8.30	441	Y
8	18	9.80	265	Y
9	16	6.20	487	Y
10	17	7.50	202	Y
11	18	9.80	290	Y
12	17	8.70	296	N
13	16	6.10	486	Y
14	16	6.80	282	Y
15	18	8.90	242	Y
16	18	8.70	418	Y
17	18	9.70	464	Y
18	18	8.80	353	Y
19	18	9.60	429	Y
20	17	8.50	444	Y
21	17	7.50	327	Y
22	16	6.80	459	Y
23	16	7.10	436	Y
24	17	8.00	479	Y
25	17	7.90	236	Y
26	17	7.80	463	Y
27	16	6.00	232	Y
28	16	6.70	377	Y
29	18	9.40	448	Y
30	16	7.30	379	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	16	19.50	400	Y
2	16	19.90	434	Y
3	14	16.10	495	Y
4	14	15.00	341	Y
5	14	15.70	456	Y
6	13	14.30	233	Y
7	14	16.20	441	Y
8	16	19.50	265	Y
9	12	11.50	487	Y
10	13	14.40	202	Y
11	16	19.50	290	Y
12	15	17.00	296	Y
13	12	11.30	486	Y
14	13	12.90	282	Y
15	15	17.40	242	Y
16	15	17.10	418	Y
17	16	19.30	464	Y
18	15	17.20	353	Y
19	16	19.00	429	Y
20	15	16.60	444	Y
21	13	14.30	327	Y
22	12	12.80	459	N
23	13	13.60	436	Y
24	14	15.50	479	Y
25	14	15.40	236	Y
26	14	15.10	463	Y
27	12	11.10	232	Y
28	12	12.50	377	Y
29	16	18.60	448	Y
30	13	13.80	379	Y

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5300			Yes
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	97.3	20	1142	1259	1690
2	3	99.3	20	1686	1531	1137
3	2	78.2	20	1879	-	1757
4	2	72.2	20	1692	-	1597
5	2	76.1	20	1240	-	1784
6	2	68.5	20	1654	-	1886
7	2	78.9	20	1486	-	1510
8	3	97	20	1894	1403	1198
9	1	53	20	-	-	1081
10	2	68.8	20	1791	-	1216
11	3	97.2	20	1680	1109	1171
12	2	83.3	20	1807	-	1530
13	1	52.1	20	-	-	1357
14	1	60.5	20	-	-	1386
15	3	85.6	20	1382	1489	1423
16	3	84	20	1437	1304	1285
17	3	95.8	20	1225	1653	1990
18	3	84.2	20	1399	1067	1711
19	3	94.5	20	1057	1265	1890
20	2	81.3	20	1727	-	1629

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5300			Yes
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	68.3	20	1717	-	1222
2	1	59.9	20	-	-	1917
3	1	64.6	20	-	-	1451
4	2	75	20	1013	-	1944
5	2	74.3	20	1848	-	1355
6	2	73.1	20	1901	-	1402
7	1	50.7	20	-	-	1973
8	1	58.5	20	-	-	1581
9	3	91.9	20	1156	1726	1281
10	1	65.9	20	-	-	1400
11	1	60.9	20	-	-	1493
12	2	70.1	20	1310	-	1427
13	1	50.9	20	-	-	1295
14	3	93.2	20	1702	1350	1957
15	1	60	20	-	-	1522
16	2	73	20	1547	-	1261
17	2	77.2	20	1004	-	1183
18	2	70.8	20	1328	-	1267
19	1	52.5	20	-	-	1987
20	1	64.8	20	-	-	1159

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

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5300			Yes
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	98.8	14	1637	1561	1051
2	1	66.3	14	-	-	1343
3	3	84.3	14	1937	1734	1695
4	3	96.6	14	1387	1035	1622
5	2	69.9	14	1270	-	1658
6	3	97.2	14	1625	1808	1646
7	2	80	14	1669	-	1928
8	2	75.2	14	1885	-	1397
9	3	92.7	14	1772	1367	1587
10	2	82.9	14	1190	-	1395
11	3	89.3	14	1604	1834	1083
12	2	71.4	14	1916	-	1074
13	2	79.3	14	1783	-	1814
14	2	76	14	1636	-	1850
15	1	66	14	-	-	1707
16						
17						
18						
19						
20						

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5300			Yes
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	87.3	12	1943	1161	1811
2	3	84.7	12	1947	1505	1920
3	1	53.2	12	-	-	1870
4	3	97.9	12	1630	1331	1924
5	1	52.9	12	-	-	1600
6	2	67.7	12	1457	-	1184
7	2	70.3	12	1867	-	1719
8	1	55.1	12	-	-	1039
9	3	87.2	12	1553	2000	1978
10	1	57.9	12	-	-	1337
11	2	77.1	12	1036	-	1792
12	2	82.4	12	1963	-	1111
13	1	58.9	12	-	-	1744
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			5			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5300			Yes
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	50.4	13	-	-	1458
2	1	62.5	13	-	-	1116
3	1	56.7	13	-	-	1981
4	2	75	13	1292	-	1960
5	2	81.6	13	1841	-	1964
6	2	79.6	13	1426	-	1014
7	2	82.5	13	1857	-	1507
8	1	52	13	-	-	1675
9	2	75.7	13	1575	-	1892
10	2	68	13	1455	-	1475
11	1	55	13	-	-	1273
12	2	77.2	13	1143	-	1234
13	3	93.2	13	1064	1781	1610
14	2	75.5	13	1660	-	1062
15						
16						
17						
18						
19						
20						

Trial Number:			6			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5300			Yes
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	65.8	10	-	-	1407
2	1	59	10	-	-	1813
3	2	76.7	10	1404	-	1611
4	3	89.5	10	1959	1203	1378
5	3	90.8	10	1754	1196	1047
6	2	74.9	10	1891	-	1925
7	2	77.2	10	1418	-	1345
8	2	72.7	10	1293	-	1443
9	3	88.4	10	1556	1663	1360
10	2	74	10	1864	-	1678
11	2	72.9	10	1130	-	1765
12	3	99.7	10	1101	1305	1071
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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:			15			
Chirp Center Frequency:			5300			Yes
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	97.1	14	1898	1887	1453
2	2	78.4	14	1028	-	1557
3	1	61.2	14	-	-	1612
4	3	97.1	14	1353	1900	1301
5	3	88.6	14	1845	1823	1472
6	3	92.8	14	1785	1487	1532
7	1	64.8	14	-	-	1649
8	2	71	14	1773	-	1167
9	2	74.7	14	1627	-	1421
10	2	80.2	14	1999	-	1104
11	2	76.1	14	1749	-	1388
12	1	64.3	14	-	-	1320
13	3	89.8	14	1139	1199	1615
14	3	99.7	14	1027	1154	1745
15	3	93.5	14	1317	1586	1334
16						
17						
18						
19						
20						

Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5300			Yes
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	20	-	-	1833
2	1	61.6	20	-	-	1245
3	2	66.7	20	1539	-	1260
4	3	98.2	20	1585	1554	1820
5	2	70.6	20	1789	-	1787
6	1	59.8	20	-	-	1936
7	3	92.3	20	1032	1524	1534
8	1	54.4	20	-	-	1034
9	3	96.1	20	1338	1545	1895
10	1	60.5	20	-	-	1941
11	2	68.5	20	1012	-	1076
12	3	86.3	20	1899	1121	1452
13	1	57.4	20	-	-	1009
14	2	81.7	20	1264	-	1333
15	2	77.7	20	1063	-	1736
16	2	74.2	20	1414	-	1336
17	2	82.7	20	1769	-	1341
18	1	52	20	-	-	1179
19	2	82	20	1164	-	1533
20	2	82.6	20	1119	-	1768

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

Trial Number:			9			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5300			Yes
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	54.1	5	-	-	1168
2	3	90.8	5	1758	1373	1966
3	2	78.6	5	1677	-	1523
4	2	79.4	5	1541	-	1501
5	1	62.2	5	-	-	1306
6	1	62.4	5	-	-	1780
7	2	72.1	5	1174	-	1138
8	1	50.7	5	-	-	1989
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Trial Number:			10			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5300			Yes
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	85.6	11	1776	1979	1798
2	2	82.9	11	1006	-	1853
3	1	62.3	11	-	-	1620
4	3	99.8	11	1362	1779	1634
5	3	91.2	11	1955	1506	1968
6	2	81.5	11	1743	-	1213
7	1	63.2	11	-	-	1312
8	1	61.1	11	-	-	1564
9	2	71.6	11	1563	-	1048
10	2	75.9	11	1258	-	1884
11	1	52.3	11	-	-	1799
12	3	89.8	11	1476	1582	1621
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DFS Radar Parameters
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5299.143			Yes
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	54.7	20	-	-	1762
2	2	73.9	20	1415	-	1667
3	1	65.1	20	-	-	1346
4	3	86.6	20	1315	1580	1106
5	2	70.1	20	1425	-	1764
6	1	56.4	20	-	-	1542
7	1	57.3	20	-	-	1975
8	3	89.3	20	1033	1480	1238
9	3	97.1	20	1786	1643	1056
10	1	56	20	-	-	1875
11	3	93.4	20	1818	1718	1638
12	1	62.3	20	-	-	1566
13	1	57.8	20	-	-	1206
14	2	67	20	1793	-	1220
15	3	89.4	20	1107	1854	1732
16	2	73.2	20	1237	-	1250
17	2	83.1	20	1712	-	1286
18	3	87.3	20	1442	1958	1903
19	3	85.9	20	1515	1499	1723
20	1	58.2	20	-	-	1025

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5297.143			Yes
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	87.8	87.8	1239	1574	1461
2	3	91.5	91.5	1496	1361	1219
3	2	68.9	68.9	1181	-	1131
4	1	63.2	63.2	-	-	1483
5	3	98.2	98.2	1021	1197	1431
6	2	68.8	68.8	1053	-	1913
7	3	95.2	95.2	1817	1671	1909
8	2	76	76	1608	-	1211
9	2	68.5	68.5	1162	-	1358
10	1	66.6	66.6	-	-	1484
11	1	52.5	52.5	-	-	1639
12	1	56.8	56.8	-	-	1592
13	3	99.7	99.7	1212	1078	1753
14	3	92.3	92.3	1825	1023	1396
15	2	77.8	77.8	1422	-	1125
16	2	80.2	80.2	1871	-	1092
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DFS Radar Parameters
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5293.143			Yes
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	75.7	5	1446	-	1544
2	3	92	5	1089	1830	1118
3	1	59.2	5	-	-	1363
4	1	55.8	5	-	-	1866
5	1	55	5	-	-	1470
6	2	82.9	5	1494	-	1469
7	1	53.7	5	-	-	1844
8	2	79.6	5	1647	-	1481
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5294.343			Yes
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	89.6	8	1770	1504	1093
2	1	50	8	-	-	1802
3	3	91.9	8	1339	1439	1045
4	2	74.1	8	1348	-	1266
5	3	92.2	8	1347	1242	1307
6	3	90.1	8	1801	1996	1110
7	2	78.1	8	1188	-	1882
8	3	84.3	8	1948	1419	1189
9	3	90	8	1543	1665	1390
10	3	94.1	8	1087	1915	1858
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DFS Radar Parameters
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5297.543			Yes
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	52	16	-	-	1616
2	1	63.3	16	-	-	1289
3	1	55	16	-	-	1632
4	1	51.9	16	-	-	1420
5	3	88.5	16	1204	1294	1277
6	1	51.3	16	-	-	1624
7	1	61.3	16	-	-	1099
8	2	81.4	16	1598	-	1591
9	2	70.8	16	1856	-	1568
10	2	80.5	16	1244	-	1516
11	1	53.5	16	-	-	1946
12	3	86.5	16	1551	1316	1236
13	1	62.6	16	-	-	1492
14	1	65.6	16	-	-	1733
15	3	89.2	16	1147	1797	1977
16	1	59.1	16	-	-	1132
17	3	97.5	16	1223	1697	1565
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5297.143			Yes
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	91.1	15	1950	1819	1019
2	2	78.1	15	1688	-	1498
3	2	80.1	15	1429	-	1369
4	1	53.1	15	-	-	1191
5	1	54.9	15	-	-	1079
6	3	87.7	15	1031	1394	1160
7	3	89.3	15	1144	1467	1256
8	2	73.6	15	1869	-	1859
9	3	98.1	15	1007	1681	1704
10	2	76.9	15	1424	-	1158
11	2	71	15	1330	-	1405
12	3	83.9	15	1364	1205	1685
13	2	78.4	15	1709	-	1482
14	3	88.5	15	1445	1441	1359
15	2	68.2	15	1942	-	1877
16	2	66.9	15	1865	-	1750
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5298.743			Yes
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	55.5	19	-	-	1001
2	3	90.2	19	1054	1703	1478
3	1	64.5	19	-	-	1991
4	2	75.1	19	1262	-	1782
5	2	73.7	19	1595	-	1249
6	1	53.5	19	-	-	1605
7	1	57.9	19	-	-	1412
8	3	94.5	19	1985	1755	1221
9	2	73.7	19	1391	-	1970
10	1	62	19	-	-	1893
11	2	73.3	19	1231	-	1710
12	2	76	19	1008	-	1229
13	1	53	19	-	-	1257
14	3	87.5	19	1558	1705	1760
15	2	76.3	19	1922	-	1095
16	3	85	19	1428	1318	1024
17	2	83	19	1741	-	1933
18	3	92.6	19	1529	1714	1105
19	3	87.1	19	1573	1098	1988
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5297.143			Yes
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	56.2	15	-	-	1617
2	1	59.8	15	-	-	1940
3	3	91	15	1907	1040	1740
4	3	97.2	15	1152	1127	1742
5	2	75.7	15	1618	-	1408
6	1	65.7	15	-	-	1120
7	2	78.3	15	1299	-	1535
8	3	90.4	15	1410	1235	1860
9	2	74.5	15	1923	-	1246
10	3	90.3	15	1321	1698	1578
11	3	97.6	15	1149	1728	1525
12	3	92.4	15	1208	1815	1738
13	3	92	15	1389	1377	1836
14	3	85.3	15	1590	1151	1148
15	2	69.6	15	1995	-	1454
16	1	57	15	-	-	1465
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DFS Radar Parameters
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5298.743			Yes
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	75.4	19	1935.000	-	1601
2	2	74.7	19	1166.000	-	1070
3	3	84.1	19	1241.000	1883.000	1746
4	2	73.8	19	1816.000	-	1962
5	3	87.5	19	1868.000	1135.000	1401
6	2	70.1	19	1650.000	-	1594
7	3	85.7	19	1998.000	1513.000	1503
8	2	79.5	19	1327.000	-	1699
9	3	92.9	19	1112.000	1731.000	1846
10	1	64.4	19	-	-	1365
11	1	63.3	19	-	-	1904
12	2	70.6	19	1897.000	-	1232
13	1	60.6	19	-	-	1406
14	1	50.6	19	-	-	1683
15	3	86.1	19	1809.000	1468.000	1449
16	1	50.8	19	-	-	1129
17	3	85.8	19	1459.000	1635.000	1233
18	1	51.4	19	-	-	1953
19	1	62	19	-	-	1381
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5297.143			Yes
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	15	-	-	1200
2	1	64.6	15	-	-	1761
3	3	93.1	15	1720	1485	1756
4	3	88.9	15	1269	1880	1097
5	1	59.3	15	-	-	1433
6	3	95.5	15	1694	1313	1602
7	1	63.2	15	-	-	1140
8	3	83.5	15	1748	1912	1278
9	1	54.1	15	-	-	1614
10	2	76.2	15	1005	-	1752
11	2	69.6	15	1560	-	1010
12	2	81.4	15	1041	-	1383
13	3	90.8	15	1372	1788	1207
14	3	83.5	15	1596	1821	1473
15	2	80.4	15	1185	-	1072
16	1	50.8	15	-	-	1538
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DFS Radar Parameters
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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5304.857			Yes
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	60.2	10	-	-	1559
2	3	98.9	10	1584	1570	1069
3	2	68.8	10	1049	-	1599
4	3	99.7	10	1108	1588	1835
5	3	86.1	10	1187	1796	1828
6	2	74.2	10	1843	-	1919
7	1	61.5	10	-	-	1822
8	1	54.2	10	-	-	1878
9	1	61.2	10	-	-	1254
10	1	52.4	10	-	-	1495
11	1	57.7	10	-	-	1509
12	2	79.8	10	1926	-	1026
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5305.657			Yes
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	73.8	8	1479	-	1684
2	1	54.2	8	-	-	1790
3	3	96.7	8	1693	1491	1716
4	1	56.5	8	-	-	1366
5	3	90.5	8	1548	1951	1831
6	2	73.3	8	1805	-	1284
7	1	62.5	8	-	-	1000
8	3	92.4	8	1708	1488	1123
9	2	82.3	8	1456	-	1153
10	3	85.9	8	1175	1176	1016
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DFS Radar Parameters
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5305.257			Yes
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	74.7	9	1435	-	1549
2	2	78.3	9	1583	-	1329
3	2	74.3	9	1209	-	1737
4	3	86.7	9	1163	1066	1679
5	2	81.5	9	1283	-	1626
6	1	53.2	9	-	-	1432
7	2	73.2	9	1170	-	1528
8	2	83	9	1969	-	1128
9	2	72.6	9	1342	-	1114
10	3	87.1	9	1775	1725	1567
11	2	80.2	9	1474	-	1210
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5304.057			Yes
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	99.8	12	1037	1288	1628
2	2	75.9	12	1059	-	1640
3	1	52	12	-	-	1609
4	2	67	12	1876	-	2000
5	1	51.8	12	-	-	1038
6	2	75.9	12	1992	-	1447
7	2	82.8	12	1849	-	1689
8	1	53.1	12	-	-	1157
9	3	88.9	12	1319	1803	1908
10	2	77.6	12	1150	-	1192
11	1	56.8	12	-	-	1911
12	3	87.7	12	1657	1332	1562
13	3	83.4	12	1462	1972	1145
14	1	59.6	12	-	-	1517
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DFS Radar Parameters
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5304.057			Yes
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	100	12	1536	1806	1291
2	2	79.5	12	1938	-	1514
3	1	63	12	-	-	1526
4	3	90.9	12	1633	1201	1169
5	2	67.4	12	1696	-	1648
6	2	70.9	12	1460	-	1117
7	3	88.1	12	1889	1268	1687
8	2	68.5	12	1124	-	1910
9	2	74.4	12	1436	-	1810
10	2	74.2	12	1252	-	1068
11	3	90.5	12	1674	1840	1842
12	2	75.3	12	1352	-	1676
13	3	99.5	12	1302	1888	1340
14	3	92.8	12	1673	1323	1939
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5304.057			Yes
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	58.2	12	-	-	1983
2	2	81	12	1931	-	1713
3	2	78.3	12	1096	-	1767
4	2	79.9	12	1043	-	1967
5	2	70.6	12	1314	-	1015
6	3	99.6	12	1645	1927	1194
7	2	74.1	12	1666	-	1956
8	2	78.4	12	1795	-	1380
9	3	94.7	12	1644	1417	1155
10	3	89.6	12	1290	1271	1739
11	3	88.6	12	1438	1490	1929
12	3	97.5	12	1700	1471	1376
13	2	79.7	12	1177	-	1416
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DFS Radar Parameters
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Channel 60 Bandwidth 20MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5306.857			Yes
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	89.3	5	1607	1349	1593
2	3	93.5	5	1555	1115	1914
3	1	58.3	5	-	-	1631
4	2	67.8	5	1537	-	1022
5	3	90.6	5	1311	1091	1136
6	3	90.9	5	1172	1393	1193
7	2	77.1	5	1084	-	1863
8	2	81.6	5	1146	-	1546
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5306.057			Yes
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	73.7	7	1623	-	1450
2	1	60.1	7	-	-	1046
3	3	92.1	7	1228	1379	1126
4	1	55.1	7	-	-	1572
5	1	66.2	7	-	-	1255
6	3	92.2	7	1569	1826	1747
7	2	81.3	7	1466	-	1384
8	1	51.5	7	-	-	1385
9	2	77.9	7	1368	-	1055
10	2	76.5	7	1519	-	1029
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DFS Radar Parameters
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Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5301.657			Yes
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	76.5	18	1921	-	1202
2	2	76.4	18	1721	-	1085
3	3	90.1	18	1215	1448	1280
4	3	95	18	1577	1664	1980
5	1	57.8	18	-	-	1934
6	3	99.3	18	1463	1274	1180
7	2	77	18	1832	-	1576
8	2	67.1	18	1656	-	1075
9	3	83.9	18	1371	1655	1774
10	3	85.6	18	1464	1297	1855
11	2	71.5	18	1571	-	1691
12	3	84.9	18	1902	1730	1997
13	2	73.5	18	1662	-	1500
14	1	52.2	18	-	-	1982
15	2	70	18	1134	-	1589
16	3	91.3	18	1794	1729	1839
17	3	98.8	18	1218	1374	1322
18	2	75.1	18	1248	-	1173
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5304.857			Yes
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	66	10	-	-	1520
2	1	56.3	10	-	-	1619
3	3	99.9	10	1512	1952	1932
4	3	84.5	10	1851	1827	1344
5	2	72.4	10	1508	-	1324
6	1	61.1	10	-	-	1961
7	3	84.5	10	1829	1296	1804
8	2	70.8	10	1214	-	1020
9	3	86.2	10	1042	1497	1080
10	2	74.7	10	1945	-	1812
11	1	54.4	10	-	-	1325
12	1	57.4	10	-	-	1356
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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	1	1930.50	518	Y
2	3	1792.11	558	Y
3	13	1319.26	758	Y
4	7	1567.40	638	Y
5	9	1474.93	678	Y
6	22	1066.10	938	Y
7	10	1432.66	698	Y
8	21	1089.32	918	Y
9	8	1519.76	658	Y
10	15	1253.13	798	Y
11	2	1858.74	538	Y
12	5	1672.24	598	Y
13	4	1730.10	578	Y
14	14	1285.35	778	Y
15	11	1392.76	718	Y
16		558.97	1789	Y
17		1172.33	853	Y
18		1050.42	952	Y
19		1177.86	849	Y
20		1597.44	626	Y
21		348.68	2868	Y
22		381.53	2621	Y
23		407.17	2456	N
24		1173.71	852	Y
25		328.30	3046	Y
26		465.98	2146	Y
27		629.72	1588	Y
28		1140.25	877	Y
29		589.62	1696	Y
30		749.06	1335	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	29	4.80	168	Y
2	29	5.00	217	Y
3	26	3.30	166	Y
4	26	2.80	182	Y
5	26	3.10	224	Y
6	25	2.50	223	Y
7	27	3.30	228	N
8	29	4.80	192	Y
9	23	1.20	218	Y
10	25	2.50	190	Y
11	29	4.80	162	Y
12	27	3.70	181	Y
13	23	1.10	174	N
14	24	1.80	216	Y
15	27	3.90	195	Y
16	27	3.70	198	Y
17	29	4.70	165	Y
18	27	3.80	230	Y
19	29	4.60	188	Y
20	27	3.50	226	Y
21	25	2.50	200	Y
22	24	1.80	206	Y
23	25	2.10	183	Y
24	26	3.00	153	Y
25	26	2.90	176	Y
26	26	2.80	211	Y
27	23	1.00	210	N
28	24	1.70	186	Y
29	28	4.40	159	Y
30	25	2.30	178	Y

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	18	9.80	400	Y
2	18	10.00	434	Y
3	17	8.30	495	Y
4	17	7.80	341	Y
5	17	8.10	456	Y
6	17	7.50	233	Y
7	17	8.30	441	Y
8	18	9.80	265	Y
9	16	6.20	487	Y
10	17	7.50	202	Y
11	18	9.80	290	Y
12	17	8.70	296	Y
13	16	6.10	486	N
14	16	6.80	282	Y
15	18	8.90	242	Y
16	18	8.70	418	Y
17	18	9.70	464	Y
18	18	8.80	353	Y
19	18	9.60	429	Y
20	17	8.50	444	Y
21	17	7.50	327	Y
22	16	6.80	459	Y
23	16	7.10	436	Y
24	17	8.00	479	Y
25	17	7.90	236	Y
26	17	7.80	463	Y
27	16	6.00	232	Y
28	16	6.70	377	Y
29	18	9.40	448	Y
30	16	7.30	379	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	16	19.50	400	Y
2	16	19.90	434	Y
3	14	16.10	495	Y
4	14	15.00	341	Y
5	14	15.70	456	Y
6	13	14.30	233	Y
7	14	16.20	441	Y
8	16	19.50	265	Y
9	12	11.50	487	Y
10	13	14.40	202	Y
11	16	19.50	290	Y
12	15	17.00	296	Y
13	12	11.30	486	Y
14	13	12.90	282	Y
15	15	17.40	242	Y
16	15	17.10	418	Y
17	16	19.30	464	Y
18	15	17.20	353	Y
19	16	19.00	429	Y
20	15	16.60	444	Y
21	13	14.30	327	Y
22	12	12.80	459	Y
23	13	13.60	436	Y
24	14	15.50	479	N
25	14	15.40	236	Y
26	14	15.10	463	Y
27	12	11.10	232	Y
28	12	12.50	377	N
29	16	18.60	448	Y
30	13	13.80	379	N

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5310			Yes
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	97.3	20	1142	1259	1690
2	3	99.3	20	1686	1531	1137
3	2	78.2	20	1879	-	1757
4	2	72.2	20	1692	-	1597
5	2	76.1	20	1240	-	1784
6	2	68.5	20	1654	-	1886
7	2	78.9	20	1486	-	1510
8	3	97	20	1894	1403	1198
9	1	53	20	-	-	1081
10	2	68.8	20	1791	-	1216
11	3	97.2	20	1680	1109	1171
12	2	83.3	20	1807	-	1530
13	1	52.1	20	-	-	1357
14	1	60.5	20	-	-	1386
15	3	85.6	20	1382	1489	1423
16	3	84	20	1437	1304	1285
17	3	95.8	20	1225	1653	1990
18	3	84.2	20	1399	1067	1711
19	3	94.5	20	1057	1265	1890
20	2	81.3	20	1727	-	1629

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5310			Yes
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	68.3	20	1717	-	1222
2	1	59.9	20	-	-	1917
3	1	64.6	20	-	-	1451
4	2	75	20	1013	-	1944
5	2	74.3	20	1848	-	1355
6	2	73.1	20	1901	-	1402
7	1	50.7	20	-	-	1973
8	1	58.5	20	-	-	1581
9	3	91.9	20	1156	1726	1281
10	1	65.9	20	-	-	1400
11	1	60.9	20	-	-	1493
12	2	70.1	20	1310	-	1427
13	1	50.9	20	-	-	1295
14	3	93.2	20	1702	1350	1957
15	1	60	20	-	-	1522
16	2	73	20	1547	-	1261
17	2	77.2	20	1004	-	1183
18	2	70.8	20	1328	-	1267
19	1	52.5	20	-	-	1987
20	1	64.8	20	-	-	1159

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

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5310			Yes
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	98.8	14	1637	1561	1051
2	1	66.3	14	-	-	1343
3	3	84.3	14	1937	1734	1695
4	3	96.6	14	1387	1035	1622
5	2	69.9	14	1270	-	1658
6	3	97.2	14	1625	1808	1646
7	2	80	14	1669	-	1928
8	2	75.2	14	1885	-	1397
9	3	92.7	14	1772	1367	1587
10	2	82.9	14	1190	-	1395
11	3	89.3	14	1604	1834	1083
12	2	71.4	14	1916	-	1074
13	2	79.3	14	1783	-	1814
14	2	76	14	1636	-	1850
15	1	66	14	-	-	1707
16						
17						
18						
19						
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5310			Yes
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	87.3	12	1943	1161	1811
2	3	84.7	12	1947	1505	1920
3	1	53.2	12	-	-	1870
4	3	97.9	12	1630	1331	1924
5	1	52.9	12	-	-	1600
6	2	67.7	12	1457	-	1184
7	2	70.3	12	1867	-	1719
8	1	55.1	12	-	-	1039
9	3	87.2	12	1553	2000	1978
10	1	57.9	12	-	-	1337
11	2	77.1	12	1036	-	1792
12	2	82.4	12	1963	-	1111
13	1	58.9	12	-	-	1744
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			5			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5310			Yes
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	50.4	13	-	-	1458
2	1	62.5	13	-	-	1116
3	1	56.7	13	-	-	1981
4	2	75	13	1292	-	1960
5	2	81.6	13	1841	-	1964
6	2	79.6	13	1426	-	1014
7	2	82.5	13	1857	-	1507
8	1	52	13	-	-	1675
9	2	75.7	13	1575	-	1892
10	2	68	13	1455	-	1475
11	1	55	13	-	-	1273
12	2	77.2	13	1143	-	1234
13	3	93.2	13	1064	1781	1610
14	2	75.5	13	1660	-	1062
15						
16						
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Trial Number:			6			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5310			Yes
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	65.8	10	-	-	1407
2	1	59	10	-	-	1813
3	2	76.7	10	1404	-	1611
4	3	89.5	10	1959	1203	1378
5	3	90.8	10	1754	1196	1047
6	2	74.9	10	1891	-	1925
7	2	77.2	10	1418	-	1345
8	2	72.7	10	1293	-	1443
9	3	88.4	10	1556	1663	1360
10	2	74	10	1864	-	1678
11	2	72.9	10	1130	-	1765
12	3	99.7	10	1101	1305	1071
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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:			15			
Chirp Center Frequency:			5310			Yes
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	97.1	14	1898	1887	1453
2	2	78.4	14	1028	-	1557
3	1	61.2	14	-	-	1612
4	3	97.1	14	1353	1900	1301
5	3	88.6	14	1845	1823	1472
6	3	92.8	14	1785	1487	1532
7	1	64.8	14	-	-	1649
8	2	71	14	1773	-	1167
9	2	74.7	14	1627	-	1421
10	2	80.2	14	1999	-	1104
11	2	76.1	14	1749	-	1388
12	1	64.3	14	-	-	1320
13	3	89.8	14	1139	1199	1615
14	3	99.7	14	1027	1154	1745
15	3	93.5	14	1317	1586	1334
16						
17						
18						
19						
20						

Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5310			Yes
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	20	-	-	1833
2	1	61.6	20	-	-	1245
3	2	66.7	20	1539	-	1260
4	3	98.2	20	1585	1554	1820
5	2	70.6	20	1789	-	1787
6	1	59.8	20	-	-	1936
7	3	92.3	20	1032	1524	1534
8	1	54.4	20	-	-	1034
9	3	96.1	20	1338	1545	1895
10	1	60.5	20	-	-	1941
11	2	68.5	20	1012	-	1076
12	3	86.3	20	1899	1121	1452
13	1	57.4	20	-	-	1009
14	2	81.7	20	1264	-	1333
15	2	77.7	20	1063	-	1736
16	2	74.2	20	1414	-	1336
17	2	82.7	20	1769	-	1341
18	1	52	20	-	-	1179
19	2	82	20	1164	-	1533
20	2	82.6	20	1119	-	1768

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

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5310			Yes
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	54.1	5	-	-	1168
2	3	90.8	5	1758	1373	1966
3	2	78.6	5	1677	-	1523
4	2	79.4	5	1541	-	1501
5	1	62.2	5	-	-	1306
6	1	62.4	5	-	-	1780
7	2	72.1	5	1174	-	1138
8	1	50.7	5	-	-	1989
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5310			Yes
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	85.6	11	1776	1979	1798
2	2	82.9	11	1006	-	1853
3	1	62.3	11	-	-	1620
4	3	99.8	11	1362	1779	1634
5	3	91.2	11	1955	1506	1968
6	2	81.5	11	1743	-	1213
7	1	63.2	11	-	-	1312
8	1	61.1	11	-	-	1564
9	2	71.6	11	1563	-	1048
10	2	75.9	11	1258	-	1884
11	1	52.3	11	-	-	1799
12	3	89.8	11	1476	1582	1621
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			11			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5299.809			Yes
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	54.7	20	-	-	1762
2	2	73.9	20	1415	-	1667
3	1	65.1	20	-	-	1346
4	3	86.6	20	1315	1580	1106
5	2	70.1	20	1425	-	1764
6	1	56.4	20	-	-	1542
7	1	57.3	20	-	-	1975
8	3	89.3	20	1033	1480	1238
9	3	97.1	20	1786	1643	1056
10	1	56	20	-	-	1875
11	3	93.4	20	1818	1718	1638
12	1	62.3	20	-	-	1566
13	1	57.8	20	-	-	1206
14	2	67	20	1793	-	1220
15	3	89.4	20	1107	1854	1732
16	2	73.2	20	1237	-	1250
17	2	83.1	20	1712	-	1286
18	3	87.3	20	1442	1958	1903
19	3	85.9	20	1515	1499	1723
20	1	58.2	20	-	-	1025

Trial Number:			12			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5297.809			Yes
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	87.8	87.8	1239	1574	1461
2	3	91.5	91.5	1496	1361	1219
3	2	68.9	68.9	1181	-	1131
4	1	63.2	63.2	-	-	1483
5	3	98.2	98.2	1021	1197	1431
6	2	68.8	68.8	1053	-	1913
7	3	95.2	95.2	1817	1671	1909
8	2	76	76	1608	-	1211
9	2	68.5	68.5	1162	-	1358
10	1	66.6	66.6	-	-	1484
11	1	52.5	52.5	-	-	1639
12	1	56.8	56.8	-	-	1592
13	3	99.7	99.7	1212	1078	1753
14	3	92.3	92.3	1825	1023	1396
15	2	77.8	77.8	1422	-	1125
16	2	80.2	80.2	1871	-	1092
17						
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19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5293.809			Yes
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	75.7	5	1446	-	1544
2	3	92	5	1089	1830	1118
3	1	59.2	5	-	-	1363
4	1	55.8	5	-	-	1866
5	1	55	5	-	-	1470
6	2	82.9	5	1494	-	1469
7	1	53.7	5	-	-	1844
8	2	79.6	5	1647	-	1481
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5295.009			Yes
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	89.6	8	1770	1504	1093
2	1	50	8	-	-	1802
3	3	91.9	8	1339	1439	1045
4	2	74.1	8	1348	-	1266
5	3	92.2	8	1347	1242	1307
6	3	90.1	8	1801	1996	1110
7	2	78.1	8	1188	-	1882
8	3	84.3	8	1948	1419	1189
9	3	90	8	1543	1665	1390
10	3	94.1	8	1087	1915	1858
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5298.209			Yes
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	52	16	-	-	1616
2	1	63.3	16	-	-	1289
3	1	55	16	-	-	1632
4	1	51.9	16	-	-	1420
5	3	88.5	16	1204	1294	1277
6	1	51.3	16	-	-	1624
7	1	61.3	16	-	-	1099
8	2	81.4	16	1598	-	1591
9	2	70.8	16	1856	-	1568
10	2	80.5	16	1244	-	1516
11	1	53.5	16	-	-	1946
12	3	86.5	16	1551	1316	1236
13	1	62.6	16	-	-	1492
14	1	65.6	16	-	-	1733
15	3	89.2	16	1147	1797	1977
16	1	59.1	16	-	-	1132
17	3	97.5	16	1223	1697	1565
18						
19						
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5297.809			Yes
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	91.1	15	1950	1819	1019
2	2	78.1	15	1688	-	1498
3	2	80.1	15	1429	-	1369
4	1	53.1	15	-	-	1191
5	1	54.9	15	-	-	1079
6	3	87.7	15	1031	1394	1160
7	3	89.3	15	1144	1467	1256
8	2	73.6	15	1869	-	1859
9	3	98.1	15	1007	1681	1704
10	2	76.9	15	1424	-	1158
11	2	71	15	1330	-	1405
12	3	83.9	15	1364	1205	1685
13	2	78.4	15	1709	-	1482
14	3	88.5	15	1445	1441	1359
15	2	68.2	15	1942	-	1877
16	2	66.9	15	1865	-	1750
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5299.409			Yes
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	55.5	19	-	-	1001
2	3	90.2	19	1054	1703	1478
3	1	64.5	19	-	-	1991
4	2	75.1	19	1262	-	1782
5	2	73.7	19	1595	-	1249
6	1	53.5	19	-	-	1605
7	1	57.9	19	-	-	1412
8	3	94.5	19	1985	1755	1221
9	2	73.7	19	1391	-	1970
10	1	62	19	-	-	1893
11	2	73.3	19	1231	-	1710
12	2	76	19	1008	-	1229
13	1	53	19	-	-	1257
14	3	87.5	19	1558	1705	1760
15	2	76.3	19	1922	-	1095
16	3	85	19	1428	1318	1024
17	2	83	19	1741	-	1933
18	3	92.6	19	1529	1714	1105
19	3	87.1	19	1573	1098	1988
20						

Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5297.809			Yes
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	56.2	15	-	-	1617
2	1	59.8	15	-	-	1940
3	3	91	15	1907	1040	1740
4	3	97.2	15	1152	1127	1742
5	2	75.7	15	1618	-	1408
6	1	65.7	15	-	-	1120
7	2	78.3	15	1299	-	1535
8	3	90.4	15	1410	1235	1860
9	2	74.5	15	1923	-	1246
10	3	90.3	15	1321	1698	1578
11	3	97.6	15	1149	1728	1525
12	3	92.4	15	1208	1815	1738
13	3	92	15	1389	1377	1836
14	3	85.3	15	1590	1151	1148
15	2	69.6	15	1995	-	1454
16	1	57	15	-	-	1465
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5299.409			Yes
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	75.4	19	1935.000	-	1601
2	2	74.7	19	1166.000	-	1070
3	3	84.1	19	1241.000	1883.000	1746
4	2	73.8	19	1816.000	-	1962
5	3	87.5	19	1868.000	1135.000	1401
6	2	70.1	19	1650.000	-	1594
7	3	85.7	19	1998.000	1513.000	1503
8	2	79.5	19	1327.000	-	1699
9	3	92.9	19	1112.000	1731.000	1846
10	1	64.4	19	-	-	1365
11	1	63.3	19	-	-	1904
12	2	70.6	19	1897.000	-	1232
13	1	60.6	19	-	-	1406
14	1	50.6	19	-	-	1683
15	3	86.1	19	1809.000	1468.000	1449
16	1	50.8	19	-	-	1129
17	3	85.8	19	1459.000	1635.000	1233
18	1	51.4	19	-	-	1953
19	1	62	19	-	-	1381
20						

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5297.809			Yes
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	15	-	-	1200
2	1	64.6	15	-	-	1761
3	3	93.1	15	1720	1485	1756
4	3	88.9	15	1269	1880	1097
5	1	59.3	15	-	-	1433
6	3	95.5	15	1694	1313	1602
7	1	63.2	15	-	-	1140
8	3	83.5	15	1748	1912	1278
9	1	54.1	15	-	-	1614
10	2	76.2	15	1005	-	1752
11	2	69.6	15	1560	-	1010
12	2	81.4	15	1041	-	1383
13	3	90.8	15	1372	1788	1207
14	3	83.5	15	1596	1821	1473
15	2	80.4	15	1185	-	1072
16	1	50.8	15	-	-	1538
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5324.191			Yes
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	60.2	10	-	-	1559
2	3	98.9	10	1584	1570	1069
3	2	68.8	10	1049	-	1599
4	3	99.7	10	1108	1588	1835
5	3	86.1	10	1187	1796	1828
6	2	74.2	10	1843	-	1919
7	1	61.5	10	-	-	1822
8	1	54.2	10	-	-	1878
9	1	61.2	10	-	-	1254
10	1	52.4	10	-	-	1495
11	1	57.7	10	-	-	1509
12	2	79.8	10	1926	-	1026
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5324.991			Yes
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	73.8	8	1479	-	1684
2	1	54.2	8	-	-	1790
3	3	96.7	8	1693	1491	1716
4	1	56.5	8	-	-	1366
5	3	90.5	8	1548	1951	1831
6	2	73.3	8	1805	-	1284
7	1	62.5	8	-	-	1000
8	3	92.4	8	1708	1488	1123
9	2	82.3	8	1456	-	1153
10	3	85.9	8	1175	1176	1016
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5324.591			Yes
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	74.7	9	1435	-	1549
2	2	78.3	9	1583	-	1329
3	2	74.3	9	1209	-	1737
4	3	86.7	9	1163	1066	1679
5	2	81.5	9	1283	-	1626
6	1	53.2	9	-	-	1432
7	2	73.2	9	1170	-	1528
8	2	83	9	1969	-	1128
9	2	72.6	9	1342	-	1114
10	3	87.1	9	1775	1725	1567
11	2	80.2	9	1474	-	1210
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5323.391			No
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	99.8	12	1037	1288	1628
2	2	75.9	12	1059	-	1640
3	1	52	12	-	-	1609
4	2	67	12	1876	-	2000
5	1	51.8	12	-	-	1038
6	2	75.9	12	1992	-	1447
7	2	82.8	12	1849	-	1689
8	1	53.1	12	-	-	1157
9	3	88.9	12	1319	1803	1908
10	2	77.6	12	1150	-	1192
11	1	56.8	12	-	-	1911
12	3	87.7	12	1657	1332	1562
13	3	83.4	12	1462	1972	1145
14	1	59.6	12	-	-	1517
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5323.391			Yes
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	100	12	1536	1806	1291
2	2	79.5	12	1938	-	1514
3	1	63	12	-	-	1526
4	3	90.9	12	1633	1201	1169
5	2	67.4	12	1696	-	1648
6	2	70.9	12	1460	-	1117
7	3	88.1	12	1889	1268	1687
8	2	68.5	12	1124	-	1910
9	2	74.4	12	1436	-	1810
10	2	74.2	12	1252	-	1068
11	3	90.5	12	1674	1840	1842
12	2	75.3	12	1352	-	1676
13	3	99.5	12	1302	1888	1340
14	3	92.8	12	1673	1323	1939
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5323.391			Yes
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	58.2	12	-	-	1983
2	2	81	12	1931	-	1713
3	2	78.3	12	1096	-	1767
4	2	79.9	12	1043	-	1967
5	2	70.6	12	1314	-	1015
6	3	99.6	12	1645	1927	1194
7	2	74.1	12	1666	-	1956
8	2	78.4	12	1795	-	1380
9	3	94.7	12	1644	1417	1155
10	3	89.6	12	1290	1271	1739
11	3	88.6	12	1438	1490	1929
12	3	97.5	12	1700	1471	1376
13	2	79.7	12	1177	-	1416
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5326.191			Yes
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	89.3	5	1607	1349	1593
2	3	93.5	5	1555	1115	1914
3	1	58.3	5	-	-	1631
4	2	67.8	5	1537	-	1022
5	3	90.6	5	1311	1091	1136
6	3	90.9	5	1172	1393	1193
7	2	77.1	5	1084	-	1863
8	2	81.6	5	1146	-	1546
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5325.391			Yes
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	73.7	7	1623	-	1450
2	1	60.1	7	-	-	1046
3	3	92.1	7	1228	1379	1126
4	1	55.1	7	-	-	1572
5	1	66.2	7	-	-	1255
6	3	92.2	7	1569	1826	1747
7	2	81.3	7	1466	-	1384
8	1	51.5	7	-	-	1385
9	2	77.9	7	1368	-	1055
10	2	76.5	7	1519	-	1029
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5320.991			Yes
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	76.5	18	1921	-	1202
2	2	76.4	18	1721	-	1085
3	3	90.1	18	1215	1448	1280
4	3	95	18	1577	1664	1980
5	1	57.8	18	-	-	1934
6	3	99.3	18	1463	1274	1180
7	2	77	18	1832	-	1576
8	2	67.1	18	1656	-	1075
9	3	83.9	18	1371	1655	1774
10	3	85.6	18	1464	1297	1855
11	2	71.5	18	1571	-	1691
12	3	84.9	18	1902	1730	1997
13	2	73.5	18	1662	-	1500
14	1	52.2	18	-	-	1982
15	2	70	18	1134	-	1589
16	3	91.3	18	1794	1729	1839
17	3	98.8	18	1218	1374	1322
18	2	75.1	18	1248	-	1173
19						
20						

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5324.191			Yes
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	66	10	-	-	1520
2	1	56.3	10	-	-	1619
3	3	99.9	10	1512	1952	1932
4	3	84.5	10	1851	1827	1344
5	2	72.4	10	1508	-	1324
6	1	61.1	10	-	-	1961
7	3	84.5	10	1829	1296	1804
8	2	70.8	10	1214	-	1020
9	3	86.2	10	1042	1497	1080
10	2	74.7	10	1945	-	1812
11	1	54.4	10	-	-	1325
12	1	57.4	10	-	-	1356
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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	1	1930.50	518	Y
2	3	1792.11	558	Y
3	13	1319.26	758	Y
4	7	1567.40	638	Y
5	9	1474.93	678	Y
6	22	1066.10	938	Y
7	10	1432.66	698	Y
8	21	1089.32	918	Y
9	8	1519.76	658	Y
10	15	1253.13	798	Y
11	2	1858.74	538	Y
12	5	1672.24	598	Y
13	4	1730.10	578	Y
14	14	1285.35	778	Y
15	11	1392.76	718	Y
16		558.97	1789	Y
17		1172.33	853	Y
18		1050.42	952	Y
19		1177.86	849	Y
20		1597.44	626	Y
21		348.68	2868	Y
22		381.53	2621	Y
23		407.17	2456	Y
24		1173.71	852	Y
25		328.30	3046	Y
26		465.98	2146	Y
27		629.72	1588	Y
28		1140.25	877	Y
29		589.62	1696	Y
30		749.06	1335	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	29	4.80	168	Y
2	29	5.00	217	Y
3	26	3.30	166	Y
4	26	2.80	182	Y
5	26	3.10	224	Y
6	25	2.50	223	Y
7	27	3.30	228	Y
8	29	4.80	192	Y
9	23	1.20	218	Y
10	25	2.50	190	Y
11	29	4.80	162	Y
12	27	3.70	181	Y
13	23	1.10	174	Y
14	24	1.80	216	Y
15	27	3.90	195	N
16	27	3.70	198	Y
17	29	4.70	165	Y
18	27	3.80	230	Y
19	29	4.60	188	Y
20	27	3.50	226	Y
21	25	2.50	200	Y
22	24	1.80	206	Y
23	25	2.10	183	N
24	26	3.00	153	Y
25	26	2.90	176	Y
26	26	2.80	211	Y
27	23	1.00	210	Y
28	24	1.70	186	Y
29	28	4.40	159	Y
30	25	2.30	178	Y

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	18	9.80	400	Y
2	18	10.00	434	Y
3	17	8.30	495	Y
4	17	7.80	341	Y
5	17	8.10	456	Y
6	17	7.50	233	Y
7	17	8.30	441	Y
8	18	9.80	265	Y
9	16	6.20	487	Y
10	17	7.50	202	Y
11	18	9.80	290	Y
12	17	8.70	296	Y
13	16	6.10	486	Y
14	16	6.80	282	Y
15	18	8.90	242	Y
16	18	8.70	418	Y
17	18	9.70	464	Y
18	18	8.80	353	Y
19	18	9.60	429	Y
20	17	8.50	444	Y
21	17	7.50	327	Y
22	16	6.80	459	Y
23	16	7.10	436	Y
24	17	8.00	479	Y
25	17	7.90	236	Y
26	17	7.80	463	Y
27	16	6.00	232	Y
28	16	6.70	377	Y
29	18	9.40	448	Y
30	16	7.30	379	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	16	19.50	400	Y
2	16	19.90	434	Y
3	14	16.10	495	Y
4	14	15.00	341	Y
5	14	15.70	456	Y
6	13	14.30	233	Y
7	14	16.20	441	Y
8	16	19.50	265	Y
9	12	11.50	487	Y
10	13	14.40	202	Y
11	16	19.50	290	Y
12	15	17.00	296	Y
13	12	11.30	486	Y
14	13	12.90	282	Y
15	15	17.40	242	Y
16	15	17.10	418	Y
17	16	19.30	464	Y
18	15	17.20	353	Y
19	16	19.00	429	Y
20	15	16.60	444	Y
21	13	14.30	327	Y
22	12	12.80	459	Y
23	13	13.60	436	Y
24	14	15.50	479	Y
25	14	15.40	236	Y
26	14	15.10	463	Y
27	12	11.10	232	Y
28	12	12.50	377	N
29	16	18.60	448	N
30	13	13.80	379	Y

DFS Radar Parameters
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Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5500			Yes
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	97.3	20	1142	1259	1690
2	3	99.3	20	1686	1531	1137
3	2	78.2	20	1879	-	1757
4	2	72.2	20	1692	-	1597
5	2	76.1	20	1240	-	1784
6	2	68.5	20	1654	-	1886
7	2	78.9	20	1486	-	1510
8	3	97	20	1894	1403	1198
9	1	53	20	-	-	1081
10	2	68.8	20	1791	-	1216
11	3	97.2	20	1680	1109	1171
12	2	83.3	20	1807	-	1530
13	1	52.1	20	-	-	1357
14	1	60.5	20	-	-	1386
15	3	85.6	20	1382	1489	1423
16	3	84	20	1437	1304	1285
17	3	95.8	20	1225	1653	1990
18	3	84.2	20	1399	1067	1711
19	3	94.5	20	1057	1265	1890
20	2	81.3	20	1727	-	1629

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5500			Yes
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	68.3	20	1717	-	1222
2	1	59.9	20	-	-	1917
3	1	64.6	20	-	-	1451
4	2	75	20	1013	-	1944
5	2	74.3	20	1848	-	1355
6	2	73.1	20	1901	-	1402
7	1	50.7	20	-	-	1973
8	1	58.5	20	-	-	1581
9	3	91.9	20	1156	1726	1281
10	1	65.9	20	-	-	1400
11	1	60.9	20	-	-	1493
12	2	70.1	20	1310	-	1427
13	1	50.9	20	-	-	1295
14	3	93.2	20	1702	1350	1957
15	1	60	20	-	-	1522
16	2	73	20	1547	-	1261
17	2	77.2	20	1004	-	1183
18	2	70.8	20	1328	-	1267
19	1	52.5	20	-	-	1987
20	1	64.8	20	-	-	1159

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Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5500			Yes
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	98.8	14	1637	1561	1051
2	1	66.3	14	-	-	1343
3	3	84.3	14	1937	1734	1695
4	3	96.6	14	1387	1035	1622
5	2	69.9	14	1270	-	1658
6	3	97.2	14	1625	1808	1646
7	2	80	14	1669	-	1928
8	2	75.2	14	1885	-	1397
9	3	92.7	14	1772	1367	1587
10	2	82.9	14	1190	-	1395
11	3	89.3	14	1604	1834	1083
12	2	71.4	14	1916	-	1074
13	2	79.3	14	1783	-	1814
14	2	76	14	1636	-	1850
15	1	66	14	-	-	1707
16						
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19						
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5500			Yes
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	87.3	12	1943	1161	1811
2	3	84.7	12	1947	1505	1920
3	1	53.2	12	-	-	1870
4	3	97.9	12	1630	1331	1924
5	1	52.9	12	-	-	1600
6	2	67.7	12	1457	-	1184
7	2	70.3	12	1867	-	1719
8	1	55.1	12	-	-	1039
9	3	87.2	12	1553	2000	1978
10	1	57.9	12	-	-	1337
11	2	77.1	12	1036	-	1792
12	2	82.4	12	1963	-	1111
13	1	58.9	12	-	-	1744
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Trial Number:			5			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5500			Yes
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	50.4	13	-	-	1458
2	1	62.5	13	-	-	1116
3	1	56.7	13	-	-	1981
4	2	75	13	1292	-	1960
5	2	81.6	13	1841	-	1964
6	2	79.6	13	1426	-	1014
7	2	82.5	13	1857	-	1507
8	1	52	13	-	-	1675
9	2	75.7	13	1575	-	1892
10	2	68	13	1455	-	1475
11	1	55	13	-	-	1273
12	2	77.2	13	1143	-	1234
13	3	93.2	13	1064	1781	1610
14	2	75.5	13	1660	-	1062
15						
16						
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19						
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Trial Number:			6			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5500			Yes
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	65.8	10	-	-	1407
2	1	59	10	-	-	1813
3	2	76.7	10	1404	-	1611
4	3	89.5	10	1959	1203	1378
5	3	90.8	10	1754	1196	1047
6	2	74.9	10	1891	-	1925
7	2	77.2	10	1418	-	1345
8	2	72.7	10	1293	-	1443
9	3	88.4	10	1556	1663	1360
10	2	74	10	1864	-	1678
11	2	72.9	10	1130	-	1765
12	3	99.7	10	1101	1305	1071
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DFS Radar Parameters
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Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5500			Yes
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	97.1	14	1898	1887	1453
2	2	78.4	14	1028	-	1557
3	1	61.2	14	-	-	1612
4	3	97.1	14	1353	1900	1301
5	3	88.6	14	1845	1823	1472
6	3	92.8	14	1785	1487	1532
7	1	64.8	14	-	-	1649
8	2	71	14	1773	-	1167
9	2	74.7	14	1627	-	1421
10	2	80.2	14	1999	-	1104
11	2	76.1	14	1749	-	1388
12	1	64.3	14	-	-	1320
13	3	89.8	14	1139	1199	1615
14	3	99.7	14	1027	1154	1745
15	3	93.5	14	1317	1586	1334
16						
17						
18						
19						
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5500			Yes
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	20	-	-	1833
2	1	61.6	20	-	-	1245
3	2	66.7	20	1539	-	1260
4	3	98.2	20	1585	1554	1820
5	2	70.6	20	1789	-	1787
6	1	59.8	20	-	-	1936
7	3	92.3	20	1032	1524	1534
8	1	54.4	20	-	-	1034
9	3	96.1	20	1338	1545	1895
10	1	60.5	20	-	-	1941
11	2	68.5	20	1012	-	1076
12	3	86.3	20	1899	1121	1452
13	1	57.4	20	-	-	1009
14	2	81.7	20	1264	-	1333
15	2	77.7	20	1063	-	1736
16	2	74.2	20	1414	-	1336
17	2	82.7	20	1769	-	1341
18	1	52	20	-	-	1179
19	2	82	20	1164	-	1533
20	2	82.6	20	1119	-	1768

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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5500			Yes
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	54.1	5	-	-	1168
2	3	90.8	5	1758	1373	1966
3	2	78.6	5	1677	-	1523
4	2	79.4	5	1541	-	1501
5	1	62.2	5	-	-	1306
6	1	62.4	5	-	-	1780
7	2	72.1	5	1174	-	1138
8	1	50.7	5	-	-	1989
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5500			Yes
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	85.6	11	1776	1979	1798
2	2	82.9	11	1006	-	1853
3	1	62.3	11	-	-	1620
4	3	99.8	11	1362	1779	1634
5	3	91.2	11	1955	1506	1968
6	2	81.5	11	1743	-	1213
7	1	63.2	11	-	-	1312
8	1	61.1	11	-	-	1564
9	2	71.6	11	1563	-	1048
10	2	75.9	11	1258	-	1884
11	1	52.3	11	-	-	1799
12	3	89.8	11	1476	1582	1621
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Trial Number:			11			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5498.97			Yes
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	54.7	20	-	-	1762
2	2	73.9	20	1415	-	1667
3	1	65.1	20	-	-	1346
4	3	86.6	20	1315	1580	1106
5	2	70.1	20	1425	-	1764
6	1	56.4	20	-	-	1542
7	1	57.3	20	-	-	1975
8	3	89.3	20	1033	1480	1238
9	3	97.1	20	1786	1643	1056
10	1	56	20	-	-	1875
11	3	93.4	20	1818	1718	1638
12	1	62.3	20	-	-	1566
13	1	57.8	20	-	-	1206
14	2	67	20	1793	-	1220
15	3	89.4	20	1107	1854	1732
16	2	73.2	20	1237	-	1250
17	2	83.1	20	1712	-	1286
18	3	87.3	20	1442	1958	1903
19	3	85.9	20	1515	1499	1723
20	1	58.2	20	-	-	1025

Trial Number:			12			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5496.97			Yes
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	87.8	87.8	1239	1574	1461
2	3	91.5	91.5	1496	1361	1219
3	2	68.9	68.9	1181	-	1131
4	1	63.2	63.2	-	-	1483
5	3	98.2	98.2	1021	1197	1431
6	2	68.8	68.8	1053	-	1913
7	3	95.2	95.2	1817	1671	1909
8	2	76	76	1608	-	1211
9	2	68.5	68.5	1162	-	1358
10	1	66.6	66.6	-	-	1484
11	1	52.5	52.5	-	-	1639
12	1	56.8	56.8	-	-	1592
13	3	99.7	99.7	1212	1078	1753
14	3	92.3	92.3	1825	1023	1396
15	2	77.8	77.8	1422	-	1125
16	2	80.2	80.2	1871	-	1092
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5492.97			Yes
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	75.7	5	1446	-	1544
2	3	92	5	1089	1830	1118
3	1	59.2	5	-	-	1363
4	1	55.8	5	-	-	1866
5	1	55	5	-	-	1470
6	2	82.9	5	1494	-	1469
7	1	53.7	5	-	-	1844
8	2	79.6	5	1647	-	1481
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5494.17			Yes
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	89.6	8	1770	1504	1093
2	1	50	8	-	-	1802
3	3	91.9	8	1339	1439	1045
4	2	74.1	8	1348	-	1266
5	3	92.2	8	1347	1242	1307
6	3	90.1	8	1801	1996	1110
7	2	78.1	8	1188	-	1882
8	3	84.3	8	1948	1419	1189
9	3	90	8	1543	1665	1390
10	3	94.1	8	1087	1915	1858
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Trial Number:			15			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5497.37			Yes
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	52	16	-	-	1616
2	1	63.3	16	-	-	1289
3	1	55	16	-	-	1632
4	1	51.9	16	-	-	1420
5	3	88.5	16	1204	1294	1277
6	1	51.3	16	-	-	1624
7	1	61.3	16	-	-	1099
8	2	81.4	16	1598	-	1591
9	2	70.8	16	1856	-	1568
10	2	80.5	16	1244	-	1516
11	1	53.5	16	-	-	1946
12	3	86.5	16	1551	1316	1236
13	1	62.6	16	-	-	1492
14	1	65.6	16	-	-	1733
15	3	89.2	16	1147	1797	1977
16	1	59.1	16	-	-	1132
17	3	97.5	16	1223	1697	1565
18						
19						
20						

Trial Number:			16			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5496.97			Yes
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	91.1	15	1950	1819	1019
2	2	78.1	15	1688	-	1498
3	2	80.1	15	1429	-	1369
4	1	53.1	15	-	-	1191
5	1	54.9	15	-	-	1079
6	3	87.7	15	1031	1394	1160
7	3	89.3	15	1144	1467	1256
8	2	73.6	15	1869	-	1859
9	3	98.1	15	1007	1681	1704
10	2	76.9	15	1424	-	1158
11	2	71	15	1330	-	1405
12	3	83.9	15	1364	1205	1685
13	2	78.4	15	1709	-	1482
14	3	88.5	15	1445	1441	1359
15	2	68.2	15	1942	-	1877
16	2	66.9	15	1865	-	1750
17						
18						
19						
20						

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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5498.57			Yes
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	55.5	19	-	-	1001
2	3	90.2	19	1054	1703	1478
3	1	64.5	19	-	-	1991
4	2	75.1	19	1262	-	1782
5	2	73.7	19	1595	-	1249
6	1	53.5	19	-	-	1605
7	1	57.9	19	-	-	1412
8	3	94.5	19	1985	1755	1221
9	2	73.7	19	1391	-	1970
10	1	62	19	-	-	1893
11	2	73.3	19	1231	-	1710
12	2	76	19	1008	-	1229
13	1	53	19	-	-	1257
14	3	87.5	19	1558	1705	1760
15	2	76.3	19	1922	-	1095
16	3	85	19	1428	1318	1024
17	2	83	19	1741	-	1933
18	3	92.6	19	1529	1714	1105
19	3	87.1	19	1573	1098	1988
20						

Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5496.97			Yes
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	56.2	15	-	-	1617
2	1	59.8	15	-	-	1940
3	3	91	15	1907	1040	1740
4	3	97.2	15	1152	1127	1742
5	2	75.7	15	1618	-	1408
6	1	65.7	15	-	-	1120
7	2	78.3	15	1299	-	1535
8	3	90.4	15	1410	1235	1860
9	2	74.5	15	1923	-	1246
10	3	90.3	15	1321	1698	1578
11	3	97.6	15	1149	1728	1525
12	3	92.4	15	1208	1815	1738
13	3	92	15	1389	1377	1836
14	3	85.3	15	1590	1151	1148
15	2	69.6	15	1995	-	1454
16	1	57	15	-	-	1465
17						
18						
19						
20						

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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5498.57			Yes
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	75.4	19	1935.000	-	1601
2	2	74.7	19	1166.000	-	1070
3	3	84.1	19	1241.000	1883.000	1746
4	2	73.8	19	1816.000	-	1962
5	3	87.5	19	1868.000	1135.000	1401
6	2	70.1	19	1650.000	-	1594
7	3	85.7	19	1998.000	1513.000	1503
8	2	79.5	19	1327.000	-	1699
9	3	92.9	19	1112.000	1731.000	1846
10	1	64.4	19	-	-	1365
11	1	63.3	19	-	-	1904
12	2	70.6	19	1897.000	-	1232
13	1	60.6	19	-	-	1406
14	1	50.6	19	-	-	1683
15	3	86.1	19	1809.000	1468.000	1449
16	1	50.8	19	-	-	1129
17	3	85.8	19	1459.000	1635.000	1233
18	1	51.4	19	-	-	1953
19	1	62	19	-	-	1381
20						

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5496.97			Yes
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	15	-	-	1200
2	1	64.6	15	-	-	1761
3	3	93.1	15	1720	1485	1756
4	3	88.9	15	1269	1880	1097
5	1	59.3	15	-	-	1433
6	3	95.5	15	1694	1313	1602
7	1	63.2	15	-	-	1140
8	3	83.5	15	1748	1912	1278
9	1	54.1	15	-	-	1614
10	2	76.2	15	1005	-	1752
11	2	69.6	15	1560	-	1010
12	2	81.4	15	1041	-	1383
13	3	90.8	15	1372	1788	1207
14	3	83.5	15	1596	1821	1473
15	2	80.4	15	1185	-	1072
16	1	50.8	15	-	-	1538
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5505.03			Yes
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	60.2	10	-	-	1559
2	3	98.9	10	1584	1570	1069
3	2	68.8	10	1049	-	1599
4	3	99.7	10	1108	1588	1835
5	3	86.1	10	1187	1796	1828
6	2	74.2	10	1843	-	1919
7	1	61.5	10	-	-	1822
8	1	54.2	10	-	-	1878
9	1	61.2	10	-	-	1254
10	1	52.4	10	-	-	1495
11	1	57.7	10	-	-	1509
12	2	79.8	10	1926	-	1026
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5505.83			Yes
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	73.8	8	1479	-	1684
2	1	54.2	8	-	-	1790
3	3	96.7	8	1693	1491	1716
4	1	56.5	8	-	-	1366
5	3	90.5	8	1548	1951	1831
6	2	73.3	8	1805	-	1284
7	1	62.5	8	-	-	1000
8	3	92.4	8	1708	1488	1123
9	2	82.3	8	1456	-	1153
10	3	85.9	8	1175	1176	1016
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			23			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5505.43			Yes
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	74.7	9	1435	-	1549
2	2	78.3	9	1583	-	1329
3	2	74.3	9	1209	-	1737
4	3	86.7	9	1163	1066	1679
5	2	81.5	9	1283	-	1626
6	1	53.2	9	-	-	1432
7	2	73.2	9	1170	-	1528
8	2	83	9	1969	-	1128
9	2	72.6	9	1342	-	1114
10	3	87.1	9	1775	1725	1567
11	2	80.2	9	1474	-	1210
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Trial Number:			24			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5504.23			Yes
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	99.8	12	1037	1288	1628
2	2	75.9	12	1059	-	1640
3	1	52	12	-	-	1609
4	2	67	12	1876	-	2000
5	1	51.8	12	-	-	1038
6	2	75.9	12	1992	-	1447
7	2	82.8	12	1849	-	1689
8	1	53.1	12	-	-	1157
9	3	88.9	12	1319	1803	1908
10	2	77.6	12	1150	-	1192
11	1	56.8	12	-	-	1911
12	3	87.7	12	1657	1332	1562
13	3	83.4	12	1462	1972	1145
14	1	59.6	12	-	-	1517
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5504.23			Yes
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	100	12	1536	1806	1291
2	2	79.5	12	1938	-	1514
3	1	63	12	-	-	1526
4	3	90.9	12	1633	1201	1169
5	2	67.4	12	1696	-	1648
6	2	70.9	12	1460	-	1117
7	3	88.1	12	1889	1268	1687
8	2	68.5	12	1124	-	1910
9	2	74.4	12	1436	-	1810
10	2	74.2	12	1252	-	1068
11	3	90.5	12	1674	1840	1842
12	2	75.3	12	1352	-	1676
13	3	99.5	12	1302	1888	1340
14	3	92.8	12	1673	1323	1939
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5504.23			Yes
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	58.2	12	-	-	1983
2	2	81	12	1931	-	1713
3	2	78.3	12	1096	-	1767
4	2	79.9	12	1043	-	1967
5	2	70.6	12	1314	-	1015
6	3	99.6	12	1645	1927	1194
7	2	74.1	12	1666	-	1956
8	2	78.4	12	1795	-	1380
9	3	94.7	12	1644	1417	1155
10	3	89.6	12	1290	1271	1739
11	3	88.6	12	1438	1490	1929
12	3	97.5	12	1700	1471	1376
13	2	79.7	12	1177	-	1416
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			27			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5507.03			Yes
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	89.3	5	1607	1349	1593
2	3	93.5	5	1555	1115	1914
3	1	58.3	5	-	-	1631
4	2	67.8	5	1537	-	1022
5	3	90.6	5	1311	1091	1136
6	3	90.9	5	1172	1393	1193
7	2	77.1	5	1084	-	1863
8	2	81.6	5	1146	-	1546
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Trial Number:			28			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5506.23			Yes
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	73.7	7	1623	-	1450
2	1	60.1	7	-	-	1046
3	3	92.1	7	1228	1379	1126
4	1	55.1	7	-	-	1572
5	1	66.2	7	-	-	1255
6	3	92.2	7	1569	1826	1747
7	2	81.3	7	1466	-	1384
8	1	51.5	7	-	-	1385
9	2	77.9	7	1368	-	1055
10	2	76.5	7	1519	-	1029
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5501.83			Yes
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	76.5	18	1921	-	1202
2	2	76.4	18	1721	-	1085
3	3	90.1	18	1215	1448	1280
4	3	95	18	1577	1664	1980
5	1	57.8	18	-	-	1934
6	3	99.3	18	1463	1274	1180
7	2	77	18	1832	-	1576
8	2	67.1	18	1656	-	1075
9	3	83.9	18	1371	1655	1774
10	3	85.6	18	1464	1297	1855
11	2	71.5	18	1571	-	1691
12	3	84.9	18	1902	1730	1997
13	2	73.5	18	1662	-	1500
14	1	52.2	18	-	-	1982
15	2	70	18	1134	-	1589
16	3	91.3	18	1794	1729	1839
17	3	98.8	18	1218	1374	1322
18	2	75.1	18	1248	-	1173
19						
20						

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5505.03			Yes
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	66	10	-	-	1520
2	1	56.3	10	-	-	1619
3	3	99.9	10	1512	1952	1932
4	3	84.5	10	1851	1827	1344
5	2	72.4	10	1508	-	1324
6	1	61.1	10	-	-	1961
7	3	84.5	10	1829	1296	1804
8	2	70.8	10	1214	-	1020
9	3	86.2	10	1042	1497	1080
10	2	74.7	10	1945	-	1812
11	1	54.4	10	-	-	1325
12	1	57.4	10	-	-	1356
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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	1	1930.50	518	Y
2	3	1792.11	558	Y
3	13	1319.26	758	Y
4	7	1567.40	638	Y
5	9	1474.93	678	Y
6	22	1066.10	938	Y
7	10	1432.66	698	Y
8	21	1089.32	918	Y
9	8	1519.76	658	Y
10	15	1253.13	798	Y
11	2	1858.74	538	Y
12	5	1672.24	598	Y
13	4	1730.10	578	Y
14	14	1285.35	778	Y
15	11	1392.76	718	Y
16		558.97	1789	Y
17		1172.33	853	Y
18		1050.42	952	Y
19		1177.86	849	Y
20		1597.44	626	Y
21		348.68	2868	Y
22		381.53	2621	Y
23		407.17	2456	Y
24		1173.71	852	Y
25		328.30	3046	N
26		465.98	2146	Y
27		629.72	1588	Y
28		1140.25	877	Y
29		589.62	1696	Y
30		749.06	1335	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	29	4.80	168	Y
2	29	5.00	217	Y
3	26	3.30	166	Y
4	26	2.80	182	N
5	26	3.10	224	Y
6	25	2.50	223	Y
7	27	3.30	228	Y
8	29	4.80	192	Y
9	23	1.20	218	Y
10	25	2.50	190	Y
11	29	4.80	162	Y
12	27	3.70	181	Y
13	23	1.10	174	Y
14	24	1.80	216	Y
15	27	3.90	195	Y
16	27	3.70	198	Y
17	29	4.70	165	Y
18	27	3.80	230	Y
19	29	4.60	188	Y
20	27	3.50	226	Y
21	25	2.50	200	Y
22	24	1.80	206	Y
23	25	2.10	183	Y
24	26	3.00	153	Y
25	26	2.90	176	Y
26	26	2.80	211	Y
27	23	1.00	210	Y
28	24	1.70	186	Y
29	28	4.40	159	Y
30	25	2.30	178	Y

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	18	9.80	400	Y
2	18	10.00	434	Y
3	17	8.30	495	Y
4	17	7.80	341	Y
5	17	8.10	456	N
6	17	7.50	233	Y
7	17	8.30	441	Y
8	18	9.80	265	Y
9	16	6.20	487	Y
10	17	7.50	202	Y
11	18	9.80	290	N
12	17	8.70	296	Y
13	16	6.10	486	Y
14	16	6.80	282	N
15	18	8.90	242	Y
16	18	8.70	418	Y
17	18	9.70	464	Y
18	18	8.80	353	Y
19	18	9.60	429	Y
20	17	8.50	444	Y
21	17	7.50	327	Y
22	16	6.80	459	Y
23	16	7.10	436	Y
24	17	8.00	479	Y
25	17	7.90	236	Y
26	17	7.80	463	Y
27	16	6.00	232	Y
28	16	6.70	377	Y
29	18	9.40	448	Y
30	16	7.30	379	N

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	16	19.50	400	Y
2	16	19.90	434	Y
3	14	16.10	495	Y
4	14	15.00	341	Y
5	14	15.70	456	Y
6	13	14.30	233	Y
7	14	16.20	441	Y
8	16	19.50	265	Y
9	12	11.50	487	Y
10	13	14.40	202	Y
11	16	19.50	290	Y
12	15	17.00	296	Y
13	12	11.30	486	N
14	13	12.90	282	Y
15	15	17.40	242	Y
16	15	17.10	418	Y
17	16	19.30	464	N
18	15	17.20	353	Y
19	16	19.00	429	Y
20	15	16.60	444	Y
21	13	14.30	327	N
22	12	12.80	459	Y
23	13	13.60	436	Y
24	14	15.50	479	Y
25	14	15.40	236	Y
26	14	15.10	463	Y
27	12	11.10	232	Y
28	12	12.50	377	Y
29	16	18.60	448	Y
30	13	13.80	379	N

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5510			Yes
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	97.3	20	1142	1259	1690
2	3	99.3	20	1686	1531	1137
3	2	78.2	20	1879	-	1757
4	2	72.2	20	1692	-	1597
5	2	76.1	20	1240	-	1784
6	2	68.5	20	1654	-	1886
7	2	78.9	20	1486	-	1510
8	3	97	20	1894	1403	1198
9	1	53	20	-	-	1081
10	2	68.8	20	1791	-	1216
11	3	97.2	20	1680	1109	1171
12	2	83.3	20	1807	-	1530
13	1	52.1	20	-	-	1357
14	1	60.5	20	-	-	1386
15	3	85.6	20	1382	1489	1423
16	3	84	20	1437	1304	1285
17	3	95.8	20	1225	1653	1990
18	3	84.2	20	1399	1067	1711
19	3	94.5	20	1057	1265	1890
20	2	81.3	20	1727	-	1629

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5510			Yes
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	68.3	20	1717	-	1222
2	1	59.9	20	-	-	1917
3	1	64.6	20	-	-	1451
4	2	75	20	1013	-	1944
5	2	74.3	20	1848	-	1355
6	2	73.1	20	1901	-	1402
7	1	50.7	20	-	-	1973
8	1	58.5	20	-	-	1581
9	3	91.9	20	1156	1726	1281
10	1	65.9	20	-	-	1400
11	1	60.9	20	-	-	1493
12	2	70.1	20	1310	-	1427
13	1	50.9	20	-	-	1295
14	3	93.2	20	1702	1350	1957
15	1	60	20	-	-	1522
16	2	73	20	1547	-	1261
17	2	77.2	20	1004	-	1183
18	2	70.8	20	1328	-	1267
19	1	52.5	20	-	-	1987
20	1	64.8	20	-	-	1159

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

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5510			Yes
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	98.8	14	1637	1561	1051
2	1	66.3	14	-	-	1343
3	3	84.3	14	1937	1734	1695
4	3	96.6	14	1387	1035	1622
5	2	69.9	14	1270	-	1658
6	3	97.2	14	1625	1808	1646
7	2	80	14	1669	-	1928
8	2	75.2	14	1885	-	1397
9	3	92.7	14	1772	1367	1587
10	2	82.9	14	1190	-	1395
11	3	89.3	14	1604	1834	1083
12	2	71.4	14	1916	-	1074
13	2	79.3	14	1783	-	1814
14	2	76	14	1636	-	1850
15	1	66	14	-	-	1707
16						
17						
18						
19						
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5510			Yes
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	87.3	12	1943	1161	1811
2	3	84.7	12	1947	1505	1920
3	1	53.2	12	-	-	1870
4	3	97.9	12	1630	1331	1924
5	1	52.9	12	-	-	1600
6	2	67.7	12	1457	-	1184
7	2	70.3	12	1867	-	1719
8	1	55.1	12	-	-	1039
9	3	87.2	12	1553	2000	1978
10	1	57.9	12	-	-	1337
11	2	77.1	12	1036	-	1792
12	2	82.4	12	1963	-	1111
13	1	58.9	12	-	-	1744
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DFS Radar Parameters
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Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5510			Yes
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	50.4	13	-	-	1458
2	1	62.5	13	-	-	1116
3	1	56.7	13	-	-	1981
4	2	75	13	1292	-	1960
5	2	81.6	13	1841	-	1964
6	2	79.6	13	1426	-	1014
7	2	82.5	13	1857	-	1507
8	1	52	13	-	-	1675
9	2	75.7	13	1575	-	1892
10	2	68	13	1455	-	1475
11	1	55	13	-	-	1273
12	2	77.2	13	1143	-	1234
13	3	93.2	13	1064	1781	1610
14	2	75.5	13	1660	-	1062
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5510			Yes
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	65.8	10	-	-	1407
2	1	59	10	-	-	1813
3	2	76.7	10	1404	-	1611
4	3	89.5	10	1959	1203	1378
5	3	90.8	10	1754	1196	1047
6	2	74.9	10	1891	-	1925
7	2	77.2	10	1418	-	1345
8	2	72.7	10	1293	-	1443
9	3	88.4	10	1556	1663	1360
10	2	74	10	1864	-	1678
11	2	72.9	10	1130	-	1765
12	3	99.7	10	1101	1305	1071
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DFS Radar Parameters
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Channel 60 Bandwidth 20MHz

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5510			Yes
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	97.1	14	1898	1887	1453
2	2	78.4	14	1028	-	1557
3	1	61.2	14	-	-	1612
4	3	97.1	14	1353	1900	1301
5	3	88.6	14	1845	1823	1472
6	3	92.8	14	1785	1487	1532
7	1	64.8	14	-	-	1649
8	2	71	14	1773	-	1167
9	2	74.7	14	1627	-	1421
10	2	80.2	14	1999	-	1104
11	2	76.1	14	1749	-	1388
12	1	64.3	14	-	-	1320
13	3	89.8	14	1139	1199	1615
14	3	99.7	14	1027	1154	1745
15	3	93.5	14	1317	1586	1334
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5510			Yes
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	20	-	-	1833
2	1	61.6	20	-	-	1245
3	2	66.7	20	1539	-	1260
4	3	98.2	20	1585	1554	1820
5	2	70.6	20	1789	-	1787
6	1	59.8	20	-	-	1936
7	3	92.3	20	1032	1524	1534
8	1	54.4	20	-	-	1034
9	3	96.1	20	1338	1545	1895
10	1	60.5	20	-	-	1941
11	2	68.5	20	1012	-	1076
12	3	86.3	20	1899	1121	1452
13	1	57.4	20	-	-	1009
14	2	81.7	20	1264	-	1333
15	2	77.7	20	1063	-	1736
16	2	74.2	20	1414	-	1336
17	2	82.7	20	1769	-	1341
18	1	52	20	-	-	1179
19	2	82	20	1164	-	1533
20	2	82.6	20	1119	-	1768

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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5510			Yes
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	54.1	5	-	-	1168
2	3	90.8	5	1758	1373	1966
3	2	78.6	5	1677	-	1523
4	2	79.4	5	1541	-	1501
5	1	62.2	5	-	-	1306
6	1	62.4	5	-	-	1780
7	2	72.1	5	1174	-	1138
8	1	50.7	5	-	-	1989
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5510			Yes
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	85.6	11	1776	1979	1798
2	2	82.9	11	1006	-	1853
3	1	62.3	11	-	-	1620
4	3	99.8	11	1362	1779	1634
5	3	91.2	11	1955	1506	1968
6	2	81.5	11	1743	-	1213
7	1	63.2	11	-	-	1312
8	1	61.1	11	-	-	1564
9	2	71.6	11	1563	-	1048
10	2	75.9	11	1258	-	1884
11	1	52.3	11	-	-	1799
12	3	89.8	11	1476	1582	1621
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DFS Radar Parameters
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5499.418			Yes
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	54.7	20	-	-	1762
2	2	73.9	20	1415	-	1667
3	1	65.1	20	-	-	1346
4	3	86.6	20	1315	1580	1106
5	2	70.1	20	1425	-	1764
6	1	56.4	20	-	-	1542
7	1	57.3	20	-	-	1975
8	3	89.3	20	1033	1480	1238
9	3	97.1	20	1786	1643	1056
10	1	56	20	-	-	1875
11	3	93.4	20	1818	1718	1638
12	1	62.3	20	-	-	1566
13	1	57.8	20	-	-	1206
14	2	67	20	1793	-	1220
15	3	89.4	20	1107	1854	1732
16	2	73.2	20	1237	-	1250
17	2	83.1	20	1712	-	1286
18	3	87.3	20	1442	1958	1903
19	3	85.9	20	1515	1499	1723
20	1	58.2	20	-	-	1025

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5497.418			Yes
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	87.8	87.8	1239	1574	1461
2	3	91.5	91.5	1496	1361	1219
3	2	68.9	68.9	1181	-	1131
4	1	63.2	63.2	-	-	1483
5	3	98.2	98.2	1021	1197	1431
6	2	68.8	68.8	1053	-	1913
7	3	95.2	95.2	1817	1671	1909
8	2	76	76	1608	-	1211
9	2	68.5	68.5	1162	-	1358
10	1	66.6	66.6	-	-	1484
11	1	52.5	52.5	-	-	1639
12	1	56.8	56.8	-	-	1592
13	3	99.7	99.7	1212	1078	1753
14	3	92.3	92.3	1825	1023	1396
15	2	77.8	77.8	1422	-	1125
16	2	80.2	80.2	1871	-	1092
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5493.418			Yes
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	75.7	5	1446	-	1544
2	3	92	5	1089	1830	1118
3	1	59.2	5	-	-	1363
4	1	55.8	5	-	-	1866
5	1	55	5	-	-	1470
6	2	82.9	5	1494	-	1469
7	1	53.7	5	-	-	1844
8	2	79.6	5	1647	-	1481
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5494.618			Yes
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	89.6	8	1770	1504	1093
2	1	50	8	-	-	1802
3	3	91.9	8	1339	1439	1045
4	2	74.1	8	1348	-	1266
5	3	92.2	8	1347	1242	1307
6	3	90.1	8	1801	1996	1110
7	2	78.1	8	1188	-	1882
8	3	84.3	8	1948	1419	1189
9	3	90	8	1543	1665	1390
10	3	94.1	8	1087	1915	1858
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5497.818			Yes
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	52	16	-	-	1616
2	1	63.3	16	-	-	1289
3	1	55	16	-	-	1632
4	1	51.9	16	-	-	1420
5	3	88.5	16	1204	1294	1277
6	1	51.3	16	-	-	1624
7	1	61.3	16	-	-	1099
8	2	81.4	16	1598	-	1591
9	2	70.8	16	1856	-	1568
10	2	80.5	16	1244	-	1516
11	1	53.5	16	-	-	1946
12	3	86.5	16	1551	1316	1236
13	1	62.6	16	-	-	1492
14	1	65.6	16	-	-	1733
15	3	89.2	16	1147	1797	1977
16	1	59.1	16	-	-	1132
17	3	97.5	16	1223	1697	1565
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5497.418			Yes
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	91.1	15	1950	1819	1019
2	2	78.1	15	1688	-	1498
3	2	80.1	15	1429	-	1369
4	1	53.1	15	-	-	1191
5	1	54.9	15	-	-	1079
6	3	87.7	15	1031	1394	1160
7	3	89.3	15	1144	1467	1256
8	2	73.6	15	1869	-	1859
9	3	98.1	15	1007	1681	1704
10	2	76.9	15	1424	-	1158
11	2	71	15	1330	-	1405
12	3	83.9	15	1364	1205	1685
13	2	78.4	15	1709	-	1482
14	3	88.5	15	1445	1441	1359
15	2	68.2	15	1942	-	1877
16	2	66.9	15	1865	-	1750
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5499.018			Yes
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	55.5	19	-	-	1001
2	3	90.2	19	1054	1703	1478
3	1	64.5	19	-	-	1991
4	2	75.1	19	1262	-	1782
5	2	73.7	19	1595	-	1249
6	1	53.5	19	-	-	1605
7	1	57.9	19	-	-	1412
8	3	94.5	19	1985	1755	1221
9	2	73.7	19	1391	-	1970
10	1	62	19	-	-	1893
11	2	73.3	19	1231	-	1710
12	2	76	19	1008	-	1229
13	1	53	19	-	-	1257
14	3	87.5	19	1558	1705	1760
15	2	76.3	19	1922	-	1095
16	3	85	19	1428	1318	1024
17	2	83	19	1741	-	1933
18	3	92.6	19	1529	1714	1105
19	3	87.1	19	1573	1098	1988
20						

Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5497.418			Yes
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	56.2	15	-	-	1617
2	1	59.8	15	-	-	1940
3	3	91	15	1907	1040	1740
4	3	97.2	15	1152	1127	1742
5	2	75.7	15	1618	-	1408
6	1	65.7	15	-	-	1120
7	2	78.3	15	1299	-	1535
8	3	90.4	15	1410	1235	1860
9	2	74.5	15	1923	-	1246
10	3	90.3	15	1321	1698	1578
11	3	97.6	15	1149	1728	1525
12	3	92.4	15	1208	1815	1738
13	3	92	15	1389	1377	1836
14	3	85.3	15	1590	1151	1148
15	2	69.6	15	1995	-	1454
16	1	57	15	-	-	1465
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5499.018			Yes
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	75.4	19	1935.000	-	1601
2	2	74.7	19	1166.000	-	1070
3	3	84.1	19	1241.000	1883.000	1746
4	2	73.8	19	1816.000	-	1962
5	3	87.5	19	1868.000	1135.000	1401
6	2	70.1	19	1650.000	-	1594
7	3	85.7	19	1998.000	1513.000	1503
8	2	79.5	19	1327.000	-	1699
9	3	92.9	19	1112.000	1731.000	1846
10	1	64.4	19	-	-	1365
11	1	63.3	19	-	-	1904
12	2	70.6	19	1897.000	-	1232
13	1	60.6	19	-	-	1406
14	1	50.6	19	-	-	1683
15	3	86.1	19	1809.000	1468.000	1449
16	1	50.8	19	-	-	1129
17	3	85.8	19	1459.000	1635.000	1233
18	1	51.4	19	-	-	1953
19	1	62	19	-	-	1381
20						

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5497.418			Yes
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	15	-	-	1200
2	1	64.6	15	-	-	1761
3	3	93.1	15	1720	1485	1756
4	3	88.9	15	1269	1880	1097
5	1	59.3	15	-	-	1433
6	3	95.5	15	1694	1313	1602
7	1	63.2	15	-	-	1140
8	3	83.5	15	1748	1912	1278
9	1	54.1	15	-	-	1614
10	2	76.2	15	1005	-	1752
11	2	69.6	15	1560	-	1010
12	2	81.4	15	1041	-	1383
13	3	90.8	15	1372	1788	1207
14	3	83.5	15	1596	1821	1473
15	2	80.4	15	1185	-	1072
16	1	50.8	15	-	-	1538
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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5524.582			Yes
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	60.2	10	-	-	1559
2	3	98.9	10	1584	1570	1069
3	2	68.8	10	1049	-	1599
4	3	99.7	10	1108	1588	1835
5	3	86.1	10	1187	1796	1828
6	2	74.2	10	1843	-	1919
7	1	61.5	10	-	-	1822
8	1	54.2	10	-	-	1878
9	1	61.2	10	-	-	1254
10	1	52.4	10	-	-	1495
11	1	57.7	10	-	-	1509
12	2	79.8	10	1926	-	1026
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5525.382			Yes
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	73.8	8	1479	-	1684
2	1	54.2	8	-	-	1790
3	3	96.7	8	1693	1491	1716
4	1	56.5	8	-	-	1366
5	3	90.5	8	1548	1951	1831
6	2	73.3	8	1805	-	1284
7	1	62.5	8	-	-	1000
8	3	92.4	8	1708	1488	1123
9	2	82.3	8	1456	-	1153
10	3	85.9	8	1175	1176	1016
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Trial Number:			23			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5524.982			Yes
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	74.7	9	1435	-	1549
2	2	78.3	9	1583	-	1329
3	2	74.3	9	1209	-	1737
4	3	86.7	9	1163	1066	1679
5	2	81.5	9	1283	-	1626
6	1	53.2	9	-	-	1432
7	2	73.2	9	1170	-	1528
8	2	83	9	1969	-	1128
9	2	72.6	9	1342	-	1114
10	3	87.1	9	1775	1725	1567
11	2	80.2	9	1474	-	1210
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Trial Number:			24			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5523.782			Yes
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	99.8	12	1037	1288	1628
2	2	75.9	12	1059	-	1640
3	1	52	12	-	-	1609
4	2	67	12	1876	-	2000
5	1	51.8	12	-	-	1038
6	2	75.9	12	1992	-	1447
7	2	82.8	12	1849	-	1689
8	1	53.1	12	-	-	1157
9	3	88.9	12	1319	1803	1908
10	2	77.6	12	1150	-	1192
11	1	56.8	12	-	-	1911
12	3	87.7	12	1657	1332	1562
13	3	83.4	12	1462	1972	1145
14	1	59.6	12	-	-	1517
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5523.782			Yes
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	100	12	1536	1806	1291
2	2	79.5	12	1938	-	1514
3	1	63	12	-	-	1526
4	3	90.9	12	1633	1201	1169
5	2	67.4	12	1696	-	1648
6	2	70.9	12	1460	-	1117
7	3	88.1	12	1889	1268	1687
8	2	68.5	12	1124	-	1910
9	2	74.4	12	1436	-	1810
10	2	74.2	12	1252	-	1068
11	3	90.5	12	1674	1840	1842
12	2	75.3	12	1352	-	1676
13	3	99.5	12	1302	1888	1340
14	3	92.8	12	1673	1323	1939
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5523.782			Yes
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	58.2	12	-	-	1983
2	2	81	12	1931	-	1713
3	2	78.3	12	1096	-	1767
4	2	79.9	12	1043	-	1967
5	2	70.6	12	1314	-	1015
6	3	99.6	12	1645	1927	1194
7	2	74.1	12	1666	-	1956
8	2	78.4	12	1795	-	1380
9	3	94.7	12	1644	1417	1155
10	3	89.6	12	1290	1271	1739
11	3	88.6	12	1438	1490	1929
12	3	97.5	12	1700	1471	1376
13	2	79.7	12	1177	-	1416
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			27			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5526.582			Yes
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	89.3	5	1607	1349	1593
2	3	93.5	5	1555	1115	1914
3	1	58.3	5	-	-	1631
4	2	67.8	5	1537	-	1022
5	3	90.6	5	1311	1091	1136
6	3	90.9	5	1172	1393	1193
7	2	77.1	5	1084	-	1863
8	2	81.6	5	1146	-	1546
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Trial Number:			28			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5525.782			Yes
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	73.7	7	1623	-	1450
2	1	60.1	7	-	-	1046
3	3	92.1	7	1228	1379	1126
4	1	55.1	7	-	-	1572
5	1	66.2	7	-	-	1255
6	3	92.2	7	1569	1826	1747
7	2	81.3	7	1466	-	1384
8	1	51.5	7	-	-	1385
9	2	77.9	7	1368	-	1055
10	2	76.5	7	1519	-	1029
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			29			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5521.382			Yes
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	76.5	18	1921	-	1202
2	2	76.4	18	1721	-	1085
3	3	90.1	18	1215	1448	1280
4	3	95	18	1577	1664	1980
5	1	57.8	18	-	-	1934
6	3	99.3	18	1463	1274	1180
7	2	77	18	1832	-	1576
8	2	67.1	18	1656	-	1075
9	3	83.9	18	1371	1655	1774
10	3	85.6	18	1464	1297	1855
11	2	71.5	18	1571	-	1691
12	3	84.9	18	1902	1730	1997
13	2	73.5	18	1662	-	1500
14	1	52.2	18	-	-	1982
15	2	70	18	1134	-	1589
16	3	91.3	18	1794	1729	1839
17	3	98.8	18	1218	1374	1322
18	2	75.1	18	1248	-	1173
19						
20						

Trial Number:			30			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5524.582			Yes
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	66	10	-	-	1520
2	1	56.3	10	-	-	1619
3	3	99.9	10	1512	1952	1932
4	3	84.5	10	1851	1827	1344
5	2	72.4	10	1508	-	1324
6	1	61.1	10	-	-	1961
7	3	84.5	10	1829	1296	1804
8	2	70.8	10	1214	-	1020
9	3	86.2	10	1042	1497	1080
10	2	74.7	10	1945	-	1812
11	1	54.4	10	-	-	1325
12	1	57.4	10	-	-	1356
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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	1	1930.50	518	Y
2	3	1792.11	558	Y
3	13	1319.26	758	Y
4	7	1567.40	638	Y
5	9	1474.93	678	Y
6	22	1066.10	938	Y
7	10	1432.66	698	Y
8	21	1089.32	918	Y
9	8	1519.76	658	Y
10	15	1253.13	798	Y
11	2	1858.74	538	Y
12	5	1672.24	598	Y
13	4	1730.10	578	Y
14	14	1285.35	778	Y
15	11	1392.76	718	Y
16		558.97	1789	Y
17		1172.33	853	Y
18		1050.42	952	Y
19		1177.86	849	Y
20		1597.44	626	Y
21		348.68	2868	Y
22		381.53	2621	Y
23		407.17	2456	Y
24		1173.71	852	Y
25		328.30	3046	Y
26		465.98	2146	Y
27		629.72	1588	Y
28		1140.25	877	Y
29		589.62	1696	Y
30		749.06	1335	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	29	4.80	168	Y
2	29	5.00	217	Y
3	26	3.30	166	Y
4	26	2.80	182	Y
5	26	3.10	224	Y
6	25	2.50	223	Y
7	27	3.30	228	Y
8	29	4.80	192	Y
9	23	1.20	218	Y
10	25	2.50	190	Y
11	29	4.80	162	Y
12	27	3.70	181	Y
13	23	1.10	174	Y
14	24	1.80	216	Y
15	27	3.90	195	Y
16	27	3.70	198	Y
17	29	4.70	165	Y
18	27	3.80	230	Y
19	29	4.60	188	Y
20	27	3.50	226	Y
21	25	2.50	200	Y
22	24	1.80	206	Y
23	25	2.10	183	Y
24	26	3.00	153	Y
25	26	2.90	176	Y
26	26	2.80	211	Y
27	23	1.00	210	Y
28	24	1.70	186	Y
29	28	4.40	159	Y
30	25	2.30	178	Y

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	18	9.80	400	Y
2	18	10.00	434	Y
3	17	8.30	495	Y
4	17	7.80	341	Y
5	17	8.10	456	Y
6	17	7.50	233	Y
7	17	8.30	441	Y
8	18	9.80	265	Y
9	16	6.20	487	Y
10	17	7.50	202	Y
11	18	9.80	290	Y
12	17	8.70	296	N
13	16	6.10	486	Y
14	16	6.80	282	Y
15	18	8.90	242	Y
16	18	8.70	418	N
17	18	9.70	464	Y
18	18	8.80	353	Y
19	18	9.60	429	Y
20	17	8.50	444	Y
21	17	7.50	327	Y
22	16	6.80	459	Y
23	16	7.10	436	Y
24	17	8.00	479	Y
25	17	7.90	236	Y
26	17	7.80	463	Y
27	16	6.00	232	Y
28	16	6.70	377	Y
29	18	9.40	448	Y
30	16	7.30	379	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	16	19.50	400	Y
2	16	19.90	434	Y
3	14	16.10	495	Y
4	14	15.00	341	Y
5	14	15.70	456	Y
6	13	14.30	233	Y
7	14	16.20	441	Y
8	16	19.50	265	Y
9	12	11.50	487	Y
10	13	14.40	202	Y
11	16	19.50	290	Y
12	15	17.00	296	Y
13	12	11.30	486	Y
14	13	12.90	282	Y
15	15	17.40	242	Y
16	15	17.10	418	Y
17	16	19.30	464	N
18	15	17.20	353	Y
19	16	19.00	429	Y
20	15	16.60	444	N
21	13	14.30	327	Y
22	12	12.80	459	N
23	13	13.60	436	Y
24	14	15.50	479	N
25	14	15.40	236	Y
26	14	15.10	463	Y
27	12	11.10	232	Y
28	12	12.50	377	Y
29	16	18.60	448	Y
30	13	13.80	379	Y

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5530			Yes
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	97.3	20	1142	1259	1690
2	3	99.3	20	1686	1531	1137
3	2	78.2	20	1879	-	1757
4	2	72.2	20	1692	-	1597
5	2	76.1	20	1240	-	1784
6	2	68.5	20	1654	-	1886
7	2	78.9	20	1486	-	1510
8	3	97	20	1894	1403	1198
9	1	53	20	-	-	1081
10	2	68.8	20	1791	-	1216
11	3	97.2	20	1680	1109	1171
12	2	83.3	20	1807	-	1530
13	1	52.1	20	-	-	1357
14	1	60.5	20	-	-	1386
15	3	85.6	20	1382	1489	1423
16	3	84	20	1437	1304	1285
17	3	95.8	20	1225	1653	1990
18	3	84.2	20	1399	1067	1711
19	3	94.5	20	1057	1265	1890
20	2	81.3	20	1727	-	1629

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5530			Yes
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	68.3	20	1717	-	1222
2	1	59.9	20	-	-	1917
3	1	64.6	20	-	-	1451
4	2	75	20	1013	-	1944
5	2	74.3	20	1848	-	1355
6	2	73.1	20	1901	-	1402
7	1	50.7	20	-	-	1973
8	1	58.5	20	-	-	1581
9	3	91.9	20	1156	1726	1281
10	1	65.9	20	-	-	1400
11	1	60.9	20	-	-	1493
12	2	70.1	20	1310	-	1427
13	1	50.9	20	-	-	1295
14	3	93.2	20	1702	1350	1957
15	1	60	20	-	-	1522
16	2	73	20	1547	-	1261
17	2	77.2	20	1004	-	1183
18	2	70.8	20	1328	-	1267
19	1	52.5	20	-	-	1987
20	1	64.8	20	-	-	1159

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

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5530			Yes
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	98.8	14	1637	1561	1051
2	1	66.3	14	-	-	1343
3	3	84.3	14	1937	1734	1695
4	3	96.6	14	1387	1035	1622
5	2	69.9	14	1270	-	1658
6	3	97.2	14	1625	1808	1646
7	2	80	14	1669	-	1928
8	2	75.2	14	1885	-	1397
9	3	92.7	14	1772	1367	1587
10	2	82.9	14	1190	-	1395
11	3	89.3	14	1604	1834	1083
12	2	71.4	14	1916	-	1074
13	2	79.3	14	1783	-	1814
14	2	76	14	1636	-	1850
15	1	66	14	-	-	1707
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17						
18						
19						
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5530			Yes
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	87.3	12	1943	1161	1811
2	3	84.7	12	1947	1505	1920
3	1	53.2	12	-	-	1870
4	3	97.9	12	1630	1331	1924
5	1	52.9	12	-	-	1600
6	2	67.7	12	1457	-	1184
7	2	70.3	12	1867	-	1719
8	1	55.1	12	-	-	1039
9	3	87.2	12	1553	2000	1978
10	1	57.9	12	-	-	1337
11	2	77.1	12	1036	-	1792
12	2	82.4	12	1963	-	1111
13	1	58.9	12	-	-	1744
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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:			14			
Chirp Center Frequency:			5530			Yes
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	50.4	13	-	-	1458
2	1	62.5	13	-	-	1116
3	1	56.7	13	-	-	1981
4	2	75	13	1292	-	1960
5	2	81.6	13	1841	-	1964
6	2	79.6	13	1426	-	1014
7	2	82.5	13	1857	-	1507
8	1	52	13	-	-	1675
9	2	75.7	13	1575	-	1892
10	2	68	13	1455	-	1475
11	1	55	13	-	-	1273
12	2	77.2	13	1143	-	1234
13	3	93.2	13	1064	1781	1610
14	2	75.5	13	1660	-	1062
15						
16						
17						
18						
19						
20						

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5530			Yes
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	65.8	10	-	-	1407
2	1	59	10	-	-	1813
3	2	76.7	10	1404	-	1611
4	3	89.5	10	1959	1203	1378
5	3	90.8	10	1754	1196	1047
6	2	74.9	10	1891	-	1925
7	2	77.2	10	1418	-	1345
8	2	72.7	10	1293	-	1443
9	3	88.4	10	1556	1663	1360
10	2	74	10	1864	-	1678
11	2	72.9	10	1130	-	1765
12	3	99.7	10	1101	1305	1071
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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:			15			
Chirp Center Frequency:			5530			Yes
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	97.1	14	1898	1887	1453
2	2	78.4	14	1028	-	1557
3	1	61.2	14	-	-	1612
4	3	97.1	14	1353	1900	1301
5	3	88.6	14	1845	1823	1472
6	3	92.8	14	1785	1487	1532
7	1	64.8	14	-	-	1649
8	2	71	14	1773	-	1167
9	2	74.7	14	1627	-	1421
10	2	80.2	14	1999	-	1104
11	2	76.1	14	1749	-	1388
12	1	64.3	14	-	-	1320
13	3	89.8	14	1139	1199	1615
14	3	99.7	14	1027	1154	1745
15	3	93.5	14	1317	1586	1334
16						
17						
18						
19						
20						

Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5530			Yes
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	20	-	-	1833
2	1	61.6	20	-	-	1245
3	2	66.7	20	1539	-	1260
4	3	98.2	20	1585	1554	1820
5	2	70.6	20	1789	-	1787
6	1	59.8	20	-	-	1936
7	3	92.3	20	1032	1524	1534
8	1	54.4	20	-	-	1034
9	3	96.1	20	1338	1545	1895
10	1	60.5	20	-	-	1941
11	2	68.5	20	1012	-	1076
12	3	86.3	20	1899	1121	1452
13	1	57.4	20	-	-	1009
14	2	81.7	20	1264	-	1333
15	2	77.7	20	1063	-	1736
16	2	74.2	20	1414	-	1336
17	2	82.7	20	1769	-	1341
18	1	52	20	-	-	1179
19	2	82	20	1164	-	1533
20	2	82.6	20	1119	-	1768

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

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5530			Yes
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	54.1	5	-	-	1168
2	3	90.8	5	1758	1373	1966
3	2	78.6	5	1677	-	1523
4	2	79.4	5	1541	-	1501
5	1	62.2	5	-	-	1306
6	1	62.4	5	-	-	1780
7	2	72.1	5	1174	-	1138
8	1	50.7	5	-	-	1989
9						
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5530			Yes
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	85.6	11	1776	1979	1798
2	2	82.9	11	1006	-	1853
3	1	62.3	11	-	-	1620
4	3	99.8	11	1362	1779	1634
5	3	91.2	11	1955	1506	1968
6	2	81.5	11	1743	-	1213
7	1	63.2	11	-	-	1312
8	1	61.1	11	-	-	1564
9	2	71.6	11	1563	-	1048
10	2	75.9	11	1258	-	1884
11	1	52.3	11	-	-	1799
12	3	89.8	11	1476	1582	1621
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DFS Radar Parameters
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Channel 60 Bandwidth 20MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5499.013			No
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	54.7	20	-	-	1762
2	2	73.9	20	1415	-	1667
3	1	65.1	20	-	-	1346
4	3	86.6	20	1315	1580	1106
5	2	70.1	20	1425	-	1764
6	1	56.4	20	-	-	1542
7	1	57.3	20	-	-	1975
8	3	89.3	20	1033	1480	1238
9	3	97.1	20	1786	1643	1056
10	1	56	20	-	-	1875
11	3	93.4	20	1818	1718	1638
12	1	62.3	20	-	-	1566
13	1	57.8	20	-	-	1206
14	2	67	20	1793	-	1220
15	3	89.4	20	1107	1854	1732
16	2	73.2	20	1237	-	1250
17	2	83.1	20	1712	-	1286
18	3	87.3	20	1442	1958	1903
19	3	85.9	20	1515	1499	1723
20	1	58.2	20	-	-	1025

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5497.013			Yes
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	87.8	87.8	1239	1574	1461
2	3	91.5	91.5	1496	1361	1219
3	2	68.9	68.9	1181	-	1131
4	1	63.2	63.2	-	-	1483
5	3	98.2	98.2	1021	1197	1431
6	2	68.8	68.8	1053	-	1913
7	3	95.2	95.2	1817	1671	1909
8	2	76	76	1608	-	1211
9	2	68.5	68.5	1162	-	1358
10	1	66.6	66.6	-	-	1484
11	1	52.5	52.5	-	-	1639
12	1	56.8	56.8	-	-	1592
13	3	99.7	99.7	1212	1078	1753
14	3	92.3	92.3	1825	1023	1396
15	2	77.8	77.8	1422	-	1125
16	2	80.2	80.2	1871	-	1092
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DFS Radar Parameters
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Channel 60 Bandwidth 20MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5493.013			Yes
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	75.7	5	1446	-	1544
2	3	92	5	1089	1830	1118
3	1	59.2	5	-	-	1363
4	1	55.8	5	-	-	1866
5	1	55	5	-	-	1470
6	2	82.9	5	1494	-	1469
7	1	53.7	5	-	-	1844
8	2	79.6	5	1647	-	1481
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5494.213			Yes
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	89.6	8	1770	1504	1093
2	1	50	8	-	-	1802
3	3	91.9	8	1339	1439	1045
4	2	74.1	8	1348	-	1266
5	3	92.2	8	1347	1242	1307
6	3	90.1	8	1801	1996	1110
7	2	78.1	8	1188	-	1882
8	3	84.3	8	1948	1419	1189
9	3	90	8	1543	1665	1390
10	3	94.1	8	1087	1915	1858
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5497.413			Yes
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	52	16	-	-	1616
2	1	63.3	16	-	-	1289
3	1	55	16	-	-	1632
4	1	51.9	16	-	-	1420
5	3	88.5	16	1204	1294	1277
6	1	51.3	16	-	-	1624
7	1	61.3	16	-	-	1099
8	2	81.4	16	1598	-	1591
9	2	70.8	16	1856	-	1568
10	2	80.5	16	1244	-	1516
11	1	53.5	16	-	-	1946
12	3	86.5	16	1551	1316	1236
13	1	62.6	16	-	-	1492
14	1	65.6	16	-	-	1733
15	3	89.2	16	1147	1797	1977
16	1	59.1	16	-	-	1132
17	3	97.5	16	1223	1697	1565
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5497.013			Yes
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	91.1	15	1950	1819	1019
2	2	78.1	15	1688	-	1498
3	2	80.1	15	1429	-	1369
4	1	53.1	15	-	-	1191
5	1	54.9	15	-	-	1079
6	3	87.7	15	1031	1394	1160
7	3	89.3	15	1144	1467	1256
8	2	73.6	15	1869	-	1859
9	3	98.1	15	1007	1681	1704
10	2	76.9	15	1424	-	1158
11	2	71	15	1330	-	1405
12	3	83.9	15	1364	1205	1685
13	2	78.4	15	1709	-	1482
14	3	88.5	15	1445	1441	1359
15	2	68.2	15	1942	-	1877
16	2	66.9	15	1865	-	1750
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5498.613			No
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	55.5	19	-	-	1001
2	3	90.2	19	1054	1703	1478
3	1	64.5	19	-	-	1991
4	2	75.1	19	1262	-	1782
5	2	73.7	19	1595	-	1249
6	1	53.5	19	-	-	1605
7	1	57.9	19	-	-	1412
8	3	94.5	19	1985	1755	1221
9	2	73.7	19	1391	-	1970
10	1	62	19	-	-	1893
11	2	73.3	19	1231	-	1710
12	2	76	19	1008	-	1229
13	1	53	19	-	-	1257
14	3	87.5	19	1558	1705	1760
15	2	76.3	19	1922	-	1095
16	3	85	19	1428	1318	1024
17	2	83	19	1741	-	1933
18	3	92.6	19	1529	1714	1105
19	3	87.1	19	1573	1098	1988
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5497.013			Yes
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	56.2	15	-	-	1617
2	1	59.8	15	-	-	1940
3	3	91	15	1907	1040	1740
4	3	97.2	15	1152	1127	1742
5	2	75.7	15	1618	-	1408
6	1	65.7	15	-	-	1120
7	2	78.3	15	1299	-	1535
8	3	90.4	15	1410	1235	1860
9	2	74.5	15	1923	-	1246
10	3	90.3	15	1321	1698	1578
11	3	97.6	15	1149	1728	1525
12	3	92.4	15	1208	1815	1738
13	3	92	15	1389	1377	1836
14	3	85.3	15	1590	1151	1148
15	2	69.6	15	1995	-	1454
16	1	57	15	-	-	1465
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DFS Radar Parameters
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5498.613			No
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	75.4	19	1935.000	-	1601
2	2	74.7	19	1166.000	-	1070
3	3	84.1	19	1241.000	1883.000	1746
4	2	73.8	19	1816.000	-	1962
5	3	87.5	19	1868.000	1135.000	1401
6	2	70.1	19	1650.000	-	1594
7	3	85.7	19	1998.000	1513.000	1503
8	2	79.5	19	1327.000	-	1699
9	3	92.9	19	1112.000	1731.000	1846
10	1	64.4	19	-	-	1365
11	1	63.3	19	-	-	1904
12	2	70.6	19	1897.000	-	1232
13	1	60.6	19	-	-	1406
14	1	50.6	19	-	-	1683
15	3	86.1	19	1809.000	1468.000	1449
16	1	50.8	19	-	-	1129
17	3	85.8	19	1459.000	1635.000	1233
18	1	51.4	19	-	-	1953
19	1	62	19	-	-	1381
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5497.013			Yes
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	15	-	-	1200
2	1	64.6	15	-	-	1761
3	3	93.1	15	1720	1485	1756
4	3	88.9	15	1269	1880	1097
5	1	59.3	15	-	-	1433
6	3	95.5	15	1694	1313	1602
7	1	63.2	15	-	-	1140
8	3	83.5	15	1748	1912	1278
9	1	54.1	15	-	-	1614
10	2	76.2	15	1005	-	1752
11	2	69.6	15	1560	-	1010
12	2	81.4	15	1041	-	1383
13	3	90.8	15	1372	1788	1207
14	3	83.5	15	1596	1821	1473
15	2	80.4	15	1185	-	1072
16	1	50.8	15	-	-	1538
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DFS Radar Parameters
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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5564.987			Yes
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	60.2	10	-	-	1559
2	3	98.9	10	1584	1570	1069
3	2	68.8	10	1049	-	1599
4	3	99.7	10	1108	1588	1835
5	3	86.1	10	1187	1796	1828
6	2	74.2	10	1843	-	1919
7	1	61.5	10	-	-	1822
8	1	54.2	10	-	-	1878
9	1	61.2	10	-	-	1254
10	1	52.4	10	-	-	1495
11	1	57.7	10	-	-	1509
12	2	79.8	10	1926	-	1026
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5565.787			Yes
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	73.8	8	1479	-	1684
2	1	54.2	8	-	-	1790
3	3	96.7	8	1693	1491	1716
4	1	56.5	8	-	-	1366
5	3	90.5	8	1548	1951	1831
6	2	73.3	8	1805	-	1284
7	1	62.5	8	-	-	1000
8	3	92.4	8	1708	1488	1123
9	2	82.3	8	1456	-	1153
10	3	85.9	8	1175	1176	1016
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DFS Radar Parameters
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5565.387			Yes
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	74.7	9	1435	-	1549
2	2	78.3	9	1583	-	1329
3	2	74.3	9	1209	-	1737
4	3	86.7	9	1163	1066	1679
5	2	81.5	9	1283	-	1626
6	1	53.2	9	-	-	1432
7	2	73.2	9	1170	-	1528
8	2	83	9	1969	-	1128
9	2	72.6	9	1342	-	1114
10	3	87.1	9	1775	1725	1567
11	2	80.2	9	1474	-	1210
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5564.187			Yes
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	99.8	12	1037	1288	1628
2	2	75.9	12	1059	-	1640
3	1	52	12	-	-	1609
4	2	67	12	1876	-	2000
5	1	51.8	12	-	-	1038
6	2	75.9	12	1992	-	1447
7	2	82.8	12	1849	-	1689
8	1	53.1	12	-	-	1157
9	3	88.9	12	1319	1803	1908
10	2	77.6	12	1150	-	1192
11	1	56.8	12	-	-	1911
12	3	87.7	12	1657	1332	1562
13	3	83.4	12	1462	1972	1145
14	1	59.6	12	-	-	1517
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DFS Radar Parameters
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5564.187			Yes
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	100	12	1536	1806	1291
2	2	79.5	12	1938	-	1514
3	1	63	12	-	-	1526
4	3	90.9	12	1633	1201	1169
5	2	67.4	12	1696	-	1648
6	2	70.9	12	1460	-	1117
7	3	88.1	12	1889	1268	1687
8	2	68.5	12	1124	-	1910
9	2	74.4	12	1436	-	1810
10	2	74.2	12	1252	-	1068
11	3	90.5	12	1674	1840	1842
12	2	75.3	12	1352	-	1676
13	3	99.5	12	1302	1888	1340
14	3	92.8	12	1673	1323	1939
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5564.187			Yes
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	58.2	12	-	-	1983
2	2	81	12	1931	-	1713
3	2	78.3	12	1096	-	1767
4	2	79.9	12	1043	-	1967
5	2	70.6	12	1314	-	1015
6	3	99.6	12	1645	1927	1194
7	2	74.1	12	1666	-	1956
8	2	78.4	12	1795	-	1380
9	3	94.7	12	1644	1417	1155
10	3	89.6	12	1290	1271	1739
11	3	88.6	12	1438	1490	1929
12	3	97.5	12	1700	1471	1376
13	2	79.7	12	1177	-	1416
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5566.987			Yes
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	89.3	5	1607	1349	1593
2	3	93.5	5	1555	1115	1914
3	1	58.3	5	-	-	1631
4	2	67.8	5	1537	-	1022
5	3	90.6	5	1311	1091	1136
6	3	90.9	5	1172	1393	1193
7	2	77.1	5	1084	-	1863
8	2	81.6	5	1146	-	1546
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5566.187			Yes
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	73.7	7	1623	-	1450
2	1	60.1	7	-	-	1046
3	3	92.1	7	1228	1379	1126
4	1	55.1	7	-	-	1572
5	1	66.2	7	-	-	1255
6	3	92.2	7	1569	1826	1747
7	2	81.3	7	1466	-	1384
8	1	51.5	7	-	-	1385
9	2	77.9	7	1368	-	1055
10	2	76.5	7	1519	-	1029
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DFS Radar Parameters
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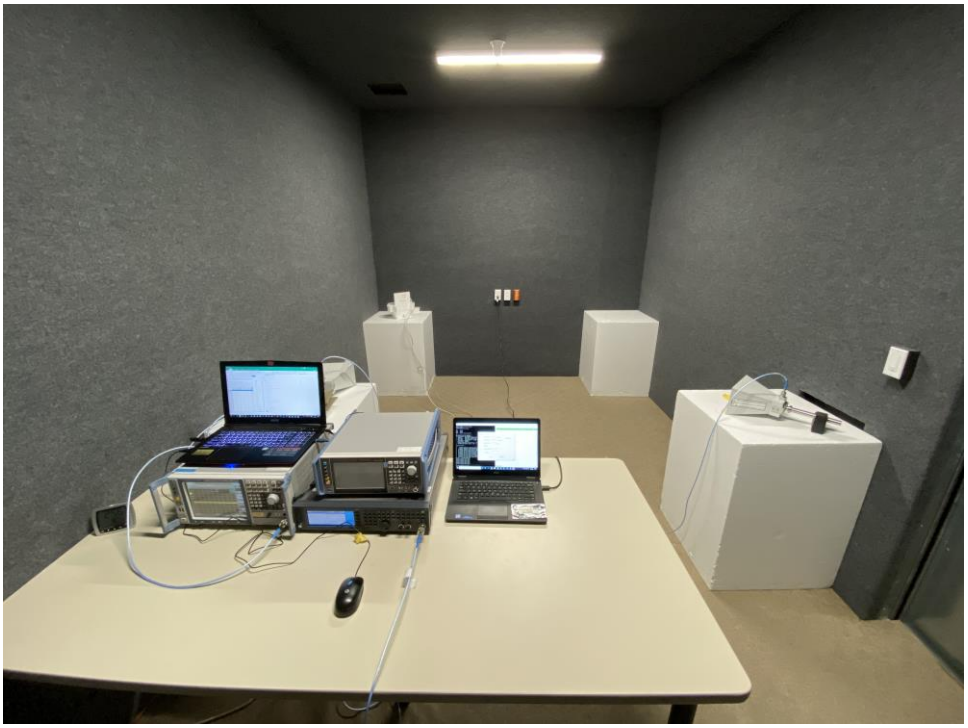
Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5561.787			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76.5	18	1921	-	1202
2	2	76.4	18	1721	-	1085
3	3	90.1	18	1215	1448	1280
4	3	95	18	1577	1664	1980
5	1	57.8	18	-	-	1934
6	3	99.3	18	1463	1274	1180
7	2	77	18	1832	-	1576
8	2	67.1	18	1656	-	1075
9	3	83.9	18	1371	1655	1774
10	3	85.6	18	1464	1297	1855
11	2	71.5	18	1571	-	1691
12	3	84.9	18	1902	1730	1997
13	2	73.5	18	1662	-	1500
14	1	52.2	18	-	-	1982
15	2	70	18	1134	-	1589
16	3	91.3	18	1794	1729	1839
17	3	98.8	18	1218	1374	1322
18	2	75.1	18	1248	-	1173
19						
20						

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5564.987			Yes
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	66	10	-	-	1520
2	1	56.3	10	-	-	1619
3	3	99.9	10	1512	1952	1932
4	3	84.5	10	1851	1827	1344
5	2	72.4	10	1508	-	1324
6	1	61.1	10	-	-	1961
7	3	84.5	10	1829	1296	1804
8	2	70.8	10	1214	-	1020
9	3	86.2	10	1042	1497	1080
10	2	74.7	10	1945	-	1812
11	1	54.4	10	-	-	1325
12	1	57.4	10	-	-	1356
13						
14						
15						
16						
17						
18						
19						
20						

Appendix B. Setup Photographs

Front View



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———THE END———