



FCC DFS TEST REPORT

FCC ID : S9GT750
Equipment : Access point
Brand Name : RUCKUS
Model Name : T750
Applicant : Ruckus Wireless Inc.
350 W. Java Dr., Sunnyvale CA 94089 USA
Manufacturer : Ruckus Wireless Inc.
350 W. Java Dr., Sunnyvale CA 94089 USA
Standard : FCC Part 15 Subpart E

The product was received on Jun. 21, 2019 and testing was started from Oct. 01, 2019 and completed on Nov. 08, 2019. 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 TAF 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

Sporton International (USA) Inc.

1175 Montague Expressway, Milpitas, CA 95035

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History of this test report

Report No.	Version	Description	Issue Date
FZ190621001-01	01	Initial issue of report	Dec. 20, 2019
FZ190621001-01	02	Revised the description of 80+80MHz at Page 59 and 63.	Jan. 02, 2020
FZ190621001-01	03	Add radar parameters at Appendix A.	Jan. 07, 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	-
0	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

Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax, Wi-Fi 5GHz 802.11a/n/ax, and Zigbee.

Product Specification subjective to this standard	
Antenna Type	WLAN: <Ant. 1> Omni Antenna <Ant. 2> Omni Antenna <Ant. 3> Omni Antenna <Ant. 4> Omni Antenna Bluetooth: Omni Antenna Zigbee: Omni Antenna

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 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.	WLAN AP	Cisco	Air-AP3702E-A-K9	LDK102087	N/A	Unshielded, 1.8 m
2.	Notebook	Lenovo	Edge E335	PPD-AR5B95	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 $\geq$ 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
<i>Non-occupancy period</i>	Minimum 30 minutes
<i>Channel Availability Check Time</i>	60 seconds
<i>Channel Move Time</i>	10 seconds See Note 1.
<i>Channel Closing Transmission Time</i>	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
<i>U-NII Detection Bandwidth</i>	Minimum 100% of the 99% power bandwidth See Note 3.
Note 1: <i>Channel Move Time</i> and the <i>Channel Closing Transmission Time</i> should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The <i>Channel Closing Transmission Time</i> is comprised of 200 milliseconds starting at the beginning of the <i>Channel Move Time</i> plus any additional intermittent control signals required to facilitate <i>Channel</i> 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 <i>U-NII Detection Bandwidth</i> 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	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

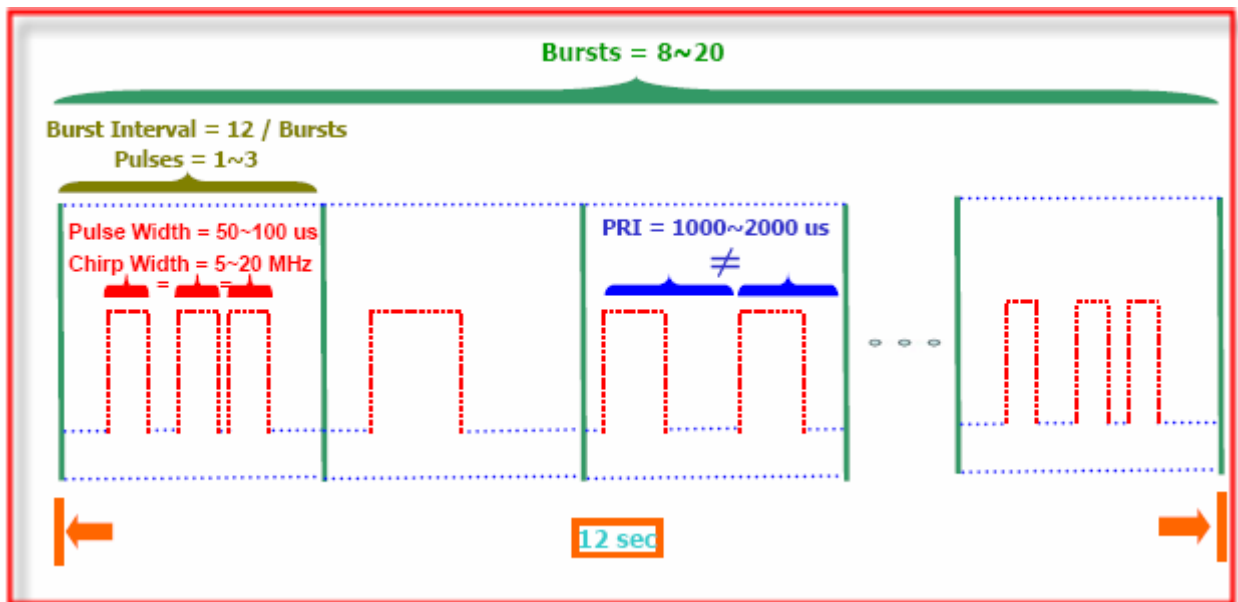
The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse radar test signal. If more than 30 waveforms are used for the Long Pulse radar test signal, then each additional waveform must also be unique and not repeated from the previous waveforms. Each 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) 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 $(12,000,000 / \text{Burst_Count})$ microseconds. Each interval contains one Burst. The start time for the Burst, relative to the beginning of the interval, is between 1 and $[(12,000,000 / \text{Burst_Count}) - (\text{Total Burst Length}) + (\text{One Random PRI Interval})]$ microseconds, with the start time being randomly chosen. The step interval for the start time is 1 microsecond. The start time for each Burst is chosen 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).

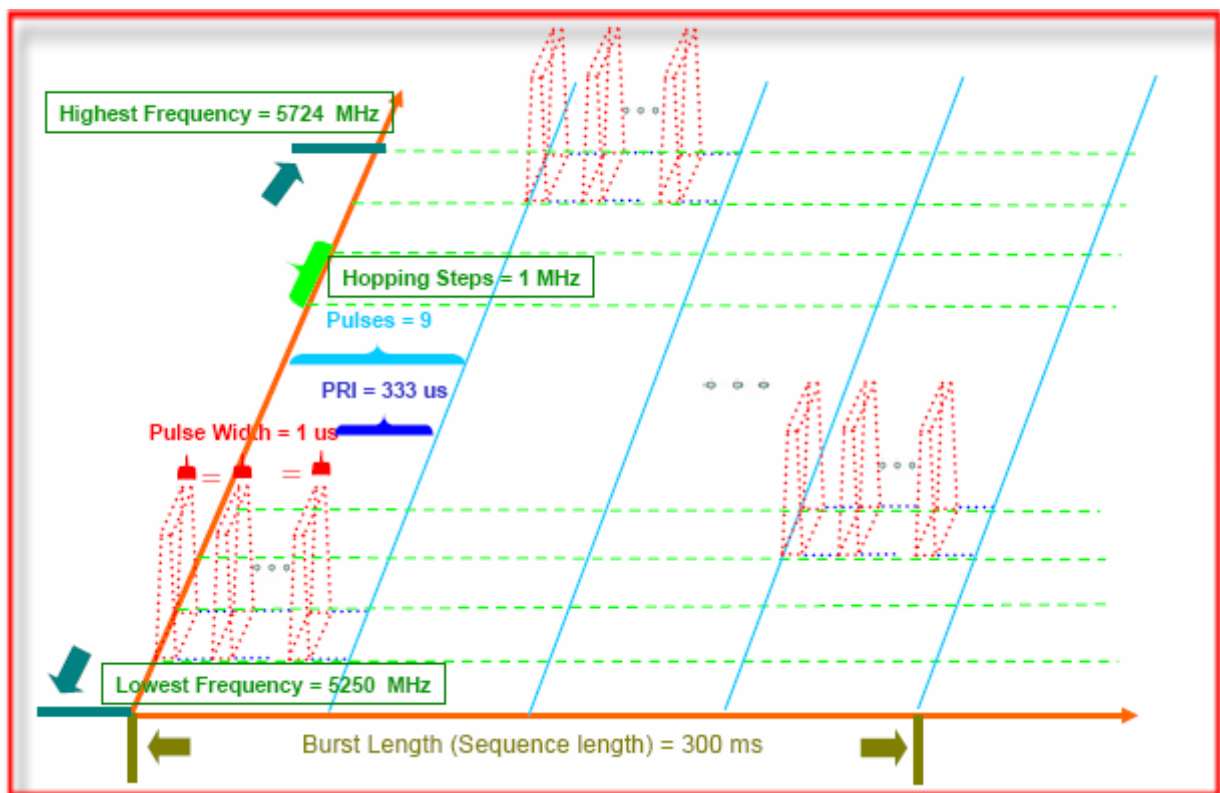


2.7 Frequency Hopping Radar Test Waveform

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.



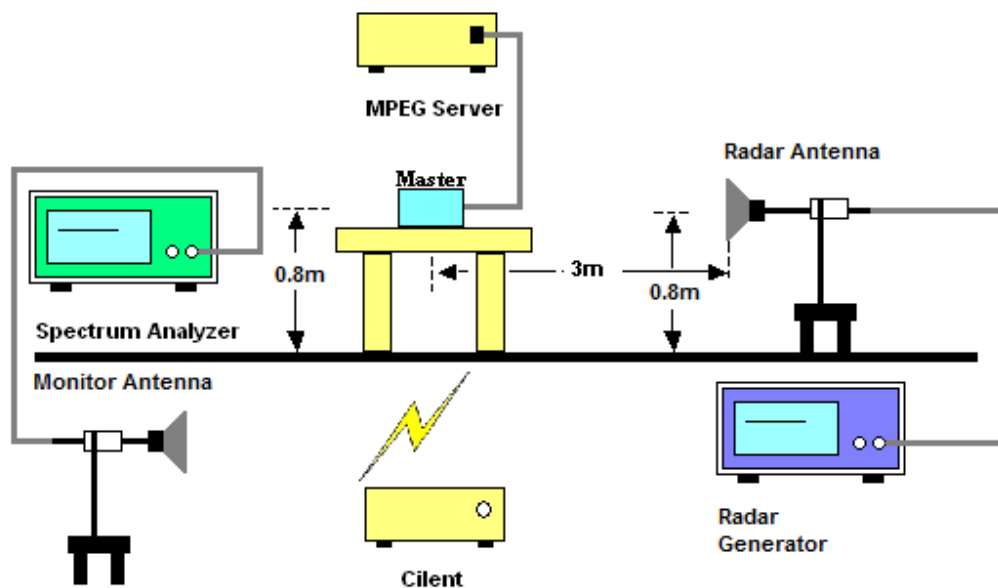
3 Calibration Setup and DFS Test Results

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



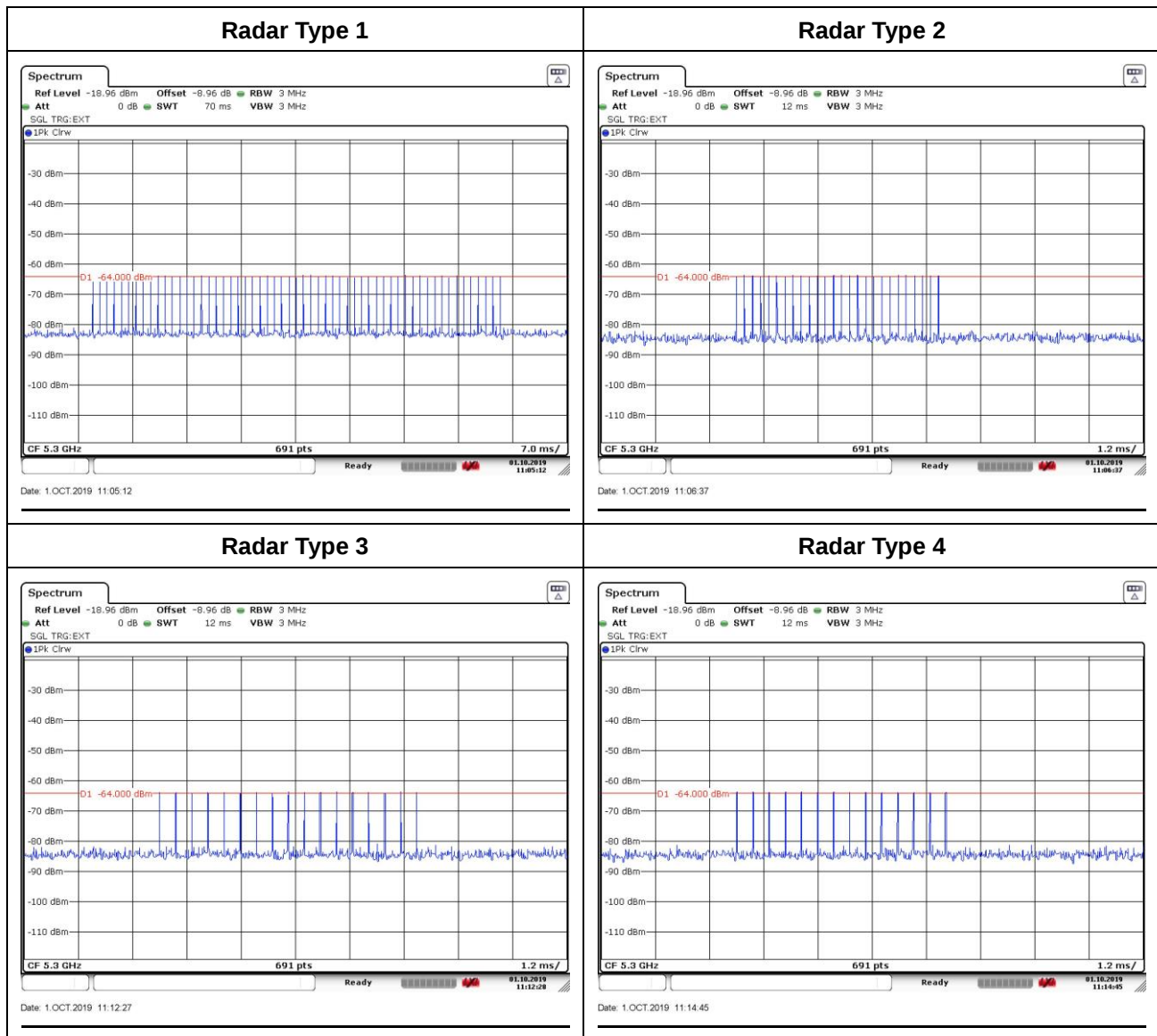
3.1.3 Calibration Deviation

There is no deviation with the original standard.



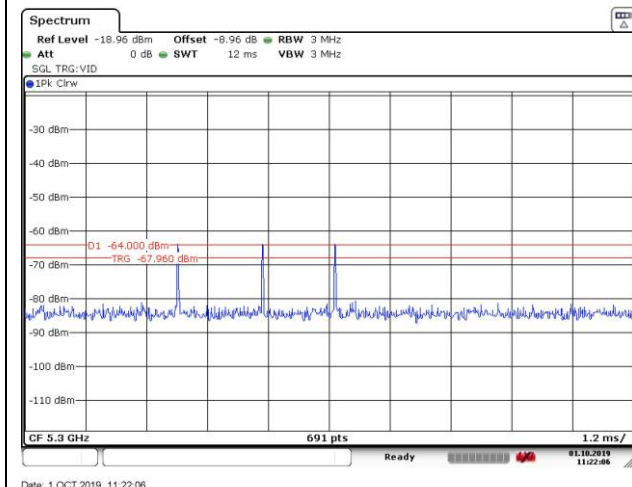
3.1.4 Radar Waveform Calibration Result

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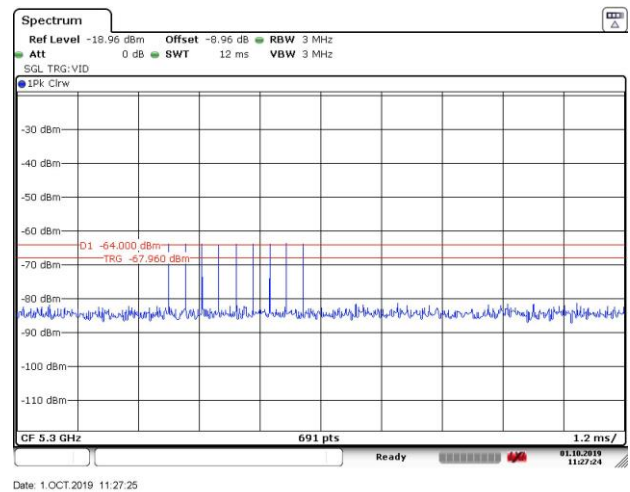




Single Burst of Radar Type 5



Single Burst of Radar Type 6

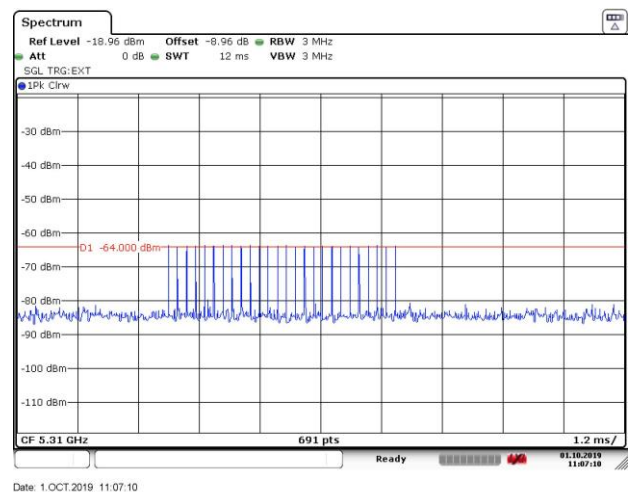


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Radar Type 1

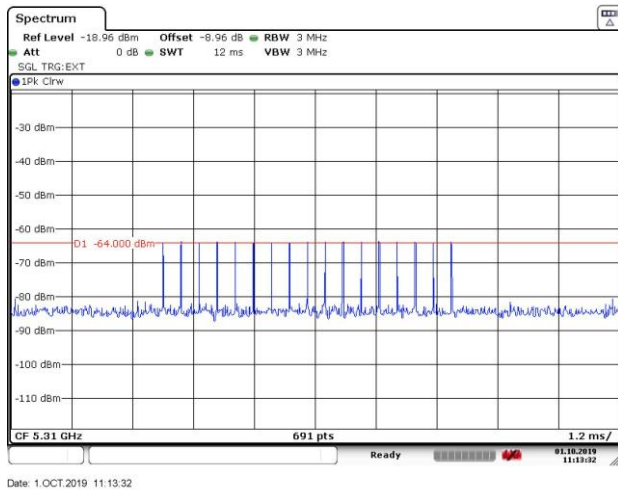


Radar Type 2

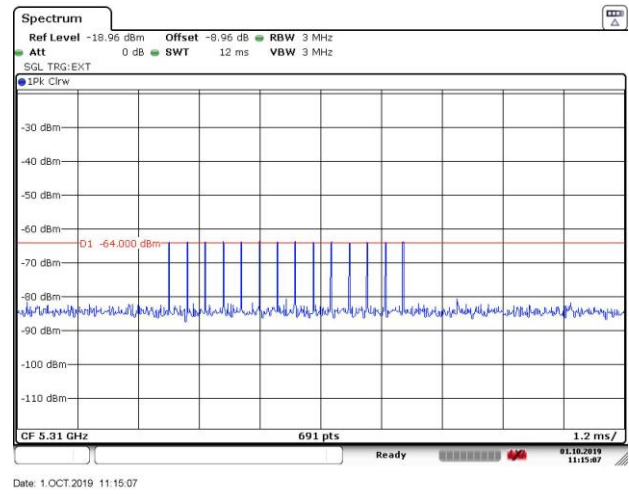




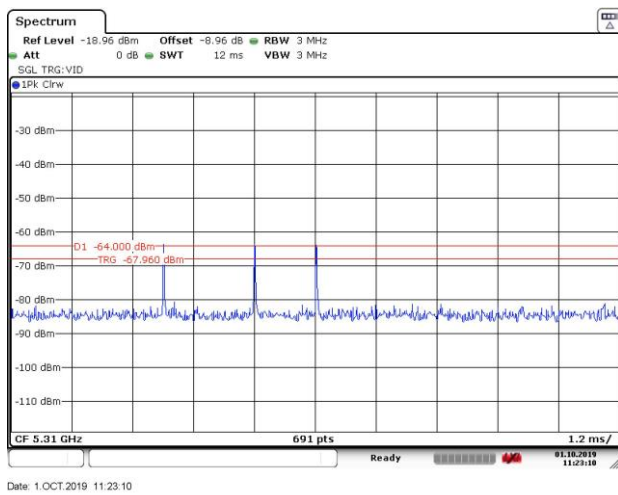
Radar Type 3



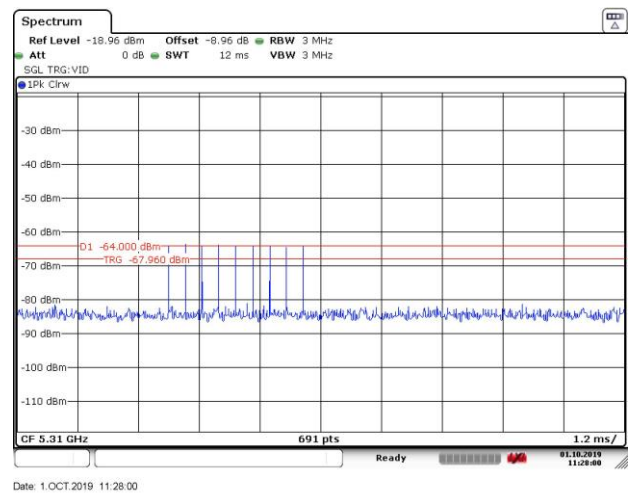
Radar Type 4



Single Burst of Radar Type 5



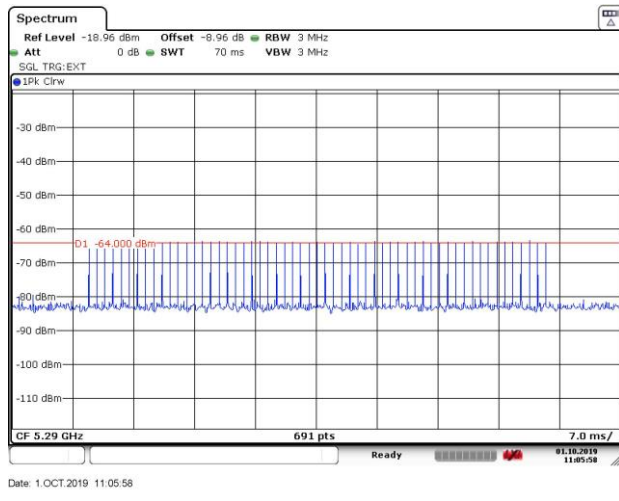
Single Burst of Radar Type 6



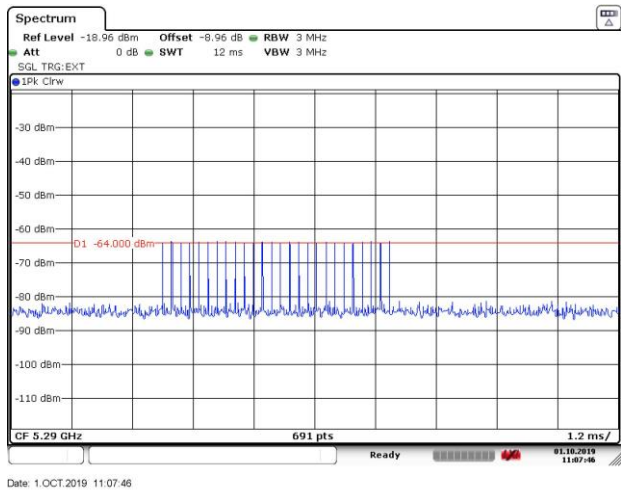


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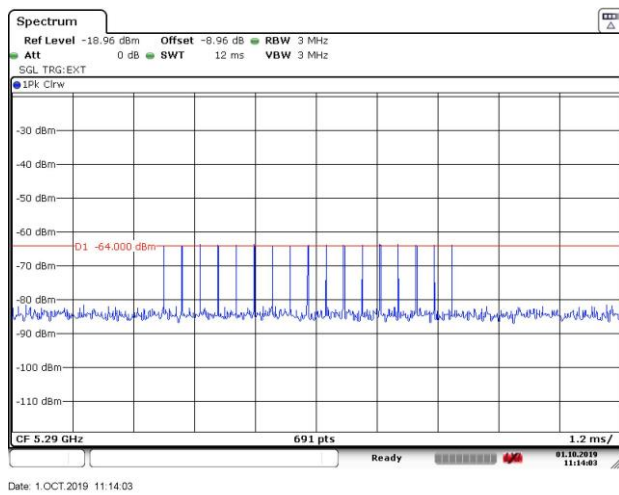
Radar Type 1



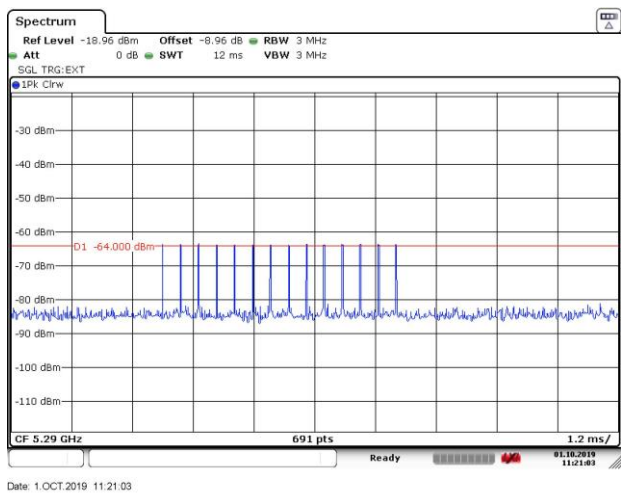
Radar Type 2



Radar Type 3

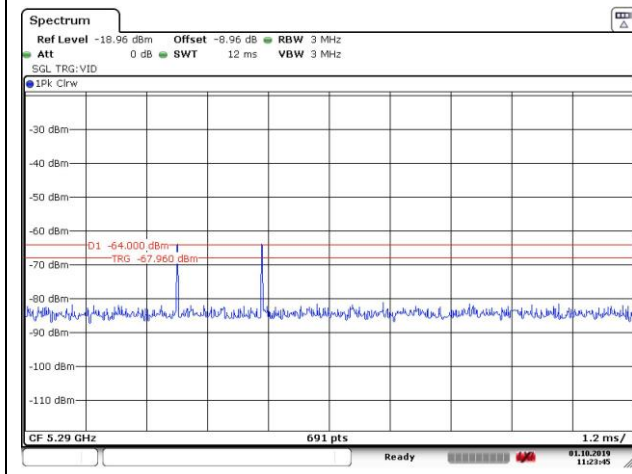


Radar Type 4

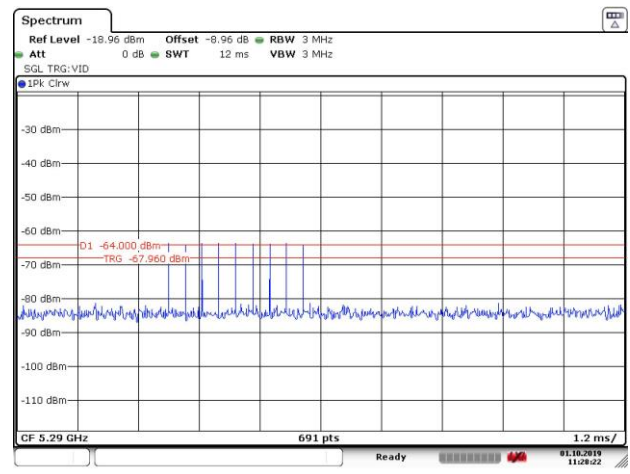




Single Burst of Radar Type 5

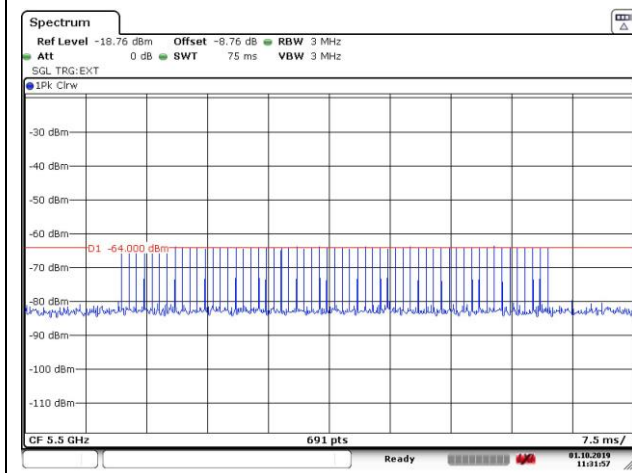


Single Burst of Radar Type 6

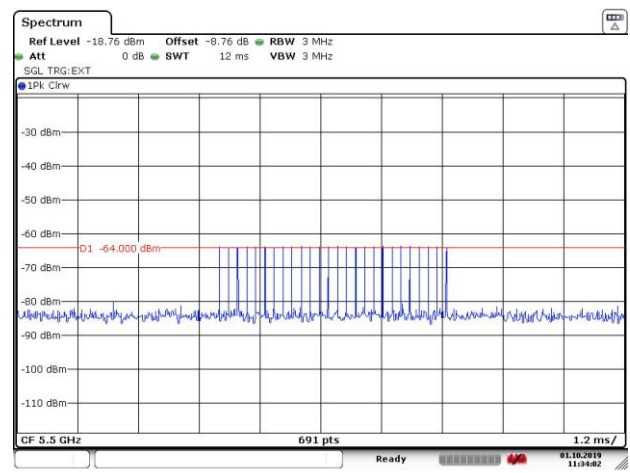


<20MHz / 5500MHz>

Radar Type 1

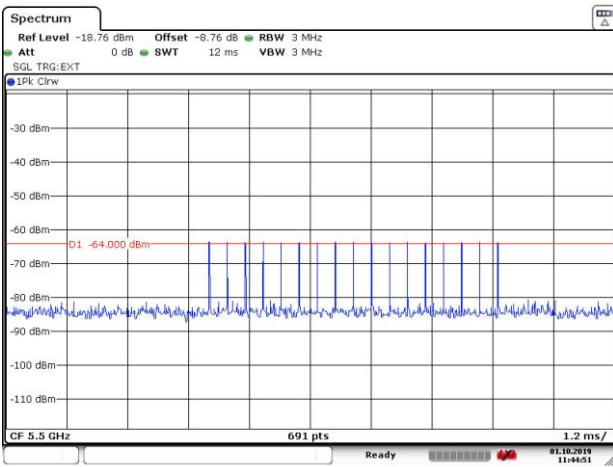


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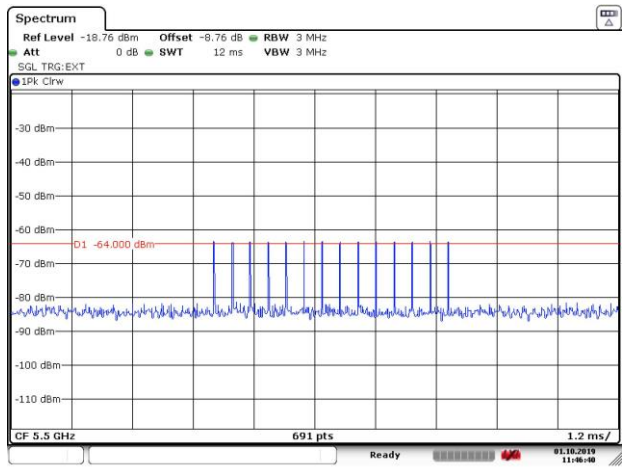


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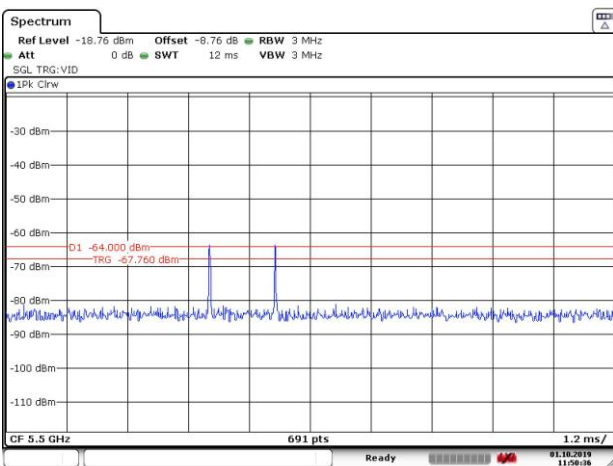
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Radar Type 4



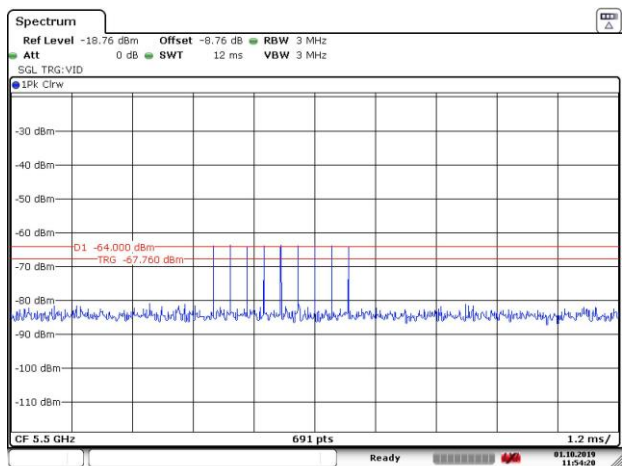
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Single Burst of Radar Type 5



Date: 1.OCT.2019 11:50:36

Single Burst of Radar Type 6

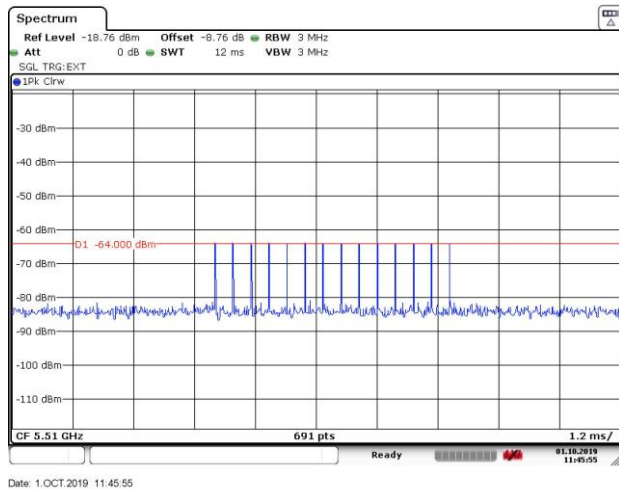


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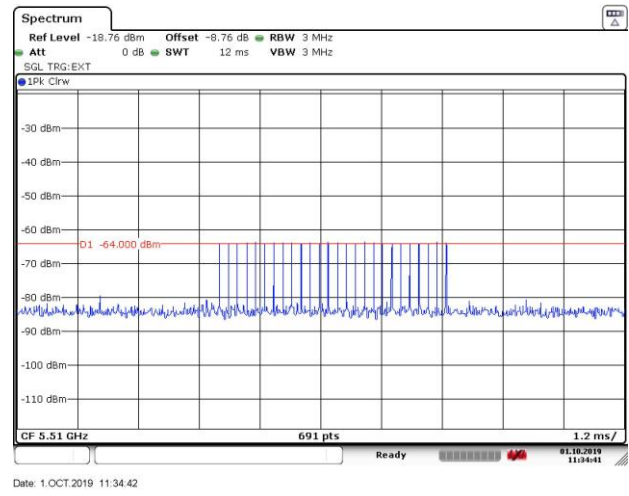


<40MHz / 5510MHz>

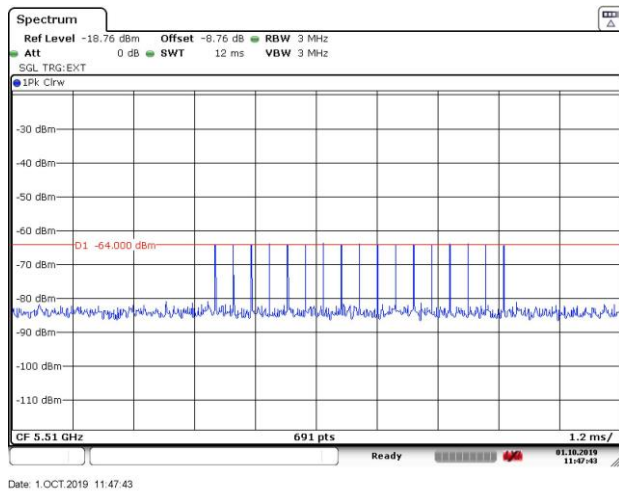
Radar Type 1



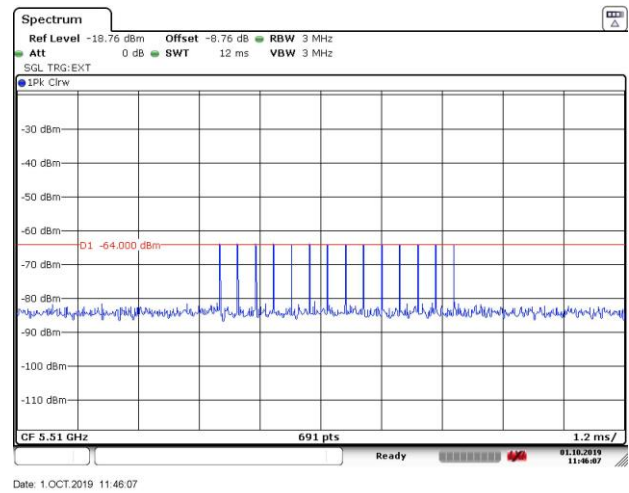
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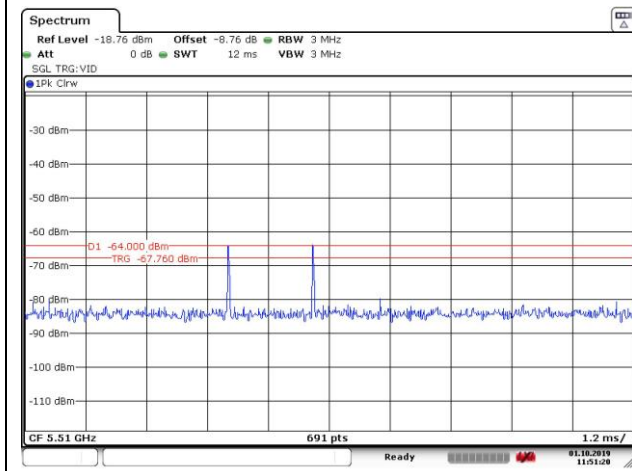


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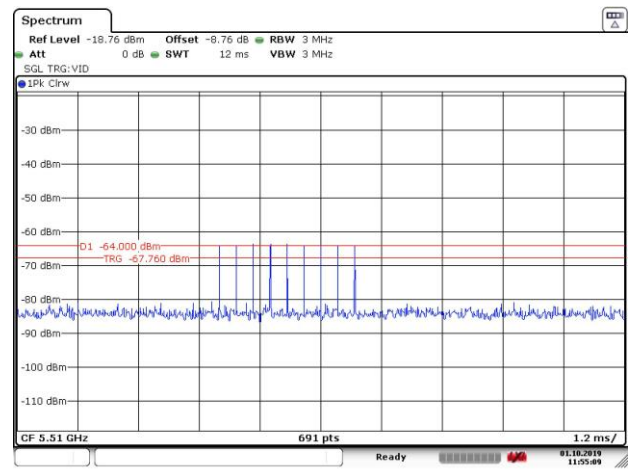


Radar Type 4



**Single Burst of Radar Type 5**

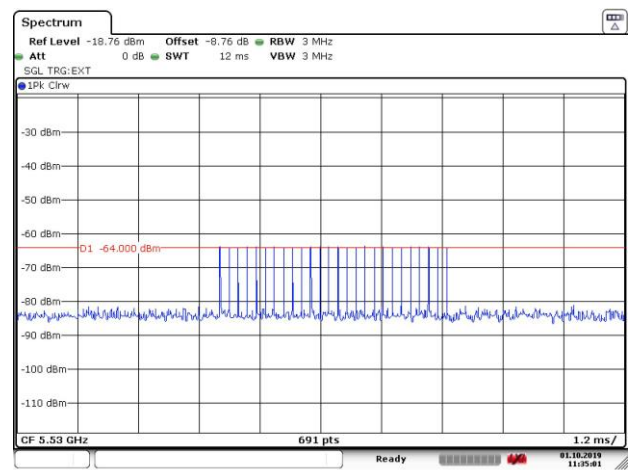
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Single Burst of Radar Type 6

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<80MHz / 5530MHz>**Radar Type 1**

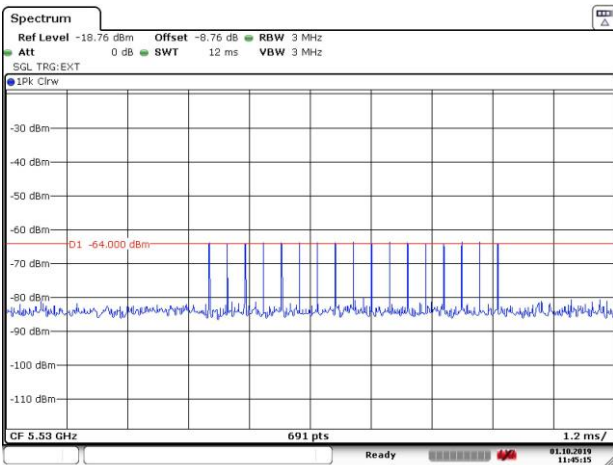
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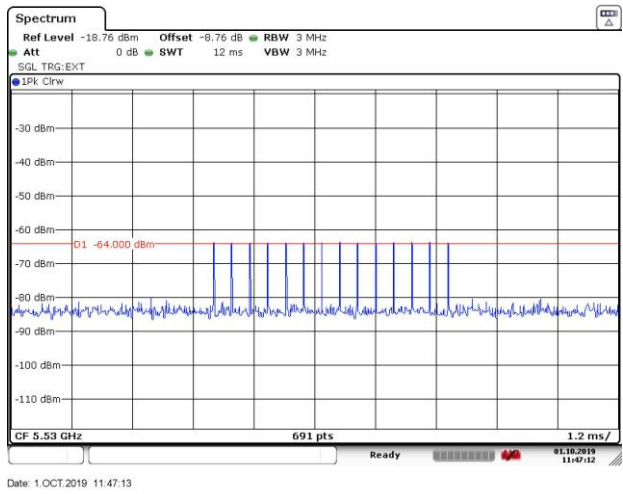
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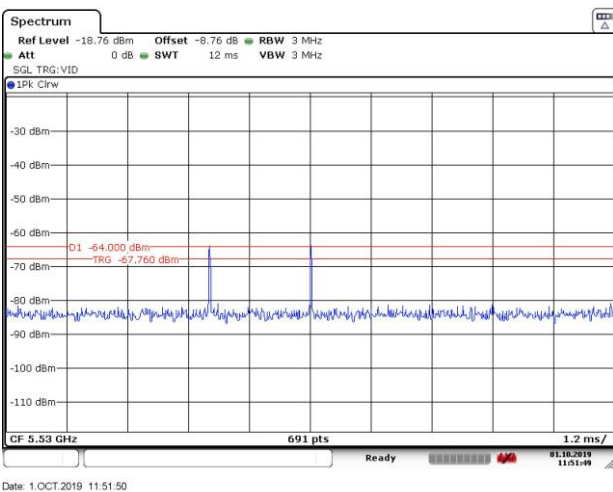
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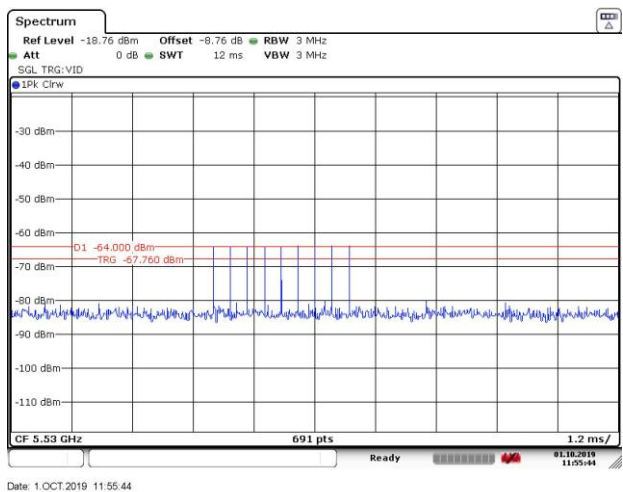
Radar Type 4



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

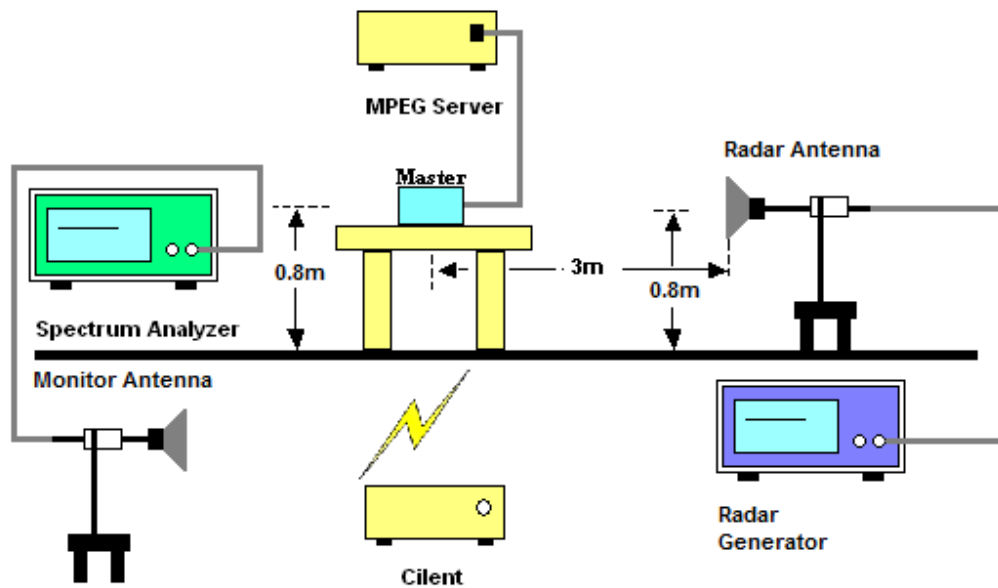
The U-NII Detection Bandwidth shall contain minimum 100% of the 99% power bandwidth.

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 F_H 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 F_L is not required to demonstrate compliance.
- (6) The U-NII Detection Bandwidth is calculated as follows:
U-NII Detection Bandwidth = $F_H - F_L$

3.2.3 Test Setup



3.2.4 Test Deviation

There is no deviation with the original standard.

3.2.5 Result of U-NII Detection Bandwidth

<20MHz / 5300MHz>

Frequency (MHz)	Fc	Trial Number (Detection = Y, No Detection = N)										Rate (%)	F _H /F _L
		1	2	3	4	5	6	7	8	9	10		
5289	-11	N	N	N	N	N	N	N	N	N	N	0%	
5290	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _L
5291	-9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5292	-8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5293	-7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5294	-6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5295	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5300	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5305	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5306	+6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5307	+7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5308	+8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5309	+9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5310	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5311	+11	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5310 – 5290 = 20 MHz													
EUT 99% Bandwidth = 17.757 MHz (Refer to channel 60)													

<40MHz / 5310MHz>

Frequency (MHz)	Fc	Trial Number (Detection = Y, No Detection = N)										Rate (%)	F _H /F _L
		1	2	3	4	5	6	7	8	9	10		
5289	-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 = 36.643 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 = 76.932 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 = 17.844 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
5331	+21	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5530 – 5490 = 40 MHz													
EUT 99% Bandwidth = 36.208 MHz (Refer to channel 102)													

<80MHz / 5530MHz>

Frequency (MHz)	Fc	Trial Number (Detection = V, No Detection = N)										Rate (%)	F _H /F _L
		1	2	3	4	5	6	7	8	9	10		
5489	-41	N	N	N	N	N	N	N	N	N	N	0%	
5490	-40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _L
5491	-39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5492	-38	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5493	-37	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5494	-36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5495	-35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5500	-30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5505	-25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5510	-20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5515	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5520	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5525	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5530	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5535	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5540	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5545	+15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5550	+20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5555	+25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5560	+30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5565	+35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5566	+36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5567	+37	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5568	+38	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5569	+39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5570	+40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5571	+41	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5330 – 5250 = 80 MHz													
EUT 99% Bandwidth = 79.190 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 T_0 . T_1 denotes the instant when the EUT has completed its power-up sequence ($T_{\text{power_up}}$). The Channel Availability Check Time commences on Chr at instant T_1 and will end no sooner than $T_1 + T_{\text{ch_avail_check}}$.
- (3) A single Burst of one of the Short Pulse Radar Types 1-4 will commence within a 6 second window starting at T_1 . 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.

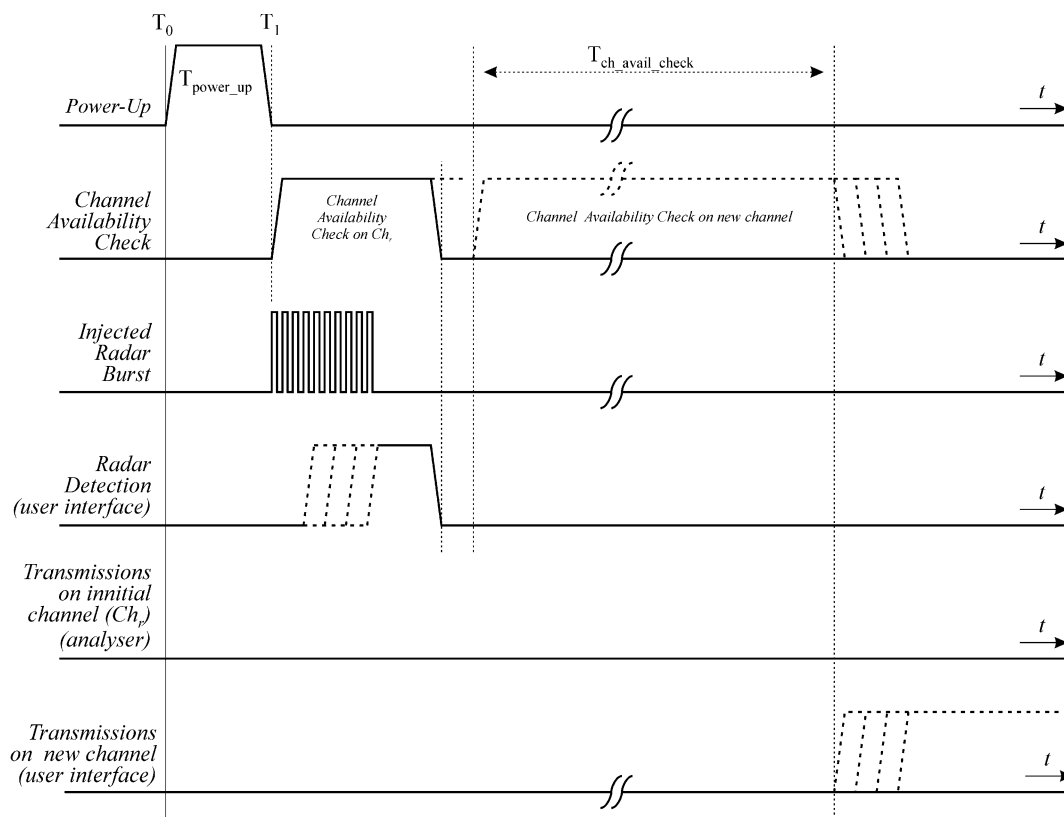


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time

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 T_0 . T_1 denotes the instant when the EUT has completed its power-up sequence ($T_{\text{power_up}}$). The Channel Availability Check Time commences on Chr at instant T_1 and will end no sooner than $T_1 + T_{\text{ch_avail_check}}$.
- (3) A single Burst of one of the Short Pulse Radar Types 1-4 will commence within a 6 second window starting at $T_1 + 54$ 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.

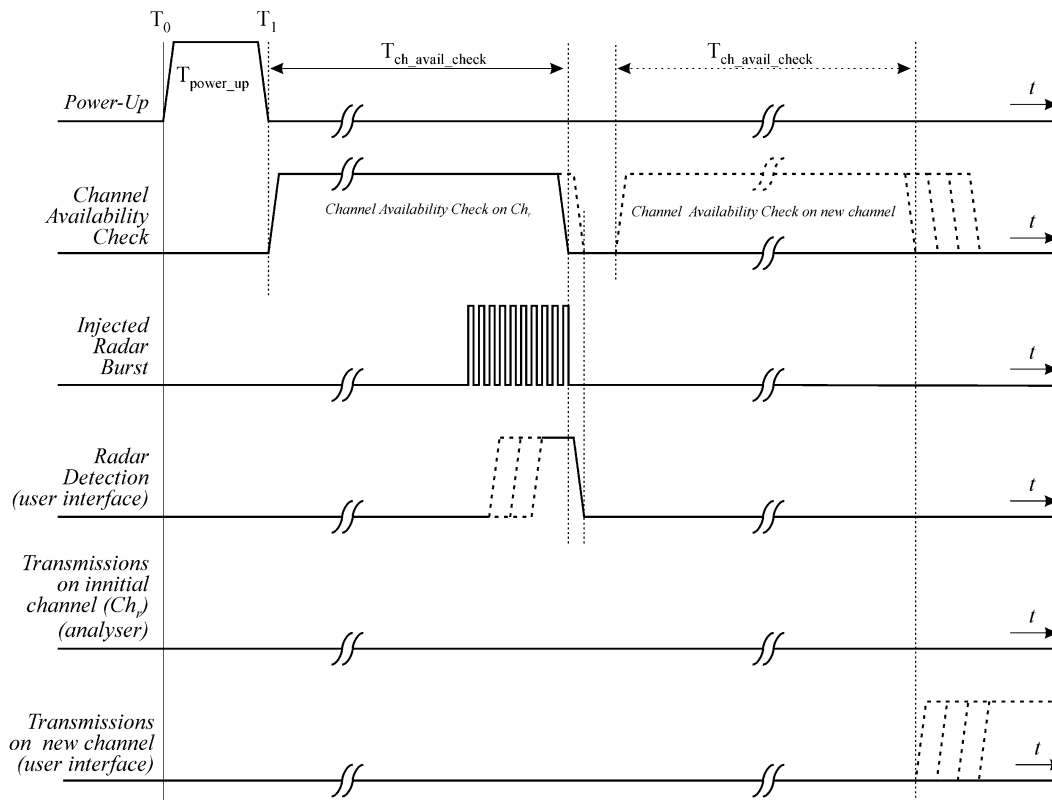
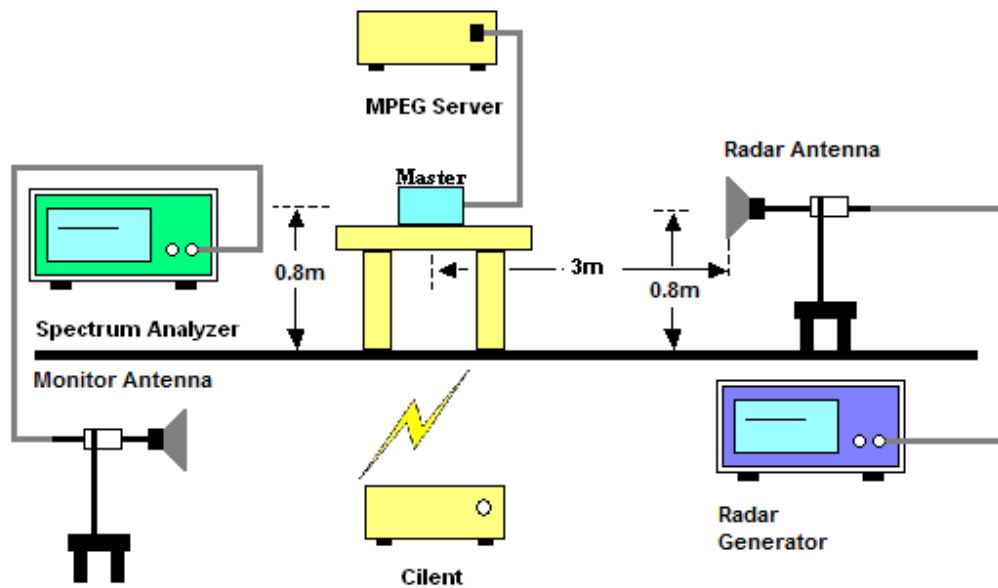


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time

3.3.5 Test Setup



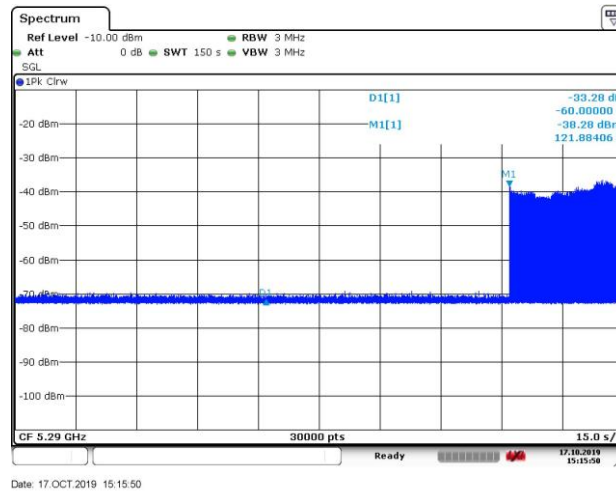
3.3.6 Test Deviation

There is no deviation with the original standard.

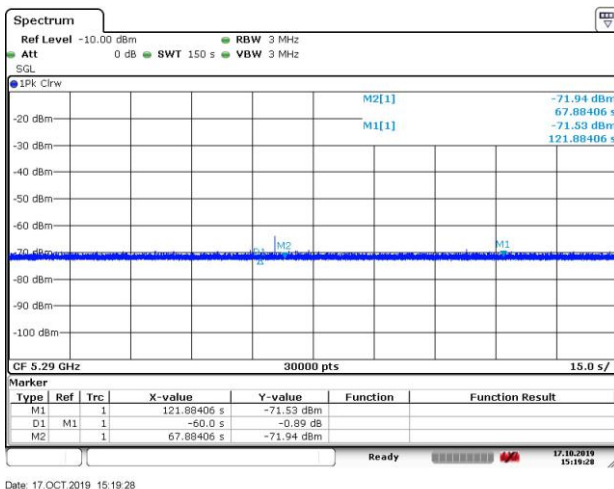
3.3.7 Result of Channel Availability Check Time

<80MHz / 5290MHz>

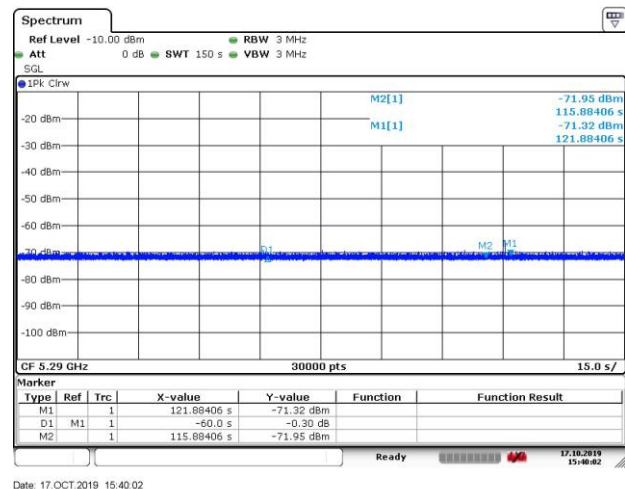
EUT Power up and Initial Channel Availability Check Time



Radar Burst at the Beginning of the Channel Availability Check Time



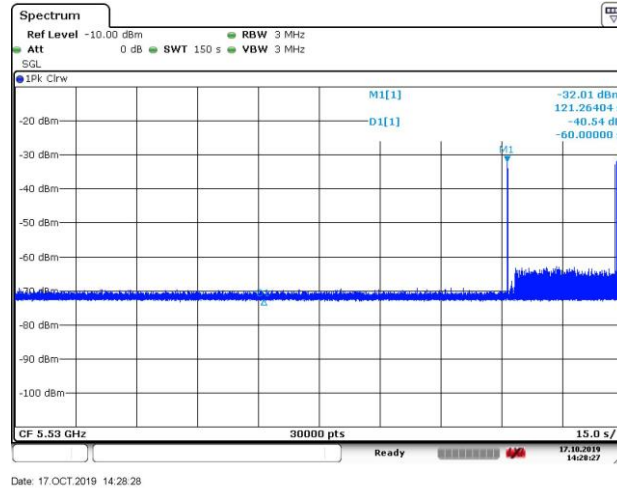
Radar Burst at the End of the Channel Availability Check Time



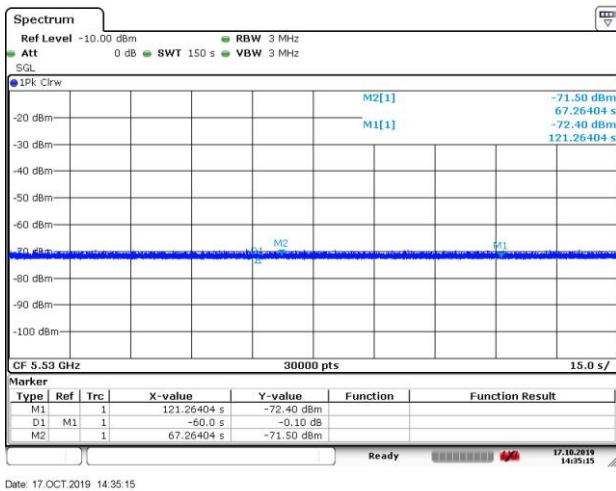


<80MHz / 5530MHz>

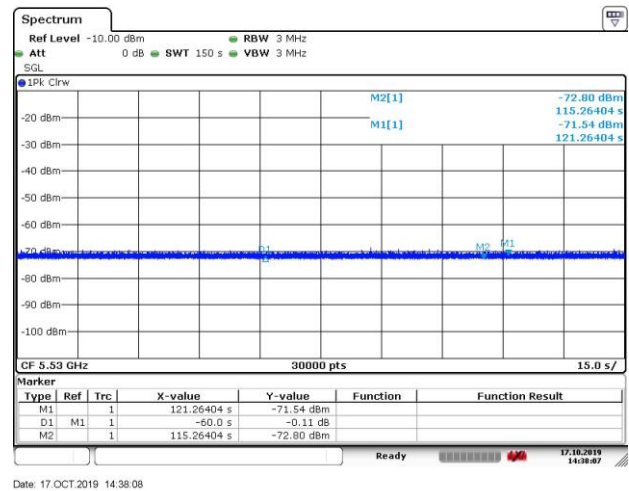
EUT Power up and Initial Channel Availability Check Time



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

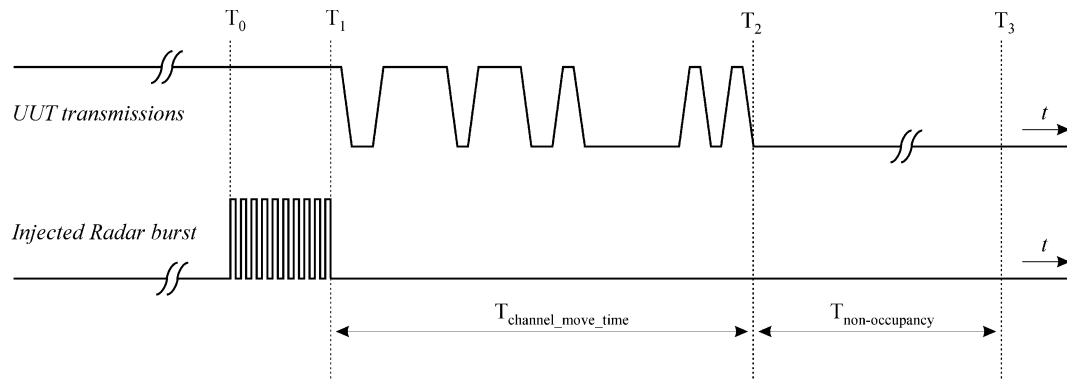
The EUT has In-Service Monitoring function to continuously monitor the radar signals, If radar is detected, it must leave the channel (Shutdown). The Channel Move Time to cease all transmissions on the current Channel upon detection of a Radar Waveform above the DFS Detection Threshold within 10 sec. 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

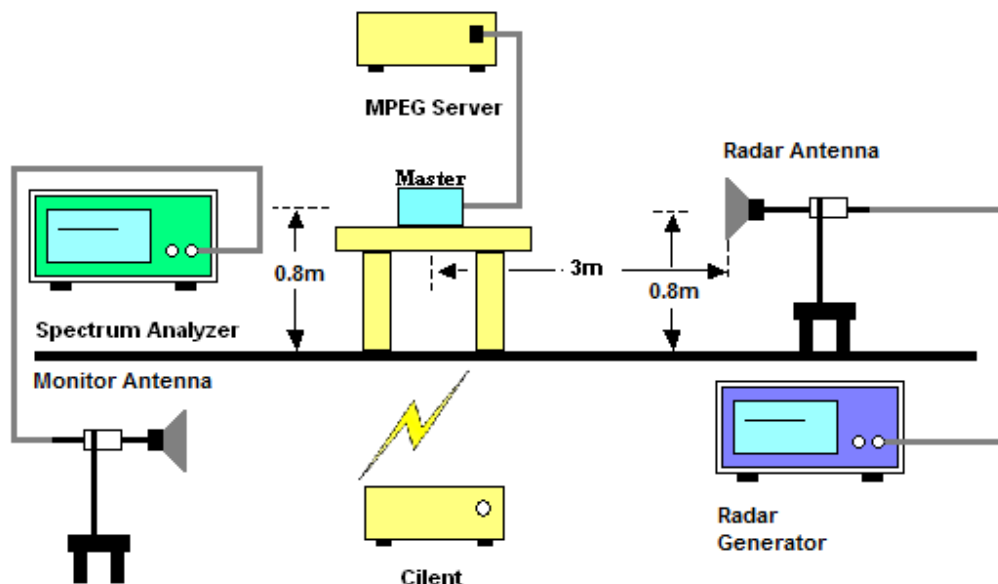
- (1) One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands. For 802.11 devices, the test frequency must contain control signals. This can be verified by disabling channel loading and monitoring the spectrum analyzer. If no control signals 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: $C (ms) = N \times Dwell (0.4 ms)$; 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

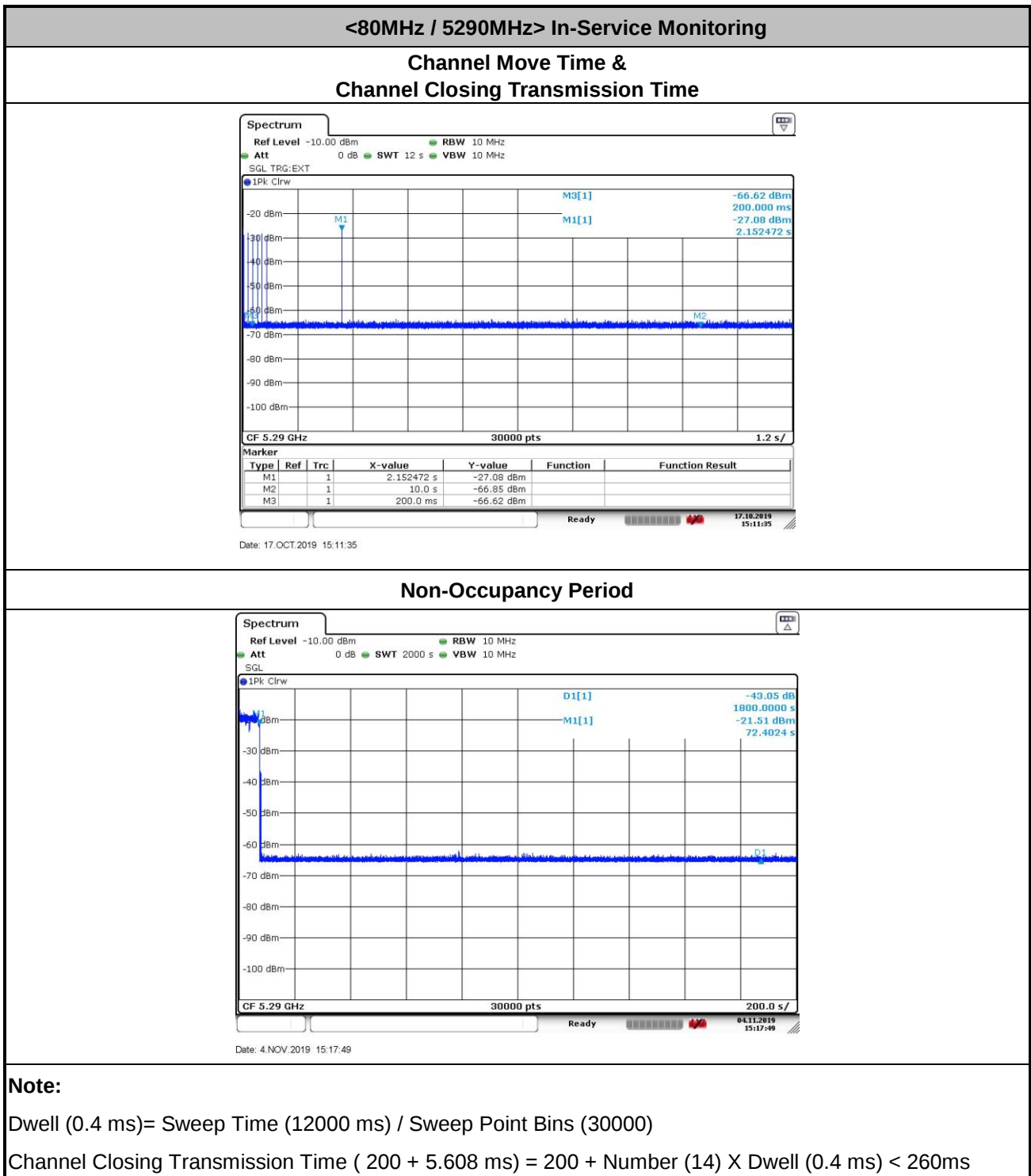
Test Mode :	Master	Temperature :	21 ~ 23°C
Test Engineer :	Andrew Van	Relative Humidity :	47 ~ 50%

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
80MHz / 5290MHz	Channel Move Time	2.152472 s	< 10s	Pass
	Channel Closing Transmission Time	200ms + 5.6008 ms	< 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
80MHz / 5530MHz	Channel Move Time	0.564019 s	< 10s	Pass
	Channel Closing Transmission Time	200ms + 4.8011 ms	< 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass

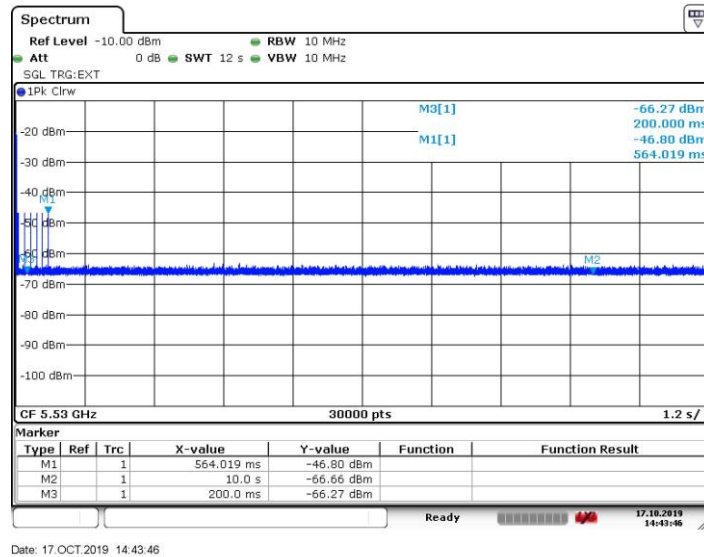
Note: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 seconds period. The aggregate 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

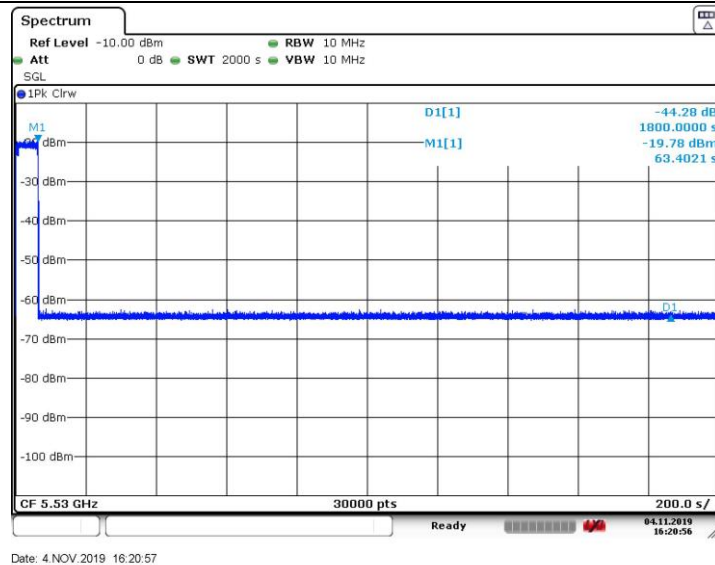


<80MHz / 5530MHz> In-Service Monitoring

Channel Move Time & Channel Closing Transmission Time



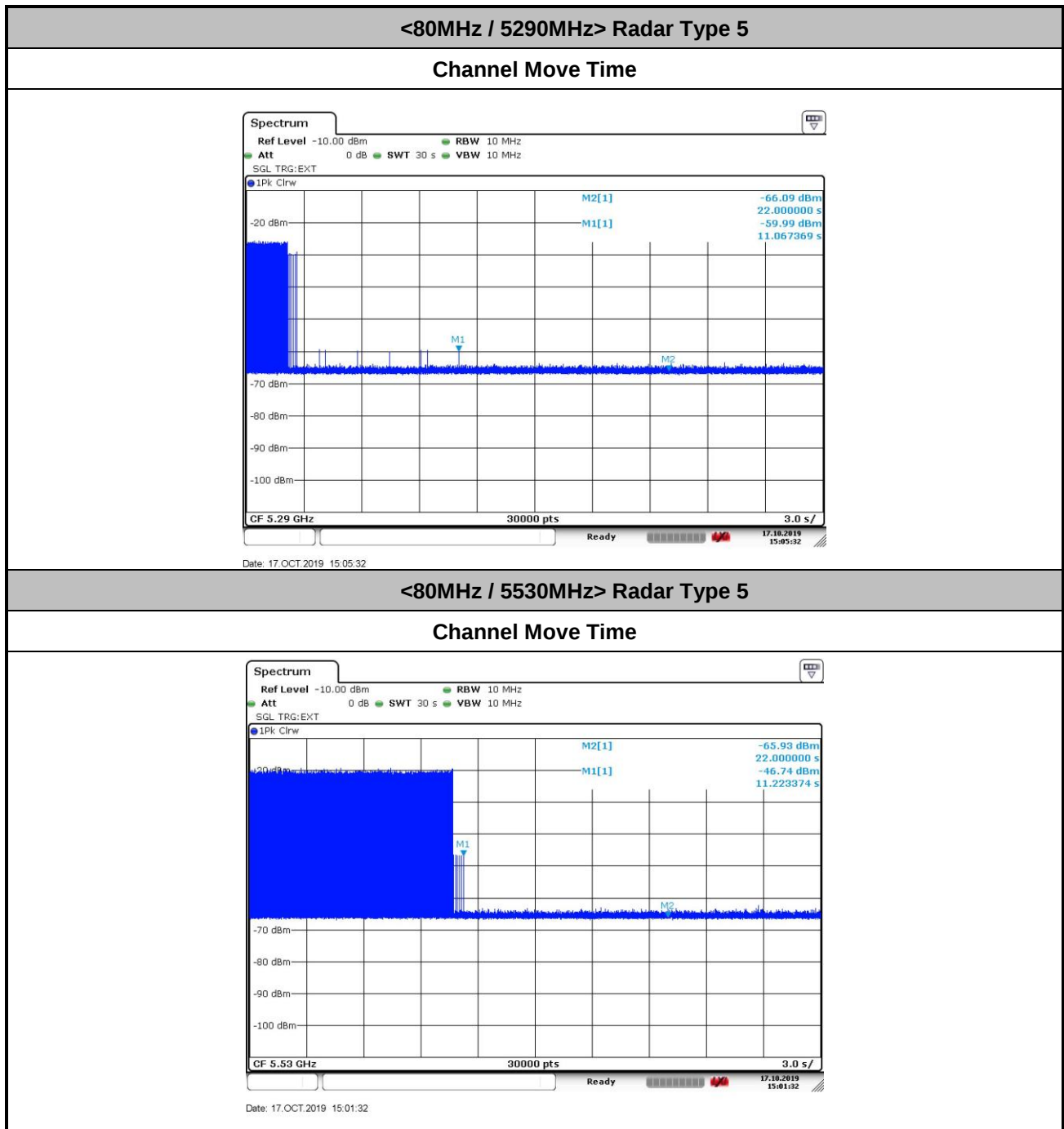
Non-Occupancy Period


Note:

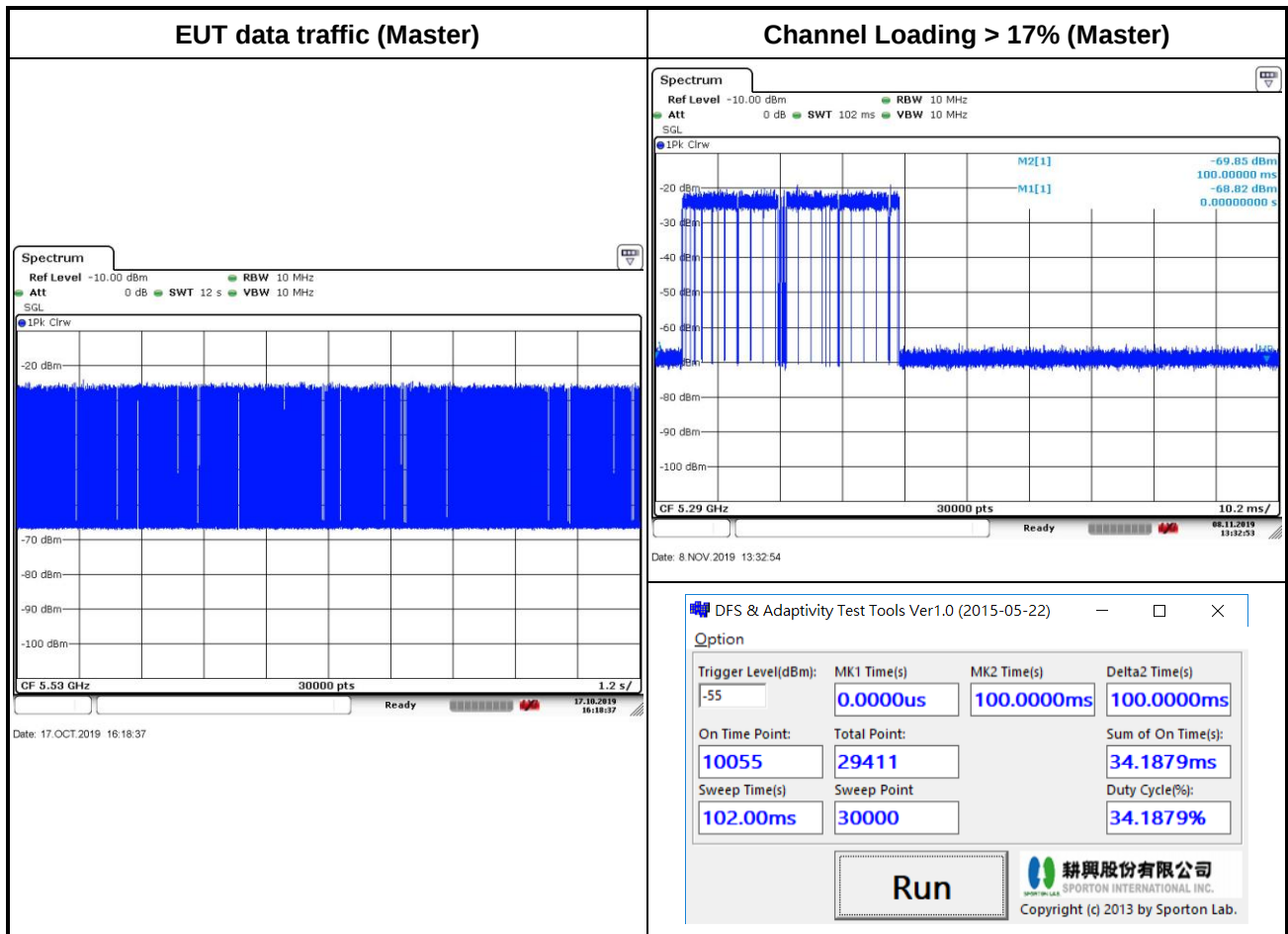
Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)

Channel Closing Transmission Time (200 + 4.8011 ms) = 200 + Number (12) X Dwell (0.4 ms) < 260ms

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

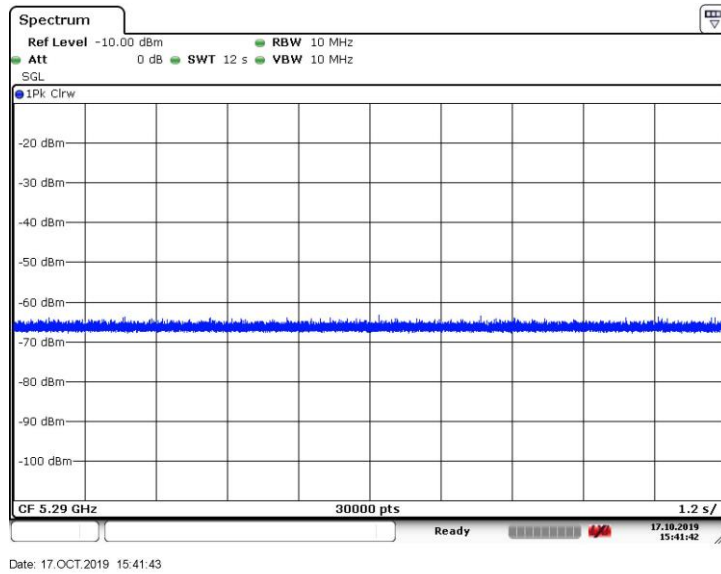


3.4.8 Data Traffic Channel Loading and Noise Floor Plots





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:

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

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 trials, 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:

- The Channel center frequency (subset case 1).
- 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).
- 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.

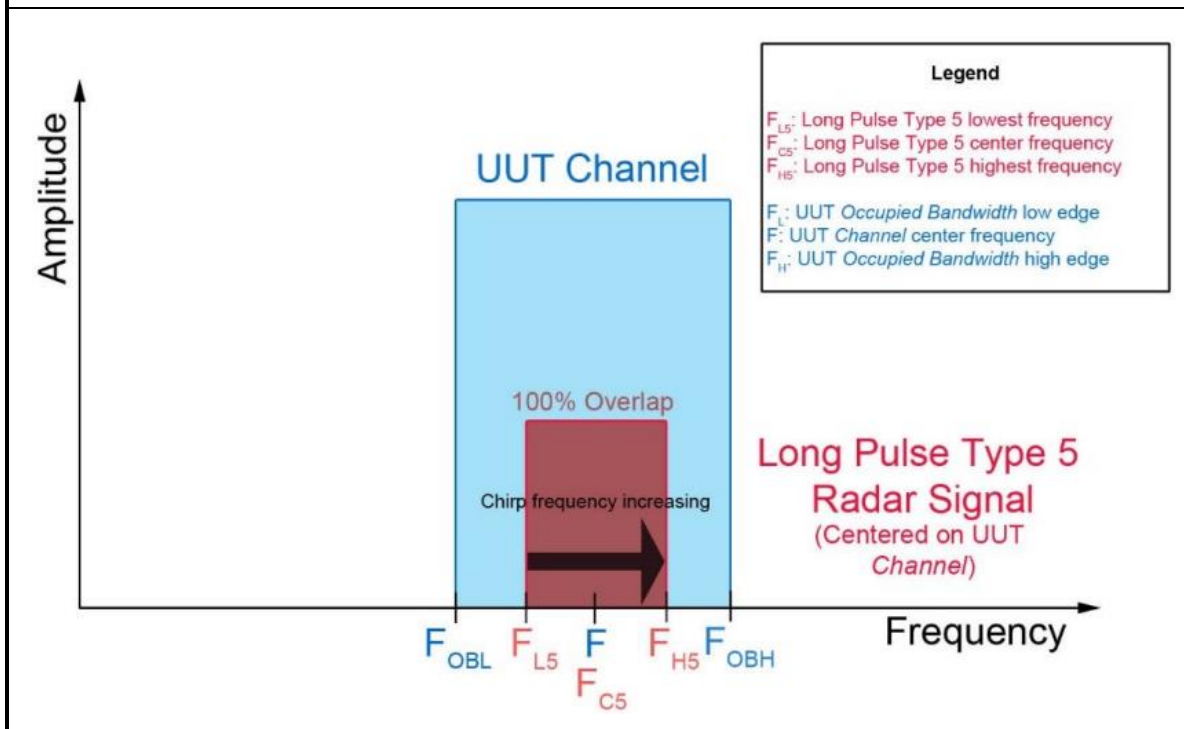
For subset case 2: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 2.

The center frequency of the signal generator for each trial is calculated by: $FL + (0.4 * Chirp Width [in MHz])$

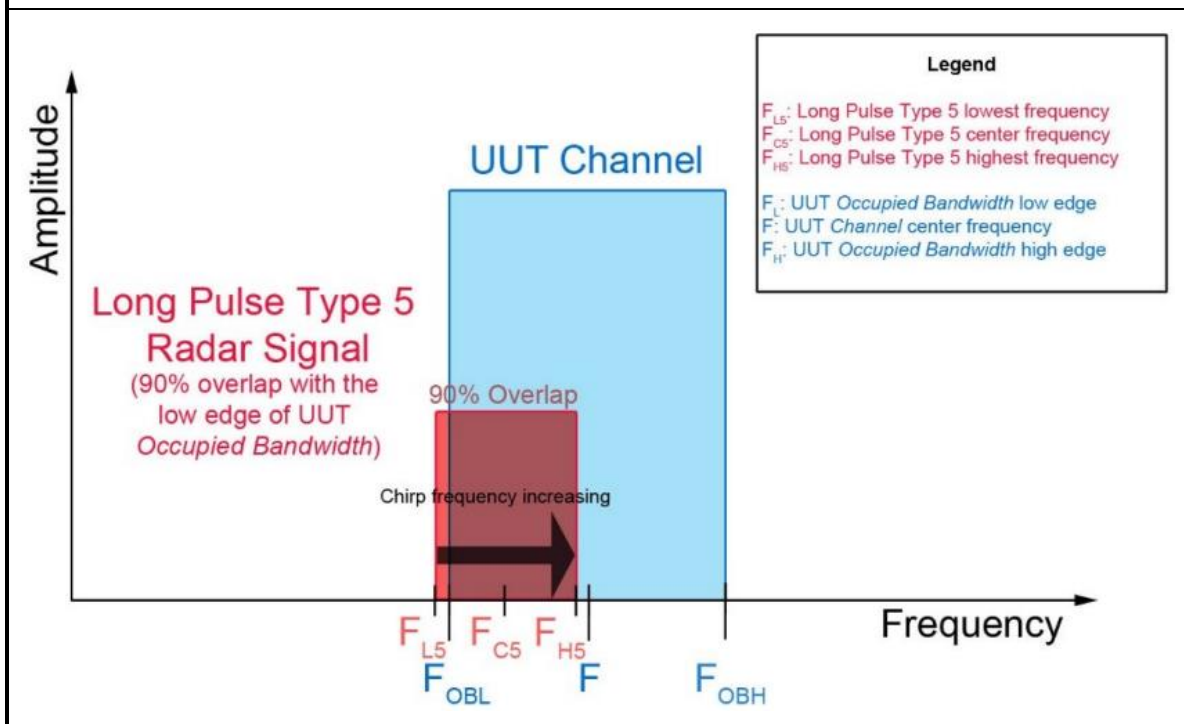
For subset case 3: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 3.

The center frequency of the signal generator for each trial is calculated by: $FH - (0.4 * Chirp Width [in MHz])$

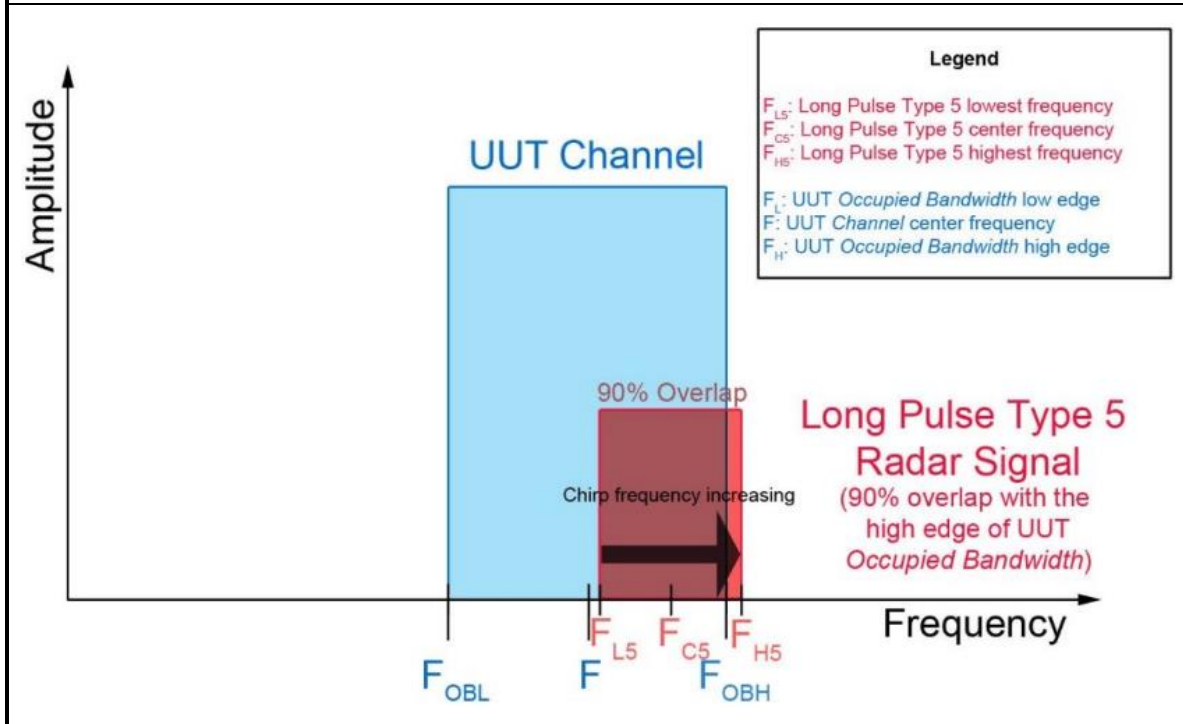
a) Channel center frequency (subset case 1)



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:

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

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:

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

Table 7 – Frequency Hopping Radar Test Waveform

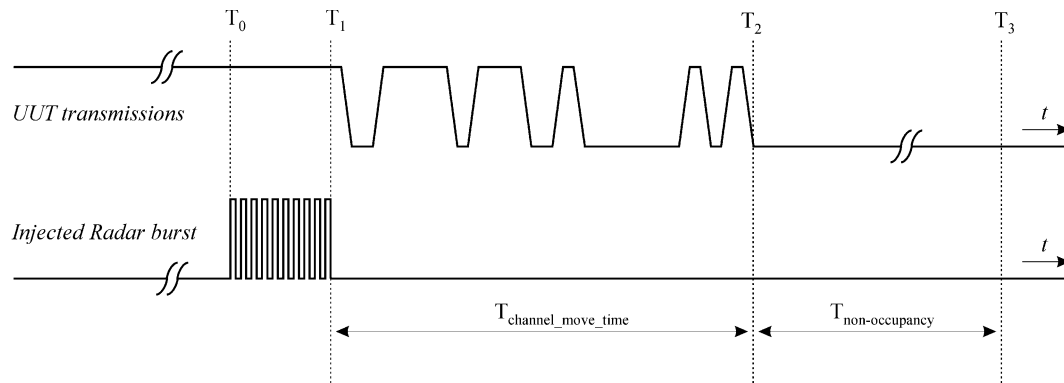
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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:

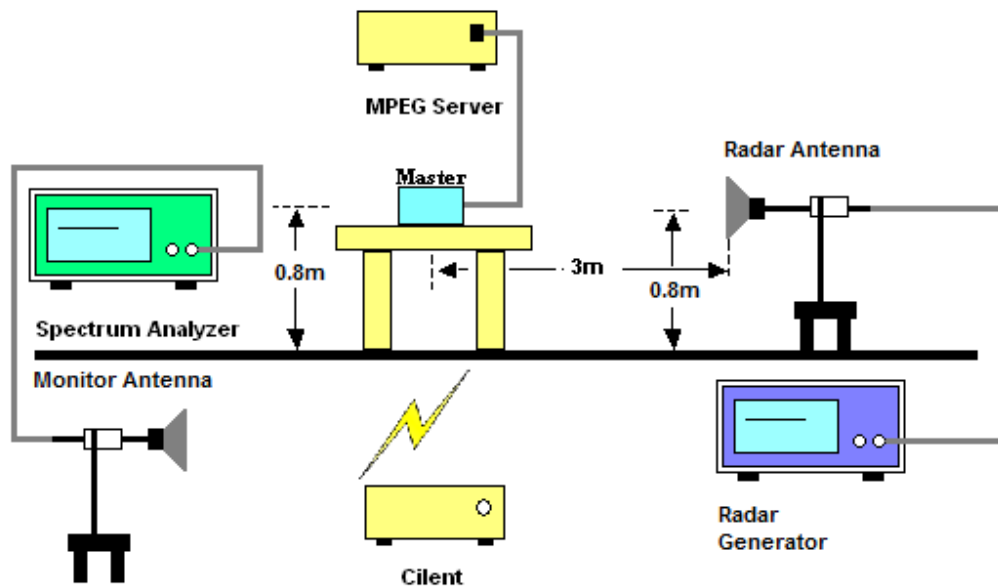
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues 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 T_0 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	N	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	N	Y	Y	Y	Y
14	N	Y	Y	N	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	N	Y	Y
20	Y	N	Y	Y	Y	Y
21	Y	Y	N	Y	N	Y
22	N	Y	Y	Y	N	Y
23	Y	N	Y	Y	Y	Y
24	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	N	Y	Y
26	Y	N	Y	Y	Y	Y
27	Y	Y	N	Y	Y	Y
28	Y	Y	N	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	N	Y
Trial of Detection	28/30	25/30	27/30	26/30	27/30	1/30
Probability (%)	93.33%	83.33%	90%	86.67%	90%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			88.33% (>=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	N	Y	Y	Y	Y	Y
8	Y	N	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y
23	Y	Y	Y	Y	Y	Y
24	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	Y	Y	Y
28	Y	Y	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	29/30	29/30	30/30	30/30	30/30	30/30
Probability (%)	96.67%	96.67%	100%	100%	100%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			98.33% (>=80%)			



<80MHz / 5290MHz>

(Detection = Y, No Detection = N)						
Trial Number	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
1	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y
7	N	N	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	N	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	N	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y
23	Y	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	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	29/30	27/30	30/30	29/30	30/30	30/30
Probability (%)	96.67%	90%	100%	100%	100%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			95.83% (>=80%)			



<80+80MHz / 5250MHz>

(Detection = Y, No Detection = N)						
Trial Number	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
1	Y	Y	N	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	N	N	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	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	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	29/30	29/30	28/30	28/30	30/30	30/30
Probability (%)	96.67%	96.67%	93.33%	93.33%	100%	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	N	Y	Y	Y
5	Y	N	Y	N	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	N	Y	Y	Y	Y
17	Y	Y	Y	N	Y	Y
18	Y	Y	Y	N	Y	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	Y	N	Y	N	Y	Y
22	Y	Y	Y	Y	Y	Y
23	Y	Y	N	Y	Y	Y
24	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	Y	Y	Y
28	Y	Y	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	30/30	27/30	27/30	26/30	30/30	30/30
Probability (%)	100%	90%	90%	86.67%	100%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			91.67% (>=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	N	Y	Y
2	Y	Y	Y	N	Y	Y
3	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	N	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y
17	N	Y	N	N	Y	Y
18	Y	Y	Y	Y	N	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y
23	Y	Y	Y	Y	Y	Y
24	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	Y	Y	Y
28	Y	Y	Y	Y	Y	Y
29	Y	Y	Y	N	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	29/30	30/30	29/30	26/30	28/30	30/30
Probability (%)	96.67%	100%	96.67%	86.67%	93.33%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			95% (>=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	N	Y	Y	Y
2	Y	Y	Y	Y	N	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	N	Y
11	Y	Y	Y	Y	Y	Y
12	N	Y	Y	Y	Y	Y
13	Y	Y	Y	N	Y	Y
14	Y	Y	Y	Y	N	Y
15	Y	Y	N	Y	Y	Y
16	Y	N	Y	N	Y	Y
17	Y	Y	Y	Y	N	Y
18	Y	Y	N	N	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	Y	N	Y	Y	Y
23	Y	Y	Y	N	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	N	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	25/30	26/30	26/30	30/30
Probability (%)	93.33%	96.67%	83.33%	86.67%	86.67%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			90% (>=80%)			

<80+80MHz / 5570MHz>

(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	N	Y	Y	Y	Y
4	Y	N	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	N	Y	Y	Y
7	N	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	Y	Y	Y	Y	Y
24	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	Y	Y	Y
28	Y	Y	Y	Y	Y	Y
29	Y	N	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	29/30	26/30	29/30	30/30	30/30	30/30
Probability (%)	96.67%	86.67%	96.67%	100%	100%	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	Oct. 01, 2019~Nov. 08, 2019	Jan. 30, 2020	DFS (DFS01-CA)
Spectrum Analyzer	R&S	FSV13	101559	10Hz~13.6GHz	Jun. 12, 2019	Oct. 01, 2019~Nov. 08, 2019	Jun. 11, 2020	DFS (DFS01-CA)
Horn Antenna	SCHWARZBECK	9120D	9120D_02113	N/A	Jul. 22, 2019	Oct. 01, 2019~Nov. 08, 2019	Jul. 21, 2020	DFS (DFS01-CA)
Horn Antenna	SCHWARZBECK	9120D	9120D_02115	N/A	Jul. 22, 2019	Oct. 01, 2019~Nov. 08, 2019	Jul. 21, 2020	DFS (DFS01-CA)

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

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	1193.32	838	Y
2	8	1519.76	658	Y
3	1	1930.50	518	Y
4	18	1165.50	858	Y
5	11	1392.76	718	Y
6	12	1355.01	738	Y
7	5	1672.24	598	N
8	9	1474.93	678	Y
9	7	1567.40	638	Y
10	2	1858.74	538	Y
11	14	1285.35	778	Y
12	21	1089.32	918	Y
13	22	1066.10	938	Y
14	12	326.16	3066	Y
15	15	1253.13	798	Y
16		986.19	1014	Y
17		460.62	2171	Y
18		1038.42	963	Y
19		1076.43	929	Y
20		777.00	1287	Y
21		419.64	2383	Y
22		838.22	1193	Y
23		434.78	2300	Y
24		1259.45	794	Y
25		477.33	2095	Y
26		1814.88	551	Y
27		442.28	2261	Y
28		372.30	2686	Y
29		331.24	3019	Y
30		1088.14	919	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	26	2.90	221	Y
2	25	2.50	215	Y
3	28	4.40	189	Y
4	27	3.50	175	Y
5	28	3.90	208	Y
6	28	4.10	182	Y
7	29	5.00	225	N
8	26	2.90	187	Y
9	24	2.00	179	Y
10	27	3.40	217	Y
11	28	4.30	211	Y
12	25	2.70	192	Y
13	26	3.00	214	Y
14	25	2.40	207	Y
15	27	3.60	174	Y
16	25	2.20	164	Y
17	24	1.80	197	Y
18	25	2.50	218	Y
19	28	4.20	205	Y
20	29	5.00	209	Y
21	29	4.90	185	Y
22	29	4.60	224	Y
23	27	3.30	159	Y
24	28	4.20	171	Y
25	28	4.00	181	Y
26	25	2.20	198	Y
27	23	1.30	195	Y
28	27	3.40	173	Y
29	26	3.20	191	Y
30	28	4.00	186	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	7.90	275	N
2	17	7.50	373	Y
3	18	9.40	312	Y
4	17	8.50	336	Y
5	18	8.90	429	Y
6	18	9.10	242	Y
7	18	10.00	265	Y
8	17	7.90	424	Y
9	16	7.00	442	Y
10	17	8.40	378	Y
11	18	9.30	494	Y
12	17	7.70	293	Y
13	17	8.00	364	N
14	17	7.40	478	Y
15	17	8.60	341	Y
16	16	7.20	306	Y
17	16	6.80	468	Y
18	17	7.50	313	Y
19	18	9.20	345	Y
20	18	10.00	484	Y
21	18	9.90	310	Y
22	18	9.60	473	Y
23	17	8.30	210	Y
24	18	9.20	346	Y
25	18	9.00	461	Y
26	16	7.20	411	Y
27	16	6.30	266	Y
28	17	8.40	377	Y
29	17	8.20	402	Y
30	18	9.00	420	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.20	275	Y
2	13	14.40	373	Y
3	16	18.70	312	Y
4	15	16.50	336	Y
5	15	17.60	429	Y
6	15	17.90	242	Y
7	16	20.00	265	Y
8	14	15.20	424	Y
9	13	13.30	442	Y
10	14	16.40	378	Y
11	16	18.30	494	Y
12	14	14.70	293	Y
13	14	15.60	364	Y
14	13	14.20	478	Y
15	15	16.70	341	Y
16	13	13.70	306	Y
17	13	12.80	468	Y
18	13	14.30	313	Y
19	16	18.30	345	Y
20	16	19.90	484	Y
21	16	19.60	310	Y
22	16	19.00	473	N
23	14	16.30	210	Y
24	16	18.20	346	N
25	15	17.60	461	Y
26	13	13.70	411	Y
27	12	11.80	266	Y
28	14	16.30	377	Y
29	14	16.00	402	Y
30	15	17.70	420	Y

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	73.3	12	1317	-	1575
2	2	69	12	1826	-	1018
3	3	92.7	12	1566	1693	1715
4	2	80.5	12	1062	-	1442
5	3	86.5	12	2000	1565	1544
6	3	88	12	1360	1907	1596
7	3	100	12	1856	1618	1138
8	2	73.4	12	1497	-	1671
9	1	62.7	12	-	-	1578
10	2	79.9	12	1935	-	1094
11	3	90.4	12	1482	1843	1946
12	2	70.8	12	1576	-	1119
13	2	75.5	12	1820	-	1885
14	2	67.9	12	1910	-	1142
15						
16						
17						
18						
19						
20						

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	81.8	11	1738	-	1279
2	1	65.2	11	-	-	1085
3	1	60	11	-	-	1494
4	2	68.3	11	1222	-	1512
5	3	90.2	11	1288	1730	1923
6	3	99.3	11	1365	1125	1051
7	3	97.7	11	1675	1660	1212
8	3	94.3	11	1430	1311	1835
9	2	79.3	11	1734	-	1042
10	3	90.1	11	1074	1597	1637
11	3	86.7	11	1447	1117	1874
12	1	65.1	11	-	-	1812
13						
14						
15						
16						
17						
18						
19						
20						

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

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	54.8	18	-	-	1402
2	2	79.5	18	1286	-	1343
3	2	77.8	18	1275	-	1111
4	3	87.2	18	1881	1887	1413
5	2	77.3	18	1383	-	1950
6	3	96.5	18	1527	1731	1769
7	1	59.8	18	-	-	1061
8	2	82.6	18	1531	-	1809
9	1	62.2	18	-	-	1979
10	1	60.7	18	-	-	1918
11	3	99.4	18	1987	1714	1568
12	1	64.3	18	-	-	1599
13	2	68.9	18	1172	-	1490
14	2	76.1	18	1110	-	1606
15	2	73.8	18	1880	-	1438
16	3	95	18	1613	1870	1302
17	2	82.1	18	1122	-	1725
18	3	96.8	18	1707	1120	1389
19	2	79	18	1201	-	1247
20						

Trial Number:			4			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	2	71.2	14	1930	-	1735
2	2	68.9	14	1003	-	1039
3	1	50.5	14	-	-	1595
4	2	74.2	14	1470	-	1790
5	2	67.7	14	1943	-	1244
6	2	70.7	14	1049	-	1746
7	1	56	14	-	-	1941
8	3	84.5	14	1303	1696	1924
9	3	89.4	14	1648	1542	1007
10	1	55	14	-	-	1156
11	2	79.1	14	1591	-	1863
12	3	89.8	14	1420	1130	1865
13	1	52.6	14	-	-	1037
14	3	93.9	14	1215	1133	1981
15	2	71.4	14	1536	-	1603
16						
17						
18						
19						
20						

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

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	83.1	16	1708	-	1845
2	2	70.4	16	1665	-	1626
3	3	95.6	16	1611	1784	1250
4	2	75.5	16	1593	-	1378
5	1	52.6	16	-	-	1768
6	3	94	16	1997	1087	1198
7	1	61	16	-	-	1641
8	3	93	16	1006	1238	1372
9	1	55.6	16	-	-	1732
10	2	71.1	16	1772	-	1370
11	1	65.9	16	-	-	1532
12	3	95.8	16	1728	1964	1114
13	3	99.5	16	1836	1059	1075
14	1	64.1	16	-	-	1321
15	2	75.5	16	1853	-	1020
16	1	52.6	16	-	-	1919
17	1	62.1	16	-	-	1193
18						
19						
20						

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	82.5	17	1505	-	1289
2	1	61.1	17	-	-	1487
3	1	65.4	17	-	-	1080
4	3	96.3	17	1165	1980	1058
5	1	54.3	17	-	-	1388
6	1	55.2	17	-	-	1894
7	1	60.1	17	-	-	1096
8	1	66.5	17	-	-	1380
9	2	71.2	17	1551	-	1461
10	1	62	17	-	-	1366
11	2	70.5	17	1938	-	1975
12	2	77.5	17	1073	-	1519
13	2	83.2	17	1010	-	1556
14	2	70.9	17	1879	-	1962
15	3	96.8	17	1144	1530	1177
16	2	70.5	17	1628	-	1147
17	3	97.5	17	1639	1684	1719
18						
19						
20						

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

Trial Number:			7			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	93	20	1543	1967	1498
2	1	53.3	20	-	-	1448
3	3	99.5	20	1136	1070	1807
4	1	56.5	20	-	-	1794
5	3	94.2	20	1681	1862	1740
6	3	85.1	20	1257	1652	1724
7	1	60.2	20	-	-	1902
8	2	75.9	20	1989	-	1875
9	3	94.9	20	1323	1351	1933
10	1	53.1	20	-	-	1803
11	1	51.7	20	-	-	1315
12	2	74.9	20	1663	-	1813
13	1	56.6	20	-	-	1824
14	2	70.3	20	1121	-	1869
15	1	63.9	20	-	-	1685
16	1	52.3	20	-	-	1224
17	2	66.9	20	1328	-	1071
18	1	57.3	20	-	-	1749
19	3	91.5	20	1272	1281	1015
20	2	78.4	20	1659	-	1017

Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	75.2	12	1892	-	1586
2	2	78.7	12	1819	-	1268
3	1	65.1	12	-	-	1697
4	3	85.4	12	1473	1616	1567
5	1	59	12	-	-	1160
6	2	81.4	12	1823	-	1737
7	2	81.9	12	1983	-	1325
8	3	90.6	12	1271	1291	1270
9	1	65.5	12	-	-	1857
10	2	72.5	12	1514	-	1872
11	1	50.2	12	-	-	1834
12	2	69.1	12	1492	-	1538
13	2	75.3	12	1237	-	1126
14	1	51.9	12	-	-	1169
15						
16						
17						
18						
19						
20						

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

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	71.2	9	1840	-	1095
2	2	72.1	9	1993	-	1108
3	1	53.2	9	-	-	1455
4	1	55.6	9	-	-	1846
5	3	88.3	9	1465	1610	1425
6	2	76	9	1324	-	1913
7	1	55.2	9	-	-	1179
8	2	70.3	9	1680	-	1928
9	1	59.5	9	-	-	1287
10	1	52.1	9	-	-	1002
11	1	58.3	9	-	-	1263
12						
13						
14						
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16						
17						
18						
19						
20						

Trial Number:			10			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	91.6	14	1789	1859	1104
2	1	64.6	14	-	-	1580
3	3	91.7	14	1713	1651	1893
4	1	56.5	14	-	-	1422
5	2	75.1	14	1891	-	1799
6	1	66.2	14	-	-	1162
7	1	63.6	14	-	-	1899
8	1	55.2	14	-	-	1345
9	3	92.1	14	1817	1427	1992
10	2	72.3	14	1432	-	1233
11	1	64.2	14	-	-	1316
12	3	88.3	14	1214	1200	1678
13	1	64	14	-	-	1559
14	3	97.5	14	1545	1304	1884
15	1	62.8	14	-	-	1406
16						
17						
18						
19						
20						

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

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	53.1	17	-	-	1504
2	2	69.7	17	1167	-	1752
3	1	60.4	17	-	-	1158
4	2	72.4	17	1064	-	1043
5	1	52.9	17	-	-	1282
6	2	82.7	17	1550	-	1463
7	3	99.7	17	1089	2000	1440
8	1	54.7	17	-	-	1674
9	3	99.2	17	1181	1771	1276
10	3	91.9	17	1154	1243	1014
11	3	99.2	17	1848	1968	1171
12	1	61.3	17	-	-	1493
13	2	69	17	1319	-	1092
14	1	65.5	17	-	-	1973
15	2	73.1	17	1867	-	1411
16	1	54.8	17	-	-	1052
17	2	69.2	17	1619	-	1284
18	1	63	17	-	-	1587
19						
20						

Trial Number:			12			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	2	77.1	77.1	1720	-	1864
2	2	67.5	67.5	1833	-	1825
3	2	66.7	66.7	1476	-	1207
4	3	90.3	90.3	1391	1419	1560
5	3	84	84	1897	1057	1689
6	3	90.4	90.4	1434	1956	1348
7	1	56.2	56.2	-	-	1569
8	3	86.6	86.6	1985	1435	1178
9	1	63.9	63.9	-	-	1525
10	2	83.2	83.2	1558	-	1053
11	2	79.7	79.7	1405	-	1898
12	1	56.9	56.9	-	-	1093
13	3	83.8	83.8	1223	1850	1044
14						
15						
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17						
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80+80MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	89.2	13	1539	1866	1854
2	1	58.1	13	-	-	1871
3	2	75.4	13	1756	-	1518
4	2	72.9	13	1743	-	1001
5	3	85.6	13	1502	1209	1775
6	1	59.9	13	-	-	1657
7	3	87.2	13	1339	1601	1625
8	3	99.2	13	1210	1029	1745
9	2	75.7	13	1295	-	1090
10	3	91.9	13	1911	1135	1957
11	1	59.9	13	-	-	1858
12	3	92.6	13	1248	1988	1459
13	1	64.7	13	-	-	1189
14	2	75.9	13	1395	-	1192
15						
16						
17						
18						
19						
20						

Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	54.9	10	-	-	1650
2	3	94.6	10	1949	1495	1632
3	3	89.8	10	1176	1385	1600
4	2	69	10	1787	-	1253
5	2	67.4	10	1027	-	1763
6	3	95	10	1231	1046	1695
7	2	75.2	10	1409	-	1040
8	3	87	10	1175	1400	1436
9	2	80	10	1399	-	1815
10	3	96.1	10	1484	1741	1143
11	1	62.9	10	-	-	1283
12	3	85.7	10	1999	1726	1357
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80+80MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	70	15	1944	-	1373
2	1	66.2	15	-	-	1478
3	1	66.3	15	-	-	1415
4	2	68.8	15	1529	-	1404
5	1	66.5	15	-	-	1164
6	2	75	15	1818	-	1520
7	3	92.2	15	1013	1932	1994
8	1	58	15	-	-	1417
9	1	60	15	-	-	1748
10	1	53.2	15	-	-	1254
11	3	93.6	15	1608	1364	1047
12	3	92.6	15	1698	1088	1137
13	3	87.6	15	1340	1274	1839
14	3	95	15	1236	1712	1661
15	2	82.1	15	1251	-	1353
16	1	63.8	15	-	-	1211
17						
18						
19						
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	51.3	9	-	-	1767
2	2	75.6	9	1367	-	1947
3	1	56.8	9	-	-	1278
4	3	97.7	9	1216	1831	1798
5	2	69.3	9	1082	-	1313
6	1	64.4	9	-	-	1564
7	1	51.2	9	-	-	1733
8	3	92.1	9	1754	1000	1590
9	2	74.1	9	1936	-	1706
10	1	64.2	9	-	-	1523
11	1	62.2	9	-	-	1101
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19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80+80MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	62	8	-	-	1751
2	1	58.5	8	-	-	1723
3	1	52.2	8	-	-	1830
4	2	78.1	8	1562	-	1249
5	2	79.4	8	1079	-	1860
6	1	60	8	-	-	1083
7	3	99.9	8	1347	1645	1269
8	3	89.9	8	1642	1148	1986
9	2	71	8	1773	-	1510
10	2	82.9	8	1151	-	1605
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	56.9	10	-	-	1377
2	2	75.4	10	1554	-	1025
3	3	84.9	10	1333	1765	1368
4	1	50.3	10	-	-	1791
5	1	56.6	10	-	-	1896
6	1	65.9	10	-	-	1991
7	1	51.7	10	-	-	1612
8	1	50.9	10	-	-	1511
9	3	97.2	10	1883	1349	1203
10	2	81.4	10	1300	-	1371
11	2	72.4	10	1631	-	1966
12	1	62.9	10	-	-	1757
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80+80MHz

Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	61.4	17	-	-	1882
2	3	85.6	17	1640.000	1602.000	1127
3	1	54.4	17	-	-	1604
4	3	89.3	17	1868.000	1205.000	1703
5	1	65.2	17	-	-	1777
6	1	66.4	17	-	-	1574
7	1	55.6	17	-	-	1474
8	1	64.9	17	-	-	1086
9	2	74.3	17	1022.000	-	1570
10	3	94.7	17	1410.000	1691.000	1636
11	1	52.3	17	-	-	1620
12	1	62.8	17	-	-	1355
13	2	80.2	17	1206.000	-	1076
14	3	99.5	17	1972.000	1517.000	1292
15	1	57.8	17	-	-	1261
16	2	75.1	17	1118.000	-	1259
17	1	64.2	17	-	-	1796
18	2	82.5	17	1387.000	-	1398
19						
20						

Trial Number:			20			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	87.7	20	1194	1336	1219
2	1	55.1	20	-	-	1449
3	1	61.1	20	-	-	1229
4	2	81	20	1571	-	1468
5	3	94.5	20	1672	1552	1561
6	1	50.1	20	-	-	1016
7	2	71.9	20	1522	-	1709
8	3	97.4	20	1298	1827	1755
9	1	62.6	20	-	-	1847
10	3	98.6	20	1828	1761	1004
11	3	99.6	20	1747	1065	1068
12	3	91.2	20	1727	1873	1969
13	2	76.9	20	1225	-	1202
14	2	82.8	20	1294	-	1739
15	3	89.9	20	1624	1583	1783
16	3	99.1	20	1977	1876	1320
17	3	97.2	20	1780	1984	1132
18	1	66.6	20	-	-	1716
19	2	73.7	20	1483	-	1904
20	3	90.1	20	1816	1770	1116

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

Trial Number:			21			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	94.9	20	1005	1443	1553
2	3	83.5	20	1260	1428	1379
3	3	84.3	20	1446	1296	1584
4	1	56	20	-	-	1134
5	1	58.6	20	-	-	1009
6	1	62.2	20	-	-	1669
7	2	73.1	20	1033	-	1105
8	2	72.1	20	1460	-	1146
9	2	70.2	20	1297	-	1145
10	1	57.1	20	-	-	1048
11	1	58.1	20	-	-	1185
12	2	76.6	20	1710	-	1232
13	3	86.7	20	1901	1056	1729
14	1	64.6	20	-	-	1635
15	3	93.8	20	1153	1926	1332
16	2	67.3	20	1630	-	1330
17	1	51.7	20	-	-	1252
18	2	80.4	20	1903	-	1023
19	3	91.1	20	1454	1479	1779
20	1	54.2	20	-	-	1617

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	67.3	19	1557	-	1078
2	2	67.9	19	1123	-	1034
3	1	53.7	19	-	-	1489
4	1	57.1	19	-	-	1582
5	1	65.3	19	-	-	1942
6	2	83.1	19	1228	-	1774
7	2	67.7	19	1909	-	1541
8	2	69.5	19	1555	-	1341
9	2	72.9	19	1230	-	1682
10	2	81.1	19	1235	-	1255
11	1	52.3	19	-	-	1990
12	3	91.2	19	1782	1258	1437
13	1	51.4	19	-	-	1191
14	2	74.2	19	1996	-	1412
15	3	87.7	19	1501	1785	1760
16	1	54.1	19	-	-	1786
17	2	70.9	19	1374	-	1592
18	1	55	19	-	-	1718
19	2	72.4	19	1908	-	1961
20						

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

Trial Number:			23			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	2	82.3	14	1615	-	1358
2	2	77.1	14	1312	-	1026
3	3	99.9	14	1666	1011	1475
4	2	77.1	14	1462	-	1069
5	1	55.4	14	-	-	1627
6	3	90.4	14	1700	1921	1607
7	2	73	14	1905	-	1792
8	1	54.4	14	-	-	1778
9	1	62.2	14	-	-	1433
10	3	89.1	14	1546	1687	1331
11	2	72.6	14	1886	-	1218
12	3	97.4	14	1112	1099	1408
13	2	66.8	14	1067	-	1805
14	2	75.5	14	1958	-	1471
15	2	69.5	14	1513	-	1851
16						
17						
18						
19						
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	72.7	17	1375	-	1369
2	2	77	17	1806	-	1012
3	2	79.7	17	1658	-	1914
4	2	77.2	17	1186	-	1916
5	3	90.8	17	1499	1485	1393
6	2	75.5	17	1644	-	1469
7	3	94.6	17	1622	1623	1326
8	1	53.6	17	-	-	1496
9	3	99.2	17	1396	1407	1927
10	3	89.1	17	1028	1050	1664
11	1	54.8	17	-	-	1954
12	2	66.9	17	1563	-	1197
13	2	75.2	17	1764	-	1861
14	1	62.4	17	-	-	1841
15	2	77	17	1041	-	1649
16	3	89.6	17	1646	1945	1934
17	3	96.4	17	1721	1242	1390
18	3	96.7	17	1245	1452	1457
19						
20						

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

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	57.9	16	-	-	1445
2	1	58.8	16	-	-	1256
3	2	77.2	16	1421	-	1629
4	2	67.5	16	1808	-	1055
5	3	90.8	16	1072	1704	1361
6	3	98.4	16	1801	1598	1363
7	2	66.7	16	1301	-	1174
8	3	92.4	16	1266	1503	1537
9	2	78.6	16	1166	-	1524
10	1	55.4	16	-	-	1717
11	2	80.5	16	1970	-	1031
12	1	50.3	16	-	-	1667
13	3	83.8	16	1458	1634	1506
14	3	85.5	16	1507	1267	1113
15	1	65.6	16	-	-	1647
16	2	81.9	16	1917	-	1948
17	1	51.4	16	-	-	1940
18						
19						
20						

Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	60.7	9	-	-	1182
2	2	74.4	9	1673	-	1329
3	3	93.8	9	1403	1929	1097
4	1	64.3	9	-	-	1213
5	3	97	9	1951	1195	1285
6	3	87.8	9	1688	1327	1081
7	2	73.5	9	1024	-	1971
8	1	50.6	9	-	-	1638
9	3	88	9	1451	1939	1533
10	1	50.5	9	-	-	1585
11	2	73.4	9	1036	-	1690
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80+80MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	97.9	6	1795	1221	1890
2	3	92	6	1337	1588	1766
3	3	85.3	6	1397	1293	1429
4	3	99.5	6	1922	1280	1633
5	2	76.2	6	1129	-	1124
6	1	50.6	6	-	-	1995
7	1	58.8	6	-	-	1170
8	2	66.7	6	1150	-	1788
9	3	92.3	6	1381	1159	1540
10						
11						
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17						
18						
19						
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Trial Number:			28			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	1	55.1	14	-	-	1376
2	3	86.2	14	1699	1736	1063
3	2	81.4	14	1952	-	1742
4	1	60.4	14	-	-	1199
5	3	98.5	14	1431	1426	1889
6	3	96.9	14	1750	1915	1656
7	3	89.1	14	1573	1959	1441
8	2	73.1	14	1394	-	1173
9	3	98.8	14	1832	1299	1309
10	1	55.3	14	-	-	1577
11	2	69.4	14	1509	-	1464
12	1	51.3	14	-	-	1352
13	3	93.3	14	1481	1290	1196
14	1	61	14	-	-	1338
15	1	66.3	14	-	-	1998
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17						
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80+80MHz

Trial Number:			29			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	1	65.1	13	-	-	1155
2	1	52.6	13	-	-	1240
3	2	82.4	13	1392	-	1572
4	1	61	13	-	-	1246
5	2	71.1	13	1683	-	1925
6	1	53.7	13	-	-	1692
7	2	66.9	13	1609	-	1084
8	1	52.8	13	-	-	1679
9	3	97.8	13	1208	1547	1115
10	3	93.3	13	1965	1310	1937
11	3	94.5	13	1141	1797	1960
12	3	86.6	13	1963	1744	1350
13	2	70.2	13	1686	-	1776
14	2	81.1	13	1021	-	1837
15	2	74.2	13	1762	-	1382
16						
17						
18						
19						
20						

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	83.1	16	1335	-	1128
2	2	76.7	16	1187	-	1793
3	3	99	16	1838	1157	1264
4	3	89.6	16	1759	1535	1842
5	3	96.3	16	1314	1486	1045
6	2	74.5	16	1204	-	1032
7	3	93.1	16	1060	1655	1102
8	2	83.3	16	1168	-	1802
9	1	65.9	16	-	-	1811
10	1	50.1	16	-	-	1814
11	3	98.7	16	1109	1781	1829
12	1	50.3	16	-	-	1423
13	1	51.8	16	-	-	1354
14	2	82.6	16	1414	-	1488
15	2	81.2	16	1318	-	1030
16	2	72.1	16	1163	-	1306
17	1	54.6	16	-	-	1054
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19						
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DFS Radar Parameters
FCC Radar Type 1
Channel 58 Bandwidth 80MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	1193.32	838	Y
2	8	1519.76	658	Y
3	1	1930.50	518	Y
4	18	1165.50	858	Y
5	11	1392.76	718	Y
6	12	1355.01	738	Y
7	5	1672.24	598	N
8	9	1474.93	678	Y
9	7	1567.40	638	Y
10	2	1858.74	538	Y
11	14	1285.35	778	Y
12	21	1089.32	918	Y
13	22	1066.10	938	Y
14	12	326.16	3066	Y
15	15	1253.13	798	Y
16		986.19	1014	Y
17		460.62	2171	Y
18		1038.42	963	Y
19		1076.43	929	Y
20		777.00	1287	Y
21		419.64	2383	Y
22		838.22	1193	Y
23		434.78	2300	Y
24		1259.45	794	Y
25		477.33	2095	Y
26		1814.88	551	Y
27		442.28	2261	Y
28		372.30	2686	Y
29		331.24	3019	Y
30		1088.14	919	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	26	2.90	221	Y
2	25	2.50	215	Y
3	28	4.40	189	Y
4	27	3.50	175	Y
5	28	3.90	208	Y
6	28	4.10	182	Y
7	29	5.00	225	N
8	26	2.90	187	Y
9	24	2.00	179	Y
10	27	3.40	217	Y
11	28	4.30	211	N
12	25	2.70	192	Y
13	26	3.00	214	Y
14	25	2.40	207	Y
15	27	3.60	174	Y
16	25	2.20	164	Y
17	24	1.80	197	Y
18	25	2.50	218	Y
19	28	4.20	205	Y
20	29	5.00	209	Y
21	29	4.90	185	Y
22	29	4.60	224	Y
23	27	3.30	159	N
24	28	4.20	171	Y
25	28	4.00	181	Y
26	25	2.20	198	Y
27	23	1.30	195	Y
28	27	3.40	173	Y
29	26	3.20	191	Y
30	28	4.00	186	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	7.90	275	Y
2	17	7.50	373	Y
3	18	9.40	312	Y
4	17	8.50	336	Y
5	18	8.90	429	Y
6	18	9.10	242	Y
7	18	10.00	265	Y
8	17	7.90	424	Y
9	16	7.00	442	Y
10	17	8.40	378	Y
11	18	9.30	494	Y
12	17	7.70	293	Y
13	17	8.00	364	Y
14	17	7.40	478	Y
15	17	8.60	341	Y
16	16	7.20	306	Y
17	16	6.80	468	Y
18	17	7.50	313	Y
19	18	9.20	345	Y
20	18	10.00	484	Y
21	18	9.90	310	Y
22	18	9.60	473	Y
23	17	8.30	210	Y
24	18	9.20	346	Y
25	18	9.00	461	Y
26	16	7.20	411	Y
27	16	6.30	266	Y
28	17	8.40	377	Y
29	17	8.20	402	Y
30	18	9.00	420	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.20	275	Y
2	13	14.40	373	Y
3	16	18.70	312	Y
4	15	16.50	336	Y
5	15	17.60	429	Y
6	15	17.90	242	Y
7	16	20.00	265	Y
8	14	15.20	424	Y
9	13	13.30	442	Y
10	14	16.40	378	Y
11	16	18.30	494	Y
12	14	14.70	293	Y
13	14	15.60	364	N
14	13	14.20	478	Y
15	15	16.70	341	Y
16	13	13.70	306	Y
17	13	12.80	468	Y
18	13	14.30	313	Y
19	16	18.30	345	Y
20	16	19.90	484	Y
21	16	19.60	310	Y
22	16	19.00	473	Y
23	14	16.30	210	Y
24	16	18.20	346	Y
25	15	17.60	461	Y
26	13	13.70	411	Y
27	12	11.80	266	Y
28	14	16.30	377	Y
29	14	16.00	402	Y
30	15	17.70	420	Y

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	73.3	12	1317	-	1575
2	2	69	12	1826	-	1018
3	3	92.7	12	1566	1693	1715
4	2	80.5	12	1062	-	1442
5	3	86.5	12	2000	1565	1544
6	3	88	12	1360	1907	1596
7	3	100	12	1856	1618	1138
8	2	73.4	12	1497	-	1671
9	1	62.7	12	-	-	1578
10	2	79.9	12	1935	-	1094
11	3	90.4	12	1482	1843	1946
12	2	70.8	12	1576	-	1119
13	2	75.5	12	1820	-	1885
14	2	67.9	12	1910	-	1142
15						
16						
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	81.8	11	1738	-	1279
2	1	65.2	11	-	-	1085
3	1	60	11	-	-	1494
4	2	68.3	11	1222	-	1512
5	3	90.2	11	1288	1730	1923
6	3	99.3	11	1365	1125	1051
7	3	97.7	11	1675	1660	1212
8	3	94.3	11	1430	1311	1835
9	2	79.3	11	1734	-	1042
10	3	90.1	11	1074	1597	1637
11	3	86.7	11	1447	1117	1874
12	1	65.1	11	-	-	1812
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5290			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	54.8	18	-	-	1402
2	2	79.5	18	1286	-	1343
3	2	77.8	18	1275	-	1111
4	3	87.2	18	1881	1887	1413
5	2	77.3	18	1383	-	1950
6	3	96.5	18	1527	1731	1769
7	1	59.8	18	-	-	1061
8	2	82.6	18	1531	-	1809
9	1	62.2	18	-	-	1979
10	1	60.7	18	-	-	1918
11	3	99.4	18	1987	1714	1568
12	1	64.3	18	-	-	1599
13	2	68.9	18	1172	-	1490
14	2	76.1	18	1110	-	1606
15	2	73.8	18	1880	-	1438
16	3	95	18	1613	1870	1302
17	2	82.1	18	1122	-	1725
18	3	96.8	18	1707	1120	1389
19	2	79	18	1201	-	1247
20						

Trial Number:			4			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	2	71.2	14	1930	-	1735
2	2	68.9	14	1003	-	1039
3	1	50.5	14	-	-	1595
4	2	74.2	14	1470	-	1790
5	2	67.7	14	1943	-	1244
6	2	70.7	14	1049	-	1746
7	1	56	14	-	-	1941
8	3	84.5	14	1303	1696	1924
9	3	89.4	14	1648	1542	1007
10	1	55	14	-	-	1156
11	2	79.1	14	1591	-	1863
12	3	89.8	14	1420	1130	1865
13	1	52.6	14	-	-	1037
14	3	93.9	14	1215	1133	1981
15	2	71.4	14	1536	-	1603
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DFS Radar Parameters
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Channel 58 Bandwidth 80MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	83.1	16	1708	-	1845
2	2	70.4	16	1665	-	1626
3	3	95.6	16	1611	1784	1250
4	2	75.5	16	1593	-	1378
5	1	52.6	16	-	-	1768
6	3	94	16	1997	1087	1198
7	1	61	16	-	-	1641
8	3	93	16	1006	1238	1372
9	1	55.6	16	-	-	1732
10	2	71.1	16	1772	-	1370
11	1	65.9	16	-	-	1532
12	3	95.8	16	1728	1964	1114
13	3	99.5	16	1836	1059	1075
14	1	64.1	16	-	-	1321
15	2	75.5	16	1853	-	1020
16	1	52.6	16	-	-	1919
17	1	62.1	16	-	-	1193
18						
19						
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	82.5	17	1505	-	1289
2	1	61.1	17	-	-	1487
3	1	65.4	17	-	-	1080
4	3	96.3	17	1165	1980	1058
5	1	54.3	17	-	-	1388
6	1	55.2	17	-	-	1894
7	1	60.1	17	-	-	1096
8	1	66.5	17	-	-	1380
9	2	71.2	17	1551	-	1461
10	1	62	17	-	-	1366
11	2	70.5	17	1938	-	1975
12	2	77.5	17	1073	-	1519
13	2	83.2	17	1010	-	1556
14	2	70.9	17	1879	-	1962
15	3	96.8	17	1144	1530	1177
16	2	70.5	17	1628	-	1147
17	3	97.5	17	1639	1684	1719
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			7			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	93	20	1543	1967	1498
2	1	53.3	20	-	-	1448
3	3	99.5	20	1136	1070	1807
4	1	56.5	20	-	-	1794
5	3	94.2	20	1681	1862	1740
6	3	85.1	20	1257	1652	1724
7	1	60.2	20	-	-	1902
8	2	75.9	20	1989	-	1875
9	3	94.9	20	1323	1351	1933
10	1	53.1	20	-	-	1803
11	1	51.7	20	-	-	1315
12	2	74.9	20	1663	-	1813
13	1	56.6	20	-	-	1824
14	2	70.3	20	1121	-	1869
15	1	63.9	20	-	-	1685
16	1	52.3	20	-	-	1224
17	2	66.9	20	1328	-	1071
18	1	57.3	20	-	-	1749
19	3	91.5	20	1272	1281	1015
20	2	78.4	20	1659	-	1017

Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	75.2	12	1892	-	1586
2	2	78.7	12	1819	-	1268
3	1	65.1	12	-	-	1697
4	3	85.4	12	1473	1616	1567
5	1	59	12	-	-	1160
6	2	81.4	12	1823	-	1737
7	2	81.9	12	1983	-	1325
8	3	90.6	12	1271	1291	1270
9	1	65.5	12	-	-	1857
10	2	72.5	12	1514	-	1872
11	1	50.2	12	-	-	1834
12	2	69.1	12	1492	-	1538
13	2	75.3	12	1237	-	1126
14	1	51.9	12	-	-	1169
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	71.2	9	1840	-	1095
2	2	72.1	9	1993	-	1108
3	1	53.2	9	-	-	1455
4	1	55.6	9	-	-	1846
5	3	88.3	9	1465	1610	1425
6	2	76	9	1324	-	1913
7	1	55.2	9	-	-	1179
8	2	70.3	9	1680	-	1928
9	1	59.5	9	-	-	1287
10	1	52.1	9	-	-	1002
11	1	58.3	9	-	-	1263
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Trial Number:			10			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	91.6	14	1789	1859	1104
2	1	64.6	14	-	-	1580
3	3	91.7	14	1713	1651	1893
4	1	56.5	14	-	-	1422
5	2	75.1	14	1891	-	1799
6	1	66.2	14	-	-	1162
7	1	63.6	14	-	-	1899
8	1	55.2	14	-	-	1345
9	3	92.1	14	1817	1427	1992
10	2	72.3	14	1432	-	1233
11	1	64.2	14	-	-	1316
12	3	88.3	14	1214	1200	1678
13	1	64	14	-	-	1559
14	3	97.5	14	1545	1304	1884
15	1	62.8	14	-	-	1406
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	53.1	17	-	-	1504
2	2	69.7	17	1167	-	1752
3	1	60.4	17	-	-	1158
4	2	72.4	17	1064	-	1043
5	1	52.9	17	-	-	1282
6	2	82.7	17	1550	-	1463
7	3	99.7	17	1089	2000	1440
8	1	54.7	17	-	-	1674
9	3	99.2	17	1181	1771	1276
10	3	91.9	17	1154	1243	1014
11	3	99.2	17	1848	1968	1171
12	1	61.3	17	-	-	1493
13	2	69	17	1319	-	1092
14	1	65.5	17	-	-	1973
15	2	73.1	17	1867	-	1411
16	1	54.8	17	-	-	1052
17	2	69.2	17	1619	-	1284
18	1	63	17	-	-	1587
19						
20						

Trial Number:			12			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	2	77.1	77.1	1720	-	1864
2	2	67.5	67.5	1833	-	1825
3	2	66.7	66.7	1476	-	1207
4	3	90.3	90.3	1391	1419	1560
5	3	84	84	1897	1057	1689
6	3	90.4	90.4	1434	1956	1348
7	1	56.2	56.2	-	-	1569
8	3	86.6	86.6	1985	1435	1178
9	1	63.9	63.9	-	-	1525
10	2	83.2	83.2	1558	-	1053
11	2	79.7	79.7	1405	-	1898
12	1	56.9	56.9	-	-	1093
13	3	83.8	83.8	1223	1850	1044
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DFS Radar Parameters
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	89.2	13	1539	1866	1854
2	1	58.1	13	-	-	1871
3	2	75.4	13	1756	-	1518
4	2	72.9	13	1743	-	1001
5	3	85.6	13	1502	1209	1775
6	1	59.9	13	-	-	1657
7	3	87.2	13	1339	1601	1625
8	3	99.2	13	1210	1029	1745
9	2	75.7	13	1295	-	1090
10	3	91.9	13	1911	1135	1957
11	1	59.9	13	-	-	1858
12	3	92.6	13	1248	1988	1459
13	1	64.7	13	-	-	1189
14	2	75.9	13	1395	-	1192
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	54.9	10	-	-	1650
2	3	94.6	10	1949	1495	1632
3	3	89.8	10	1176	1385	1600
4	2	69	10	1787	-	1253
5	2	67.4	10	1027	-	1763
6	3	95	10	1231	1046	1695
7	2	75.2	10	1409	-	1040
8	3	87	10	1175	1400	1436
9	2	80	10	1399	-	1815
10	3	96.1	10	1484	1741	1143
11	1	62.9	10	-	-	1283
12	3	85.7	10	1999	1726	1357
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DFS Radar Parameters
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	70	15	1944	-	1373
2	1	66.2	15	-	-	1478
3	1	66.3	15	-	-	1415
4	2	68.8	15	1529	-	1404
5	1	66.5	15	-	-	1164
6	2	75	15	1818	-	1520
7	3	92.2	15	1013	1932	1994
8	1	58	15	-	-	1417
9	1	60	15	-	-	1748
10	1	53.2	15	-	-	1254
11	3	93.6	15	1608	1364	1047
12	3	92.6	15	1698	1088	1137
13	3	87.6	15	1340	1274	1839
14	3	95	15	1236	1712	1661
15	2	82.1	15	1251	-	1353
16	1	63.8	15	-	-	1211
17						
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	51.3	9	-	-	1767
2	2	75.6	9	1367	-	1947
3	1	56.8	9	-	-	1278
4	3	97.7	9	1216	1831	1798
5	2	69.3	9	1082	-	1313
6	1	64.4	9	-	-	1564
7	1	51.2	9	-	-	1733
8	3	92.1	9	1754	1000	1590
9	2	74.1	9	1936	-	1706
10	1	64.2	9	-	-	1523
11	1	62.2	9	-	-	1101
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	62	8	-	-	1751
2	1	58.5	8	-	-	1723
3	1	52.2	8	-	-	1830
4	2	78.1	8	1562	-	1249
5	2	79.4	8	1079	-	1860
6	1	60	8	-	-	1083
7	3	99.9	8	1347	1645	1269
8	3	89.9	8	1642	1148	1986
9	2	71	8	1773	-	1510
10	2	82.9	8	1151	-	1605
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	56.9	10	-	-	1377
2	2	75.4	10	1554	-	1025
3	3	84.9	10	1333	1765	1368
4	1	50.3	10	-	-	1791
5	1	56.6	10	-	-	1896
6	1	65.9	10	-	-	1991
7	1	51.7	10	-	-	1612
8	1	50.9	10	-	-	1511
9	3	97.2	10	1883	1349	1203
10	2	81.4	10	1300	-	1371
11	2	72.4	10	1631	-	1966
12	1	62.9	10	-	-	1757
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	61.4	17	-	-	1882
2	3	85.6	17	1640.000	1602.000	1127
3	1	54.4	17	-	-	1604
4	3	89.3	17	1868.000	1205.000	1703
5	1	65.2	17	-	-	1777
6	1	66.4	17	-	-	1574
7	1	55.6	17	-	-	1474
8	1	64.9	17	-	-	1086
9	2	74.3	17	1022.000	-	1570
10	3	94.7	17	1410.000	1691.000	1636
11	1	52.3	17	-	-	1620
12	1	62.8	17	-	-	1355
13	2	80.2	17	1206.000	-	1076
14	3	99.5	17	1972.000	1517.000	1292
15	1	57.8	17	-	-	1261
16	2	75.1	17	1118.000	-	1259
17	1	64.2	17	-	-	1796
18	2	82.5	17	1387.000	-	1398
19						
20						

Trial Number:			20			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	87.7	20	1194	1336	1219
2	1	55.1	20	-	-	1449
3	1	61.1	20	-	-	1229
4	2	81	20	1571	-	1468
5	3	94.5	20	1672	1552	1561
6	1	50.1	20	-	-	1016
7	2	71.9	20	1522	-	1709
8	3	97.4	20	1298	1827	1755
9	1	62.6	20	-	-	1847
10	3	98.6	20	1828	1761	1004
11	3	99.6	20	1747	1065	1068
12	3	91.2	20	1727	1873	1969
13	2	76.9	20	1225	-	1202
14	2	82.8	20	1294	-	1739
15	3	89.9	20	1624	1583	1783
16	3	99.1	20	1977	1876	1320
17	3	97.2	20	1780	1984	1132
18	1	66.6	20	-	-	1716
19	2	73.7	20	1483	-	1904
20	3	90.1	20	1816	1770	1116

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

Trial Number:			21			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	94.9	20	1005	1443	1553
2	3	83.5	20	1260	1428	1379
3	3	84.3	20	1446	1296	1584
4	1	56	20	-	-	1134
5	1	58.6	20	-	-	1009
6	1	62.2	20	-	-	1669
7	2	73.1	20	1033	-	1105
8	2	72.1	20	1460	-	1146
9	2	70.2	20	1297	-	1145
10	1	57.1	20	-	-	1048
11	1	58.1	20	-	-	1185
12	2	76.6	20	1710	-	1232
13	3	86.7	20	1901	1056	1729
14	1	64.6	20	-	-	1635
15	3	93.8	20	1153	1926	1332
16	2	67.3	20	1630	-	1330
17	1	51.7	20	-	-	1252
18	2	80.4	20	1903	-	1023
19	3	91.1	20	1454	1479	1779
20	1	54.2	20	-	-	1617

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	67.3	19	1557	-	1078
2	2	67.9	19	1123	-	1034
3	1	53.7	19	-	-	1489
4	1	57.1	19	-	-	1582
5	1	65.3	19	-	-	1942
6	2	83.1	19	1228	-	1774
7	2	67.7	19	1909	-	1541
8	2	69.5	19	1555	-	1341
9	2	72.9	19	1230	-	1682
10	2	81.1	19	1235	-	1255
11	1	52.3	19	-	-	1990
12	3	91.2	19	1782	1258	1437
13	1	51.4	19	-	-	1191
14	2	74.2	19	1996	-	1412
15	3	87.7	19	1501	1785	1760
16	1	54.1	19	-	-	1786
17	2	70.9	19	1374	-	1592
18	1	55	19	-	-	1718
19	2	72.4	19	1908	-	1961
20						

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

Trial Number:			23			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	2	82.3	14	1615	-	1358
2	2	77.1	14	1312	-	1026
3	3	99.9	14	1666	1011	1475
4	2	77.1	14	1462	-	1069
5	1	55.4	14	-	-	1627
6	3	90.4	14	1700	1921	1607
7	2	73	14	1905	-	1792
8	1	54.4	14	-	-	1778
9	1	62.2	14	-	-	1433
10	3	89.1	14	1546	1687	1331
11	2	72.6	14	1886	-	1218
12	3	97.4	14	1112	1099	1408
13	2	66.8	14	1067	-	1805
14	2	75.5	14	1958	-	1471
15	2	69.5	14	1513	-	1851
16						
17						
18						
19						
20						

Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	72.7	17	1375	-	1369
2	2	77	17	1806	-	1012
3	2	79.7	17	1658	-	1914
4	2	77.2	17	1186	-	1916
5	3	90.8	17	1499	1485	1393
6	2	75.5	17	1644	-	1469
7	3	94.6	17	1622	1623	1326
8	1	53.6	17	-	-	1496
9	3	99.2	17	1396	1407	1927
10	3	89.1	17	1028	1050	1664
11	1	54.8	17	-	-	1954
12	2	66.9	17	1563	-	1197
13	2	75.2	17	1764	-	1861
14	1	62.4	17	-	-	1841
15	2	77	17	1041	-	1649
16	3	89.6	17	1646	1945	1934
17	3	96.4	17	1721	1242	1390
18	3	96.7	17	1245	1452	1457
19						
20						

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

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	57.9	16	-	-	1445
2	1	58.8	16	-	-	1256
3	2	77.2	16	1421	-	1629
4	2	67.5	16	1808	-	1055
5	3	90.8	16	1072	1704	1361
6	3	98.4	16	1801	1598	1363
7	2	66.7	16	1301	-	1174
8	3	92.4	16	1266	1503	1537
9	2	78.6	16	1166	-	1524
10	1	55.4	16	-	-	1717
11	2	80.5	16	1970	-	1031
12	1	50.3	16	-	-	1667
13	3	83.8	16	1458	1634	1506
14	3	85.5	16	1507	1267	1113
15	1	65.6	16	-	-	1647
16	2	81.9	16	1917	-	1948
17	1	51.4	16	-	-	1940
18						
19						
20						

Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	60.7	9	-	-	1182
2	2	74.4	9	1673	-	1329
3	3	93.8	9	1403	1929	1097
4	1	64.3	9	-	-	1213
5	3	97	9	1951	1195	1285
6	3	87.8	9	1688	1327	1081
7	2	73.5	9	1024	-	1971
8	1	50.6	9	-	-	1638
9	3	88	9	1451	1939	1533
10	1	50.5	9	-	-	1585
11	2	73.4	9	1036	-	1690
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	97.9	6	1795	1221	1890
2	3	92	6	1337	1588	1766
3	3	85.3	6	1397	1293	1429
4	3	99.5	6	1922	1280	1633
5	2	76.2	6	1129	-	1124
6	1	50.6	6	-	-	1995
7	1	58.8	6	-	-	1170
8	2	66.7	6	1150	-	1788
9	3	92.3	6	1381	1159	1540
10						
11						
12						
13						
14						
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16						
17						
18						
19						
20						

Trial Number:			28			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	1	55.1	14	-	-	1376
2	3	86.2	14	1699	1736	1063
3	2	81.4	14	1952	-	1742
4	1	60.4	14	-	-	1199
5	3	98.5	14	1431	1426	1889
6	3	96.9	14	1750	1915	1656
7	3	89.1	14	1573	1959	1441
8	2	73.1	14	1394	-	1173
9	3	98.8	14	1832	1299	1309
10	1	55.3	14	-	-	1577
11	2	69.4	14	1509	-	1464
12	1	51.3	14	-	-	1352
13	3	93.3	14	1481	1290	1196
14	1	61	14	-	-	1338
15	1	66.3	14	-	-	1998
16						
17						
18						
19						
20						

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

Trial Number:			29			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	1	65.1	13	-	-	1155
2	1	52.6	13	-	-	1240
3	2	82.4	13	1392	-	1572
4	1	61	13	-	-	1246
5	2	71.1	13	1683	-	1925
6	1	53.7	13	-	-	1692
7	2	66.9	13	1609	-	1084
8	1	52.8	13	-	-	1679
9	3	97.8	13	1208	1547	1115
10	3	93.3	13	1965	1310	1937
11	3	94.5	13	1141	1797	1960
12	3	86.6	13	1963	1744	1350
13	2	70.2	13	1686	-	1776
14	2	81.1	13	1021	-	1837
15	2	74.2	13	1762	-	1382
16						
17						
18						
19						
20						

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	83.1	16	1335	-	1128
2	2	76.7	16	1187	-	1793
3	3	99	16	1838	1157	1264
4	3	89.6	16	1759	1535	1842
5	3	96.3	16	1314	1486	1045
6	2	74.5	16	1204	-	1032
7	3	93.1	16	1060	1655	1102
8	2	83.3	16	1168	-	1802
9	1	65.9	16	-	-	1811
10	1	50.1	16	-	-	1814
11	3	98.7	16	1109	1781	1829
12	1	50.3	16	-	-	1423
13	1	51.8	16	-	-	1354
14	2	82.6	16	1414	-	1488
15	2	81.2	16	1318	-	1030
16	2	72.1	16	1163	-	1306
17	1	54.6	16	-	-	1054
18						
19						
20						

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	17	1193.32	838	Y
2	8	1519.76	658	Y
3	1	1930.50	518	Y
4	18	1165.50	858	Y
5	11	1392.76	718	Y
6	12	1355.01	738	Y
7	5	1672.24	598	Y
8	9	1474.93	678	Y
9	7	1567.40	638	Y
10	2	1858.74	538	Y
11	14	1285.35	778	Y
12	21	1089.32	918	Y
13	22	1066.10	938	Y
14	12	326.16	3066	N
15	15	1253.13	798	Y
16		986.19	1014	Y
17		460.62	2171	Y
18		1038.42	963	Y
19		1076.43	929	Y
20		777.00	1287	Y
21		419.64	2383	Y
22		838.22	1193	N
23		434.78	2300	Y
24		1259.45	794	Y
25		477.33	2095	Y
26		1814.88	551	Y
27		442.28	2261	Y
28		372.30	2686	Y
29		331.24	3019	Y
30		1088.14	919	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	26	2.90	221	Y
2	25	2.50	215	N
3	28	4.40	189	Y
4	27	3.50	175	Y
5	28	3.90	208	Y
6	28	4.10	182	Y
7	29	5.00	225	Y
8	26	2.90	187	Y
9	24	2.00	179	Y
10	27	3.40	217	Y
11	28	4.30	211	Y
12	25	2.70	192	Y
13	26	3.00	214	N
14	25	2.40	207	Y
15	27	3.60	174	Y
16	25	2.20	164	Y
17	24	1.80	197	Y
18	25	2.50	218	Y
19	28	4.20	205	Y
20	29	5.00	209	N
21	29	4.90	185	Y
22	29	4.60	224	Y
23	27	3.30	159	N
24	28	4.20	171	Y
25	28	4.00	181	Y
26	25	2.20	198	N
27	23	1.30	195	Y
28	27	3.40	173	Y
29	26	3.20	191	Y
30	28	4.00	186	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	17	7.90	275	Y
2	17	7.50	373	Y
3	18	9.40	312	Y
4	17	8.50	336	Y
5	18	8.90	429	Y
6	18	9.10	242	Y
7	18	10.00	265	Y
8	17	7.90	424	Y
9	16	7.00	442	Y
10	17	8.40	378	Y
11	18	9.30	494	Y
12	17	7.70	293	Y
13	17	8.00	364	Y
14	17	7.40	478	Y
15	17	8.60	341	Y
16	16	7.20	306	Y
17	16	6.80	468	Y
18	17	7.50	313	Y
19	18	9.20	345	Y
20	18	10.00	484	Y
21	18	9.90	310	N
22	18	9.60	473	Y
23	17	8.30	210	Y
24	18	9.20	346	Y
25	18	9.00	461	Y
26	16	7.20	411	Y
27	16	6.30	266	N
28	17	8.40	377	N
29	17	8.20	402	Y
30	18	9.00	420	Y

DFS Radar Parameters
FCC Radar Type 4
Channel 60 Bandwidth 20MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.20	275	Y
2	13	14.40	373	Y
3	16	18.70	312	Y
4	15	16.50	336	Y
5	15	17.60	429	Y
6	15	17.90	242	Y
7	16	20.00	265	Y
8	14	15.20	424	Y
9	13	13.30	442	Y
10	14	16.40	378	Y
11	16	18.30	494	Y
12	14	14.70	293	Y
13	14	15.60	364	Y
14	13	14.20	478	N
15	15	16.70	341	Y
16	13	13.70	306	N
17	13	12.80	468	Y
18	13	14.30	313	Y
19	16	18.30	345	N
20	16	19.90	484	Y
21	16	19.60	310	Y
22	16	19.00	473	Y
23	14	16.30	210	Y
24	16	18.20	346	Y
25	15	17.60	461	N
26	13	13.70	411	Y
27	12	11.80	266	Y
28	14	16.30	377	Y
29	14	16.00	402	Y
30	15	17.70	420	Y

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	73.3	12	1317	-	1575
2	2	69	12	1826	-	1018
3	3	92.7	12	1566	1693	1715
4	2	80.5	12	1062	-	1442
5	3	86.5	12	2000	1565	1544
6	3	88	12	1360	1907	1596
7	3	100	12	1856	1618	1138
8	2	73.4	12	1497	-	1671
9	1	62.7	12	-	-	1578
10	2	79.9	12	1935	-	1094
11	3	90.4	12	1482	1843	1946
12	2	70.8	12	1576	-	1119
13	2	75.5	12	1820	-	1885
14	2	67.9	12	1910	-	1142
15						
16						
17						
18						
19						
20						

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	81.8	11	1738	-	1279
2	1	65.2	11	-	-	1085
3	1	60	11	-	-	1494
4	2	68.3	11	1222	-	1512
5	3	90.2	11	1288	1730	1923
6	3	99.3	11	1365	1125	1051
7	3	97.7	11	1675	1660	1212
8	3	94.3	11	1430	1311	1835
9	2	79.3	11	1734	-	1042
10	3	90.1	11	1074	1597	1637
11	3	86.7	11	1447	1117	1874
12	1	65.1	11	-	-	1812
13						
14						
15						
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17						
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5300			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	54.8	18	-	-	1402
2	2	79.5	18	1286	-	1343
3	2	77.8	18	1275	-	1111
4	3	87.2	18	1881	1887	1413
5	2	77.3	18	1383	-	1950
6	3	96.5	18	1527	1731	1769
7	1	59.8	18	-	-	1061
8	2	82.6	18	1531	-	1809
9	1	62.2	18	-	-	1979
10	1	60.7	18	-	-	1918
11	3	99.4	18	1987	1714	1568
12	1	64.3	18	-	-	1599
13	2	68.9	18	1172	-	1490
14	2	76.1	18	1110	-	1606
15	2	73.8	18	1880	-	1438
16	3	95	18	1613	1870	1302
17	2	82.1	18	1122	-	1725
18	3	96.8	18	1707	1120	1389
19	2	79	18	1201	-	1247
20						

Trial Number:			4			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	2	71.2	14	1930	-	1735
2	2	68.9	14	1003	-	1039
3	1	50.5	14	-	-	1595
4	2	74.2	14	1470	-	1790
5	2	67.7	14	1943	-	1244
6	2	70.7	14	1049	-	1746
7	1	56	14	-	-	1941
8	3	84.5	14	1303	1696	1924
9	3	89.4	14	1648	1542	1007
10	1	55	14	-	-	1156
11	2	79.1	14	1591	-	1863
12	3	89.8	14	1420	1130	1865
13	1	52.6	14	-	-	1037
14	3	93.9	14	1215	1133	1981
15	2	71.4	14	1536	-	1603
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Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	83.1	16	1708	-	1845
2	2	70.4	16	1665	-	1626
3	3	95.6	16	1611	1784	1250
4	2	75.5	16	1593	-	1378
5	1	52.6	16	-	-	1768
6	3	94	16	1997	1087	1198
7	1	61	16	-	-	1641
8	3	93	16	1006	1238	1372
9	1	55.6	16	-	-	1732
10	2	71.1	16	1772	-	1370
11	1	65.9	16	-	-	1532
12	3	95.8	16	1728	1964	1114
13	3	99.5	16	1836	1059	1075
14	1	64.1	16	-	-	1321
15	2	75.5	16	1853	-	1020
16	1	52.6	16	-	-	1919
17	1	62.1	16	-	-	1193
18						
19						
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	82.5	17	1505	-	1289
2	1	61.1	17	-	-	1487
3	1	65.4	17	-	-	1080
4	3	96.3	17	1165	1980	1058
5	1	54.3	17	-	-	1388
6	1	55.2	17	-	-	1894
7	1	60.1	17	-	-	1096
8	1	66.5	17	-	-	1380
9	2	71.2	17	1551	-	1461
10	1	62	17	-	-	1366
11	2	70.5	17	1938	-	1975
12	2	77.5	17	1073	-	1519
13	2	83.2	17	1010	-	1556
14	2	70.9	17	1879	-	1962
15	3	96.8	17	1144	1530	1177
16	2	70.5	17	1628	-	1147
17	3	97.5	17	1639	1684	1719
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Trial Number:			7			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	93	20	1543	1967	1498
2	1	53.3	20	-	-	1448
3	3	99.5	20	1136	1070	1807
4	1	56.5	20	-	-	1794
5	3	94.2	20	1681	1862	1740
6	3	85.1	20	1257	1652	1724
7	1	60.2	20	-	-	1902
8	2	75.9	20	1989	-	1875
9	3	94.9	20	1323	1351	1933
10	1	53.1	20	-	-	1803
11	1	51.7	20	-	-	1315
12	2	74.9	20	1663	-	1813
13	1	56.6	20	-	-	1824
14	2	70.3	20	1121	-	1869
15	1	63.9	20	-	-	1685
16	1	52.3	20	-	-	1224
17	2	66.9	20	1328	-	1071
18	1	57.3	20	-	-	1749
19	3	91.5	20	1272	1281	1015
20	2	78.4	20	1659	-	1017

Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	75.2	12	1892	-	1586
2	2	78.7	12	1819	-	1268
3	1	65.1	12	-	-	1697
4	3	85.4	12	1473	1616	1567
5	1	59	12	-	-	1160
6	2	81.4	12	1823	-	1737
7	2	81.9	12	1983	-	1325
8	3	90.6	12	1271	1291	1270
9	1	65.5	12	-	-	1857
10	2	72.5	12	1514	-	1872
11	1	50.2	12	-	-	1834
12	2	69.1	12	1492	-	1538
13	2	75.3	12	1237	-	1126
14	1	51.9	12	-	-	1169
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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	71.2	9	1840	-	1095
2	2	72.1	9	1993	-	1108
3	1	53.2	9	-	-	1455
4	1	55.6	9	-	-	1846
5	3	88.3	9	1465	1610	1425
6	2	76	9	1324	-	1913
7	1	55.2	9	-	-	1179
8	2	70.3	9	1680	-	1928
9	1	59.5	9	-	-	1287
10	1	52.1	9	-	-	1002
11	1	58.3	9	-	-	1263
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Trial Number:			10			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	91.6	14	1789	1859	1104
2	1	64.6	14	-	-	1580
3	3	91.7	14	1713	1651	1893
4	1	56.5	14	-	-	1422
5	2	75.1	14	1891	-	1799
6	1	66.2	14	-	-	1162
7	1	63.6	14	-	-	1899
8	1	55.2	14	-	-	1345
9	3	92.1	14	1817	1427	1992
10	2	72.3	14	1432	-	1233
11	1	64.2	14	-	-	1316
12	3	88.3	14	1214	1200	1678
13	1	64	14	-	-	1559
14	3	97.5	14	1545	1304	1884
15	1	62.8	14	-	-	1406
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	53.1	17	-	-	1504
2	2	69.7	17	1167	-	1752
3	1	60.4	17	-	-	1158
4	2	72.4	17	1064	-	1043
5	1	52.9	17	-	-	1282
6	2	82.7	17	1550	-	1463
7	3	99.7	17	1089	2000	1440
8	1	54.7	17	-	-	1674
9	3	99.2	17	1181	1771	1276
10	3	91.9	17	1154	1243	1014
11	3	99.2	17	1848	1968	1171
12	1	61.3	17	-	-	1493
13	2	69	17	1319	-	1092
14	1	65.5	17	-	-	1973
15	2	73.1	17	1867	-	1411
16	1	54.8	17	-	-	1052
17	2	69.2	17	1619	-	1284
18	1	63	17	-	-	1587
19						
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Trial Number:			12			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	2	77.1	77.1	1720	-	1864
2	2	67.5	67.5	1833	-	1825
3	2	66.7	66.7	1476	-	1207
4	3	90.3	90.3	1391	1419	1560
5	3	84	84	1897	1057	1689
6	3	90.4	90.4	1434	1956	1348
7	1	56.2	56.2	-	-	1569
8	3	86.6	86.6	1985	1435	1178
9	1	63.9	63.9	-	-	1525
10	2	83.2	83.2	1558	-	1053
11	2	79.7	79.7	1405	-	1898
12	1	56.9	56.9	-	-	1093
13	3	83.8	83.8	1223	1850	1044
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	89.2	13	1539	1866	1854
2	1	58.1	13	-	-	1871
3	2	75.4	13	1756	-	1518
4	2	72.9	13	1743	-	1001
5	3	85.6	13	1502	1209	1775
6	1	59.9	13	-	-	1657
7	3	87.2	13	1339	1601	1625
8	3	99.2	13	1210	1029	1745
9	2	75.7	13	1295	-	1090
10	3	91.9	13	1911	1135	1957
11	1	59.9	13	-	-	1858
12	3	92.6	13	1248	1988	1459
13	1	64.7	13	-	-	1189
14	2	75.9	13	1395	-	1192
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	54.9	10	-	-	1650
2	3	94.6	10	1949	1495	1632
3	3	89.8	10	1176	1385	1600
4	2	69	10	1787	-	1253
5	2	67.4	10	1027	-	1763
6	3	95	10	1231	1046	1695
7	2	75.2	10	1409	-	1040
8	3	87	10	1175	1400	1436
9	2	80	10	1399	-	1815
10	3	96.1	10	1484	1741	1143
11	1	62.9	10	-	-	1283
12	3	85.7	10	1999	1726	1357
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	70	15	1944	-	1373
2	1	66.2	15	-	-	1478
3	1	66.3	15	-	-	1415
4	2	68.8	15	1529	-	1404
5	1	66.5	15	-	-	1164
6	2	75	15	1818	-	1520
7	3	92.2	15	1013	1932	1994
8	1	58	15	-	-	1417
9	1	60	15	-	-	1748
10	1	53.2	15	-	-	1254
11	3	93.6	15	1608	1364	1047
12	3	92.6	15	1698	1088	1137
13	3	87.6	15	1340	1274	1839
14	3	95	15	1236	1712	1661
15	2	82.1	15	1251	-	1353
16	1	63.8	15	-	-	1211
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	51.3	9	-	-	1767
2	2	75.6	9	1367	-	1947
3	1	56.8	9	-	-	1278
4	3	97.7	9	1216	1831	1798
5	2	69.3	9	1082	-	1313
6	1	64.4	9	-	-	1564
7	1	51.2	9	-	-	1733
8	3	92.1	9	1754	1000	1590
9	2	74.1	9	1936	-	1706
10	1	64.2	9	-	-	1523
11	1	62.2	9	-	-	1101
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	62	8	-	-	1751
2	1	58.5	8	-	-	1723
3	1	52.2	8	-	-	1830
4	2	78.1	8	1562	-	1249
5	2	79.4	8	1079	-	1860
6	1	60	8	-	-	1083
7	3	99.9	8	1347	1645	1269
8	3	89.9	8	1642	1148	1986
9	2	71	8	1773	-	1510
10	2	82.9	8	1151	-	1605
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	56.9	10	-	-	1377
2	2	75.4	10	1554	-	1025
3	3	84.9	10	1333	1765	1368
4	1	50.3	10	-	-	1791
5	1	56.6	10	-	-	1896
6	1	65.9	10	-	-	1991
7	1	51.7	10	-	-	1612
8	1	50.9	10	-	-	1511
9	3	97.2	10	1883	1349	1203
10	2	81.4	10	1300	-	1371
11	2	72.4	10	1631	-	1966
12	1	62.9	10	-	-	1757
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	61.4	17	-	-	1882
2	3	85.6	17	1640.000	1602.000	1127
3	1	54.4	17	-	-	1604
4	3	89.3	17	1868.000	1205.000	1703
5	1	65.2	17	-	-	1777
6	1	66.4	17	-	-	1574
7	1	55.6	17	-	-	1474
8	1	64.9	17	-	-	1086
9	2	74.3	17	1022.000	-	1570
10	3	94.7	17	1410.000	1691.000	1636
11	1	52.3	17	-	-	1620
12	1	62.8	17	-	-	1355
13	2	80.2	17	1206.000	-	1076
14	3	99.5	17	1972.000	1517.000	1292
15	1	57.8	17	-	-	1261
16	2	75.1	17	1118.000	-	1259
17	1	64.2	17	-	-	1796
18	2	82.5	17	1387.000	-	1398
19						
20						

Trial Number:			20			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	87.7	20	1194	1336	1219
2	1	55.1	20	-	-	1449
3	1	61.1	20	-	-	1229
4	2	81	20	1571	-	1468
5	3	94.5	20	1672	1552	1561
6	1	50.1	20	-	-	1016
7	2	71.9	20	1522	-	1709
8	3	97.4	20	1298	1827	1755
9	1	62.6	20	-	-	1847
10	3	98.6	20	1828	1761	1004
11	3	99.6	20	1747	1065	1068
12	3	91.2	20	1727	1873	1969
13	2	76.9	20	1225	-	1202
14	2	82.8	20	1294	-	1739
15	3	89.9	20	1624	1583	1783
16	3	99.1	20	1977	1876	1320
17	3	97.2	20	1780	1984	1132
18	1	66.6	20	-	-	1716
19	2	73.7	20	1483	-	1904
20	3	90.1	20	1816	1770	1116

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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5300			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	94.9	20	1005	1443	1553
2	3	83.5	20	1260	1428	1379
3	3	84.3	20	1446	1296	1584
4	1	56	20	-	-	1134
5	1	58.6	20	-	-	1009
6	1	62.2	20	-	-	1669
7	2	73.1	20	1033	-	1105
8	2	72.1	20	1460	-	1146
9	2	70.2	20	1297	-	1145
10	1	57.1	20	-	-	1048
11	1	58.1	20	-	-	1185
12	2	76.6	20	1710	-	1232
13	3	86.7	20	1901	1056	1729
14	1	64.6	20	-	-	1635
15	3	93.8	20	1153	1926	1332
16	2	67.3	20	1630	-	1330
17	1	51.7	20	-	-	1252
18	2	80.4	20	1903	-	1023
19	3	91.1	20	1454	1479	1779
20	1	54.2	20	-	-	1617

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5300			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	67.3	19	1557	-	1078
2	2	67.9	19	1123	-	1034
3	1	53.7	19	-	-	1489
4	1	57.1	19	-	-	1582
5	1	65.3	19	-	-	1942
6	2	83.1	19	1228	-	1774
7	2	67.7	19	1909	-	1541
8	2	69.5	19	1555	-	1341
9	2	72.9	19	1230	-	1682
10	2	81.1	19	1235	-	1255
11	1	52.3	19	-	-	1990
12	3	91.2	19	1782	1258	1437
13	1	51.4	19	-	-	1191
14	2	74.2	19	1996	-	1412
15	3	87.7	19	1501	1785	1760
16	1	54.1	19	-	-	1786
17	2	70.9	19	1374	-	1592
18	1	55	19	-	-	1718
19	2	72.4	19	1908	-	1961
20						

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FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			23			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	2	82.3	14	1615	-	1358
2	2	77.1	14	1312	-	1026
3	3	99.9	14	1666	1011	1475
4	2	77.1	14	1462	-	1069
5	1	55.4	14	-	-	1627
6	3	90.4	14	1700	1921	1607
7	2	73	14	1905	-	1792
8	1	54.4	14	-	-	1778
9	1	62.2	14	-	-	1433
10	3	89.1	14	1546	1687	1331
11	2	72.6	14	1886	-	1218
12	3	97.4	14	1112	1099	1408
13	2	66.8	14	1067	-	1805
14	2	75.5	14	1958	-	1471
15	2	69.5	14	1513	-	1851
16						
17						
18						
19						
20						

Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	72.7	17	1375	-	1369
2	2	77	17	1806	-	1012
3	2	79.7	17	1658	-	1914
4	2	77.2	17	1186	-	1916
5	3	90.8	17	1499	1485	1393
6	2	75.5	17	1644	-	1469
7	3	94.6	17	1622	1623	1326
8	1	53.6	17	-	-	1496
9	3	99.2	17	1396	1407	1927
10	3	89.1	17	1028	1050	1664
11	1	54.8	17	-	-	1954
12	2	66.9	17	1563	-	1197
13	2	75.2	17	1764	-	1861
14	1	62.4	17	-	-	1841
15	2	77	17	1041	-	1649
16	3	89.6	17	1646	1945	1934
17	3	96.4	17	1721	1242	1390
18	3	96.7	17	1245	1452	1457
19						
20						

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

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	57.9	16	-	-	1445
2	1	58.8	16	-	-	1256
3	2	77.2	16	1421	-	1629
4	2	67.5	16	1808	-	1055
5	3	90.8	16	1072	1704	1361
6	3	98.4	16	1801	1598	1363
7	2	66.7	16	1301	-	1174
8	3	92.4	16	1266	1503	1537
9	2	78.6	16	1166	-	1524
10	1	55.4	16	-	-	1717
11	2	80.5	16	1970	-	1031
12	1	50.3	16	-	-	1667
13	3	83.8	16	1458	1634	1506
14	3	85.5	16	1507	1267	1113
15	1	65.6	16	-	-	1647
16	2	81.9	16	1917	-	1948
17	1	51.4	16	-	-	1940
18						
19						
20						

Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	60.7	9	-	-	1182
2	2	74.4	9	1673	-	1329
3	3	93.8	9	1403	1929	1097
4	1	64.3	9	-	-	1213
5	3	97	9	1951	1195	1285
6	3	87.8	9	1688	1327	1081
7	2	73.5	9	1024	-	1971
8	1	50.6	9	-	-	1638
9	3	88	9	1451	1939	1533
10	1	50.5	9	-	-	1585
11	2	73.4	9	1036	-	1690
12						
13						
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17						
18						
19						
20						

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

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	97.9	6	1795	1221	1890
2	3	92	6	1337	1588	1766
3	3	85.3	6	1397	1293	1429
4	3	99.5	6	1922	1280	1633
5	2	76.2	6	1129	-	1124
6	1	50.6	6	-	-	1995
7	1	58.8	6	-	-	1170
8	2	66.7	6	1150	-	1788
9	3	92.3	6	1381	1159	1540
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Trial Number:			28			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	1	55.1	14	-	-	1376
2	3	86.2	14	1699	1736	1063
3	2	81.4	14	1952	-	1742
4	1	60.4	14	-	-	1199
5	3	98.5	14	1431	1426	1889
6	3	96.9	14	1750	1915	1656
7	3	89.1	14	1573	1959	1441
8	2	73.1	14	1394	-	1173
9	3	98.8	14	1832	1299	1309
10	1	55.3	14	-	-	1577
11	2	69.4	14	1509	-	1464
12	1	51.3	14	-	-	1352
13	3	93.3	14	1481	1290	1196
14	1	61	14	-	-	1338
15	1	66.3	14	-	-	1998
16						
17						
18						
19						
20						

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

Trial Number:			29			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	1	65.1	13	-	-	1155
2	1	52.6	13	-	-	1240
3	2	82.4	13	1392	-	1572
4	1	61	13	-	-	1246
5	2	71.1	13	1683	-	1925
6	1	53.7	13	-	-	1692
7	2	66.9	13	1609	-	1084
8	1	52.8	13	-	-	1679
9	3	97.8	13	1208	1547	1115
10	3	93.3	13	1965	1310	1937
11	3	94.5	13	1141	1797	1960
12	3	86.6	13	1963	1744	1350
13	2	70.2	13	1686	-	1776
14	2	81.1	13	1021	-	1837
15	2	74.2	13	1762	-	1382
16						
17						
18						
19						
20						

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5300			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	83.1	16	1335	-	1128
2	2	76.7	16	1187	-	1793
3	3	99	16	1838	1157	1264
4	3	89.6	16	1759	1535	1842
5	3	96.3	16	1314	1486	1045
6	2	74.5	16	1204	-	1032
7	3	93.1	16	1060	1655	1102
8	2	83.3	16	1168	-	1802
9	1	65.9	16	-	-	1811
10	1	50.1	16	-	-	1814
11	3	98.7	16	1109	1781	1829
12	1	50.3	16	-	-	1423
13	1	51.8	16	-	-	1354
14	2	82.6	16	1414	-	1488
15	2	81.2	16	1318	-	1030
16	2	72.1	16	1163	-	1306
17	1	54.6	16	-	-	1054
18						
19						
20						

DFS Radar Parameters
FCC Radar Type 1
Channel 62 Bandwidth 40MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	1193.32	838	Y
2	8	1519.76	658	Y
3	1	1930.50	518	Y
4	18	1165.50	858	Y
5	11	1392.76	718	Y
6	12	1355.01	738	Y
7	5	1672.24	598	N
8	9	1474.93	678	Y
9	7	1567.40	638	Y
10	2	1858.74	538	Y
11	14	1285.35	778	Y
12	21	1089.32	918	Y
13	22	1066.10	938	Y
14	12	326.16	3066	Y
15	15	1253.13	798	Y
16		986.19	1014	Y
17		460.62	2171	Y
18		1038.42	963	Y
19		1076.43	929	Y
20		777.00	1287	Y
21		419.64	2383	Y
22		838.22	1193	Y
23		434.78	2300	Y
24		1259.45	794	Y
25		477.33	2095	Y
26		1814.88	551	Y
27		442.28	2261	Y
28		372.30	2686	Y
29		331.24	3019	Y
30		1088.14	919	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	26	2.90	221	Y
2	25	2.50	215	Y
3	28	4.40	189	Y
4	27	3.50	175	Y
5	28	3.90	208	Y
6	28	4.10	182	Y
7	29	5.00	225	Y
8	26	2.90	187	N
9	24	2.00	179	Y
10	27	3.40	217	Y
11	28	4.30	211	Y
12	25	2.70	192	Y
13	26	3.00	214	Y
14	25	2.40	207	Y
15	27	3.60	174	Y
16	25	2.20	164	Y
17	24	1.80	197	Y
18	25	2.50	218	Y
19	28	4.20	205	Y
20	29	5.00	209	Y
21	29	4.90	185	Y
22	29	4.60	224	Y
23	27	3.30	159	Y
24	28	4.20	171	Y
25	28	4.00	181	Y
26	25	2.20	198	Y
27	23	1.30	195	Y
28	27	3.40	173	Y
29	26	3.20	191	Y
30	28	4.00	186	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	7.90	275	Y
2	17	7.50	373	Y
3	18	9.40	312	Y
4	17	8.50	336	Y
5	18	8.90	429	Y
6	18	9.10	242	Y
7	18	10.00	265	Y
8	17	7.90	424	Y
9	16	7.00	442	Y
10	17	8.40	378	Y
11	18	9.30	494	Y
12	17	7.70	293	Y
13	17	8.00	364	Y
14	17	7.40	478	Y
15	17	8.60	341	Y
16	16	7.20	306	Y
17	16	6.80	468	Y
18	17	7.50	313	Y
19	18	9.20	345	Y
20	18	10.00	484	Y
21	18	9.90	310	Y
22	18	9.60	473	Y
23	17	8.30	210	Y
24	18	9.20	346	Y
25	18	9.00	461	Y
26	16	7.20	411	Y
27	16	6.30	266	Y
28	17	8.40	377	Y
29	17	8.20	402	Y
30	18	9.00	420	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.20	275	Y
2	13	14.40	373	Y
3	16	18.70	312	Y
4	15	16.50	336	Y
5	15	17.60	429	Y
6	15	17.90	242	Y
7	16	20.00	265	Y
8	14	15.20	424	Y
9	13	13.30	442	Y
10	14	16.40	378	Y
11	16	18.30	494	Y
12	14	14.70	293	Y
13	14	15.60	364	Y
14	13	14.20	478	Y
15	15	16.70	341	Y
16	13	13.70	306	Y
17	13	12.80	468	Y
18	13	14.30	313	Y
19	16	18.30	345	Y
20	16	19.90	484	Y
21	16	19.60	310	Y
22	16	19.00	473	Y
23	14	16.30	210	Y
24	16	18.20	346	Y
25	15	17.60	461	Y
26	13	13.70	411	Y
27	12	11.80	266	Y
28	14	16.30	377	Y
29	14	16.00	402	Y
30	15	17.70	420	Y

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	73.3	12	1317	-	1575
2	2	69	12	1826	-	1018
3	3	92.7	12	1566	1693	1715
4	2	80.5	12	1062	-	1442
5	3	86.5	12	2000	1565	1544
6	3	88	12	1360	1907	1596
7	3	100	12	1856	1618	1138
8	2	73.4	12	1497	-	1671
9	1	62.7	12	-	-	1578
10	2	79.9	12	1935	-	1094
11	3	90.4	12	1482	1843	1946
12	2	70.8	12	1576	-	1119
13	2	75.5	12	1820	-	1885
14	2	67.9	12	1910	-	1142
15						
16						
17						
18						
19						
20						

Trial Number:			2			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	2	81.8	11	1738	-	1279
2	1	65.2	11	-	-	1085
3	1	60	11	-	-	1494
4	2	68.3	11	1222	-	1512
5	3	90.2	11	1288	1730	1923
6	3	99.3	11	1365	1125	1051
7	3	97.7	11	1675	1660	1212
8	3	94.3	11	1430	1311	1835
9	2	79.3	11	1734	-	1042
10	3	90.1	11	1074	1597	1637
11	3	86.7	11	1447	1117	1874
12	1	65.1	11	-	-	1812
13						
14						
15						
16						
17						
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	54.8	18	-	-	1402
2	2	79.5	18	1286	-	1343
3	2	77.8	18	1275	-	1111
4	3	87.2	18	1881	1887	1413
5	2	77.3	18	1383	-	1950
6	3	96.5	18	1527	1731	1769
7	1	59.8	18	-	-	1061
8	2	82.6	18	1531	-	1809
9	1	62.2	18	-	-	1979
10	1	60.7	18	-	-	1918
11	3	99.4	18	1987	1714	1568
12	1	64.3	18	-	-	1599
13	2	68.9	18	1172	-	1490
14	2	76.1	18	1110	-	1606
15	2	73.8	18	1880	-	1438
16	3	95	18	1613	1870	1302
17	2	82.1	18	1122	-	1725
18	3	96.8	18	1707	1120	1389
19	2	79	18	1201	-	1247
20						

Trial Number:			4			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	2	71.2	14	1930	-	1735
2	2	68.9	14	1003	-	1039
3	1	50.5	14	-	-	1595
4	2	74.2	14	1470	-	1790
5	2	67.7	14	1943	-	1244
6	2	70.7	14	1049	-	1746
7	1	56	14	-	-	1941
8	3	84.5	14	1303	1696	1924
9	3	89.4	14	1648	1542	1007
10	1	55	14	-	-	1156
11	2	79.1	14	1591	-	1863
12	3	89.8	14	1420	1130	1865
13	1	52.6	14	-	-	1037
14	3	93.9	14	1215	1133	1981
15	2	71.4	14	1536	-	1603
16						
17						
18						
19						
20						

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

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5310			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	83.1	16	1708	-	1845
2	2	70.4	16	1665	-	1626
3	3	95.6	16	1611	1784	1250
4	2	75.5	16	1593	-	1378
5	1	52.6	16	-	-	1768
6	3	94	16	1997	1087	1198
7	1	61	16	-	-	1641
8	3	93	16	1006	1238	1372
9	1	55.6	16	-	-	1732
10	2	71.1	16	1772	-	1370
11	1	65.9	16	-	-	1532
12	3	95.8	16	1728	1964	1114
13	3	99.5	16	1836	1059	1075
14	1	64.1	16	-	-	1321
15	2	75.5	16	1853	-	1020
16	1	52.6	16	-	-	1919
17	1	62.1	16	-	-	1193
18						
19						
20						

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	82.5	17	1505	-	1289
2	1	61.1	17	-	-	1487
3	1	65.4	17	-	-	1080
4	3	96.3	17	1165	1980	1058
5	1	54.3	17	-	-	1388
6	1	55.2	17	-	-	1894
7	1	60.1	17	-	-	1096
8	1	66.5	17	-	-	1380
9	2	71.2	17	1551	-	1461
10	1	62	17	-	-	1366
11	2	70.5	17	1938	-	1975
12	2	77.5	17	1073	-	1519
13	2	83.2	17	1010	-	1556
14	2	70.9	17	1879	-	1962
15	3	96.8	17	1144	1530	1177
16	2	70.5	17	1628	-	1147
17	3	97.5	17	1639	1684	1719
18						
19						
20						

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

Trial Number:			7			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	93	20	1543	1967	1498
2	1	53.3	20	-	-	1448
3	3	99.5	20	1136	1070	1807
4	1	56.5	20	-	-	1794
5	3	94.2	20	1681	1862	1740
6	3	85.1	20	1257	1652	1724
7	1	60.2	20	-	-	1902
8	2	75.9	20	1989	-	1875
9	3	94.9	20	1323	1351	1933
10	1	53.1	20	-	-	1803
11	1	51.7	20	-	-	1315
12	2	74.9	20	1663	-	1813
13	1	56.6	20	-	-	1824
14	2	70.3	20	1121	-	1869
15	1	63.9	20	-	-	1685
16	1	52.3	20	-	-	1224
17	2	66.9	20	1328	-	1071
18	1	57.3	20	-	-	1749
19	3	91.5	20	1272	1281	1015
20	2	78.4	20	1659	-	1017

Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	75.2	12	1892	-	1586
2	2	78.7	12	1819	-	1268
3	1	65.1	12	-	-	1697
4	3	85.4	12	1473	1616	1567
5	1	59	12	-	-	1160
6	2	81.4	12	1823	-	1737
7	2	81.9	12	1983	-	1325
8	3	90.6	12	1271	1291	1270
9	1	65.5	12	-	-	1857
10	2	72.5	12	1514	-	1872
11	1	50.2	12	-	-	1834
12	2	69.1	12	1492	-	1538
13	2	75.3	12	1237	-	1126
14	1	51.9	12	-	-	1169
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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	71.2	9	1840	-	1095
2	2	72.1	9	1993	-	1108
3	1	53.2	9	-	-	1455
4	1	55.6	9	-	-	1846
5	3	88.3	9	1465	1610	1425
6	2	76	9	1324	-	1913
7	1	55.2	9	-	-	1179
8	2	70.3	9	1680	-	1928
9	1	59.5	9	-	-	1287
10	1	52.1	9	-	-	1002
11	1	58.3	9	-	-	1263
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Trial Number:			10			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	91.6	14	1789	1859	1104
2	1	64.6	14	-	-	1580
3	3	91.7	14	1713	1651	1893
4	1	56.5	14	-	-	1422
5	2	75.1	14	1891	-	1799
6	1	66.2	14	-	-	1162
7	1	63.6	14	-	-	1899
8	1	55.2	14	-	-	1345
9	3	92.1	14	1817	1427	1992
10	2	72.3	14	1432	-	1233
11	1	64.2	14	-	-	1316
12	3	88.3	14	1214	1200	1678
13	1	64	14	-	-	1559
14	3	97.5	14	1545	1304	1884
15	1	62.8	14	-	-	1406
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	53.1	17	-	-	1504
2	2	69.7	17	1167	-	1752
3	1	60.4	17	-	-	1158
4	2	72.4	17	1064	-	1043
5	1	52.9	17	-	-	1282
6	2	82.7	17	1550	-	1463
7	3	99.7	17	1089	2000	1440
8	1	54.7	17	-	-	1674
9	3	99.2	17	1181	1771	1276
10	3	91.9	17	1154	1243	1014
11	3	99.2	17	1848	1968	1171
12	1	61.3	17	-	-	1493
13	2	69	17	1319	-	1092
14	1	65.5	17	-	-	1973
15	2	73.1	17	1867	-	1411
16	1	54.8	17	-	-	1052
17	2	69.2	17	1619	-	1284
18	1	63	17	-	-	1587
19						
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Trial Number:			12			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	2	77.1	77.1	1720	-	1864
2	2	67.5	67.5	1833	-	1825
3	2	66.7	66.7	1476	-	1207
4	3	90.3	90.3	1391	1419	1560
5	3	84	84	1897	1057	1689
6	3	90.4	90.4	1434	1956	1348
7	1	56.2	56.2	-	-	1569
8	3	86.6	86.6	1985	1435	1178
9	1	63.9	63.9	-	-	1525
10	2	83.2	83.2	1558	-	1053
11	2	79.7	79.7	1405	-	1898
12	1	56.9	56.9	-	-	1093
13	3	83.8	83.8	1223	1850	1044
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	89.2	13	1539	1866	1854
2	1	58.1	13	-	-	1871
3	2	75.4	13	1756	-	1518
4	2	72.9	13	1743	-	1001
5	3	85.6	13	1502	1209	1775
6	1	59.9	13	-	-	1657
7	3	87.2	13	1339	1601	1625
8	3	99.2	13	1210	1029	1745
9	2	75.7	13	1295	-	1090
10	3	91.9	13	1911	1135	1957
11	1	59.9	13	-	-	1858
12	3	92.6	13	1248	1988	1459
13	1	64.7	13	-	-	1189
14	2	75.9	13	1395	-	1192
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Trial Number:			14			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	1	54.9	10	-	-	1650
2	3	94.6	10	1949	1495	1632
3	3	89.8	10	1176	1385	1600
4	2	69	10	1787	-	1253
5	2	67.4	10	1027	-	1763
6	3	95	10	1231	1046	1695
7	2	75.2	10	1409	-	1040
8	3	87	10	1175	1400	1436
9	2	80	10	1399	-	1815
10	3	96.1	10	1484	1741	1143
11	1	62.9	10	-	-	1283
12	3	85.7	10	1999	1726	1357
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	70	15	1944	-	1373
2	1	66.2	15	-	-	1478
3	1	66.3	15	-	-	1415
4	2	68.8	15	1529	-	1404
5	1	66.5	15	-	-	1164
6	2	75	15	1818	-	1520
7	3	92.2	15	1013	1932	1994
8	1	58	15	-	-	1417
9	1	60	15	-	-	1748
10	1	53.2	15	-	-	1254
11	3	93.6	15	1608	1364	1047
12	3	92.6	15	1698	1088	1137
13	3	87.6	15	1340	1274	1839
14	3	95	15	1236	1712	1661
15	2	82.1	15	1251	-	1353
16	1	63.8	15	-	-	1211
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	51.3	9	-	-	1767
2	2	75.6	9	1367	-	1947
3	1	56.8	9	-	-	1278
4	3	97.7	9	1216	1831	1798
5	2	69.3	9	1082	-	1313
6	1	64.4	9	-	-	1564
7	1	51.2	9	-	-	1733
8	3	92.1	9	1754	1000	1590
9	2	74.1	9	1936	-	1706
10	1	64.2	9	-	-	1523
11	1	62.2	9	-	-	1101
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	62	8	-	-	1751
2	1	58.5	8	-	-	1723
3	1	52.2	8	-	-	1830
4	2	78.1	8	1562	-	1249
5	2	79.4	8	1079	-	1860
6	1	60	8	-	-	1083
7	3	99.9	8	1347	1645	1269
8	3	89.9	8	1642	1148	1986
9	2	71	8	1773	-	1510
10	2	82.9	8	1151	-	1605
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Trial Number:			18			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	1	56.9	10	-	-	1377
2	2	75.4	10	1554	-	1025
3	3	84.9	10	1333	1765	1368
4	1	50.3	10	-	-	1791
5	1	56.6	10	-	-	1896
6	1	65.9	10	-	-	1991
7	1	51.7	10	-	-	1612
8	1	50.9	10	-	-	1511
9	3	97.2	10	1883	1349	1203
10	2	81.4	10	1300	-	1371
11	2	72.4	10	1631	-	1966
12	1	62.9	10	-	-	1757
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	61.4	17	-	-	1882
2	3	85.6	17	1640.000	1602.000	1127
3	1	54.4	17	-	-	1604
4	3	89.3	17	1868.000	1205.000	1703
5	1	65.2	17	-	-	1777
6	1	66.4	17	-	-	1574
7	1	55.6	17	-	-	1474
8	1	64.9	17	-	-	1086
9	2	74.3	17	1022.000	-	1570
10	3	94.7	17	1410.000	1691.000	1636
11	1	52.3	17	-	-	1620
12	1	62.8	17	-	-	1355
13	2	80.2	17	1206.000	-	1076
14	3	99.5	17	1972.000	1517.000	1292
15	1	57.8	17	-	-	1261
16	2	75.1	17	1118.000	-	1259
17	1	64.2	17	-	-	1796
18	2	82.5	17	1387.000	-	1398
19						
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Trial Number:			20			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	87.7	20	1194	1336	1219
2	1	55.1	20	-	-	1449
3	1	61.1	20	-	-	1229
4	2	81	20	1571	-	1468
5	3	94.5	20	1672	1552	1561
6	1	50.1	20	-	-	1016
7	2	71.9	20	1522	-	1709
8	3	97.4	20	1298	1827	1755
9	1	62.6	20	-	-	1847
10	3	98.6	20	1828	1761	1004
11	3	99.6	20	1747	1065	1068
12	3	91.2	20	1727	1873	1969
13	2	76.9	20	1225	-	1202
14	2	82.8	20	1294	-	1739
15	3	89.9	20	1624	1583	1783
16	3	99.1	20	1977	1876	1320
17	3	97.2	20	1780	1984	1132
18	1	66.6	20	-	-	1716
19	2	73.7	20	1483	-	1904
20	3	90.1	20	1816	1770	1116

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Trial Number:			21			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	94.9	20	1005	1443	1553
2	3	83.5	20	1260	1428	1379
3	3	84.3	20	1446	1296	1584
4	1	56	20	-	-	1134
5	1	58.6	20	-	-	1009
6	1	62.2	20	-	-	1669
7	2	73.1	20	1033	-	1105
8	2	72.1	20	1460	-	1146
9	2	70.2	20	1297	-	1145
10	1	57.1	20	-	-	1048
11	1	58.1	20	-	-	1185
12	2	76.6	20	1710	-	1232
13	3	86.7	20	1901	1056	1729
14	1	64.6	20	-	-	1635
15	3	93.8	20	1153	1926	1332
16	2	67.3	20	1630	-	1330
17	1	51.7	20	-	-	1252
18	2	80.4	20	1903	-	1023
19	3	91.1	20	1454	1479	1779
20	1	54.2	20	-	-	1617

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	67.3	19	1557	-	1078
2	2	67.9	19	1123	-	1034
3	1	53.7	19	-	-	1489
4	1	57.1	19	-	-	1582
5	1	65.3	19	-	-	1942
6	2	83.1	19	1228	-	1774
7	2	67.7	19	1909	-	1541
8	2	69.5	19	1555	-	1341
9	2	72.9	19	1230	-	1682
10	2	81.1	19	1235	-	1255
11	1	52.3	19	-	-	1990
12	3	91.2	19	1782	1258	1437
13	1	51.4	19	-	-	1191
14	2	74.2	19	1996	-	1412
15	3	87.7	19	1501	1785	1760
16	1	54.1	19	-	-	1786
17	2	70.9	19	1374	-	1592
18	1	55	19	-	-	1718
19	2	72.4	19	1908	-	1961
20						

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Trial Number:			23			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	2	82.3	14	1615	-	1358
2	2	77.1	14	1312	-	1026
3	3	99.9	14	1666	1011	1475
4	2	77.1	14	1462	-	1069
5	1	55.4	14	-	-	1627
6	3	90.4	14	1700	1921	1607
7	2	73	14	1905	-	1792
8	1	54.4	14	-	-	1778
9	1	62.2	14	-	-	1433
10	3	89.1	14	1546	1687	1331
11	2	72.6	14	1886	-	1218
12	3	97.4	14	1112	1099	1408
13	2	66.8	14	1067	-	1805
14	2	75.5	14	1958	-	1471
15	2	69.5	14	1513	-	1851
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18						
19						
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	72.7	17	1375	-	1369
2	2	77	17	1806	-	1012
3	2	79.7	17	1658	-	1914
4	2	77.2	17	1186	-	1916
5	3	90.8	17	1499	1485	1393
6	2	75.5	17	1644	-	1469
7	3	94.6	17	1622	1623	1326
8	1	53.6	17	-	-	1496
9	3	99.2	17	1396	1407	1927
10	3	89.1	17	1028	1050	1664
11	1	54.8	17	-	-	1954
12	2	66.9	17	1563	-	1197
13	2	75.2	17	1764	-	1861
14	1	62.4	17	-	-	1841
15	2	77	17	1041	-	1649
16	3	89.6	17	1646	1945	1934
17	3	96.4	17	1721	1242	1390
18	3	96.7	17	1245	1452	1457
19						
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	57.9	16	-	-	1445
2	1	58.8	16	-	-	1256
3	2	77.2	16	1421	-	1629
4	2	67.5	16	1808	-	1055
5	3	90.8	16	1072	1704	1361
6	3	98.4	16	1801	1598	1363
7	2	66.7	16	1301	-	1174
8	3	92.4	16	1266	1503	1537
9	2	78.6	16	1166	-	1524
10	1	55.4	16	-	-	1717
11	2	80.5	16	1970	-	1031
12	1	50.3	16	-	-	1667
13	3	83.8	16	1458	1634	1506
14	3	85.5	16	1507	1267	1113
15	1	65.6	16	-	-	1647
16	2	81.9	16	1917	-	1948
17	1	51.4	16	-	-	1940
18						
19						
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	60.7	9	-	-	1182
2	2	74.4	9	1673	-	1329
3	3	93.8	9	1403	1929	1097
4	1	64.3	9	-	-	1213
5	3	97	9	1951	1195	1285
6	3	87.8	9	1688	1327	1081
7	2	73.5	9	1024	-	1971
8	1	50.6	9	-	-	1638
9	3	88	9	1451	1939	1533
10	1	50.5	9	-	-	1585
11	2	73.4	9	1036	-	1690
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Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	97.9	6	1795	1221	1890
2	3	92	6	1337	1588	1766
3	3	85.3	6	1397	1293	1429
4	3	99.5	6	1922	1280	1633
5	2	76.2	6	1129	-	1124
6	1	50.6	6	-	-	1995
7	1	58.8	6	-	-	1170
8	2	66.7	6	1150	-	1788
9	3	92.3	6	1381	1159	1540
10						
11						
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Trial Number:			28			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	1	55.1	14	-	-	1376
2	3	86.2	14	1699	1736	1063
3	2	81.4	14	1952	-	1742
4	1	60.4	14	-	-	1199
5	3	98.5	14	1431	1426	1889
6	3	96.9	14	1750	1915	1656
7	3	89.1	14	1573	1959	1441
8	2	73.1	14	1394	-	1173
9	3	98.8	14	1832	1299	1309
10	1	55.3	14	-	-	1577
11	2	69.4	14	1509	-	1464
12	1	51.3	14	-	-	1352
13	3	93.3	14	1481	1290	1196
14	1	61	14	-	-	1338
15	1	66.3	14	-	-	1998
16						
17						
18						
19						
20						

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

Trial Number:			29			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	1	65.1	13	-	-	1155
2	1	52.6	13	-	-	1240
3	2	82.4	13	1392	-	1572
4	1	61	13	-	-	1246
5	2	71.1	13	1683	-	1925
6	1	53.7	13	-	-	1692
7	2	66.9	13	1609	-	1084
8	1	52.8	13	-	-	1679
9	3	97.8	13	1208	1547	1115
10	3	93.3	13	1965	1310	1937
11	3	94.5	13	1141	1797	1960
12	3	86.6	13	1963	1744	1350
13	2	70.2	13	1686	-	1776
14	2	81.1	13	1021	-	1837
15	2	74.2	13	1762	-	1382
16						
17						
18						
19						
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	83.1	16	1335	-	1128
2	2	76.7	16	1187	-	1793
3	3	99	16	1838	1157	1264
4	3	89.6	16	1759	1535	1842
5	3	96.3	16	1314	1486	1045
6	2	74.5	16	1204	-	1032
7	3	93.1	16	1060	1655	1102
8	2	83.3	16	1168	-	1802
9	1	65.9	16	-	-	1811
10	1	50.1	16	-	-	1814
11	3	98.7	16	1109	1781	1829
12	1	50.3	16	-	-	1423
13	1	51.8	16	-	-	1354
14	2	82.6	16	1414	-	1488
15	2	81.2	16	1318	-	1030
16	2	72.1	16	1163	-	1306
17	1	54.6	16	-	-	1054
18						
19						
20						

DFS Radar Parameters
FCC Radar Type 1
Channel 100 Bandwidth 20MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	1193.32	838	Y
2	8	1519.76	658	Y
3	1	1930.50	518	Y
4	18	1165.50	858	Y
5	11	1392.76	718	Y
6	12	1355.01	738	Y
7	5	1672.24	598	Y
8	9	1474.93	678	Y
9	7	1567.40	638	Y
10	2	1858.74	538	Y
11	14	1285.35	778	Y
12	21	1089.32	918	Y
13	22	1066.10	938	Y
14	12	326.16	3066	Y
15	15	1253.13	798	Y
16		986.19	1014	Y
17		460.62	2171	Y
18		1038.42	963	Y
19		1076.43	929	Y
20		777.00	1287	Y
21		419.64	2383	Y
22		838.22	1193	Y
23		434.78	2300	Y
24		1259.45	794	Y
25		477.33	2095	Y
26		1814.88	551	Y
27		442.28	2261	Y
28		372.30	2686	Y
29		331.24	3019	Y
30		1088.14	919	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	26	2.90	221	Y
2	25	2.50	215	Y
3	28	4.40	189	Y
4	27	3.50	175	Y
5	28	3.90	208	N
6	28	4.10	182	Y
7	29	5.00	225	Y
8	26	2.90	187	Y
9	24	2.00	179	Y
10	27	3.40	217	Y
11	28	4.30	211	Y
12	25	2.70	192	Y
13	26	3.00	214	Y
14	25	2.40	207	Y
15	27	3.60	174	Y
16	25	2.20	164	N
17	24	1.80	197	Y
18	25	2.50	218	Y
19	28	4.20	205	Y
20	29	5.00	209	Y
21	29	4.90	185	N
22	29	4.60	224	Y
23	27	3.30	159	Y
24	28	4.20	171	Y
25	28	4.00	181	Y
26	25	2.20	198	Y
27	23	1.30	195	Y
28	27	3.40	173	Y
29	26	3.20	191	Y
30	28	4.00	186	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	7.90	275	Y
2	17	7.50	373	Y
3	18	9.40	312	Y
4	17	8.50	336	N
5	18	8.90	429	Y
6	18	9.10	242	Y
7	18	10.00	265	Y
8	17	7.90	424	Y
9	16	7.00	442	Y
10	17	8.40	378	Y
11	18	9.30	494	Y
12	17	7.70	293	N
13	17	8.00	364	Y
14	17	7.40	478	Y
15	17	8.60	341	Y
16	16	7.20	306	Y
17	16	6.80	468	Y
18	17	7.50	313	Y
19	18	9.20	345	Y
20	18	10.00	484	Y
21	18	9.90	310	Y
22	18	9.60	473	Y
23	17	8.30	210	N
24	18	9.20	346	Y
25	18	9.00	461	Y
26	16	7.20	411	Y
27	16	6.30	266	Y
28	17	8.40	377	Y
29	17	8.20	402	Y
30	18	9.00	420	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.20	275	Y
2	13	14.40	373	Y
3	16	18.70	312	Y
4	15	16.50	336	Y
5	15	17.60	429	N
6	15	17.90	242	Y
7	16	20.00	265	Y
8	14	15.20	424	Y
9	13	13.30	442	Y
10	14	16.40	378	Y
11	16	18.30	494	Y
12	14	14.70	293	Y
13	14	15.60	364	Y
14	13	14.20	478	Y
15	15	16.70	341	Y
16	13	13.70	306	Y
17	13	12.80	468	N
18	13	14.30	313	N
19	16	18.30	345	Y
20	16	19.90	484	Y
21	16	19.60	310	N
22	16	19.00	473	Y
23	14	16.30	210	Y
24	16	18.20	346	Y
25	15	17.60	461	Y
26	13	13.70	411	Y
27	12	11.80	266	Y
28	14	16.30	377	Y
29	14	16.00	402	Y
30	15	17.70	420	Y

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	73.3	12	1317	-	1575
2	2	69	12	1826	-	1018
3	3	92.7	12	1566	1693	1715
4	2	80.5	12	1062	-	1442
5	3	86.5	12	2000	1565	1544
6	3	88	12	1360	1907	1596
7	3	100	12	1856	1618	1138
8	2	73.4	12	1497	-	1671
9	1	62.7	12	-	-	1578
10	2	79.9	12	1935	-	1094
11	3	90.4	12	1482	1843	1946
12	2	70.8	12	1576	-	1119
13	2	75.5	12	1820	-	1885
14	2	67.9	12	1910	-	1142
15						
16						
17						
18						
19						
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Trial Number:			2			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	2	81.8	11	1738	-	1279
2	1	65.2	11	-	-	1085
3	1	60	11	-	-	1494
4	2	68.3	11	1222	-	1512
5	3	90.2	11	1288	1730	1923
6	3	99.3	11	1365	1125	1051
7	3	97.7	11	1675	1660	1212
8	3	94.3	11	1430	1311	1835
9	2	79.3	11	1734	-	1042
10	3	90.1	11	1074	1597	1637
11	3	86.7	11	1447	1117	1874
12	1	65.1	11	-	-	1812
13						
14						
15						
16						
17						
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	54.8	18	-	-	1402
2	2	79.5	18	1286	-	1343
3	2	77.8	18	1275	-	1111
4	3	87.2	18	1881	1887	1413
5	2	77.3	18	1383	-	1950
6	3	96.5	18	1527	1731	1769
7	1	59.8	18	-	-	1061
8	2	82.6	18	1531	-	1809
9	1	62.2	18	-	-	1979
10	1	60.7	18	-	-	1918
11	3	99.4	18	1987	1714	1568
12	1	64.3	18	-	-	1599
13	2	68.9	18	1172	-	1490
14	2	76.1	18	1110	-	1606
15	2	73.8	18	1880	-	1438
16	3	95	18	1613	1870	1302
17	2	82.1	18	1122	-	1725
18	3	96.8	18	1707	1120	1389
19	2	79	18	1201	-	1247
20						

Trial Number:			4			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	2	71.2	14	1930	-	1735
2	2	68.9	14	1003	-	1039
3	1	50.5	14	-	-	1595
4	2	74.2	14	1470	-	1790
5	2	67.7	14	1943	-	1244
6	2	70.7	14	1049	-	1746
7	1	56	14	-	-	1941
8	3	84.5	14	1303	1696	1924
9	3	89.4	14	1648	1542	1007
10	1	55	14	-	-	1156
11	2	79.1	14	1591	-	1863
12	3	89.8	14	1420	1130	1865
13	1	52.6	14	-	-	1037
14	3	93.9	14	1215	1133	1981
15	2	71.4	14	1536	-	1603
16						
17						
18						
19						
20						

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

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	83.1	16	1708	-	1845
2	2	70.4	16	1665	-	1626
3	3	95.6	16	1611	1784	1250
4	2	75.5	16	1593	-	1378
5	1	52.6	16	-	-	1768
6	3	94	16	1997	1087	1198
7	1	61	16	-	-	1641
8	3	93	16	1006	1238	1372
9	1	55.6	16	-	-	1732
10	2	71.1	16	1772	-	1370
11	1	65.9	16	-	-	1532
12	3	95.8	16	1728	1964	1114
13	3	99.5	16	1836	1059	1075
14	1	64.1	16	-	-	1321
15	2	75.5	16	1853	-	1020
16	1	52.6	16	-	-	1919
17	1	62.1	16	-	-	1193
18						
19						
20						

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	82.5	17	1505	-	1289
2	1	61.1	17	-	-	1487
3	1	65.4	17	-	-	1080
4	3	96.3	17	1165	1980	1058
5	1	54.3	17	-	-	1388
6	1	55.2	17	-	-	1894
7	1	60.1	17	-	-	1096
8	1	66.5	17	-	-	1380
9	2	71.2	17	1551	-	1461
10	1	62	17	-	-	1366
11	2	70.5	17	1938	-	1975
12	2	77.5	17	1073	-	1519
13	2	83.2	17	1010	-	1556
14	2	70.9	17	1879	-	1962
15	3	96.8	17	1144	1530	1177
16	2	70.5	17	1628	-	1147
17	3	97.5	17	1639	1684	1719
18						
19						
20						

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

Trial Number:			7			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	93	20	1543	1967	1498
2	1	53.3	20	-	-	1448
3	3	99.5	20	1136	1070	1807
4	1	56.5	20	-	-	1794
5	3	94.2	20	1681	1862	1740
6	3	85.1	20	1257	1652	1724
7	1	60.2	20	-	-	1902
8	2	75.9	20	1989	-	1875
9	3	94.9	20	1323	1351	1933
10	1	53.1	20	-	-	1803
11	1	51.7	20	-	-	1315
12	2	74.9	20	1663	-	1813
13	1	56.6	20	-	-	1824
14	2	70.3	20	1121	-	1869
15	1	63.9	20	-	-	1685
16	1	52.3	20	-	-	1224
17	2	66.9	20	1328	-	1071
18	1	57.3	20	-	-	1749
19	3	91.5	20	1272	1281	1015
20	2	78.4	20	1659	-	1017

Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	75.2	12	1892	-	1586
2	2	78.7	12	1819	-	1268
3	1	65.1	12	-	-	1697
4	3	85.4	12	1473	1616	1567
5	1	59	12	-	-	1160
6	2	81.4	12	1823	-	1737
7	2	81.9	12	1983	-	1325
8	3	90.6	12	1271	1291	1270
9	1	65.5	12	-	-	1857
10	2	72.5	12	1514	-	1872
11	1	50.2	12	-	-	1834
12	2	69.1	12	1492	-	1538
13	2	75.3	12	1237	-	1126
14	1	51.9	12	-	-	1169
15						
16						
17						
18						
19						
20						

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

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	71.2	9	1840	-	1095
2	2	72.1	9	1993	-	1108
3	1	53.2	9	-	-	1455
4	1	55.6	9	-	-	1846
5	3	88.3	9	1465	1610	1425
6	2	76	9	1324	-	1913
7	1	55.2	9	-	-	1179
8	2	70.3	9	1680	-	1928
9	1	59.5	9	-	-	1287
10	1	52.1	9	-	-	1002
11	1	58.3	9	-	-	1263
12						
13						
14						
15						
16						
17						
18						
19						
20						

Trial Number:			10			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	91.6	14	1789	1859	1104
2	1	64.6	14	-	-	1580
3	3	91.7	14	1713	1651	1893
4	1	56.5	14	-	-	1422
5	2	75.1	14	1891	-	1799
6	1	66.2	14	-	-	1162
7	1	63.6	14	-	-	1899
8	1	55.2	14	-	-	1345
9	3	92.1	14	1817	1427	1992
10	2	72.3	14	1432	-	1233
11	1	64.2	14	-	-	1316
12	3	88.3	14	1214	1200	1678
13	1	64	14	-	-	1559
14	3	97.5	14	1545	1304	1884
15	1	62.8	14	-	-	1406
16						
17						
18						
19						
20						

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

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	53.1	17	-	-	1504
2	2	69.7	17	1167	-	1752
3	1	60.4	17	-	-	1158
4	2	72.4	17	1064	-	1043
5	1	52.9	17	-	-	1282
6	2	82.7	17	1550	-	1463
7	3	99.7	17	1089	2000	1440
8	1	54.7	17	-	-	1674
9	3	99.2	17	1181	1771	1276
10	3	91.9	17	1154	1243	1014
11	3	99.2	17	1848	1968	1171
12	1	61.3	17	-	-	1493
13	2	69	17	1319	-	1092
14	1	65.5	17	-	-	1973
15	2	73.1	17	1867	-	1411
16	1	54.8	17	-	-	1052
17	2	69.2	17	1619	-	1284
18	1	63	17	-	-	1587
19						
20						

Trial Number:			12			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	2	77.1	77.1	1720	-	1864
2	2	67.5	67.5	1833	-	1825
3	2	66.7	66.7	1476	-	1207
4	3	90.3	90.3	1391	1419	1560
5	3	84	84	1897	1057	1689
6	3	90.4	90.4	1434	1956	1348
7	1	56.2	56.2	-	-	1569
8	3	86.6	86.6	1985	1435	1178
9	1	63.9	63.9	-	-	1525
10	2	83.2	83.2	1558	-	1053
11	2	79.7	79.7	1405	-	1898
12	1	56.9	56.9	-	-	1093
13	3	83.8	83.8	1223	1850	1044
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	89.2	13	1539	1866	1854
2	1	58.1	13	-	-	1871
3	2	75.4	13	1756	-	1518
4	2	72.9	13	1743	-	1001
5	3	85.6	13	1502	1209	1775
6	1	59.9	13	-	-	1657
7	3	87.2	13	1339	1601	1625
8	3	99.2	13	1210	1029	1745
9	2	75.7	13	1295	-	1090
10	3	91.9	13	1911	1135	1957
11	1	59.9	13	-	-	1858
12	3	92.6	13	1248	1988	1459
13	1	64.7	13	-	-	1189
14	2	75.9	13	1395	-	1192
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Trial Number:			14			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	1	54.9	10	-	-	1650
2	3	94.6	10	1949	1495	1632
3	3	89.8	10	1176	1385	1600
4	2	69	10	1787	-	1253
5	2	67.4	10	1027	-	1763
6	3	95	10	1231	1046	1695
7	2	75.2	10	1409	-	1040
8	3	87	10	1175	1400	1436
9	2	80	10	1399	-	1815
10	3	96.1	10	1484	1741	1143
11	1	62.9	10	-	-	1283
12	3	85.7	10	1999	1726	1357
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	70	15	1944	-	1373
2	1	66.2	15	-	-	1478
3	1	66.3	15	-	-	1415
4	2	68.8	15	1529	-	1404
5	1	66.5	15	-	-	1164
6	2	75	15	1818	-	1520
7	3	92.2	15	1013	1932	1994
8	1	58	15	-	-	1417
9	1	60	15	-	-	1748
10	1	53.2	15	-	-	1254
11	3	93.6	15	1608	1364	1047
12	3	92.6	15	1698	1088	1137
13	3	87.6	15	1340	1274	1839
14	3	95	15	1236	1712	1661
15	2	82.1	15	1251	-	1353
16	1	63.8	15	-	-	1211
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	51.3	9	-	-	1767
2	2	75.6	9	1367	-	1947
3	1	56.8	9	-	-	1278
4	3	97.7	9	1216	1831	1798
5	2	69.3	9	1082	-	1313
6	1	64.4	9	-	-	1564
7	1	51.2	9	-	-	1733
8	3	92.1	9	1754	1000	1590
9	2	74.1	9	1936	-	1706
10	1	64.2	9	-	-	1523
11	1	62.2	9	-	-	1101
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	62	8	-	-	1751
2	1	58.5	8	-	-	1723
3	1	52.2	8	-	-	1830
4	2	78.1	8	1562	-	1249
5	2	79.4	8	1079	-	1860
6	1	60	8	-	-	1083
7	3	99.9	8	1347	1645	1269
8	3	89.9	8	1642	1148	1986
9	2	71	8	1773	-	1510
10	2	82.9	8	1151	-	1605
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Trial Number:			18			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	1	56.9	10	-	-	1377
2	2	75.4	10	1554	-	1025
3	3	84.9	10	1333	1765	1368
4	1	50.3	10	-	-	1791
5	1	56.6	10	-	-	1896
6	1	65.9	10	-	-	1991
7	1	51.7	10	-	-	1612
8	1	50.9	10	-	-	1511
9	3	97.2	10	1883	1349	1203
10	2	81.4	10	1300	-	1371
11	2	72.4	10	1631	-	1966
12	1	62.9	10	-	-	1757
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	61.4	17	-	-	1882
2	3	85.6	17	1640.000	1602.000	1127
3	1	54.4	17	-	-	1604
4	3	89.3	17	1868.000	1205.000	1703
5	1	65.2	17	-	-	1777
6	1	66.4	17	-	-	1574
7	1	55.6	17	-	-	1474
8	1	64.9	17	-	-	1086
9	2	74.3	17	1022.000	-	1570
10	3	94.7	17	1410.000	1691.000	1636
11	1	52.3	17	-	-	1620
12	1	62.8	17	-	-	1355
13	2	80.2	17	1206.000	-	1076
14	3	99.5	17	1972.000	1517.000	1292
15	1	57.8	17	-	-	1261
16	2	75.1	17	1118.000	-	1259
17	1	64.2	17	-	-	1796
18	2	82.5	17	1387.000	-	1398
19						
20						

Trial Number:			20			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	87.7	20	1194	1336	1219
2	1	55.1	20	-	-	1449
3	1	61.1	20	-	-	1229
4	2	81	20	1571	-	1468
5	3	94.5	20	1672	1552	1561
6	1	50.1	20	-	-	1016
7	2	71.9	20	1522	-	1709
8	3	97.4	20	1298	1827	1755
9	1	62.6	20	-	-	1847
10	3	98.6	20	1828	1761	1004
11	3	99.6	20	1747	1065	1068
12	3	91.2	20	1727	1873	1969
13	2	76.9	20	1225	-	1202
14	2	82.8	20	1294	-	1739
15	3	89.9	20	1624	1583	1783
16	3	99.1	20	1977	1876	1320
17	3	97.2	20	1780	1984	1132
18	1	66.6	20	-	-	1716
19	2	73.7	20	1483	-	1904
20	3	90.1	20	1816	1770	1116

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

Trial Number:			21			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	94.9	20	1005	1443	1553
2	3	83.5	20	1260	1428	1379
3	3	84.3	20	1446	1296	1584
4	1	56	20	-	-	1134
5	1	58.6	20	-	-	1009
6	1	62.2	20	-	-	1669
7	2	73.1	20	1033	-	1105
8	2	72.1	20	1460	-	1146
9	2	70.2	20	1297	-	1145
10	1	57.1	20	-	-	1048
11	1	58.1	20	-	-	1185
12	2	76.6	20	1710	-	1232
13	3	86.7	20	1901	1056	1729
14	1	64.6	20	-	-	1635
15	3	93.8	20	1153	1926	1332
16	2	67.3	20	1630	-	1330
17	1	51.7	20	-	-	1252
18	2	80.4	20	1903	-	1023
19	3	91.1	20	1454	1479	1779
20	1	54.2	20	-	-	1617

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	67.3	19	1557	-	1078
2	2	67.9	19	1123	-	1034
3	1	53.7	19	-	-	1489
4	1	57.1	19	-	-	1582
5	1	65.3	19	-	-	1942
6	2	83.1	19	1228	-	1774
7	2	67.7	19	1909	-	1541
8	2	69.5	19	1555	-	1341
9	2	72.9	19	1230	-	1682
10	2	81.1	19	1235	-	1255
11	1	52.3	19	-	-	1990
12	3	91.2	19	1782	1258	1437
13	1	51.4	19	-	-	1191
14	2	74.2	19	1996	-	1412
15	3	87.7	19	1501	1785	1760
16	1	54.1	19	-	-	1786
17	2	70.9	19	1374	-	1592
18	1	55	19	-	-	1718
19	2	72.4	19	1908	-	1961
20						

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

Trial Number:			23			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	2	82.3	14	1615	-	1358
2	2	77.1	14	1312	-	1026
3	3	99.9	14	1666	1011	1475
4	2	77.1	14	1462	-	1069
5	1	55.4	14	-	-	1627
6	3	90.4	14	1700	1921	1607
7	2	73	14	1905	-	1792
8	1	54.4	14	-	-	1778
9	1	62.2	14	-	-	1433
10	3	89.1	14	1546	1687	1331
11	2	72.6	14	1886	-	1218
12	3	97.4	14	1112	1099	1408
13	2	66.8	14	1067	-	1805
14	2	75.5	14	1958	-	1471
15	2	69.5	14	1513	-	1851
16						
17						
18						
19						
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	72.7	17	1375	-	1369
2	2	77	17	1806	-	1012
3	2	79.7	17	1658	-	1914
4	2	77.2	17	1186	-	1916
5	3	90.8	17	1499	1485	1393
6	2	75.5	17	1644	-	1469
7	3	94.6	17	1622	1623	1326
8	1	53.6	17	-	-	1496
9	3	99.2	17	1396	1407	1927
10	3	89.1	17	1028	1050	1664
11	1	54.8	17	-	-	1954
12	2	66.9	17	1563	-	1197
13	2	75.2	17	1764	-	1861
14	1	62.4	17	-	-	1841
15	2	77	17	1041	-	1649
16	3	89.6	17	1646	1945	1934
17	3	96.4	17	1721	1242	1390
18	3	96.7	17	1245	1452	1457
19						
20						

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

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	57.9	16	-	-	1445
2	1	58.8	16	-	-	1256
3	2	77.2	16	1421	-	1629
4	2	67.5	16	1808	-	1055
5	3	90.8	16	1072	1704	1361
6	3	98.4	16	1801	1598	1363
7	2	66.7	16	1301	-	1174
8	3	92.4	16	1266	1503	1537
9	2	78.6	16	1166	-	1524
10	1	55.4	16	-	-	1717
11	2	80.5	16	1970	-	1031
12	1	50.3	16	-	-	1667
13	3	83.8	16	1458	1634	1506
14	3	85.5	16	1507	1267	1113
15	1	65.6	16	-	-	1647
16	2	81.9	16	1917	-	1948
17	1	51.4	16	-	-	1940
18						
19						
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	60.7	9	-	-	1182
2	2	74.4	9	1673	-	1329
3	3	93.8	9	1403	1929	1097
4	1	64.3	9	-	-	1213
5	3	97	9	1951	1195	1285
6	3	87.8	9	1688	1327	1081
7	2	73.5	9	1024	-	1971
8	1	50.6	9	-	-	1638
9	3	88	9	1451	1939	1533
10	1	50.5	9	-	-	1585
11	2	73.4	9	1036	-	1690
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	97.9	6	1795	1221	1890
2	3	92	6	1337	1588	1766
3	3	85.3	6	1397	1293	1429
4	3	99.5	6	1922	1280	1633
5	2	76.2	6	1129	-	1124
6	1	50.6	6	-	-	1995
7	1	58.8	6	-	-	1170
8	2	66.7	6	1150	-	1788
9	3	92.3	6	1381	1159	1540
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Trial Number:			28			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	1	55.1	14	-	-	1376
2	3	86.2	14	1699	1736	1063
3	2	81.4	14	1952	-	1742
4	1	60.4	14	-	-	1199
5	3	98.5	14	1431	1426	1889
6	3	96.9	14	1750	1915	1656
7	3	89.1	14	1573	1959	1441
8	2	73.1	14	1394	-	1173
9	3	98.8	14	1832	1299	1309
10	1	55.3	14	-	-	1577
11	2	69.4	14	1509	-	1464
12	1	51.3	14	-	-	1352
13	3	93.3	14	1481	1290	1196
14	1	61	14	-	-	1338
15	1	66.3	14	-	-	1998
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19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			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	1	65.1	13	-	-	1155
2	1	52.6	13	-	-	1240
3	2	82.4	13	1392	-	1572
4	1	61	13	-	-	1246
5	2	71.1	13	1683	-	1925
6	1	53.7	13	-	-	1692
7	2	66.9	13	1609	-	1084
8	1	52.8	13	-	-	1679
9	3	97.8	13	1208	1547	1115
10	3	93.3	13	1965	1310	1937
11	3	94.5	13	1141	1797	1960
12	3	86.6	13	1963	1744	1350
13	2	70.2	13	1686	-	1776
14	2	81.1	13	1021	-	1837
15	2	74.2	13	1762	-	1382
16						
17						
18						
19						
20						

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	83.1	16	1335	-	1128
2	2	76.7	16	1187	-	1793
3	3	99	16	1838	1157	1264
4	3	89.6	16	1759	1535	1842
5	3	96.3	16	1314	1486	1045
6	2	74.5	16	1204	-	1032
7	3	93.1	16	1060	1655	1102
8	2	83.3	16	1168	-	1802
9	1	65.9	16	-	-	1811
10	1	50.1	16	-	-	1814
11	3	98.7	16	1109	1781	1829
12	1	50.3	16	-	-	1423
13	1	51.8	16	-	-	1354
14	2	82.6	16	1414	-	1488
15	2	81.2	16	1318	-	1030
16	2	72.1	16	1163	-	1306
17	1	54.6	16	-	-	1054
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DFS Radar Parameters
FCC Radar Type 1
Channel 102 Bandwidth 40MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	1193.32	838	Y
2	8	1519.76	658	Y
3	1	1930.50	518	Y
4	18	1165.50	858	Y
5	11	1392.76	718	Y
6	12	1355.01	738	Y
7	5	1672.24	598	Y
8	9	1474.93	678	Y
9	7	1567.40	638	Y
10	2	1858.74	538	Y
11	14	1285.35	778	Y
12	21	1089.32	918	Y
13	22	1066.10	938	Y
14	12	326.16	3066	Y
15	15	1253.13	798	Y
16		986.19	1014	Y
17		460.62	2171	N
18		1038.42	963	Y
19		1076.43	929	Y
20		777.00	1287	Y
21		419.64	2383	Y
22		838.22	1193	Y
23		434.78	2300	Y
24		1259.45	794	Y
25		477.33	2095	Y
26		1814.88	551	Y
27		442.28	2261	Y
28		372.30	2686	Y
29		331.24	3019	Y
30		1088.14	919	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	26	2.90	221	Y
2	25	2.50	215	Y
3	28	4.40	189	Y
4	27	3.50	175	Y
5	28	3.90	208	Y
6	28	4.10	182	Y
7	29	5.00	225	Y
8	26	2.90	187	Y
9	24	2.00	179	Y
10	27	3.40	217	Y
11	28	4.30	211	Y
12	25	2.70	192	Y
13	26	3.00	214	Y
14	25	2.40	207	Y
15	27	3.60	174	Y
16	25	2.20	164	Y
17	24	1.80	197	Y
18	25	2.50	218	Y
19	28	4.20	205	Y
20	29	5.00	209	Y
21	29	4.90	185	Y
22	29	4.60	224	Y
23	27	3.30	159	Y
24	28	4.20	171	Y
25	28	4.00	181	Y
26	25	2.20	198	Y
27	23	1.30	195	Y
28	27	3.40	173	Y
29	26	3.20	191	Y
30	28	4.00	186	Y

DFS Radar Parameters
FCC Radar Type 3
Channel 102 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	7.90	275	Y
2	17	7.50	373	Y
3	18	9.40	312	Y
4	17	8.50	336	Y
5	18	8.90	429	Y
6	18	9.10	242	Y
7	18	10.00	265	Y
8	17	7.90	424	Y
9	16	7.00	442	Y
10	17	8.40	378	Y
11	18	9.30	494	Y
12	17	7.70	293	Y
13	17	8.00	364	Y
14	17	7.40	478	Y
15	17	8.60	341	Y
16	16	7.20	306	Y
17	16	6.80	468	N
18	17	7.50	313	Y
19	18	9.20	345	Y
20	18	10.00	484	Y
21	18	9.90	310	Y
22	18	9.60	473	Y
23	17	8.30	210	Y
24	18	9.20	346	Y
25	18	9.00	461	Y
26	16	7.20	411	Y
27	16	6.30	266	Y
28	17	8.40	377	Y
29	17	8.20	402	Y
30	18	9.00	420	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.20	275	N
2	13	14.40	373	N
3	16	18.70	312	Y
4	15	16.50	336	Y
5	15	17.60	429	Y
6	15	17.90	242	Y
7	16	20.00	265	Y
8	14	15.20	424	Y
9	13	13.30	442	Y
10	14	16.40	378	Y
11	16	18.30	494	Y
12	14	14.70	293	Y
13	14	15.60	364	Y
14	13	14.20	478	Y
15	15	16.70	341	Y
16	13	13.70	306	Y
17	13	12.80	468	N
18	13	14.30	313	Y
19	16	18.30	345	Y
20	16	19.90	484	Y
21	16	19.60	310	Y
22	16	19.00	473	Y
23	14	16.30	210	Y
24	16	18.20	346	Y
25	15	17.60	461	Y
26	13	13.70	411	Y
27	12	11.80	266	Y
28	14	16.30	377	Y
29	14	16.00	402	N
30	15	17.70	420	Y

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

Trial Number:			1			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	2	73.3	12	1317	-	1575
2	2	69	12	1826	-	1018
3	3	92.7	12	1566	1693	1715
4	2	80.5	12	1062	-	1442
5	3	86.5	12	2000	1565	1544
6	3	88	12	1360	1907	1596
7	3	100	12	1856	1618	1138
8	2	73.4	12	1497	-	1671
9	1	62.7	12	-	-	1578
10	2	79.9	12	1935	-	1094
11	3	90.4	12	1482	1843	1946
12	2	70.8	12	1576	-	1119
13	2	75.5	12	1820	-	1885
14	2	67.9	12	1910	-	1142
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Trial Number:			2			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	2	81.8	11	1738	-	1279
2	1	65.2	11	-	-	1085
3	1	60	11	-	-	1494
4	2	68.3	11	1222	-	1512
5	3	90.2	11	1288	1730	1923
6	3	99.3	11	1365	1125	1051
7	3	97.7	11	1675	1660	1212
8	3	94.3	11	1430	1311	1835
9	2	79.3	11	1734	-	1042
10	3	90.1	11	1074	1597	1637
11	3	86.7	11	1447	1117	1874
12	1	65.1	11	-	-	1812
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5510			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	54.8	18	-	-	1402
2	2	79.5	18	1286	-	1343
3	2	77.8	18	1275	-	1111
4	3	87.2	18	1881	1887	1413
5	2	77.3	18	1383	-	1950
6	3	96.5	18	1527	1731	1769
7	1	59.8	18	-	-	1061
8	2	82.6	18	1531	-	1809
9	1	62.2	18	-	-	1979
10	1	60.7	18	-	-	1918
11	3	99.4	18	1987	1714	1568
12	1	64.3	18	-	-	1599
13	2	68.9	18	1172	-	1490
14	2	76.1	18	1110	-	1606
15	2	73.8	18	1880	-	1438
16	3	95	18	1613	1870	1302
17	2	82.1	18	1122	-	1725
18	3	96.8	18	1707	1120	1389
19	2	79	18	1201	-	1247
20						

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5510			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	71.2	14	1930	-	1735
2	2	68.9	14	1003	-	1039
3	1	50.5	14	-	-	1595
4	2	74.2	14	1470	-	1790
5	2	67.7	14	1943	-	1244
6	2	70.7	14	1049	-	1746
7	1	56	14	-	-	1941
8	3	84.5	14	1303	1696	1924
9	3	89.4	14	1648	1542	1007
10	1	55	14	-	-	1156
11	2	79.1	14	1591	-	1863
12	3	89.8	14	1420	1130	1865
13	1	52.6	14	-	-	1037
14	3	93.9	14	1215	1133	1981
15	2	71.4	14	1536	-	1603
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19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5510			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	83.1	16	1708	-	1845
2	2	70.4	16	1665	-	1626
3	3	95.6	16	1611	1784	1250
4	2	75.5	16	1593	-	1378
5	1	52.6	16	-	-	1768
6	3	94	16	1997	1087	1198
7	1	61	16	-	-	1641
8	3	93	16	1006	1238	1372
9	1	55.6	16	-	-	1732
10	2	71.1	16	1772	-	1370
11	1	65.9	16	-	-	1532
12	3	95.8	16	1728	1964	1114
13	3	99.5	16	1836	1059	1075
14	1	64.1	16	-	-	1321
15	2	75.5	16	1853	-	1020
16	1	52.6	16	-	-	1919
17	1	62.1	16	-	-	1193
18						
19						
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	82.5	17	1505	-	1289
2	1	61.1	17	-	-	1487
3	1	65.4	17	-	-	1080
4	3	96.3	17	1165	1980	1058
5	1	54.3	17	-	-	1388
6	1	55.2	17	-	-	1894
7	1	60.1	17	-	-	1096
8	1	66.5	17	-	-	1380
9	2	71.2	17	1551	-	1461
10	1	62	17	-	-	1366
11	2	70.5	17	1938	-	1975
12	2	77.5	17	1073	-	1519
13	2	83.2	17	1010	-	1556
14	2	70.9	17	1879	-	1962
15	3	96.8	17	1144	1530	1177
16	2	70.5	17	1628	-	1147
17	3	97.5	17	1639	1684	1719
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			7			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	93	20	1543	1967	1498
2	1	53.3	20	-	-	1448
3	3	99.5	20	1136	1070	1807
4	1	56.5	20	-	-	1794
5	3	94.2	20	1681	1862	1740
6	3	85.1	20	1257	1652	1724
7	1	60.2	20	-	-	1902
8	2	75.9	20	1989	-	1875
9	3	94.9	20	1323	1351	1933
10	1	53.1	20	-	-	1803
11	1	51.7	20	-	-	1315
12	2	74.9	20	1663	-	1813
13	1	56.6	20	-	-	1824
14	2	70.3	20	1121	-	1869
15	1	63.9	20	-	-	1685
16	1	52.3	20	-	-	1224
17	2	66.9	20	1328	-	1071
18	1	57.3	20	-	-	1749
19	3	91.5	20	1272	1281	1015
20	2	78.4	20	1659	-	1017

Trial Number:			8			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	2	75.2	12	1892	-	1586
2	2	78.7	12	1819	-	1268
3	1	65.1	12	-	-	1697
4	3	85.4	12	1473	1616	1567
5	1	59	12	-	-	1160
6	2	81.4	12	1823	-	1737
7	2	81.9	12	1983	-	1325
8	3	90.6	12	1271	1291	1270
9	1	65.5	12	-	-	1857
10	2	72.5	12	1514	-	1872
11	1	50.2	12	-	-	1834
12	2	69.1	12	1492	-	1538
13	2	75.3	12	1237	-	1126
14	1	51.9	12	-	-	1169
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	71.2	9	1840	-	1095
2	2	72.1	9	1993	-	1108
3	1	53.2	9	-	-	1455
4	1	55.6	9	-	-	1846
5	3	88.3	9	1465	1610	1425
6	2	76	9	1324	-	1913
7	1	55.2	9	-	-	1179
8	2	70.3	9	1680	-	1928
9	1	59.5	9	-	-	1287
10	1	52.1	9	-	-	1002
11	1	58.3	9	-	-	1263
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Trial Number:			10			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	91.6	14	1789	1859	1104
2	1	64.6	14	-	-	1580
3	3	91.7	14	1713	1651	1893
4	1	56.5	14	-	-	1422
5	2	75.1	14	1891	-	1799
6	1	66.2	14	-	-	1162
7	1	63.6	14	-	-	1899
8	1	55.2	14	-	-	1345
9	3	92.1	14	1817	1427	1992
10	2	72.3	14	1432	-	1233
11	1	64.2	14	-	-	1316
12	3	88.3	14	1214	1200	1678
13	1	64	14	-	-	1559
14	3	97.5	14	1545	1304	1884
15	1	62.8	14	-	-	1406
16						
17						
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	53.1	17	-	-	1504
2	2	69.7	17	1167	-	1752
3	1	60.4	17	-	-	1158
4	2	72.4	17	1064	-	1043
5	1	52.9	17	-	-	1282
6	2	82.7	17	1550	-	1463
7	3	99.7	17	1089	2000	1440
8	1	54.7	17	-	-	1674
9	3	99.2	17	1181	1771	1276
10	3	91.9	17	1154	1243	1014
11	3	99.2	17	1848	1968	1171
12	1	61.3	17	-	-	1493
13	2	69	17	1319	-	1092
14	1	65.5	17	-	-	1973
15	2	73.1	17	1867	-	1411
16	1	54.8	17	-	-	1052
17	2	69.2	17	1619	-	1284
18	1	63	17	-	-	1587
19						
20						

Trial Number:			12			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	2	77.1	77.1	1720	-	1864
2	2	67.5	67.5	1833	-	1825
3	2	66.7	66.7	1476	-	1207
4	3	90.3	90.3	1391	1419	1560
5	3	84	84	1897	1057	1689
6	3	90.4	90.4	1434	1956	1348
7	1	56.2	56.2	-	-	1569
8	3	86.6	86.6	1985	1435	1178
9	1	63.9	63.9	-	-	1525
10	2	83.2	83.2	1558	-	1053
11	2	79.7	79.7	1405	-	1898
12	1	56.9	56.9	-	-	1093
13	3	83.8	83.8	1223	1850	1044
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			13			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	3	89.2	13	1539	1866	1854
2	1	58.1	13	-	-	1871
3	2	75.4	13	1756	-	1518
4	2	72.9	13	1743	-	1001
5	3	85.6	13	1502	1209	1775
6	1	59.9	13	-	-	1657
7	3	87.2	13	1339	1601	1625
8	3	99.2	13	1210	1029	1745
9	2	75.7	13	1295	-	1090
10	3	91.9	13	1911	1135	1957
11	1	59.9	13	-	-	1858
12	3	92.6	13	1248	1988	1459
13	1	64.7	13	-	-	1189
14	2	75.9	13	1395	-	1192
15						
16						
17						
18						
19						
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Trial Number:			14			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	54.9	10	-	-	1650
2	3	94.6	10	1949	1495	1632
3	3	89.8	10	1176	1385	1600
4	2	69	10	1787	-	1253
5	2	67.4	10	1027	-	1763
6	3	95	10	1231	1046	1695
7	2	75.2	10	1409	-	1040
8	3	87	10	1175	1400	1436
9	2	80	10	1399	-	1815
10	3	96.1	10	1484	1741	1143
11	1	62.9	10	-	-	1283
12	3	85.7	10	1999	1726	1357
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	70	15	1944	-	1373
2	1	66.2	15	-	-	1478
3	1	66.3	15	-	-	1415
4	2	68.8	15	1529	-	1404
5	1	66.5	15	-	-	1164
6	2	75	15	1818	-	1520
7	3	92.2	15	1013	1932	1994
8	1	58	15	-	-	1417
9	1	60	15	-	-	1748
10	1	53.2	15	-	-	1254
11	3	93.6	15	1608	1364	1047
12	3	92.6	15	1698	1088	1137
13	3	87.6	15	1340	1274	1839
14	3	95	15	1236	1712	1661
15	2	82.1	15	1251	-	1353
16	1	63.8	15	-	-	1211
17						
18						
19						
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	51.3	9	-	-	1767
2	2	75.6	9	1367	-	1947
3	1	56.8	9	-	-	1278
4	3	97.7	9	1216	1831	1798
5	2	69.3	9	1082	-	1313
6	1	64.4	9	-	-	1564
7	1	51.2	9	-	-	1733
8	3	92.1	9	1754	1000	1590
9	2	74.1	9	1936	-	1706
10	1	64.2	9	-	-	1523
11	1	62.2	9	-	-	1101
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	62	8	-	-	1751
2	1	58.5	8	-	-	1723
3	1	52.2	8	-	-	1830
4	2	78.1	8	1562	-	1249
5	2	79.4	8	1079	-	1860
6	1	60	8	-	-	1083
7	3	99.9	8	1347	1645	1269
8	3	89.9	8	1642	1148	1986
9	2	71	8	1773	-	1510
10	2	82.9	8	1151	-	1605
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5510			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	56.9	10	-	-	1377
2	2	75.4	10	1554	-	1025
3	3	84.9	10	1333	1765	1368
4	1	50.3	10	-	-	1791
5	1	56.6	10	-	-	1896
6	1	65.9	10	-	-	1991
7	1	51.7	10	-	-	1612
8	1	50.9	10	-	-	1511
9	3	97.2	10	1883	1349	1203
10	2	81.4	10	1300	-	1371
11	2	72.4	10	1631	-	1966
12	1	62.9	10	-	-	1757
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	61.4	17	-	-	1882
2	3	85.6	17	1640.000	1602.000	1127
3	1	54.4	17	-	-	1604
4	3	89.3	17	1868.000	1205.000	1703
5	1	65.2	17	-	-	1777
6	1	66.4	17	-	-	1574
7	1	55.6	17	-	-	1474
8	1	64.9	17	-	-	1086
9	2	74.3	17	1022.000	-	1570
10	3	94.7	17	1410.000	1691.000	1636
11	1	52.3	17	-	-	1620
12	1	62.8	17	-	-	1355
13	2	80.2	17	1206.000	-	1076
14	3	99.5	17	1972.000	1517.000	1292
15	1	57.8	17	-	-	1261
16	2	75.1	17	1118.000	-	1259
17	1	64.2	17	-	-	1796
18	2	82.5	17	1387.000	-	1398
19						
20						

Trial Number:			20			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	87.7	20	1194	1336	1219
2	1	55.1	20	-	-	1449
3	1	61.1	20	-	-	1229
4	2	81	20	1571	-	1468
5	3	94.5	20	1672	1552	1561
6	1	50.1	20	-	-	1016
7	2	71.9	20	1522	-	1709
8	3	97.4	20	1298	1827	1755
9	1	62.6	20	-	-	1847
10	3	98.6	20	1828	1761	1004
11	3	99.6	20	1747	1065	1068
12	3	91.2	20	1727	1873	1969
13	2	76.9	20	1225	-	1202
14	2	82.8	20	1294	-	1739
15	3	89.9	20	1624	1583	1783
16	3	99.1	20	1977	1876	1320
17	3	97.2	20	1780	1984	1132
18	1	66.6	20	-	-	1716
19	2	73.7	20	1483	-	1904
20	3	90.1	20	1816	1770	1116

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

Trial Number:			21			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	94.9	20	1005	1443	1553
2	3	83.5	20	1260	1428	1379
3	3	84.3	20	1446	1296	1584
4	1	56	20	-	-	1134
5	1	58.6	20	-	-	1009
6	1	62.2	20	-	-	1669
7	2	73.1	20	1033	-	1105
8	2	72.1	20	1460	-	1146
9	2	70.2	20	1297	-	1145
10	1	57.1	20	-	-	1048
11	1	58.1	20	-	-	1185
12	2	76.6	20	1710	-	1232
13	3	86.7	20	1901	1056	1729
14	1	64.6	20	-	-	1635
15	3	93.8	20	1153	1926	1332
16	2	67.3	20	1630	-	1330
17	1	51.7	20	-	-	1252
18	2	80.4	20	1903	-	1023
19	3	91.1	20	1454	1479	1779
20	1	54.2	20	-	-	1617

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	67.3	19	1557	-	1078
2	2	67.9	19	1123	-	1034
3	1	53.7	19	-	-	1489
4	1	57.1	19	-	-	1582
5	1	65.3	19	-	-	1942
6	2	83.1	19	1228	-	1774
7	2	67.7	19	1909	-	1541
8	2	69.5	19	1555	-	1341
9	2	72.9	19	1230	-	1682
10	2	81.1	19	1235	-	1255
11	1	52.3	19	-	-	1990
12	3	91.2	19	1782	1258	1437
13	1	51.4	19	-	-	1191
14	2	74.2	19	1996	-	1412
15	3	87.7	19	1501	1785	1760
16	1	54.1	19	-	-	1786
17	2	70.9	19	1374	-	1592
18	1	55	19	-	-	1718
19	2	72.4	19	1908	-	1961
20						

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

Trial Number:			23			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	2	82.3	14	1615	-	1358
2	2	77.1	14	1312	-	1026
3	3	99.9	14	1666	1011	1475
4	2	77.1	14	1462	-	1069
5	1	55.4	14	-	-	1627
6	3	90.4	14	1700	1921	1607
7	2	73	14	1905	-	1792
8	1	54.4	14	-	-	1778
9	1	62.2	14	-	-	1433
10	3	89.1	14	1546	1687	1331
11	2	72.6	14	1886	-	1218
12	3	97.4	14	1112	1099	1408
13	2	66.8	14	1067	-	1805
14	2	75.5	14	1958	-	1471
15	2	69.5	14	1513	-	1851
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18						
19						
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	72.7	17	1375	-	1369
2	2	77	17	1806	-	1012
3	2	79.7	17	1658	-	1914
4	2	77.2	17	1186	-	1916
5	3	90.8	17	1499	1485	1393
6	2	75.5	17	1644	-	1469
7	3	94.6	17	1622	1623	1326
8	1	53.6	17	-	-	1496
9	3	99.2	17	1396	1407	1927
10	3	89.1	17	1028	1050	1664
11	1	54.8	17	-	-	1954
12	2	66.9	17	1563	-	1197
13	2	75.2	17	1764	-	1861
14	1	62.4	17	-	-	1841
15	2	77	17	1041	-	1649
16	3	89.6	17	1646	1945	1934
17	3	96.4	17	1721	1242	1390
18	3	96.7	17	1245	1452	1457
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	57.9	16	-	-	1445
2	1	58.8	16	-	-	1256
3	2	77.2	16	1421	-	1629
4	2	67.5	16	1808	-	1055
5	3	90.8	16	1072	1704	1361
6	3	98.4	16	1801	1598	1363
7	2	66.7	16	1301	-	1174
8	3	92.4	16	1266	1503	1537
9	2	78.6	16	1166	-	1524
10	1	55.4	16	-	-	1717
11	2	80.5	16	1970	-	1031
12	1	50.3	16	-	-	1667
13	3	83.8	16	1458	1634	1506
14	3	85.5	16	1507	1267	1113
15	1	65.6	16	-	-	1647
16	2	81.9	16	1917	-	1948
17	1	51.4	16	-	-	1940
18						
19						
20						

Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	60.7	9	-	-	1182
2	2	74.4	9	1673	-	1329
3	3	93.8	9	1403	1929	1097
4	1	64.3	9	-	-	1213
5	3	97	9	1951	1195	1285
6	3	87.8	9	1688	1327	1081
7	2	73.5	9	1024	-	1971
8	1	50.6	9	-	-	1638
9	3	88	9	1451	1939	1533
10	1	50.5	9	-	-	1585
11	2	73.4	9	1036	-	1690
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	97.9	6	1795	1221	1890
2	3	92	6	1337	1588	1766
3	3	85.3	6	1397	1293	1429
4	3	99.5	6	1922	1280	1633
5	2	76.2	6	1129	-	1124
6	1	50.6	6	-	-	1995
7	1	58.8	6	-	-	1170
8	2	66.7	6	1150	-	1788
9	3	92.3	6	1381	1159	1540
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Trial Number:			28			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	1	55.1	14	-	-	1376
2	3	86.2	14	1699	1736	1063
3	2	81.4	14	1952	-	1742
4	1	60.4	14	-	-	1199
5	3	98.5	14	1431	1426	1889
6	3	96.9	14	1750	1915	1656
7	3	89.1	14	1573	1959	1441
8	2	73.1	14	1394	-	1173
9	3	98.8	14	1832	1299	1309
10	1	55.3	14	-	-	1577
11	2	69.4	14	1509	-	1464
12	1	51.3	14	-	-	1352
13	3	93.3	14	1481	1290	1196
14	1	61	14	-	-	1338
15	1	66.3	14	-	-	1998
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19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			29			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	1	65.1	13	-	-	1155
2	1	52.6	13	-	-	1240
3	2	82.4	13	1392	-	1572
4	1	61	13	-	-	1246
5	2	71.1	13	1683	-	1925
6	1	53.7	13	-	-	1692
7	2	66.9	13	1609	-	1084
8	1	52.8	13	-	-	1679
9	3	97.8	13	1208	1547	1115
10	3	93.3	13	1965	1310	1937
11	3	94.5	13	1141	1797	1960
12	3	86.6	13	1963	1744	1350
13	2	70.2	13	1686	-	1776
14	2	81.1	13	1021	-	1837
15	2	74.2	13	1762	-	1382
16						
17						
18						
19						
20						

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	83.1	16	1335	-	1128
2	2	76.7	16	1187	-	1793
3	3	99	16	1838	1157	1264
4	3	89.6	16	1759	1535	1842
5	3	96.3	16	1314	1486	1045
6	2	74.5	16	1204	-	1032
7	3	93.1	16	1060	1655	1102
8	2	83.3	16	1168	-	1802
9	1	65.9	16	-	-	1811
10	1	50.1	16	-	-	1814
11	3	98.7	16	1109	1781	1829
12	1	50.3	16	-	-	1423
13	1	51.8	16	-	-	1354
14	2	82.6	16	1414	-	1488
15	2	81.2	16	1318	-	1030
16	2	72.1	16	1163	-	1306
17	1	54.6	16	-	-	1054
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DFS Radar Parameters
FCC Radar Type 1
Channel 106 Bandwidth 80MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	1193.32	838	Y
2	8	1519.76	658	Y
3	1	1930.50	518	Y
4	18	1165.50	858	Y
5	11	1392.76	718	Y
6	12	1355.01	738	Y
7	5	1672.24	598	Y
8	9	1474.93	678	Y
9	7	1567.40	638	Y
10	2	1858.74	538	Y
11	14	1285.35	778	Y
12	21	1089.32	918	N
13	22	1066.10	938	Y
14	12	326.16	3066	Y
15	15	1253.13	798	Y
16		986.19	1014	Y
17		460.62	2171	Y
18		1038.42	963	Y
19		1076.43	929	Y
20		777.00	1287	Y
21		419.64	2383	Y
22		838.22	1193	N
23		434.78	2300	Y
24		1259.45	794	Y
25		477.33	2095	Y
26		1814.88	551	Y
27		442.28	2261	Y
28		372.30	2686	Y
29		331.24	3019	Y
30		1088.14	919	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	26	2.90	221	Y
2	25	2.50	215	Y
3	28	4.40	189	Y
4	27	3.50	175	Y
5	28	3.90	208	Y
6	28	4.10	182	Y
7	29	5.00	225	Y
8	26	2.90	187	Y
9	24	2.00	179	Y
10	27	3.40	217	Y
11	28	4.30	211	Y
12	25	2.70	192	Y
13	26	3.00	214	Y
14	25	2.40	207	Y
15	27	3.60	174	Y
16	25	2.20	164	N
17	24	1.80	197	Y
18	25	2.50	218	Y
19	28	4.20	205	Y
20	29	5.00	209	Y
21	29	4.90	185	Y
22	29	4.60	224	Y
23	27	3.30	159	Y
24	28	4.20	171	Y
25	28	4.00	181	Y
26	25	2.20	198	Y
27	23	1.30	195	Y
28	27	3.40	173	Y
29	26	3.20	191	Y
30	28	4.00	186	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	7.90	275	N
2	17	7.50	373	Y
3	18	9.40	312	Y
4	17	8.50	336	Y
5	18	8.90	429	Y
6	18	9.10	242	Y
7	18	10.00	265	Y
8	17	7.90	424	Y
9	16	7.00	442	Y
10	17	8.40	378	Y
11	18	9.30	494	Y
12	17	7.70	293	Y
13	17	8.00	364	Y
14	17	7.40	478	Y
15	17	8.60	341	N
16	16	7.20	306	Y
17	16	6.80	468	Y
18	17	7.50	313	N
19	18	9.20	345	Y
20	18	10.00	484	Y
21	18	9.90	310	Y
22	18	9.60	473	N
23	17	8.30	210	Y
24	18	9.20	346	Y
25	18	9.00	461	Y
26	16	7.20	411	Y
27	16	6.30	266	N
28	17	8.40	377	Y
29	17	8.20	402	Y
30	18	9.00	420	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.20	275	Y
2	13	14.40	373	Y
3	16	18.70	312	Y
4	15	16.50	336	Y
5	15	17.60	429	Y
6	15	17.90	242	Y
7	16	20.00	265	Y
8	14	15.20	424	Y
9	13	13.30	442	Y
10	14	16.40	378	Y
11	16	18.30	494	Y
12	14	14.70	293	Y
13	14	15.60	364	N
14	13	14.20	478	Y
15	15	16.70	341	Y
16	13	13.70	306	N
17	13	12.80	468	Y
18	13	14.30	313	N
19	16	18.30	345	Y
20	16	19.90	484	Y
21	16	19.60	310	Y
22	16	19.00	473	Y
23	14	16.30	210	N
24	16	18.20	346	Y
25	15	17.60	461	Y
26	13	13.70	411	Y
27	12	11.80	266	Y
28	14	16.30	377	Y
29	14	16.00	402	Y
30	15	17.70	420	Y

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

Trial Number:			1			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	2	73.3	12	1317	-	1575
2	2	69	12	1826	-	1018
3	3	92.7	12	1566	1693	1715
4	2	80.5	12	1062	-	1442
5	3	86.5	12	2000	1565	1544
6	3	88	12	1360	1907	1596
7	3	100	12	1856	1618	1138
8	2	73.4	12	1497	-	1671
9	1	62.7	12	-	-	1578
10	2	79.9	12	1935	-	1094
11	3	90.4	12	1482	1843	1946
12	2	70.8	12	1576	-	1119
13	2	75.5	12	1820	-	1885
14	2	67.9	12	1910	-	1142
15						
16						
17						
18						
19						
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5530			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	81.8	11	1738	-	1279
2	1	65.2	11	-	-	1085
3	1	60	11	-	-	1494
4	2	68.3	11	1222	-	1512
5	3	90.2	11	1288	1730	1923
6	3	99.3	11	1365	1125	1051
7	3	97.7	11	1675	1660	1212
8	3	94.3	11	1430	1311	1835
9	2	79.3	11	1734	-	1042
10	3	90.1	11	1074	1597	1637
11	3	86.7	11	1447	1117	1874
12	1	65.1	11	-	-	1812
13						
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Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	54.8	18	-	-	1402
2	2	79.5	18	1286	-	1343
3	2	77.8	18	1275	-	1111
4	3	87.2	18	1881	1887	1413
5	2	77.3	18	1383	-	1950
6	3	96.5	18	1527	1731	1769
7	1	59.8	18	-	-	1061
8	2	82.6	18	1531	-	1809
9	1	62.2	18	-	-	1979
10	1	60.7	18	-	-	1918
11	3	99.4	18	1987	1714	1568
12	1	64.3	18	-	-	1599
13	2	68.9	18	1172	-	1490
14	2	76.1	18	1110	-	1606
15	2	73.8	18	1880	-	1438
16	3	95	18	1613	1870	1302
17	2	82.1	18	1122	-	1725
18	3	96.8	18	1707	1120	1389
19	2	79	18	1201	-	1247
20						

Trial Number:			4			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	2	71.2	14	1930	-	1735
2	2	68.9	14	1003	-	1039
3	1	50.5	14	-	-	1595
4	2	74.2	14	1470	-	1790
5	2	67.7	14	1943	-	1244
6	2	70.7	14	1049	-	1746
7	1	56	14	-	-	1941
8	3	84.5	14	1303	1696	1924
9	3	89.4	14	1648	1542	1007
10	1	55	14	-	-	1156
11	2	79.1	14	1591	-	1863
12	3	89.8	14	1420	1130	1865
13	1	52.6	14	-	-	1037
14	3	93.9	14	1215	1133	1981
15	2	71.4	14	1536	-	1603
16						
17						
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19						
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Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	83.1	16	1708	-	1845
2	2	70.4	16	1665	-	1626
3	3	95.6	16	1611	1784	1250
4	2	75.5	16	1593	-	1378
5	1	52.6	16	-	-	1768
6	3	94	16	1997	1087	1198
7	1	61	16	-	-	1641
8	3	93	16	1006	1238	1372
9	1	55.6	16	-	-	1732
10	2	71.1	16	1772	-	1370
11	1	65.9	16	-	-	1532
12	3	95.8	16	1728	1964	1114
13	3	99.5	16	1836	1059	1075
14	1	64.1	16	-	-	1321
15	2	75.5	16	1853	-	1020
16	1	52.6	16	-	-	1919
17	1	62.1	16	-	-	1193
18						
19						
20						

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	82.5	17	1505	-	1289
2	1	61.1	17	-	-	1487
3	1	65.4	17	-	-	1080
4	3	96.3	17	1165	1980	1058
5	1	54.3	17	-	-	1388
6	1	55.2	17	-	-	1894
7	1	60.1	17	-	-	1096
8	1	66.5	17	-	-	1380
9	2	71.2	17	1551	-	1461
10	1	62	17	-	-	1366
11	2	70.5	17	1938	-	1975
12	2	77.5	17	1073	-	1519
13	2	83.2	17	1010	-	1556
14	2	70.9	17	1879	-	1962
15	3	96.8	17	1144	1530	1177
16	2	70.5	17	1628	-	1147
17	3	97.5	17	1639	1684	1719
18						
19						
20						

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Trial Number:			7			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	93	20	1543	1967	1498
2	1	53.3	20	-	-	1448
3	3	99.5	20	1136	1070	1807
4	1	56.5	20	-	-	1794
5	3	94.2	20	1681	1862	1740
6	3	85.1	20	1257	1652	1724
7	1	60.2	20	-	-	1902
8	2	75.9	20	1989	-	1875
9	3	94.9	20	1323	1351	1933
10	1	53.1	20	-	-	1803
11	1	51.7	20	-	-	1315
12	2	74.9	20	1663	-	1813
13	1	56.6	20	-	-	1824
14	2	70.3	20	1121	-	1869
15	1	63.9	20	-	-	1685
16	1	52.3	20	-	-	1224
17	2	66.9	20	1328	-	1071
18	1	57.3	20	-	-	1749
19	3	91.5	20	1272	1281	1015
20	2	78.4	20	1659	-	1017

Trial Number:			8			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	2	75.2	12	1892	-	1586
2	2	78.7	12	1819	-	1268
3	1	65.1	12	-	-	1697
4	3	85.4	12	1473	1616	1567
5	1	59	12	-	-	1160
6	2	81.4	12	1823	-	1737
7	2	81.9	12	1983	-	1325
8	3	90.6	12	1271	1291	1270
9	1	65.5	12	-	-	1857
10	2	72.5	12	1514	-	1872
11	1	50.2	12	-	-	1834
12	2	69.1	12	1492	-	1538
13	2	75.3	12	1237	-	1126
14	1	51.9	12	-	-	1169
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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	71.2	9	1840	-	1095
2	2	72.1	9	1993	-	1108
3	1	53.2	9	-	-	1455
4	1	55.6	9	-	-	1846
5	3	88.3	9	1465	1610	1425
6	2	76	9	1324	-	1913
7	1	55.2	9	-	-	1179
8	2	70.3	9	1680	-	1928
9	1	59.5	9	-	-	1287
10	1	52.1	9	-	-	1002
11	1	58.3	9	-	-	1263
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19						
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5530			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	91.6	14	1789	1859	1104
2	1	64.6	14	-	-	1580
3	3	91.7	14	1713	1651	1893
4	1	56.5	14	-	-	1422
5	2	75.1	14	1891	-	1799
6	1	66.2	14	-	-	1162
7	1	63.6	14	-	-	1899
8	1	55.2	14	-	-	1345
9	3	92.1	14	1817	1427	1992
10	2	72.3	14	1432	-	1233
11	1	64.2	14	-	-	1316
12	3	88.3	14	1214	1200	1678
13	1	64	14	-	-	1559
14	3	97.5	14	1545	1304	1884
15	1	62.8	14	-	-	1406
16						
17						
18						
19						
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	53.1	17	-	-	1504
2	2	69.7	17	1167	-	1752
3	1	60.4	17	-	-	1158
4	2	72.4	17	1064	-	1043
5	1	52.9	17	-	-	1282
6	2	82.7	17	1550	-	1463
7	3	99.7	17	1089	2000	1440
8	1	54.7	17	-	-	1674
9	3	99.2	17	1181	1771	1276
10	3	91.9	17	1154	1243	1014
11	3	99.2	17	1848	1968	1171
12	1	61.3	17	-	-	1493
13	2	69	17	1319	-	1092
14	1	65.5	17	-	-	1973
15	2	73.1	17	1867	-	1411
16	1	54.8	17	-	-	1052
17	2	69.2	17	1619	-	1284
18	1	63	17	-	-	1587
19						
20						

Trial Number:			12			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	2	77.1	77.1	1720	-	1864
2	2	67.5	67.5	1833	-	1825
3	2	66.7	66.7	1476	-	1207
4	3	90.3	90.3	1391	1419	1560
5	3	84	84	1897	1057	1689
6	3	90.4	90.4	1434	1956	1348
7	1	56.2	56.2	-	-	1569
8	3	86.6	86.6	1985	1435	1178
9	1	63.9	63.9	-	-	1525
10	2	83.2	83.2	1558	-	1053
11	2	79.7	79.7	1405	-	1898
12	1	56.9	56.9	-	-	1093
13	3	83.8	83.8	1223	1850	1044
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Trial Number:			13			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	3	89.2	13	1539	1866	1854
2	1	58.1	13	-	-	1871
3	2	75.4	13	1756	-	1518
4	2	72.9	13	1743	-	1001
5	3	85.6	13	1502	1209	1775
6	1	59.9	13	-	-	1657
7	3	87.2	13	1339	1601	1625
8	3	99.2	13	1210	1029	1745
9	2	75.7	13	1295	-	1090
10	3	91.9	13	1911	1135	1957
11	1	59.9	13	-	-	1858
12	3	92.6	13	1248	1988	1459
13	1	64.7	13	-	-	1189
14	2	75.9	13	1395	-	1192
15						
16						
17						
18						
19						
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5530			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	54.9	10	-	-	1650
2	3	94.6	10	1949	1495	1632
3	3	89.8	10	1176	1385	1600
4	2	69	10	1787	-	1253
5	2	67.4	10	1027	-	1763
6	3	95	10	1231	1046	1695
7	2	75.2	10	1409	-	1040
8	3	87	10	1175	1400	1436
9	2	80	10	1399	-	1815
10	3	96.1	10	1484	1741	1143
11	1	62.9	10	-	-	1283
12	3	85.7	10	1999	1726	1357
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	70	15	1944	-	1373
2	1	66.2	15	-	-	1478
3	1	66.3	15	-	-	1415
4	2	68.8	15	1529	-	1404
5	1	66.5	15	-	-	1164
6	2	75	15	1818	-	1520
7	3	92.2	15	1013	1932	1994
8	1	58	15	-	-	1417
9	1	60	15	-	-	1748
10	1	53.2	15	-	-	1254
11	3	93.6	15	1608	1364	1047
12	3	92.6	15	1698	1088	1137
13	3	87.6	15	1340	1274	1839
14	3	95	15	1236	1712	1661
15	2	82.1	15	1251	-	1353
16	1	63.8	15	-	-	1211
17						
18						
19						
20						

Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	51.3	9	-	-	1767
2	2	75.6	9	1367	-	1947
3	1	56.8	9	-	-	1278
4	3	97.7	9	1216	1831	1798
5	2	69.3	9	1082	-	1313
6	1	64.4	9	-	-	1564
7	1	51.2	9	-	-	1733
8	3	92.1	9	1754	1000	1590
9	2	74.1	9	1936	-	1706
10	1	64.2	9	-	-	1523
11	1	62.2	9	-	-	1101
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5530			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	62	8	-	-	1751
2	1	58.5	8	-	-	1723
3	1	52.2	8	-	-	1830
4	2	78.1	8	1562	-	1249
5	2	79.4	8	1079	-	1860
6	1	60	8	-	-	1083
7	3	99.9	8	1347	1645	1269
8	3	89.9	8	1642	1148	1986
9	2	71	8	1773	-	1510
10	2	82.9	8	1151	-	1605
11						
12						
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Trial Number:			18			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	56.9	10	-	-	1377
2	2	75.4	10	1554	-	1025
3	3	84.9	10	1333	1765	1368
4	1	50.3	10	-	-	1791
5	1	56.6	10	-	-	1896
6	1	65.9	10	-	-	1991
7	1	51.7	10	-	-	1612
8	1	50.9	10	-	-	1511
9	3	97.2	10	1883	1349	1203
10	2	81.4	10	1300	-	1371
11	2	72.4	10	1631	-	1966
12	1	62.9	10	-	-	1757
13						
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	61.4	17	-	-	1882
2	3	85.6	17	1640.000	1602.000	1127
3	1	54.4	17	-	-	1604
4	3	89.3	17	1868.000	1205.000	1703
5	1	65.2	17	-	-	1777
6	1	66.4	17	-	-	1574
7	1	55.6	17	-	-	1474
8	1	64.9	17	-	-	1086
9	2	74.3	17	1022.000	-	1570
10	3	94.7	17	1410.000	1691.000	1636
11	1	52.3	17	-	-	1620
12	1	62.8	17	-	-	1355
13	2	80.2	17	1206.000	-	1076
14	3	99.5	17	1972.000	1517.000	1292
15	1	57.8	17	-	-	1261
16	2	75.1	17	1118.000	-	1259
17	1	64.2	17	-	-	1796
18	2	82.5	17	1387.000	-	1398
19						
20						

Trial Number:			20			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	87.7	20	1194	1336	1219
2	1	55.1	20	-	-	1449
3	1	61.1	20	-	-	1229
4	2	81	20	1571	-	1468
5	3	94.5	20	1672	1552	1561
6	1	50.1	20	-	-	1016
7	2	71.9	20	1522	-	1709
8	3	97.4	20	1298	1827	1755
9	1	62.6	20	-	-	1847
10	3	98.6	20	1828	1761	1004
11	3	99.6	20	1747	1065	1068
12	3	91.2	20	1727	1873	1969
13	2	76.9	20	1225	-	1202
14	2	82.8	20	1294	-	1739
15	3	89.9	20	1624	1583	1783
16	3	99.1	20	1977	1876	1320
17	3	97.2	20	1780	1984	1132
18	1	66.6	20	-	-	1716
19	2	73.7	20	1483	-	1904
20	3	90.1	20	1816	1770	1116

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Trial Number:			21			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	94.9	20	1005	1443	1553
2	3	83.5	20	1260	1428	1379
3	3	84.3	20	1446	1296	1584
4	1	56	20	-	-	1134
5	1	58.6	20	-	-	1009
6	1	62.2	20	-	-	1669
7	2	73.1	20	1033	-	1105
8	2	72.1	20	1460	-	1146
9	2	70.2	20	1297	-	1145
10	1	57.1	20	-	-	1048
11	1	58.1	20	-	-	1185
12	2	76.6	20	1710	-	1232
13	3	86.7	20	1901	1056	1729
14	1	64.6	20	-	-	1635
15	3	93.8	20	1153	1926	1332
16	2	67.3	20	1630	-	1330
17	1	51.7	20	-	-	1252
18	2	80.4	20	1903	-	1023
19	3	91.1	20	1454	1479	1779
20	1	54.2	20	-	-	1617

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	67.3	19	1557	-	1078
2	2	67.9	19	1123	-	1034
3	1	53.7	19	-	-	1489
4	1	57.1	19	-	-	1582
5	1	65.3	19	-	-	1942
6	2	83.1	19	1228	-	1774
7	2	67.7	19	1909	-	1541
8	2	69.5	19	1555	-	1341
9	2	72.9	19	1230	-	1682
10	2	81.1	19	1235	-	1255
11	1	52.3	19	-	-	1990
12	3	91.2	19	1782	1258	1437
13	1	51.4	19	-	-	1191
14	2	74.2	19	1996	-	1412
15	3	87.7	19	1501	1785	1760
16	1	54.1	19	-	-	1786
17	2	70.9	19	1374	-	1592
18	1	55	19	-	-	1718
19	2	72.4	19	1908	-	1961
20						

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Trial Number:			23			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	2	82.3	14	1615	-	1358
2	2	77.1	14	1312	-	1026
3	3	99.9	14	1666	1011	1475
4	2	77.1	14	1462	-	1069
5	1	55.4	14	-	-	1627
6	3	90.4	14	1700	1921	1607
7	2	73	14	1905	-	1792
8	1	54.4	14	-	-	1778
9	1	62.2	14	-	-	1433
10	3	89.1	14	1546	1687	1331
11	2	72.6	14	1886	-	1218
12	3	97.4	14	1112	1099	1408
13	2	66.8	14	1067	-	1805
14	2	75.5	14	1958	-	1471
15	2	69.5	14	1513	-	1851
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	72.7	17	1375	-	1369
2	2	77	17	1806	-	1012
3	2	79.7	17	1658	-	1914
4	2	77.2	17	1186	-	1916
5	3	90.8	17	1499	1485	1393
6	2	75.5	17	1644	-	1469
7	3	94.6	17	1622	1623	1326
8	1	53.6	17	-	-	1496
9	3	99.2	17	1396	1407	1927
10	3	89.1	17	1028	1050	1664
11	1	54.8	17	-	-	1954
12	2	66.9	17	1563	-	1197
13	2	75.2	17	1764	-	1861
14	1	62.4	17	-	-	1841
15	2	77	17	1041	-	1649
16	3	89.6	17	1646	1945	1934
17	3	96.4	17	1721	1242	1390
18	3	96.7	17	1245	1452	1457
19						
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	57.9	16	-	-	1445
2	1	58.8	16	-	-	1256
3	2	77.2	16	1421	-	1629
4	2	67.5	16	1808	-	1055
5	3	90.8	16	1072	1704	1361
6	3	98.4	16	1801	1598	1363
7	2	66.7	16	1301	-	1174
8	3	92.4	16	1266	1503	1537
9	2	78.6	16	1166	-	1524
10	1	55.4	16	-	-	1717
11	2	80.5	16	1970	-	1031
12	1	50.3	16	-	-	1667
13	3	83.8	16	1458	1634	1506
14	3	85.5	16	1507	1267	1113
15	1	65.6	16	-	-	1647
16	2	81.9	16	1917	-	1948
17	1	51.4	16	-	-	1940
18						
19						
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	60.7	9	-	-	1182
2	2	74.4	9	1673	-	1329
3	3	93.8	9	1403	1929	1097
4	1	64.3	9	-	-	1213
5	3	97	9	1951	1195	1285
6	3	87.8	9	1688	1327	1081
7	2	73.5	9	1024	-	1971
8	1	50.6	9	-	-	1638
9	3	88	9	1451	1939	1533
10	1	50.5	9	-	-	1585
11	2	73.4	9	1036	-	1690
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Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	97.9	6	1795	1221	1890
2	3	92	6	1337	1588	1766
3	3	85.3	6	1397	1293	1429
4	3	99.5	6	1922	1280	1633
5	2	76.2	6	1129	-	1124
6	1	50.6	6	-	-	1995
7	1	58.8	6	-	-	1170
8	2	66.7	6	1150	-	1788
9	3	92.3	6	1381	1159	1540
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Trial Number:			28			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	1	55.1	14	-	-	1376
2	3	86.2	14	1699	1736	1063
3	2	81.4	14	1952	-	1742
4	1	60.4	14	-	-	1199
5	3	98.5	14	1431	1426	1889
6	3	96.9	14	1750	1915	1656
7	3	89.1	14	1573	1959	1441
8	2	73.1	14	1394	-	1173
9	3	98.8	14	1832	1299	1309
10	1	55.3	14	-	-	1577
11	2	69.4	14	1509	-	1464
12	1	51.3	14	-	-	1352
13	3	93.3	14	1481	1290	1196
14	1	61	14	-	-	1338
15	1	66.3	14	-	-	1998
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Trial Number:			29			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	1	65.1	13	-	-	1155
2	1	52.6	13	-	-	1240
3	2	82.4	13	1392	-	1572
4	1	61	13	-	-	1246
5	2	71.1	13	1683	-	1925
6	1	53.7	13	-	-	1692
7	2	66.9	13	1609	-	1084
8	1	52.8	13	-	-	1679
9	3	97.8	13	1208	1547	1115
10	3	93.3	13	1965	1310	1937
11	3	94.5	13	1141	1797	1960
12	3	86.6	13	1963	1744	1350
13	2	70.2	13	1686	-	1776
14	2	81.1	13	1021	-	1837
15	2	74.2	13	1762	-	1382
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	83.1	16	1335	-	1128
2	2	76.7	16	1187	-	1793
3	3	99	16	1838	1157	1264
4	3	89.6	16	1759	1535	1842
5	3	96.3	16	1314	1486	1045
6	2	74.5	16	1204	-	1032
7	3	93.1	16	1060	1655	1102
8	2	83.3	16	1168	-	1802
9	1	65.9	16	-	-	1811
10	1	50.1	16	-	-	1814
11	3	98.7	16	1109	1781	1829
12	1	50.3	16	-	-	1423
13	1	51.8	16	-	-	1354
14	2	82.6	16	1414	-	1488
15	2	81.2	16	1318	-	1030
16	2	72.1	16	1163	-	1306
17	1	54.6	16	-	-	1054
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