



FCC DFS TEST REPORT

FCC ID : TVE-240602
Equipment : Secured Wireless Access Point
Brand Name : FORTINET
Model Name : FortiAP 241Kxxxxxxxxx, FAP-241Kxxxxxxxxx,
FORTIAP-241Kxxxxxxxxx, FortiAP 243Kxxxxxxxxx,
FAP-243Kxxxxxxxxx, FORTIAP-243Kxxxxxxxxx (Where
"x" can be used as "A-Z", or "0-9", or "-", or blank for
software changes or marketing purposes only)
Applicant : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Manufacturer : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Standard : FCC Part 15 Subpart E

The product was received on Aug. 28, 2024 and testing was performed from Sep. 03, 2024 to Oct. 09, 2024. 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 test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International (USA) Inc., the test report shall not be reproduced except in full.

Approved by: Neil Kao

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
FZ240620001	01	Initial issue of report	Oct. 22, 2024

Summary of Test Result

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

Conformity Assessment Condition:

The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

1 General Description

1.1 Feature of Equipment Under Test

Product Feature	
Equipment	Secured Wireless Access Point
Model Name	FortiAP 241Kxxxxxxx, FAP-241Kxxxxxxx, FORTIAP-241Kxxxxxxx, FortiAP 243Kxxxxxxx, FAP-243Kxxxxxxx, FORTIAP-243Kxxxxxxx (Where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only)

Remark: The above EUT's information was declared by manufacturer.

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
DFS Function	Master
Tx/Rx Channel Frequency Range	5250 MHz ~ 5350 MHz 5470 MHz ~ 5725 MHz
EUT support WLAN function	802.11 a/n HT20/HT40 802.11 ac VHT20/VHT40/VHT80/VHT160 802.11 ax HE20/HE40/HE80/HE160 802.11 be EHT20/EHT40/EHT80/EHT160
Type of Modulation	802.11a/n: OFDM (BPSK/QPSK/16QAM/64QAM) 802.11ac: OFDM (BPSK/QPSK/16QAM/64QAM/256QAM) 802.11ax: OFDMA (BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM) 802.11be: OFDMA (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM/4096QAM)

Remark:

1. For other wireless features of this EUT, test report will be issued separately.
2. The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.

FAP-241K Uncorrelated Antenna Information					
Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	EnRack	7102A1242000	PIFA	I-Pex	2.4G +5G + UNII-4
2	EnRack	7102A1241000	PIFA	I-Pex	2.4G +5G + UNII-4
3	EnRack	7102A1244000	PIFA	I-Pex	2.4G + 5G + UNII-4 + 6G
4	EnRack	7102A1243000	PIFA	I-Pex	2.4G + 5G + UNII-4 + 6G
5	AWAN	7102A1240000	Alford Loop	I-Pex	6G
6	AWAN	7102A1240000	Alford Loop	I-Pex	6G
7	AWAN	7102A1240000	Dipole	I-Pex	BT+ZigBee

Gain (dBi)						Remark	
Ant.	2.4G	5G	UNII-4	6G	BT& ZigBee		
1	5.11	5.22	5.11	-	-	Radio 1 (2.4G) 2x2	Radio 2
2	5.19	5.32	4.79	-	-		(5G/ UNII-4) 2x2
3	4.97	5.35	5.40	5.48	-	Radio 3 (Scan Radio) (2.4G/ 5G/ UNII-4/ 6G) 2x2	
4	4.69	5.43	5.13	5.37	-		
5	-	-	-	5.53	-	Radio 2 (6G) 2x2	
6	-	-	-	5.58	-		
7	-	-	-	-	5.00	-	

FAP-243K Uncorrelated Antenna Information					
Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	AWAN	7102A0668000	Dipole	Reverse SMA	2.4G + 5G
2	AWAN	7102A0668000	Dipole	Reverse SMA	2.4G + 5G
3	AWAN	7102A0669000	Dipole	Reverse SMA	2.4G + 5G + 6G
4	AWAN	7102A0669000	Dipole	Reverse SMA	2.4G + 5G + 6G
5	AWAN	7102A0667000	Dipole	Reverse SMA	6G
6	AWAN	7102A0667000	Dipole	Reverse SMA	6G
7	Enrack	7102A1239000	PIFA	I-Pex	BT + ZigBee
8	Master Wave	7102A1334000	Dipole	Reverse SMA	2.4G + 5G
9	Master Wave	7012A1334000	Dipole	Reverse SMA	2.4G + 5G
10	Master Wave	7012A1335000	Dipole	Reverse SMA	2.4G + 5G + 6G
11	Master Wave	7012A1335000	Dipole	Reverse SMA	2.4G + 5G + 6G
12	Master Wave	7012A1333000	Dipole	Reverse SMA	6G
13	Master Wave	7012A1333000	Dipole	Reverse SMA	6G

Gain (dBi)					Remark	
Ant.	2.4G	5G	6G	BT& ZigBee		
1	3.53	5.51	-	-	Radio 1 (2.4G) 2x2	Radio 2 (5G) 2x2
2	3.40	5.34	-	-		
3	3.27	5.21	5.32	-	Radio 3 (Scan Radio) (2.4G/ 5G/ 6G) 2x2	
4	3.47	5.05	5.10	-		
5	-	-	5.20	-	Radio 2 (6G) 2x2	
6	-	-	5.03	-		
7	-	-	-	4.82	-	
8	3.19	5.14	-	-	Radio 1 (2.4G) 2x2	Radio 2 (5G) 2x2
9	3.27	5.13	-	-		
10	3.13	5.03	4.66	-	Radio 3 (Scan Radio) (2.4G/ 5G/ 6G) 2x2	
11	3.03	5.03	4.82	-		
12	-	-	5.01	-	Radio 2 (6G) 2x2	
13	-	-	4.89	-		

1.3 Testing Facility

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

FCC Designation No.: US1250

1.4 Modification of EUT

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

1.5 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.

1.6 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	HW / FW Version	Power Cord
1.	Notebook	MSI	MS-16J5	PD93165NG	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
2.	Notebook	HP ENVY	13-ba1063cl	PD9AX201D2	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 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 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
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the 99% power bandwidth See Note 3.
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate Channel changes (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 is used and for each frequency step the minimum percentage of detection is 90%. Measurements are performed with no data traffic.	

2.5 Short Pulse Radar Test Waveforms

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

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Trials
0	1	1428	18	See Note 1.	See Note 1.
1	1	Test A Test B	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

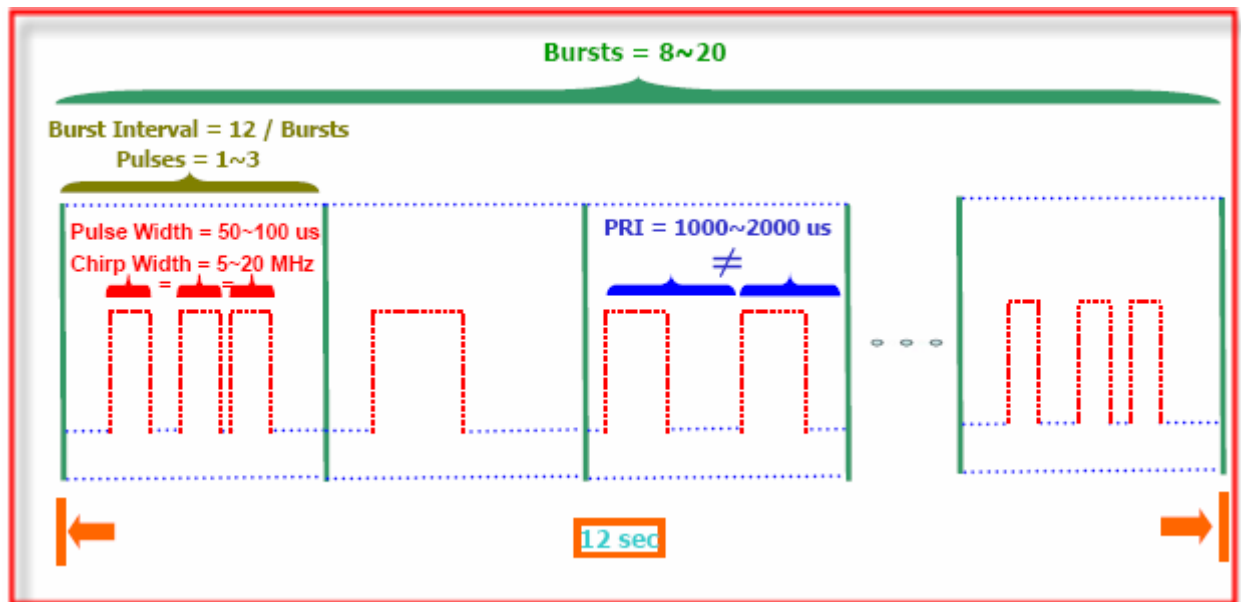
The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse radar test signal. If more than 30 waveforms are used for the Long Pulse radar test signal, then each additional waveform must also be unique and not repeated from the previous waveforms. Each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

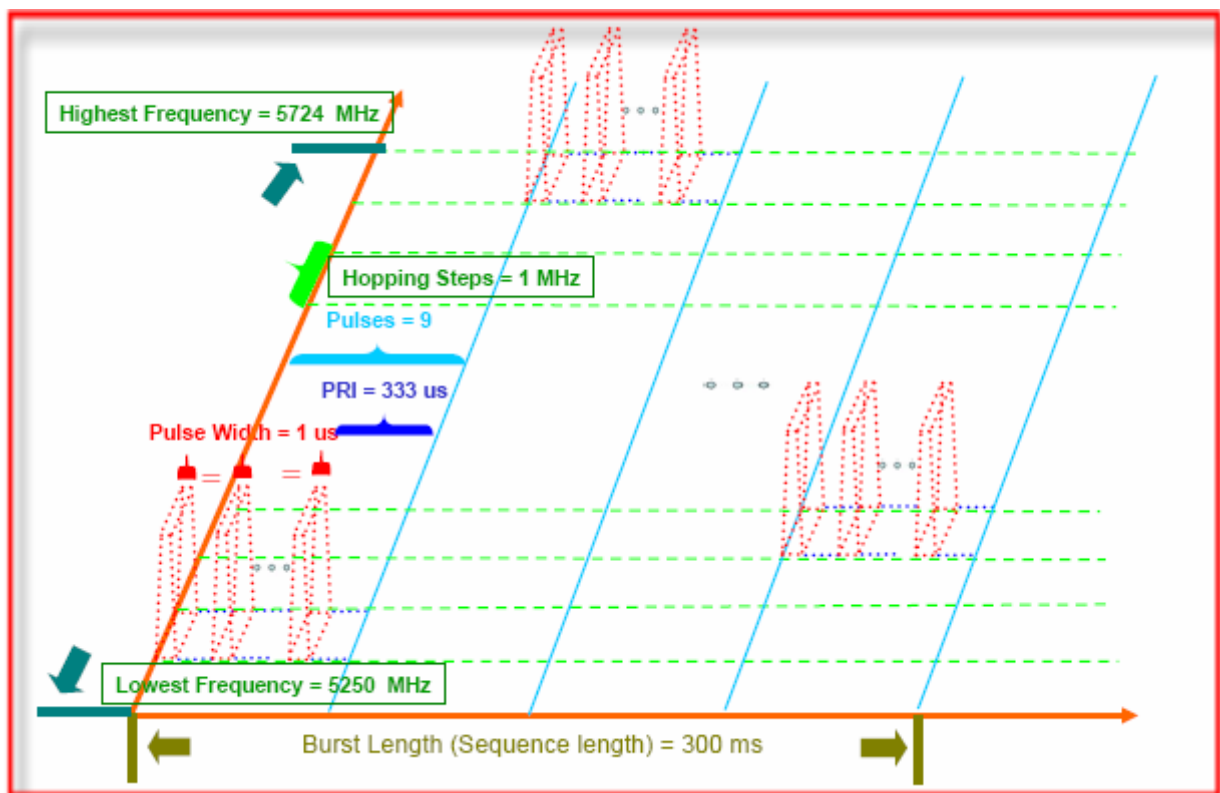


2.7 Frequency Hopping Radar Test Waveform

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.



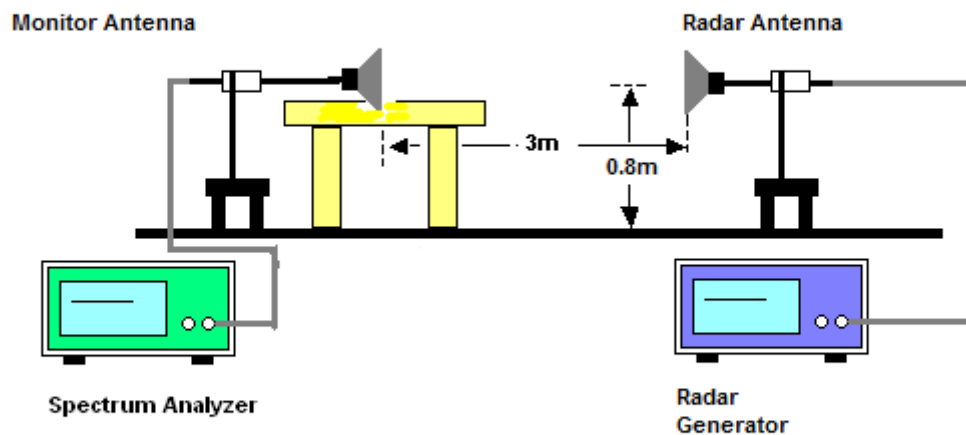
3 Calibration Setup and DFS Test Results

3.1 Calibration of Radar Waveform

3.1.1 Radar Waveform Calibration Procedure

The Interference Radar Detection Threshold Level is -64dBm 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 -64dBm. Capture the spectrum analyzer plots on radar waveform.

3.1.2 Calibration Setup



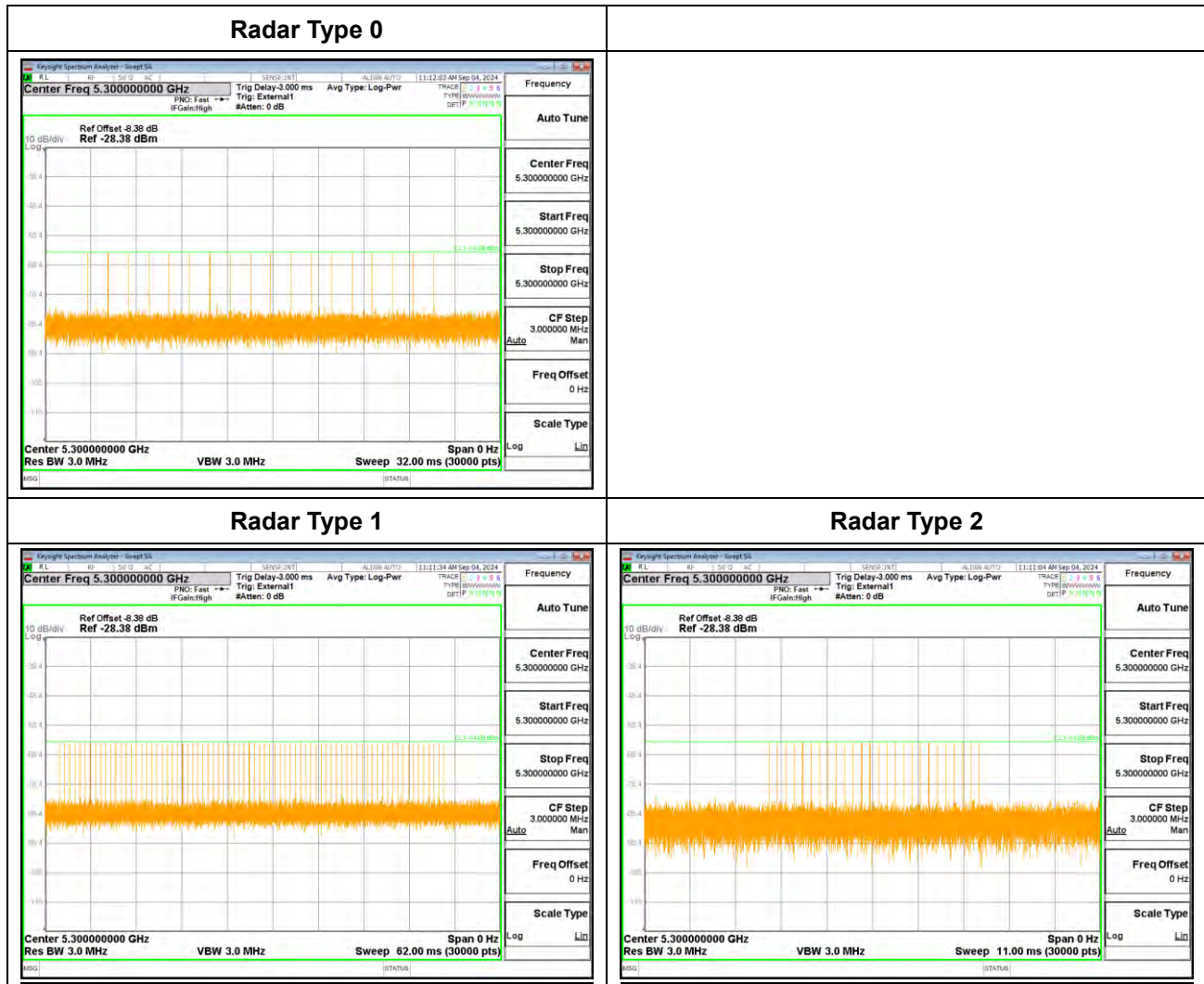
3.1.3 Calibration Deviation

There is no deviation with the original standard.



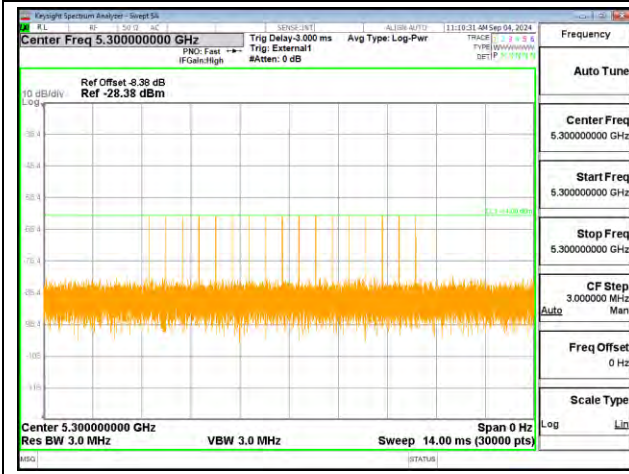
3.1.4 Radar Waveform Calibration Result

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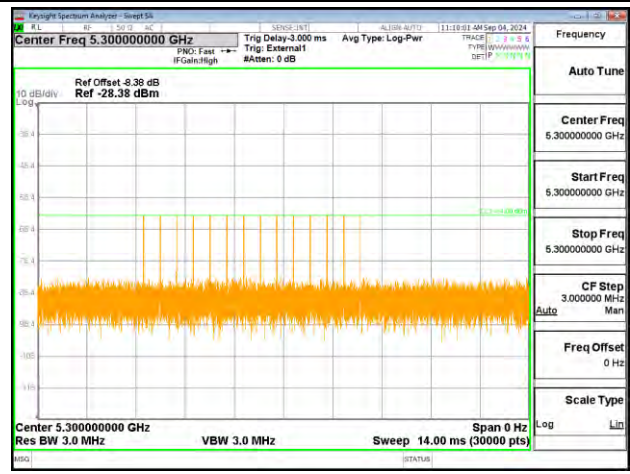




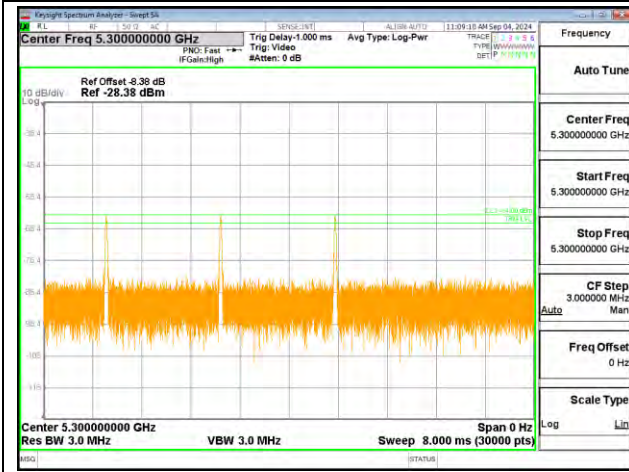
Radar Type 3



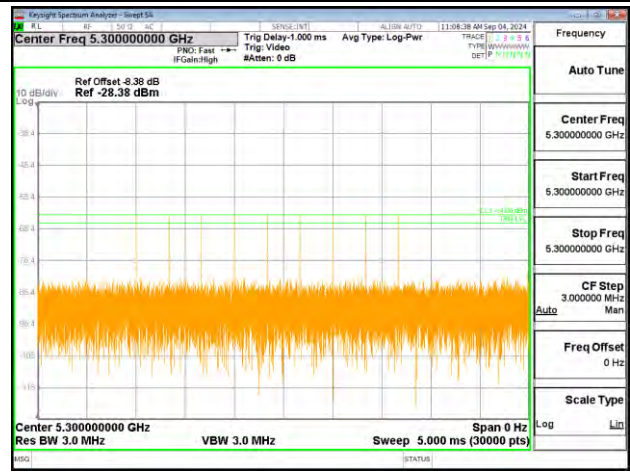
Radar Type 4



Single Burst of Radar Type 5



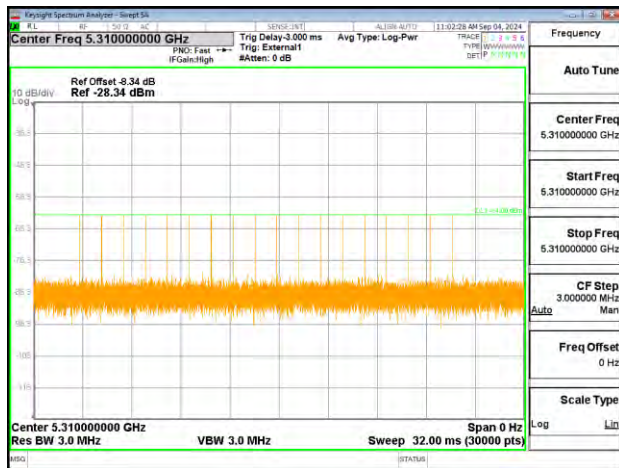
Single Burst of Radar Type 6



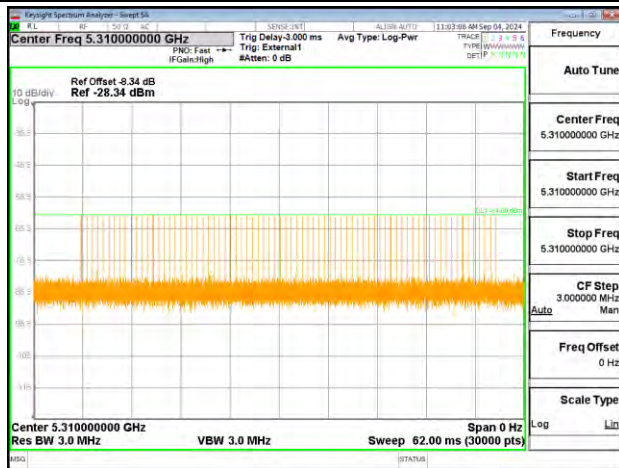


<40MHz / 5310MHz>

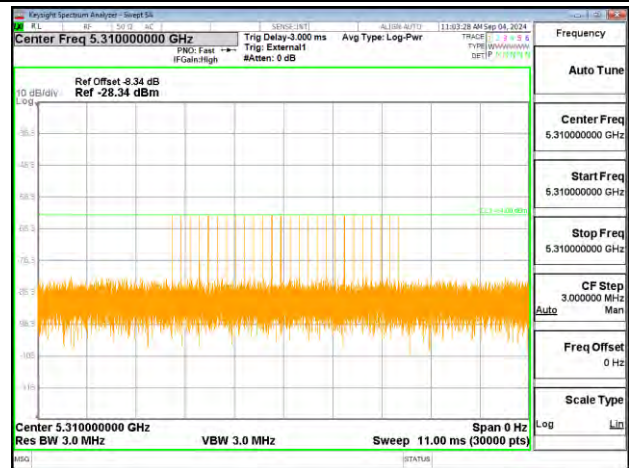
Radar Type 0



Radar Type 1

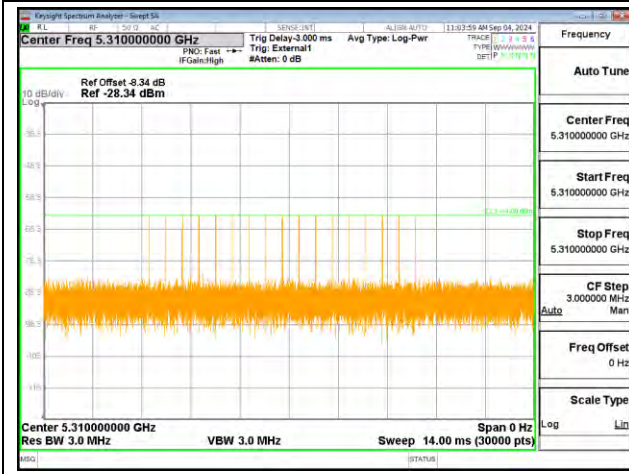


Radar Type 2

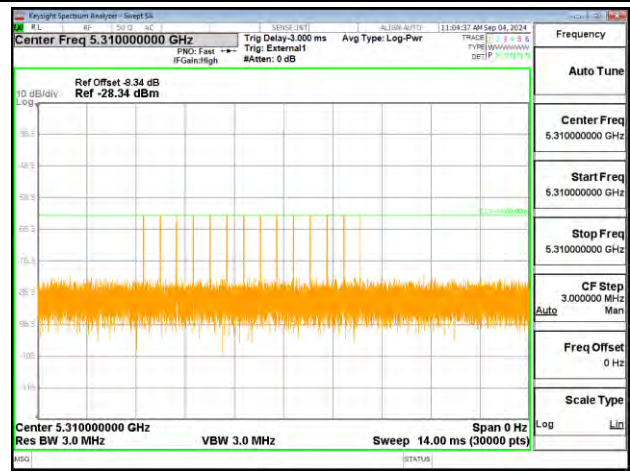




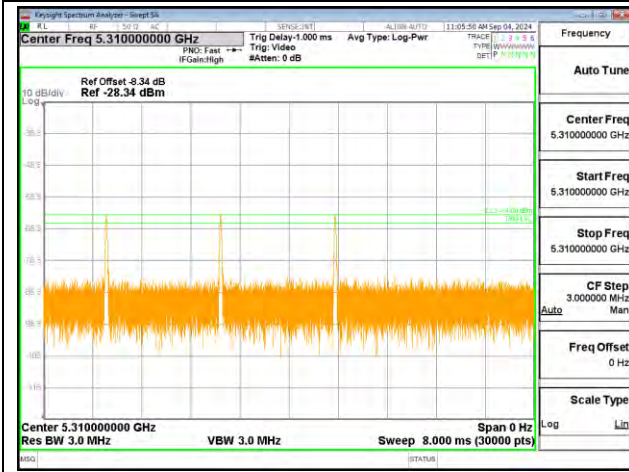
Radar Type 3



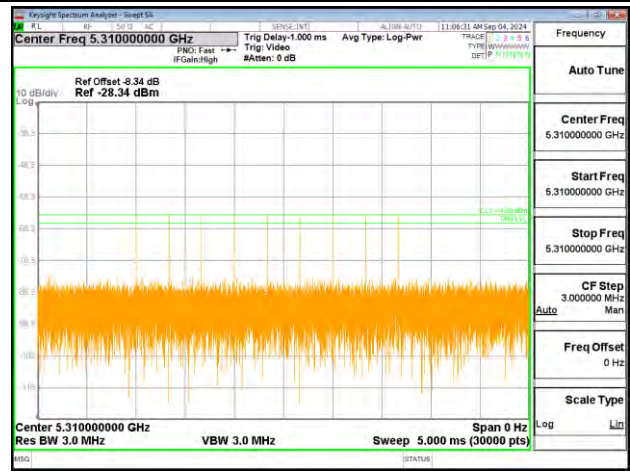
Radar Type 4



Single Burst of Radar Type 5



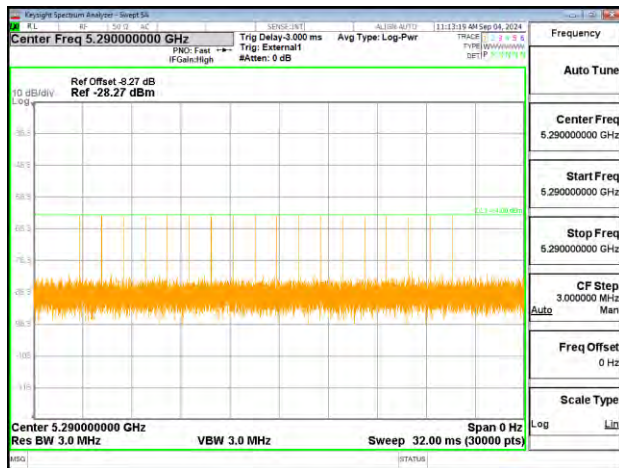
Single Burst of Radar Type 6



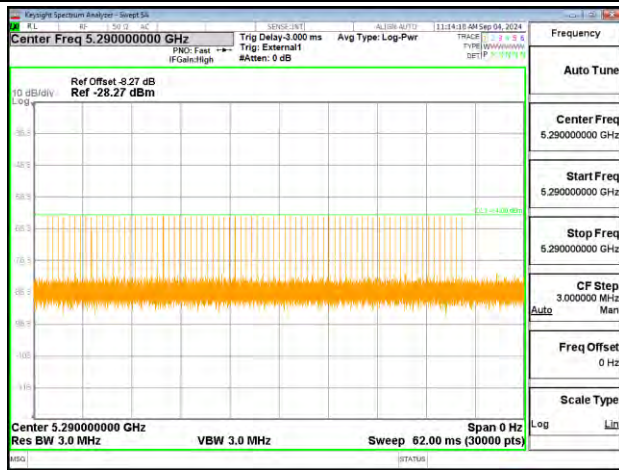


<80MHz / 5290MHz>

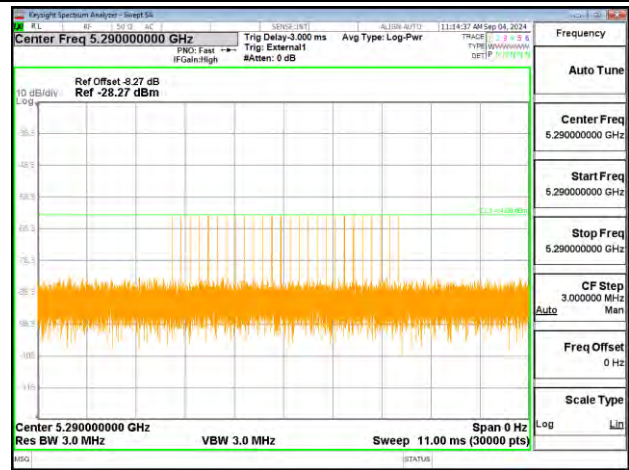
Radar Type 0



Radar Type 1

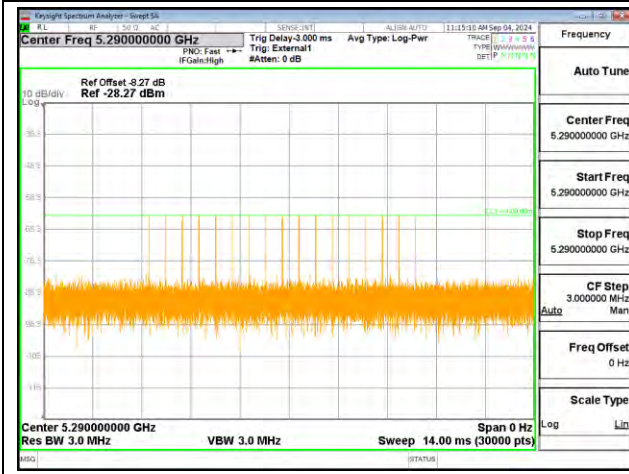


Radar Type 2

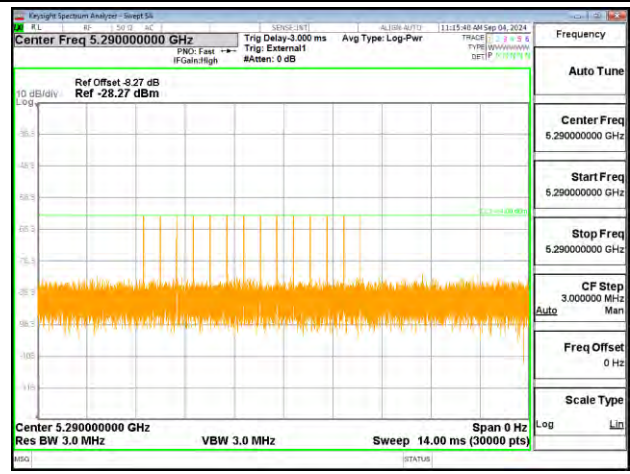




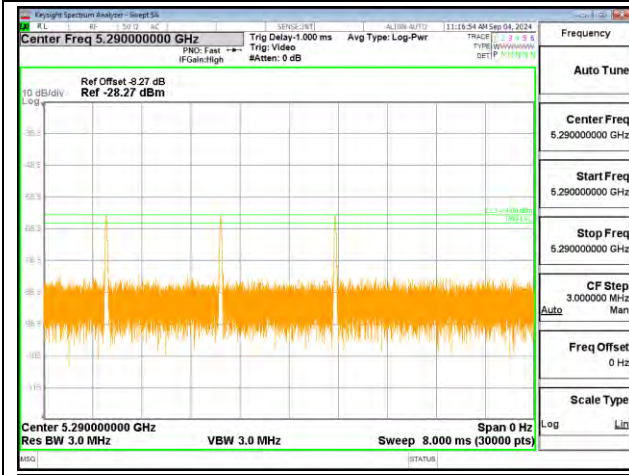
Radar Type 3



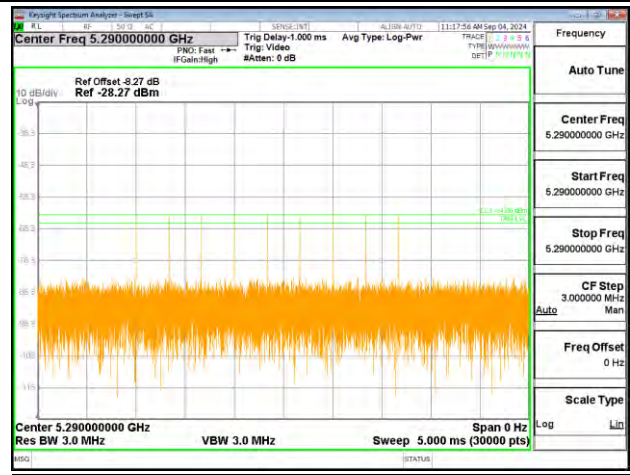
Radar Type 4



Single Burst of Radar Type 5



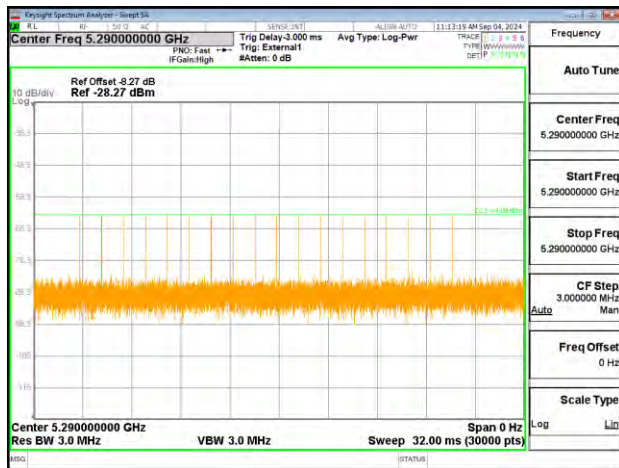
Single Burst of Radar Type 6



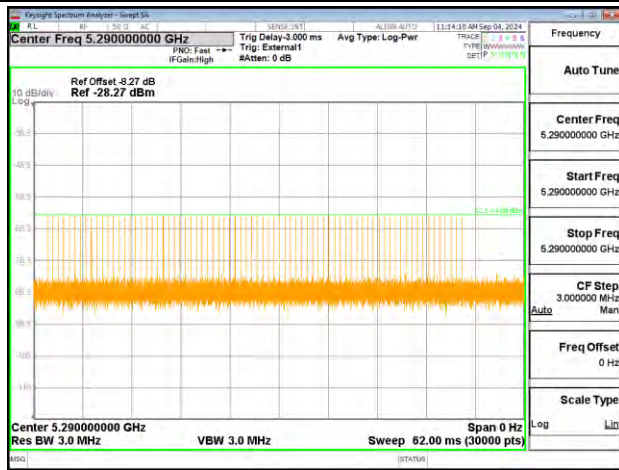


<160MHz / 5250MHz> (Radar injected on 5290MHz)

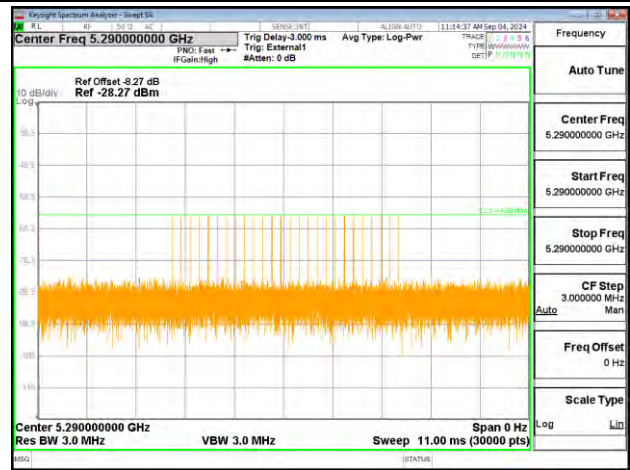
Radar Type 0



Radar Type 1

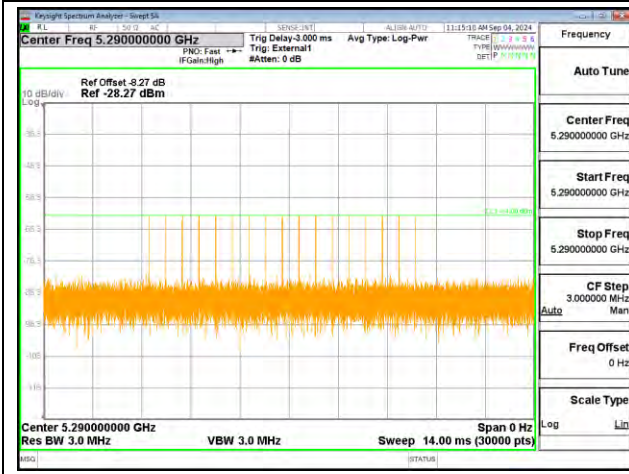


Radar Type 2

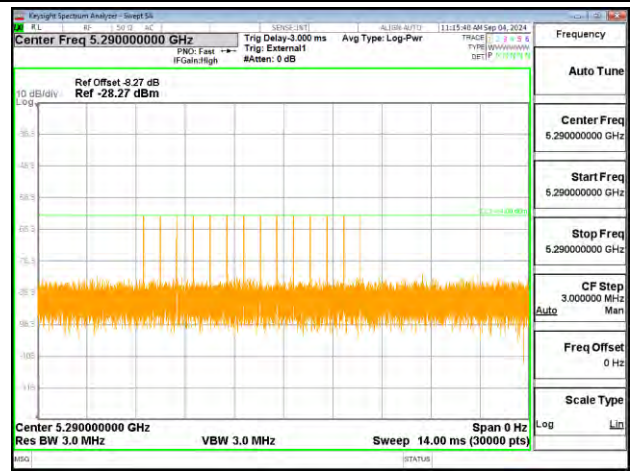




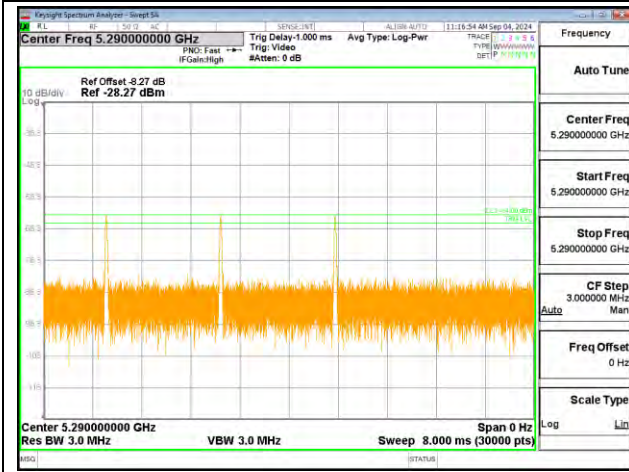
Radar Type 3



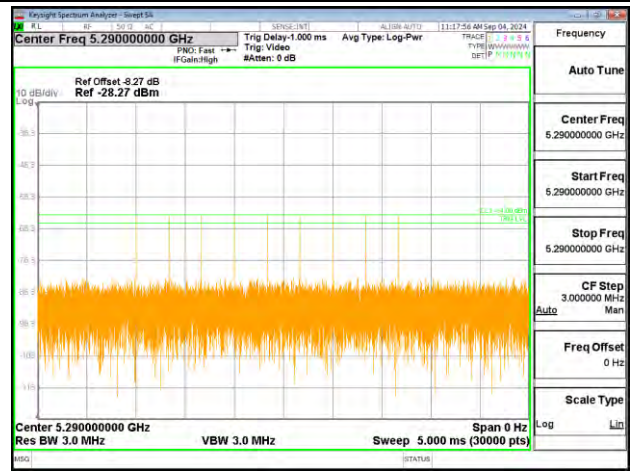
Radar Type 4



Single Burst of Radar Type 5



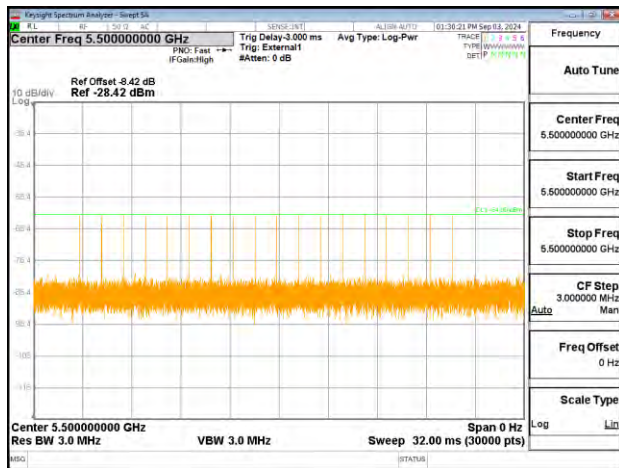
Single Burst of Radar Type 6



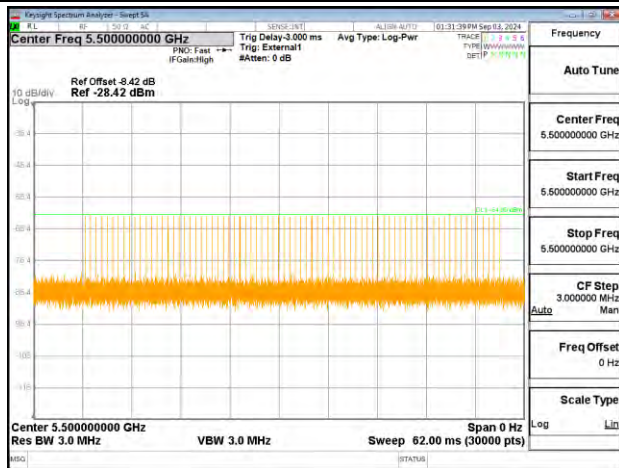


<20MHz / 5500MHz>

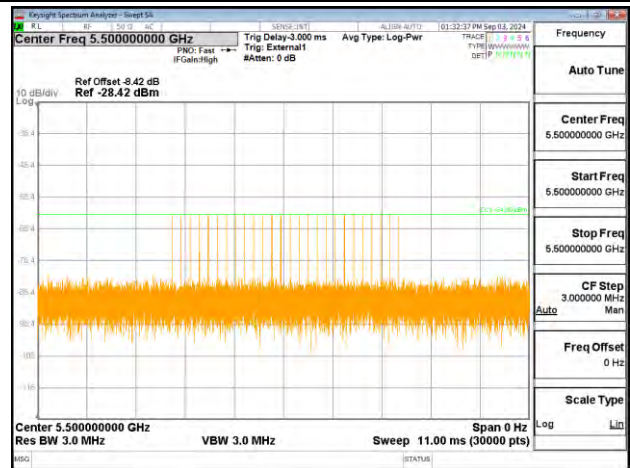
Radar Type 0



Radar Type 1

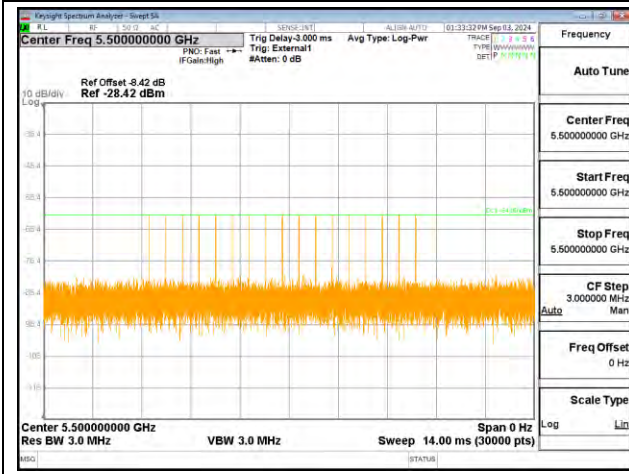


Radar Type 2

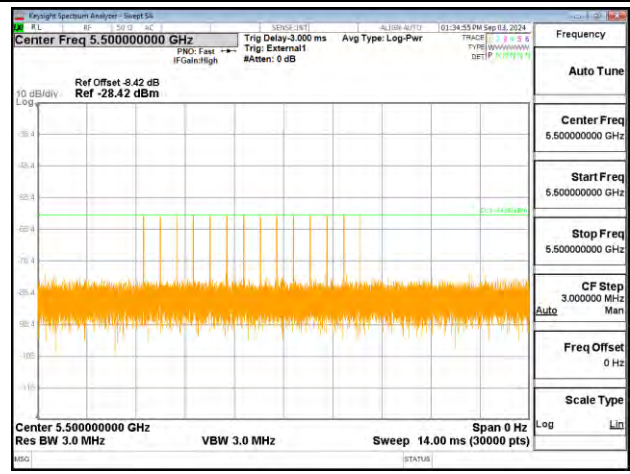




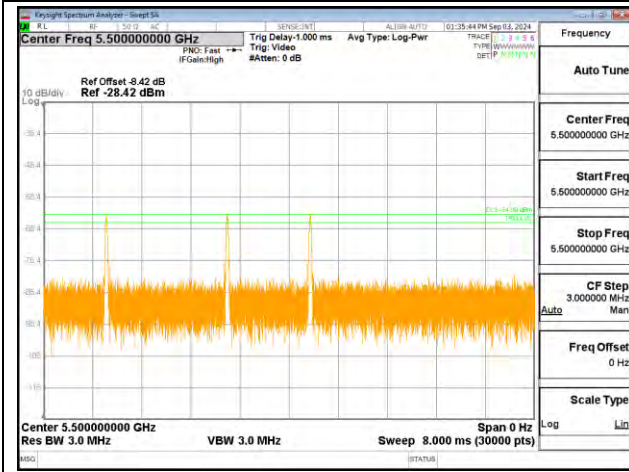
Radar Type 3



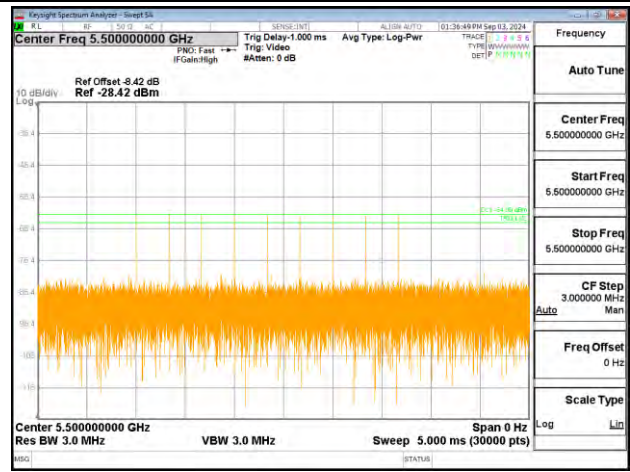
Radar Type 4



Single Burst of Radar Type 5



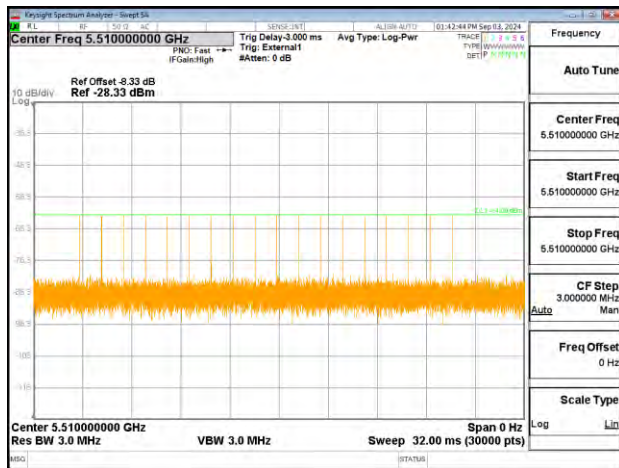
Single Burst of Radar Type 6



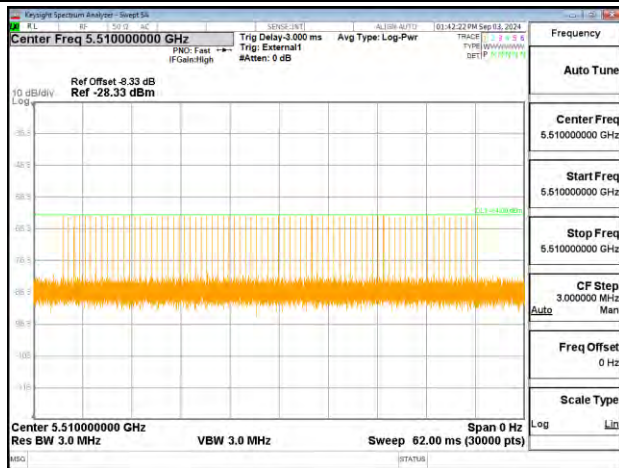


<40MHz / 5510MHz>

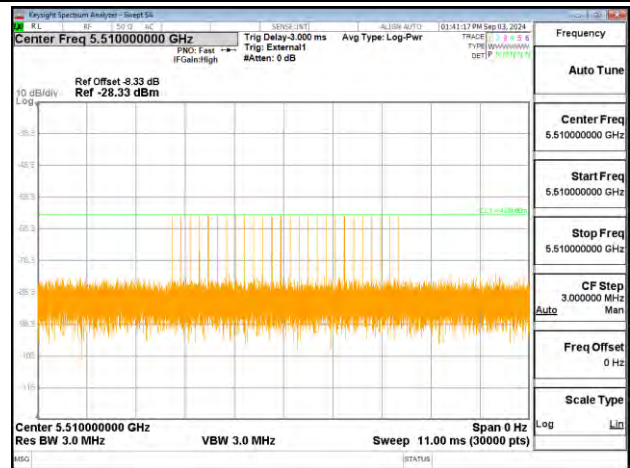
Radar Type 0



Radar Type 1

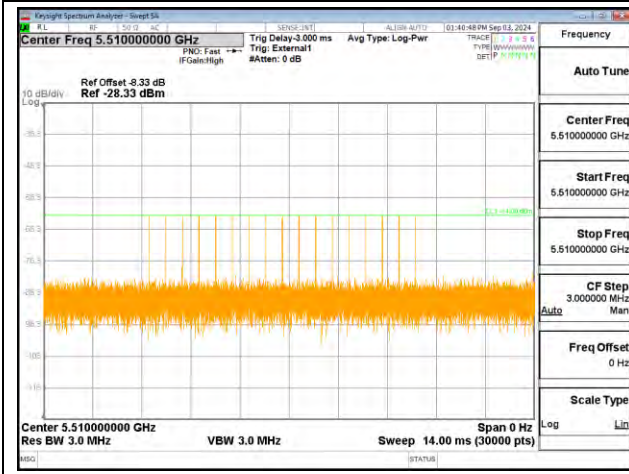


Radar Type 2

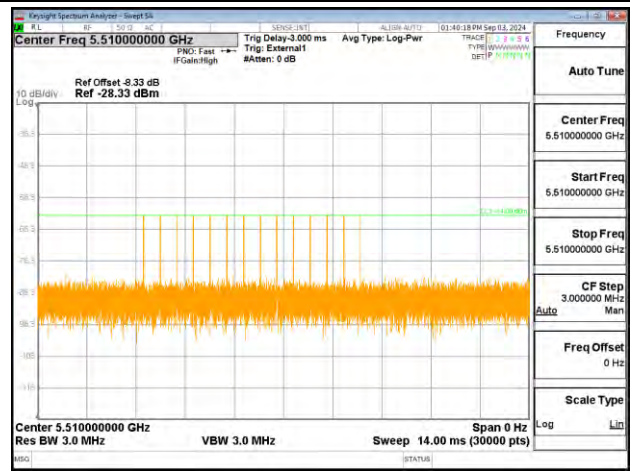




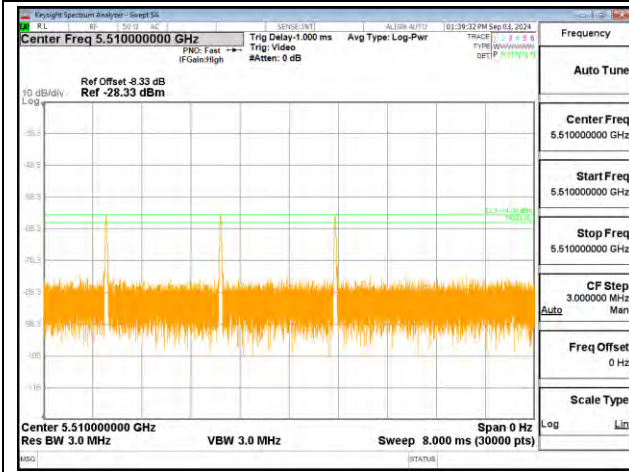
Radar Type 3



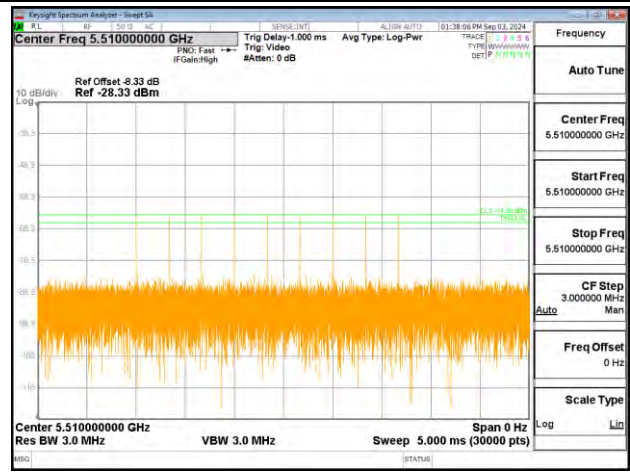
Radar Type 4



Single Burst of Radar Type 5



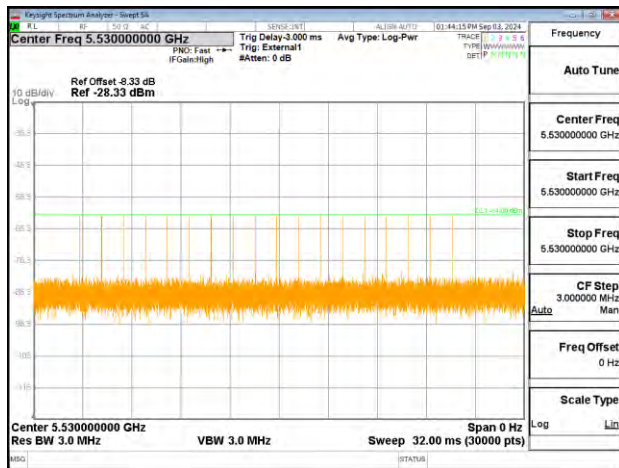
Single Burst of Radar Type 6



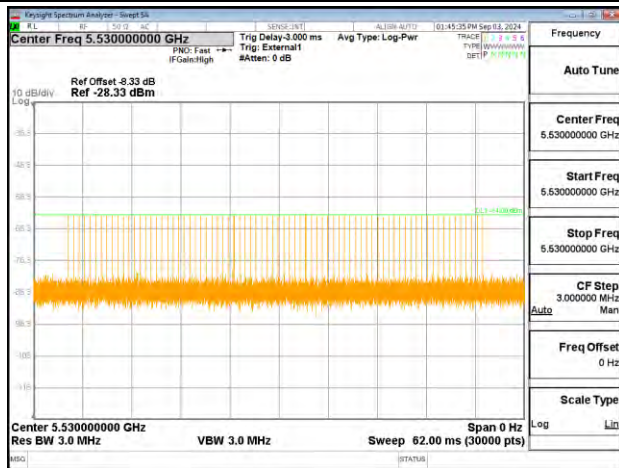


<80MHz / 5530MHz>

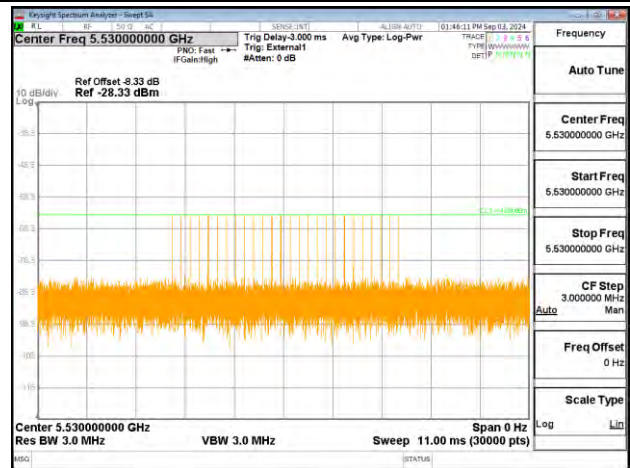
Radar Type 0



Radar Type 1

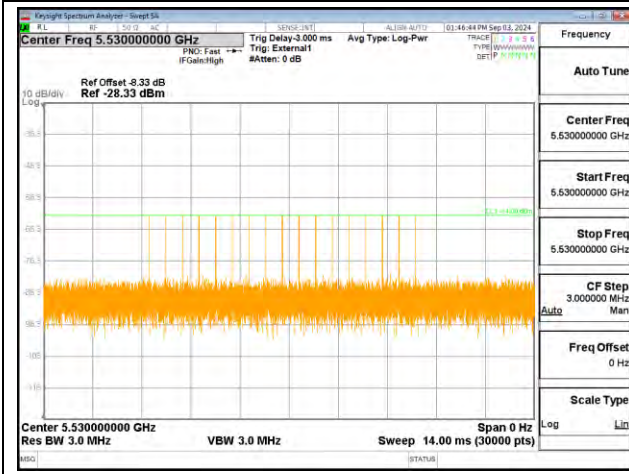


Radar Type 2

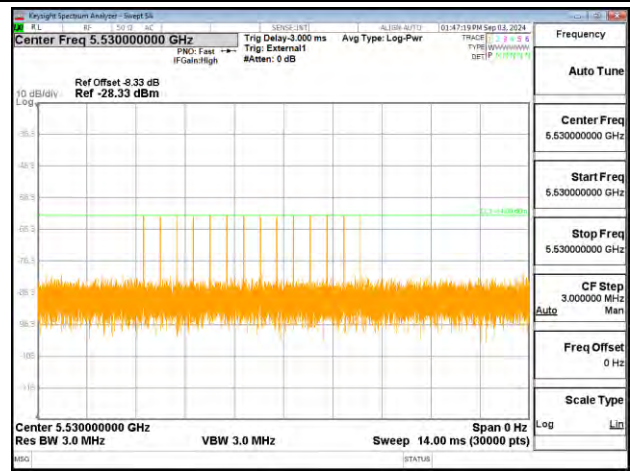




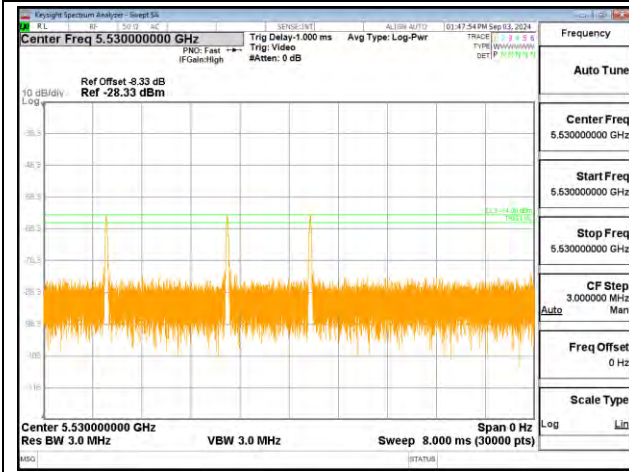
Radar Type 3



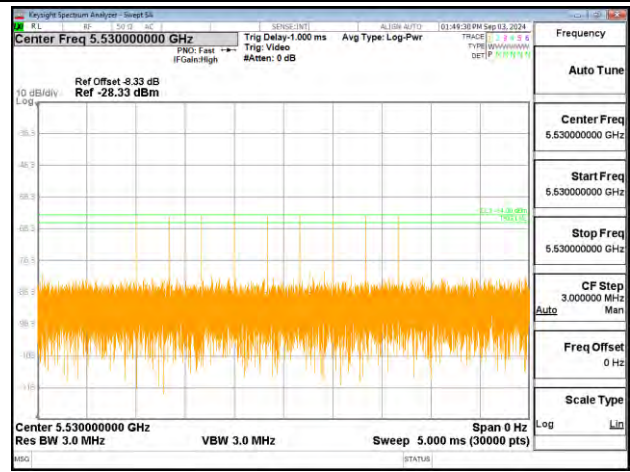
Radar Type 4



Single Burst of Radar Type 5



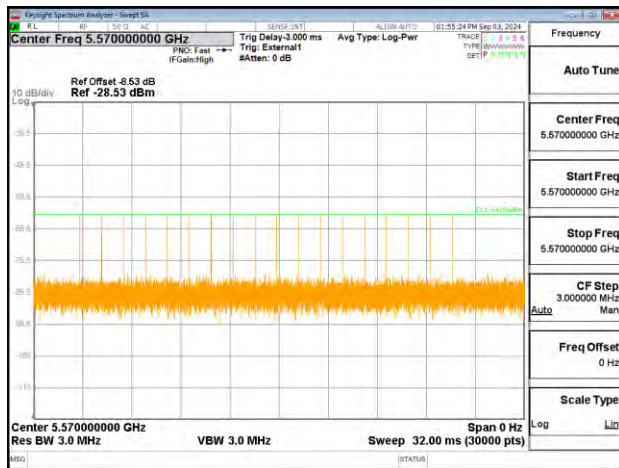
Single Burst of Radar Type 6



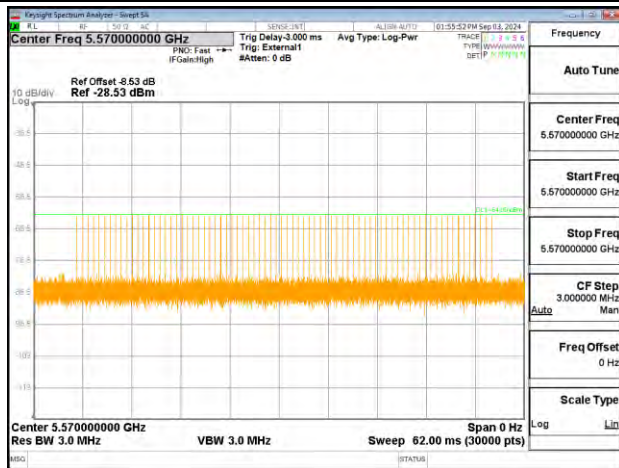


<160MHz / 5570MHz>

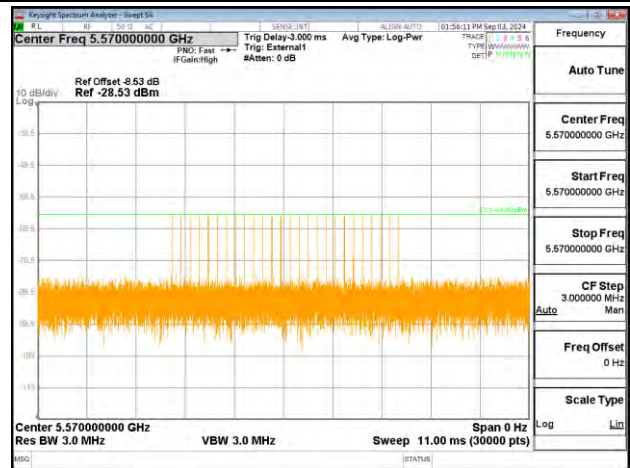
Radar Type 0



Radar Type 1

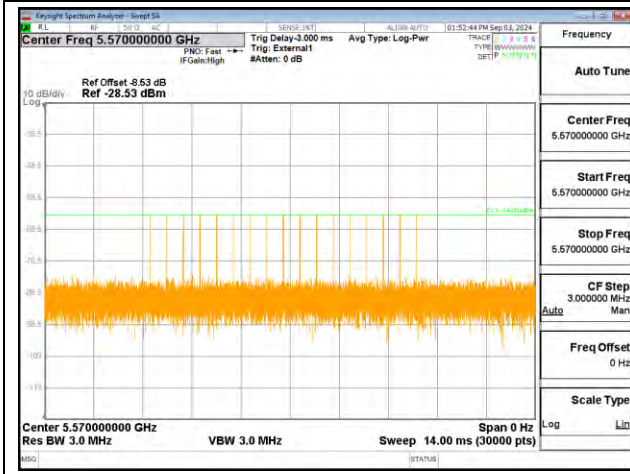


Radar Type 2

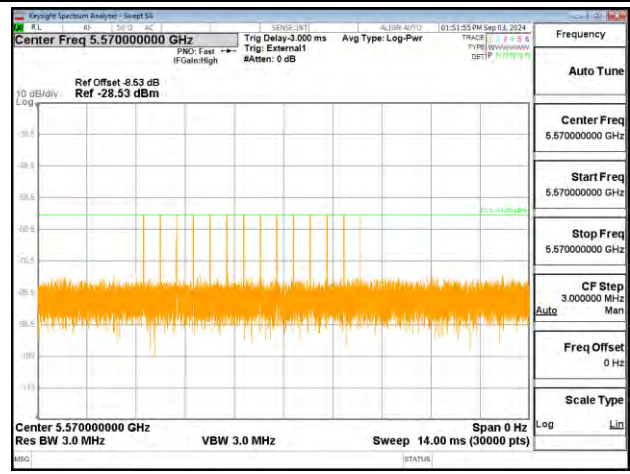




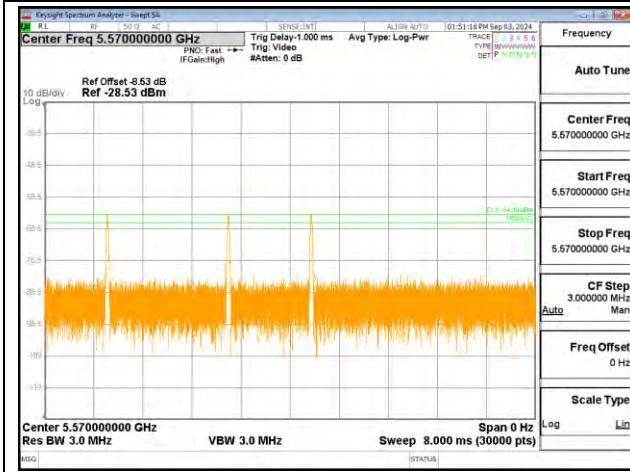
Radar Type 3



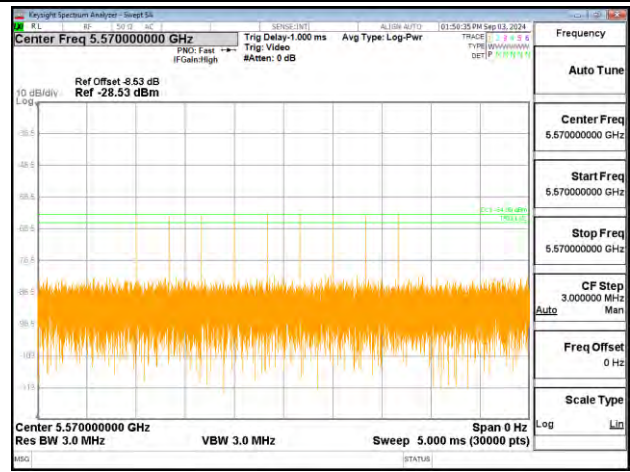
Radar Type 4



Single Burst of Radar Type 5



Single Burst of Radar Type 6



3.2 U-NII Detection Bandwidth

3.2.1 Limit of U-NII Detection Bandwidth

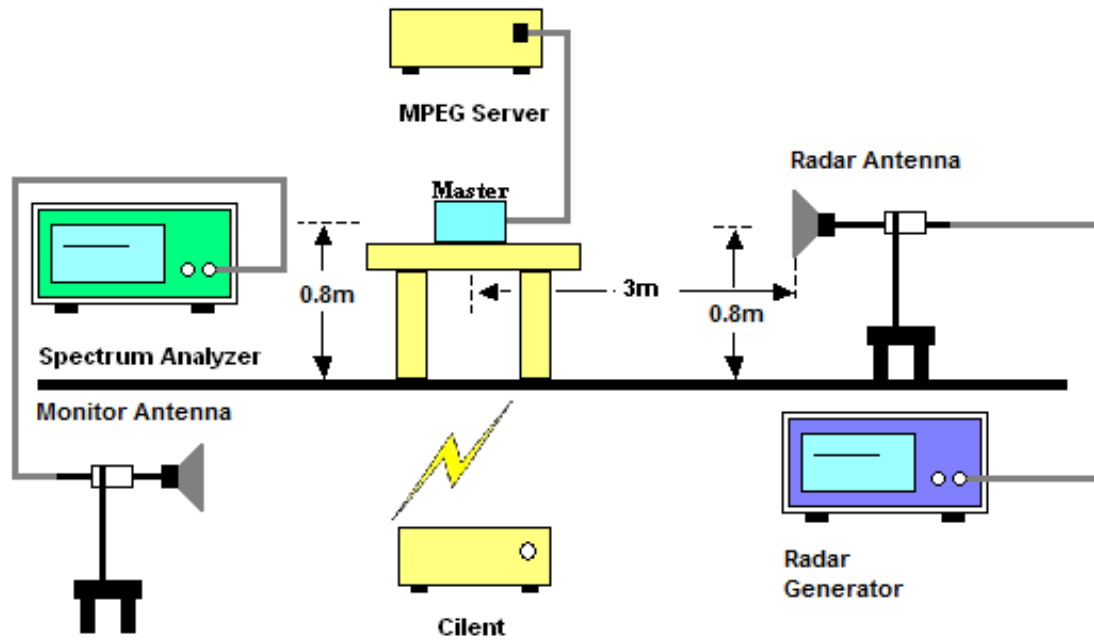
The U-NII Detection Bandwidth shall contain minimum 100% of the 99% power bandwidth.

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

3.2.2 Test Procedures

- (1) Adjust the equipment to produce a single burst of the Short Pulse Radar Type 0 at the center frequency of the EUT Operating Channel at the specified DFS Detection Threshold level.
- (2) Set the EUT up as a standalone device (no associated Client or Master, as appropriate) and no traffic. Frame based systems will be set to a talk/listen ratio of 0%/100% during this test.
- (3) Generate a single radar burst, and note the response of the EUT. Repeat for a minimum of 10 trials. The EUT must detect the Radar Waveform using the specified U-NII Detection Bandwidth criterion.
- (4) Starting at the center frequency of the EUT operating Channel, increase the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in report clause 2.3. Repeat this measurement in 1MHz steps at frequencies 5 MHz below where the detection rate begins to fall. Record the highest frequency (denote as F_H) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies above 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	N	Y	Y	90%	
5293	-7	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	90%	
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 = 19.693 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 = 38.381 MHz (Refer to channel 62)													



<80MHz / 5290MHz>

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		
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	N	Y	90%	
5270	-20	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90%	
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	N	Y	Y	Y	Y	Y	Y	Y	90%	
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	N	Y	Y	90%	
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	N	Y	Y	90%	
5326	+36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5327	+37	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	90%	
5328	+38	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	90%	
5329	+39	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	90%	
5330	+40	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	90%	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 = 77.145 MHz (Refer to channel 58)													



<160MHz / 5250MHz >

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		
5249	-1	N	N	N	N	N	N	N	N	N	N	0%	
5250	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _L
5251	+1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5252	+2	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	90%	
5253	+3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5254	+4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5255	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5260	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5265	+15	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	+25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5280	+30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5285	+35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5290	+40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5295	+45	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5300	+50	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5305	+55	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5310	+60	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5315	+65	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5320	+70	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5325	+75	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5326	+76	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5327	+77	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	90%	
5328	+78	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	90%	
5329	+79	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5330	+80	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5331	+81	N	N	N	N	N	N	N	N	N	N	0%	

Detection Bandwidth = F_H – F_L = 5330 – 5250 = 80 MHz

EUT 99% Bandwidth = 153.54 MHz (Refer to channel 42+58)

Detection BW is greater than channel OBW which overlap with UNII-2a.

**<20MHz / 5500MHz>**

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		
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	N	90%	
5505	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5506	+6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5507	+7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5508	+8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5509	+9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5510	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5511	+11	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5510 – 5490 = 20 MHz													
EUT 99% Bandwidth = 19.852 MHz (Refer to channel 100)													



<40MHz / 5510MHz>

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		
5489	-21	N	N	N	N	N	N	N	N	N	N	0%	
5490	-20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _L
5491	-19	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5492	-18	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5493	-17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5494	-16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5495	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5500	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5505	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5510	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5515	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5520	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5525	+15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5526	+16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5527	+17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5528	+18	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5529	+19	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5530	+20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5531	+21	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5530 – 5490 = 40 MHz													
EUT 99% Bandwidth = 38.558 MHz (Refer to channel 102)													



<80MHz / 5530MHz>

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		
5489	-41	N	N	N	N	N	N	N	N	N	N	0%	
5490	-40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _L
5491	-39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5492	-38	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5493	-37	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5494	-36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5495	-35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5500	-30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5505	-25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5510	-20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5515	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5520	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5525	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5530	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5535	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5540	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5545	+15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5550	+20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5555	+25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5560	+30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5565	+35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5566	+36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5567	+37	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5568	+38	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5569	+39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5570	+40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5571	+41	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5570 – 5490 = 80 MHz													
EUT 99% Bandwidth = 77.146 MHz (Refer to channel 106)													



<160MHz / 5570MHz>

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		
5489	-81	N	N	N	N	N	N	N	N	N	N	0%	
5490	-80	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _L
5491	-79	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5492	-78	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5493	-77	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5494	-76	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5495	-75	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5500	-70	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	90%	
5505	-65	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5510	-60	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5515	-55	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5520	-50	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5525	-45	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5530	-40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5535	-35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5540	-30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5545	-25	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	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5560	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5565	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5570	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	



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		
5575	5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5580	10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5585	15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5590	20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5595	25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5600	30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5605	35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5610	40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5615	45	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5620	50	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5625	55	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5630	60	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5635	65	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5640	70	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5645	75	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5646	76	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5647	77	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5648	78	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5649	79	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5650	80	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5651	81	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5650 – 5490 = 160 MHz													
EUT 99% Bandwidth = 155.90 MHz (Refer to channel 106+122)													

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 at least 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.

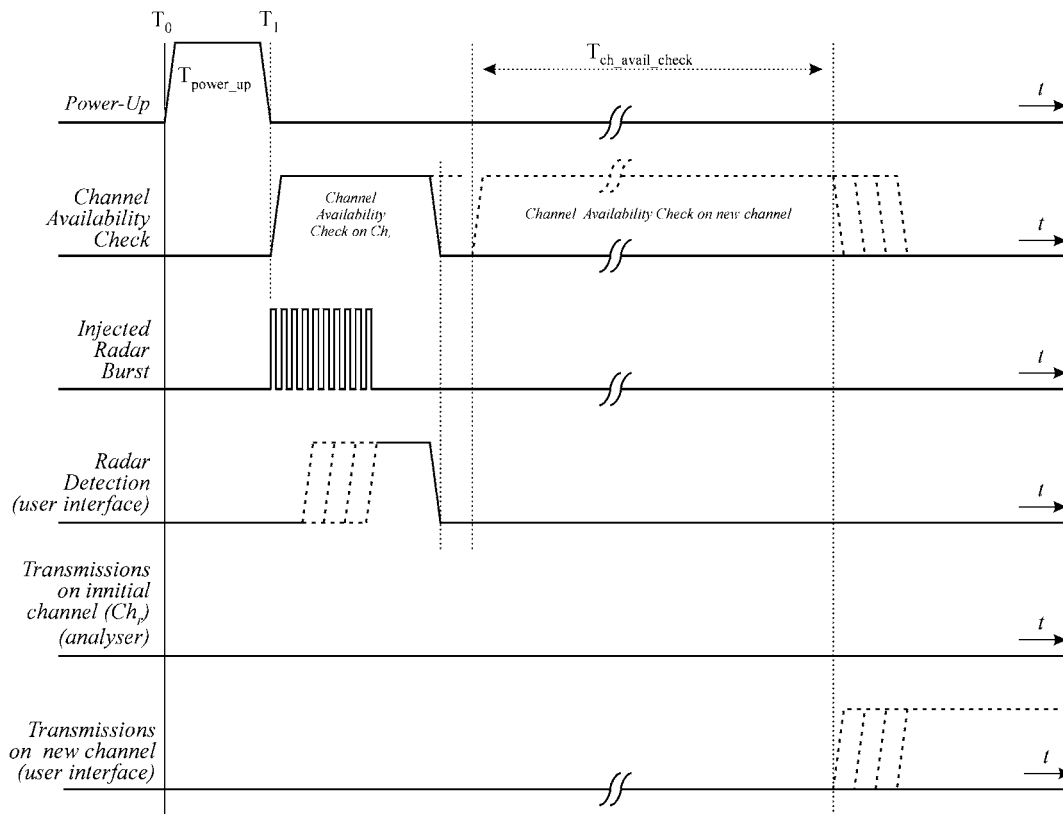


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time

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.

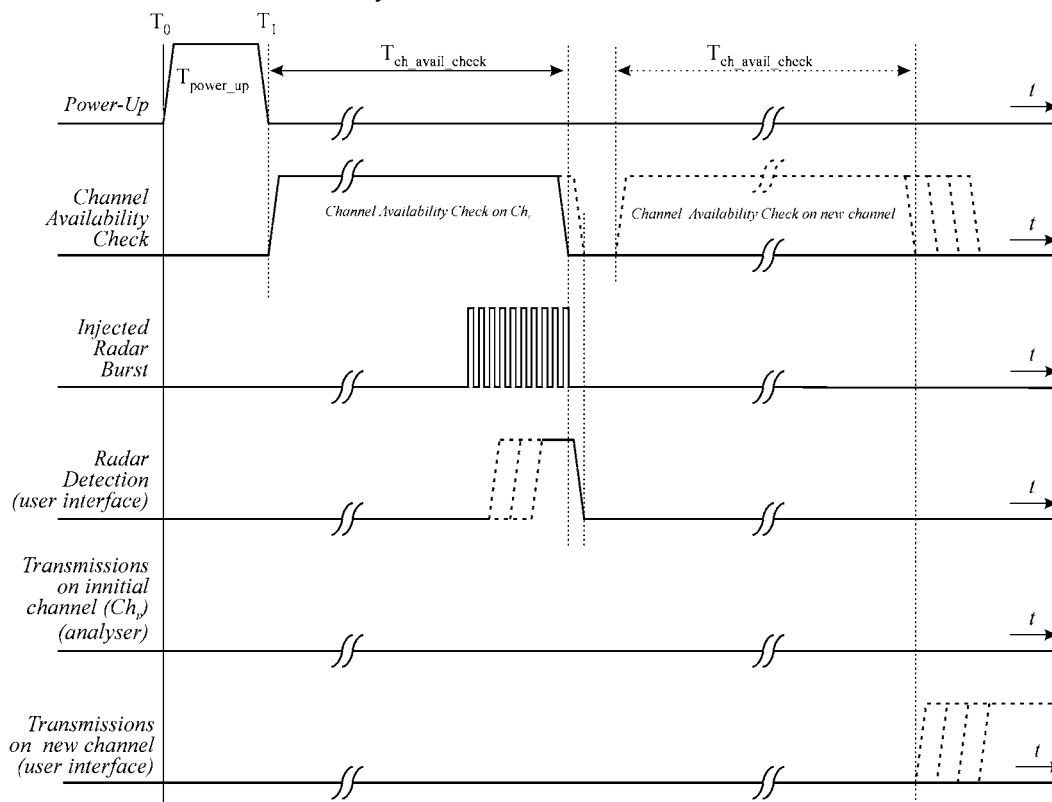
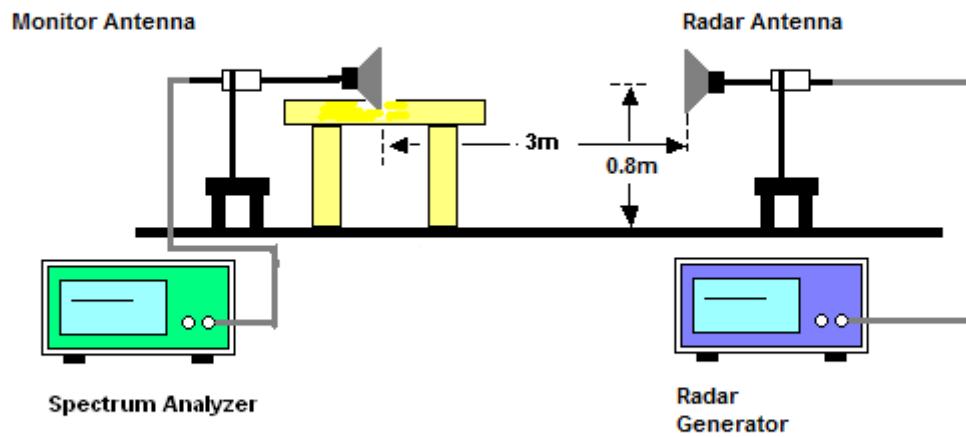


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time

3.3.5 Test Setup

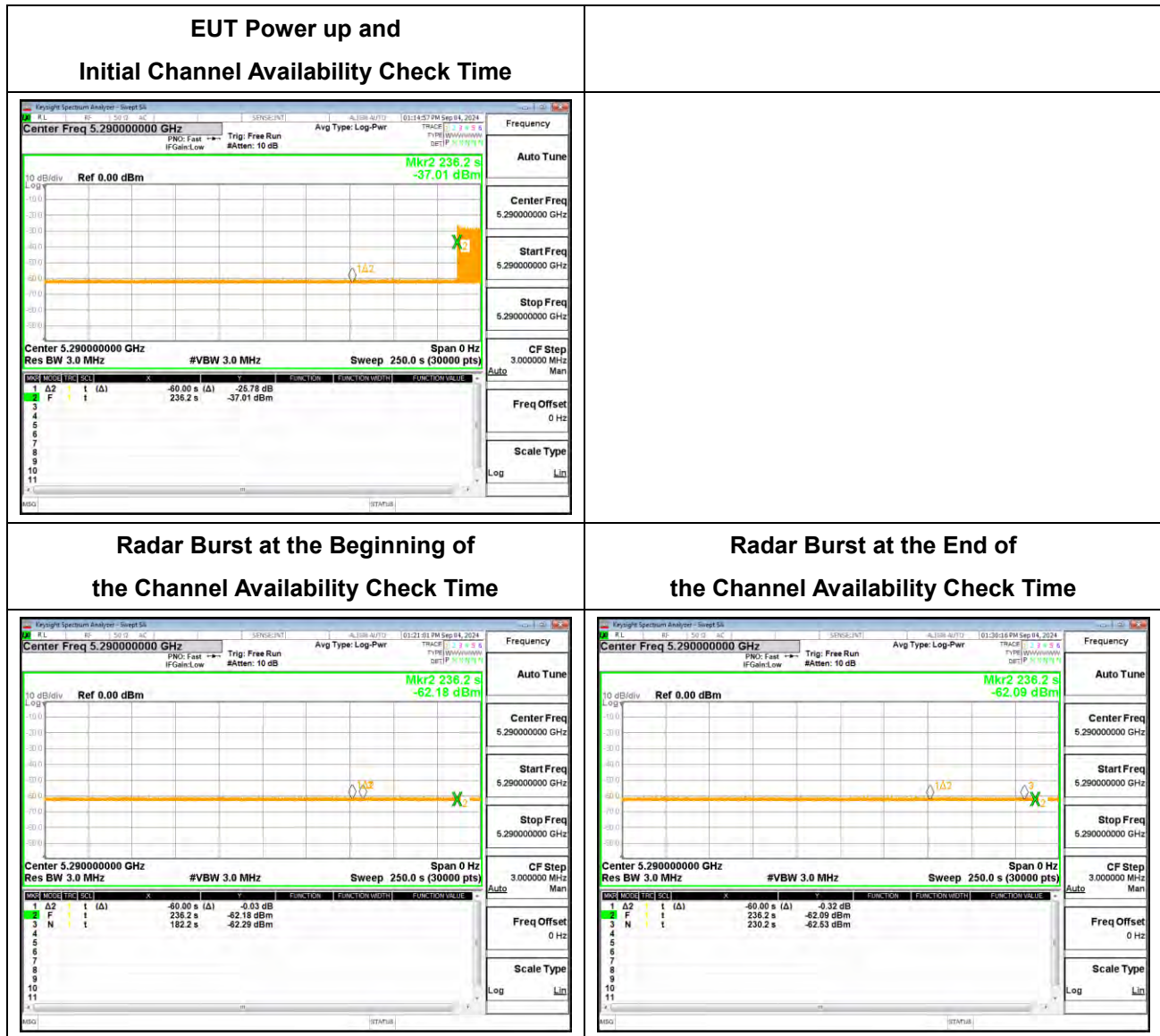


3.3.6 Test Deviation

There is no deviation with the original standard.

3.3.7 Result of Channel Availability Check Time

<160MHz / 5250MHz> (Radar injected on 5290MHz)



Marker 1(Delta 2): 60 seconds before End of Channel Availability Check

Marker 2: End of Channel Availability Check

Marker 3: 54 seconds or 6 seconds before End of Channel Availability Check



<160MHz / 5570MHz>

**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**

Marker 1(Delta 2): 60 seconds before End of Channel Availability Check

Marker 2: End of Channel Availability Check

Marker 3: 54 seconds or 6 seconds before End of Channel Availability Check

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

3.4.1 Limit of In-Service Monitoring

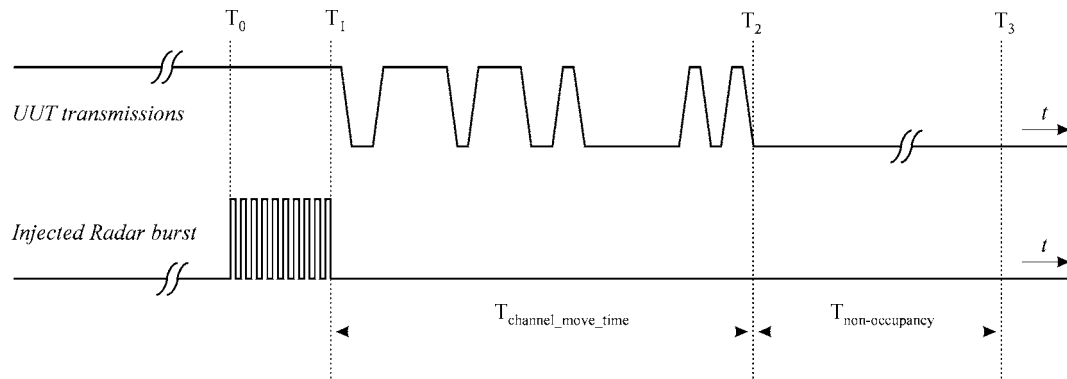
The EUT has In-Service Monitoring function to continuously monitor the radar signals, If radar is detected, it must leave the channel (Shutdown). The Channel Move Time to cease all transmissions on the current Channel upon detection of a Radar Waveform above the DFS Detection Threshold within 10 sec.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

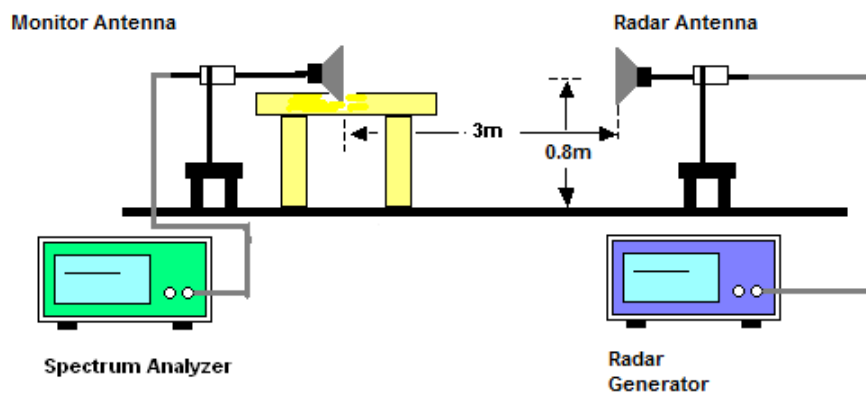
- (1) One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands. For 802.11 devices, the test frequency must contain control signals. This can be verified by disabling channel loading and monitoring the spectrum analyzer. If no control signals 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 :	20.5~27°C
Test Engineer :	Liliana Gonzalez	Relative Humidity :	36.4~58%

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
160MHz / 5250MHz	Channel Move Time	0.01317 s	< 10s	Pass
	Channel Closing Transmission Time	200ms + 0 ms	< 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass
160MHz / 5570MHz	Channel Move Time	0.002767 s	< 10s	Pass
	Channel Closing Transmission Time	200ms + 0 ms	< 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass

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

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

<160MHz / 5250MHz > (Radar injected on 5290MHz) In-Service Monitoring

Channel Move Time & Channel Closing Transmission Time

Marker 1: signal found within channel moving time.

Marker 2: 200ms after radar injected ; Marker 3: 10s after radar injected.



DFS & Adaptivity Test Tools Ver1.0 (2015-05-22)

Option

Trigger Level(dBm): -50

MK1 Time(s): 200.0000ms

MK2 Time(s): 10000.0000s

Delta2 Time(s): 9800.0000ms

On Time Point: 0

Total Point: 24497

Sum of On Time(s): 0.0000ms

Sweep Time(s): 12001.60ms

Sweep Point: 30000

Duty Cycle(%): 0.0000%

Run

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Note:

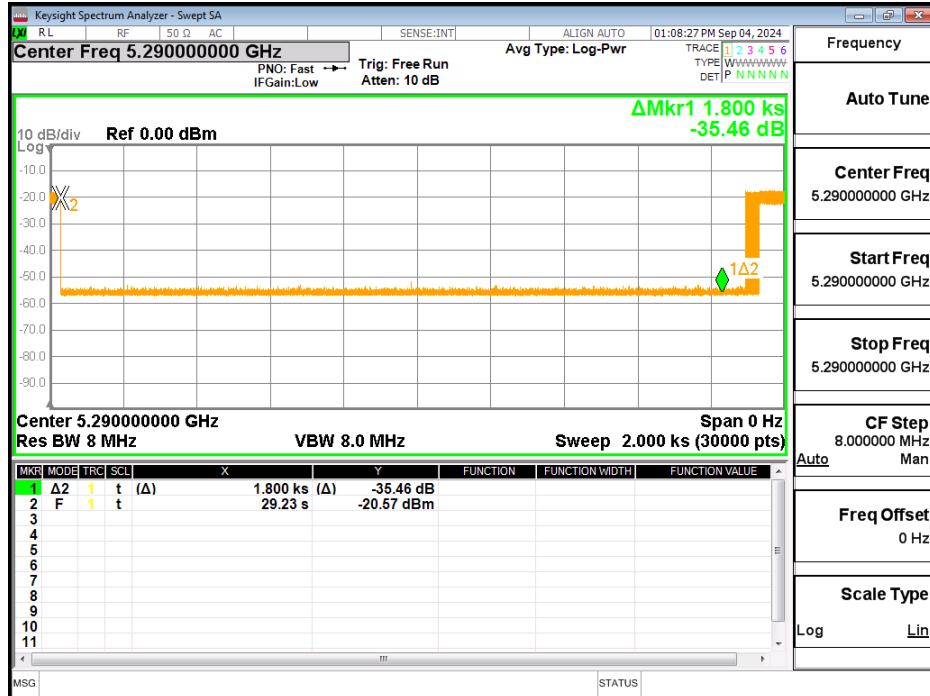
Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)

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



Non-Occupancy Period

Marker 2: radar injected ; Delta 1: 30 minutes after radar injected



<160MHz / 5570MHz > In-Service Monitoring

Channel Move Time &
Channel Closing Transmission Time

Marker 1: signal found within channel moving time.

Marker 2: 200ms after radar injected ; Marker 3: 10s after radar injected.



DFS & Adaptivity Test Tools Ver1.0 (2015-05-22)

Option

Trigger Level(dBm):	MK1 Time(s)	MK2 Time(s)	Delta2 Time(s)
-50	200.0000ms	10000.0000	9800.0000ms
On Time Point:	Total Point:	Sum of On Time(s):	
0	24497	0.0000ms	
Sweep Time(s)	Sweep Point	Duty Cycle(%)	
12001.60ms	30000	0.0000%	

Run

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Note:

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

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



Non-Occupancy Period

Marker 2: radar injected ; Delta 1: 30 minutes after radar injected





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

<160MHz / 5250MHz > (Radar injected on 5290MHz) Radar Type 5

Channel Move Time

Marker 1: End of transmission time ; Marker 2: 22seconds after radar injected



<160MHz / 5570MHz > Radar Type 5

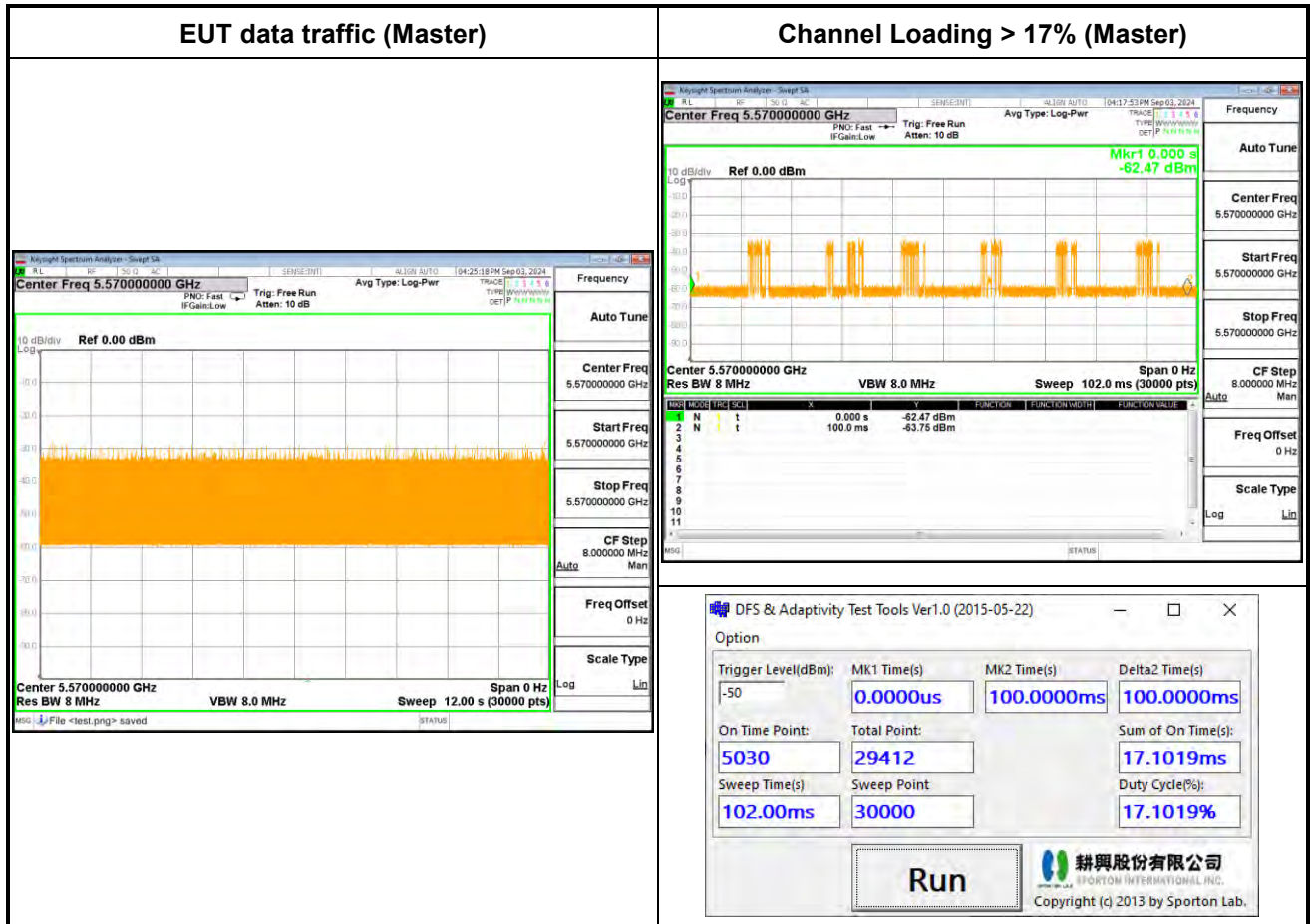
Channel Move Time

Marker 1: End of transmission time ; Marker 2: 22seconds after radar injected

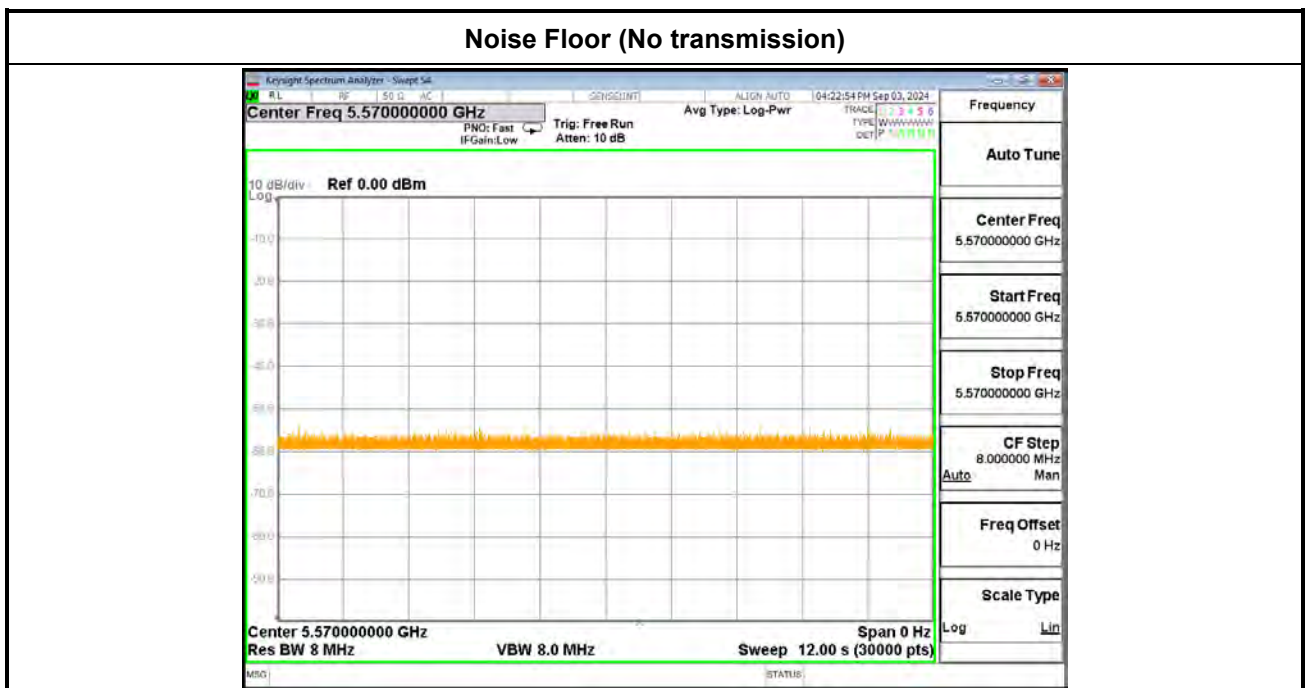




3.4.8 Data Traffic Channel Loading and Noise Floor Plots



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

Table 5 – Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
1	1	1428	18	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120



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

An example of aggregate detection probability calculation is listed in following table:

Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detection
1	30	29	96.7%
2	30	18	60%
3	30	27	90%
4	30	30	100%
Aggregate $(96.7\% + 60\% + 90\% + 100\%)/4 = 86.67\%$			

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: $FL + (0.4 * Chirp Width [in MHz])$

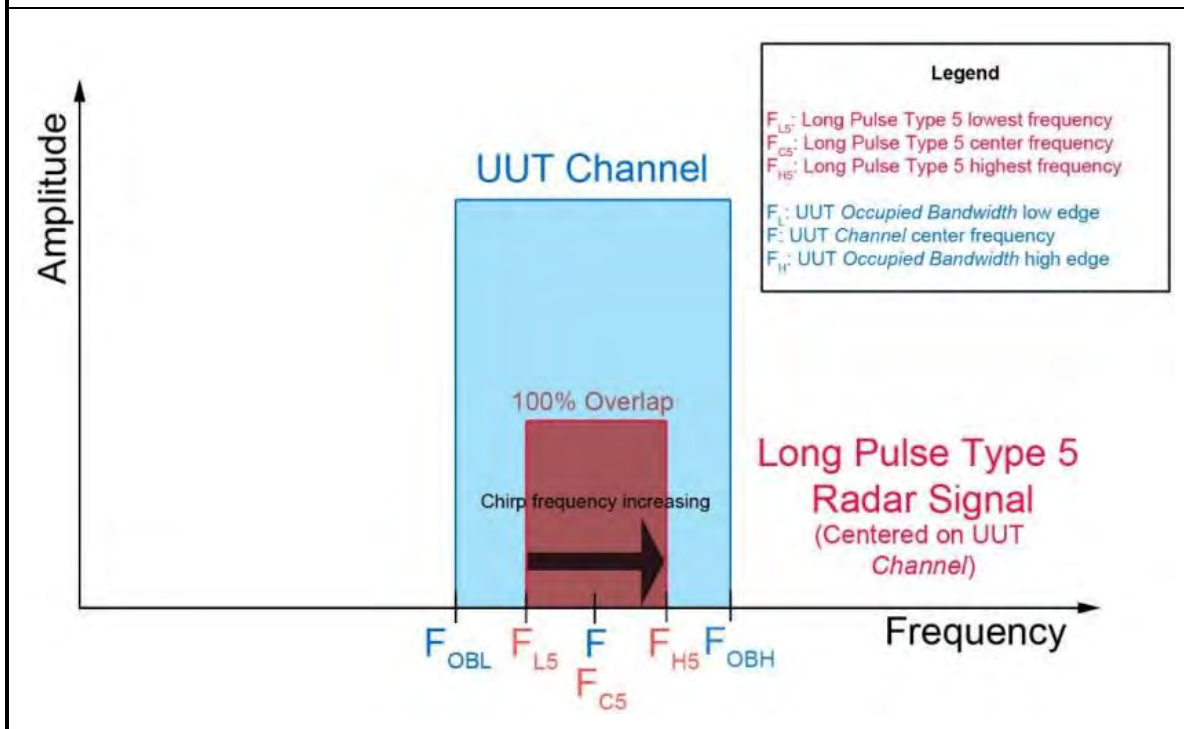
For subset case 3: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 3.

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

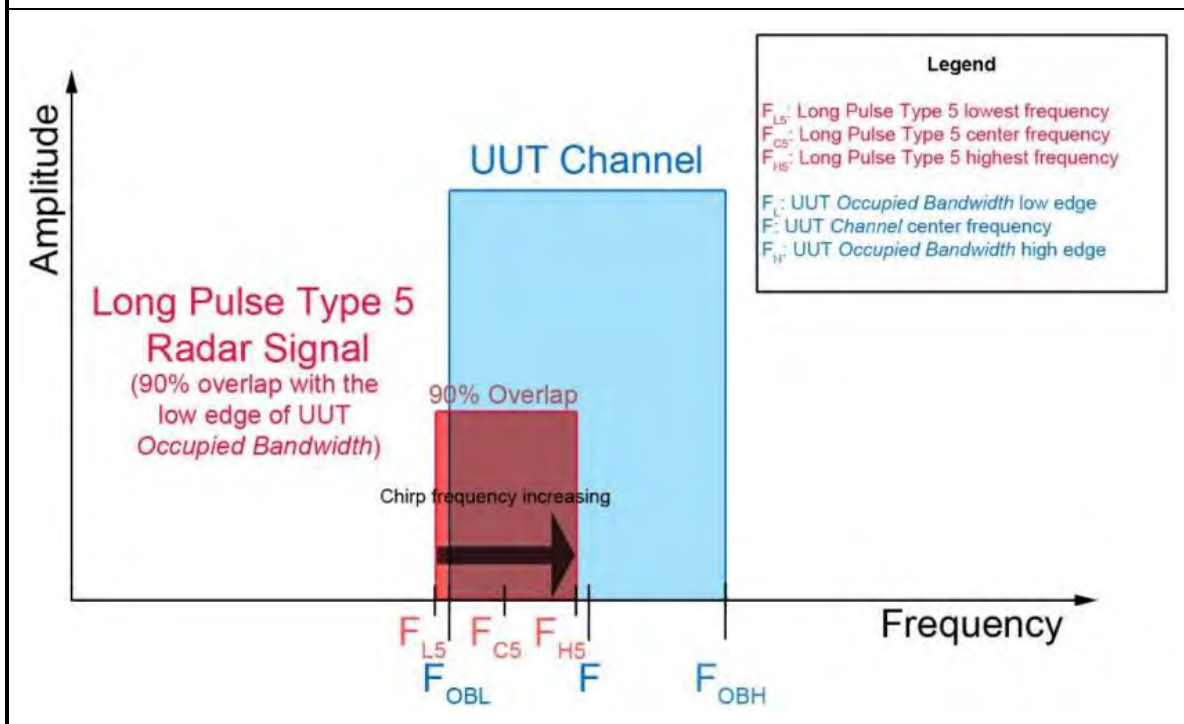
Note: The FH and FL are Occupied Bandwidth low edge and high edge, where

$$FH = Fc + (OBW / 2) \text{ and } FL = Fc - (OBW / 2)$$

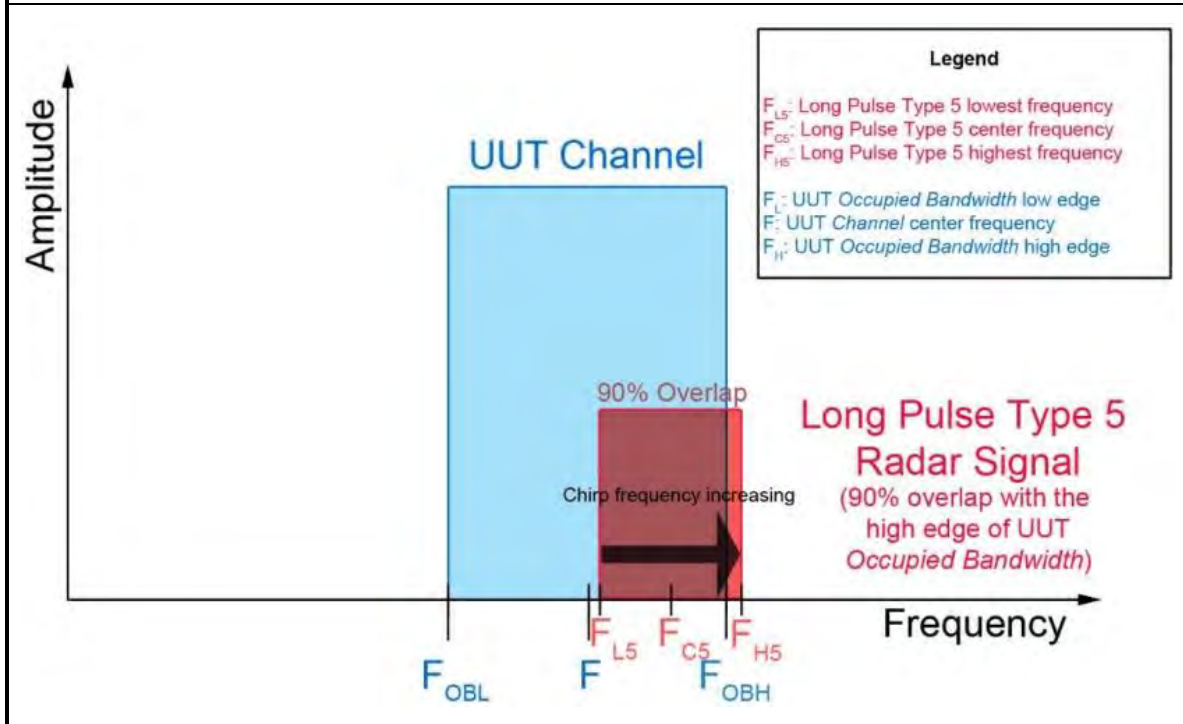
a) Channel center frequency (subset case 1)



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

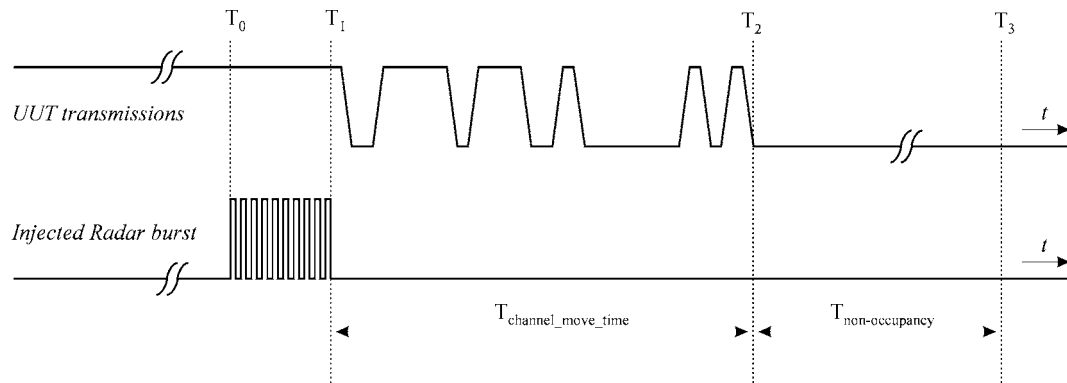
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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:

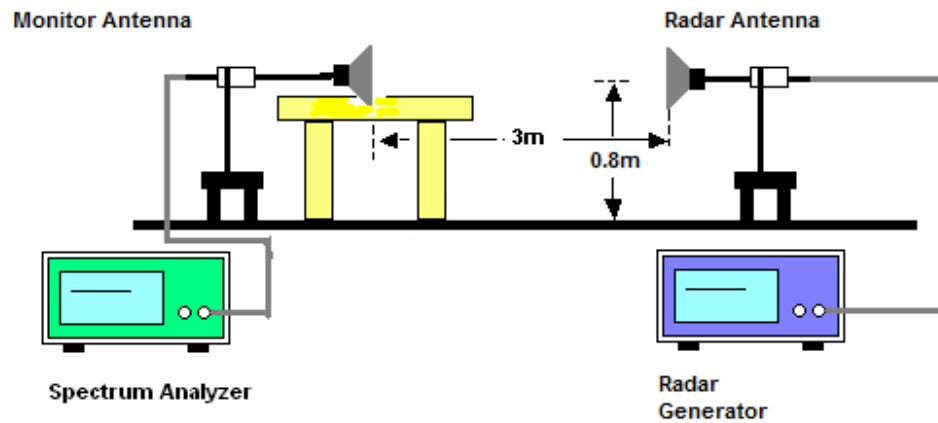
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues 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	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	N	Y	Y
16	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y
23	Y	Y	Y	Y	Y	Y
24	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	Y	Y	Y
28	Y	Y	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	30/30	30/30	30/30	29/30	30/30	30/30
Probability (%)	100%	100%	100%	96.67%	100%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			99.17% (>=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	N	Y	Y	Y
4	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y
23	Y	Y	Y	Y	Y	Y
24	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	Y	Y	Y
28	Y	Y	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	30/30	30/30	29/30	30/30	30/30	30/30
Probability (%)	100%	100%	96.67%	100%	100%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			99.17% (>=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	N	Y	Y	Y
6	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	Y	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	N	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	30/30	30/30	28/30	30/30	30/30	30/30
Probability (%)	100%	100%	93.33%	100%	100%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			98.33% (>=80%)			



<160MHz / 5250MHz> (Radar injected on 5290MHz)

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



<20MHz / 5500MHz>

(Detection = Y, No Detection = N)						
Trial Number	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
1	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	N	Y	Y
16	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y
23	Y	Y	Y	Y	Y	Y
24	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	Y	Y	Y
28	Y	Y	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	30/30	30/30	30/30	29/30	30/30	30/30
Probability (%)	100%	100%	100%	96.67%	100%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			99.17% (>=80%)			



<40MHz / 5510MHz>

(Detection = Y, No Detection = N)						
Trial Number	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
1	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y
23	Y	Y	Y	Y	Y	Y
24	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	N	Y	Y
27	Y	Y	Y	Y	Y	Y
28	Y	Y	N	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	30/30	30/30	29/30	29/30	30/30	30/30
Probability (%)	100%	100%	96.67%	96.67%	100%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			98.33% (>=80%)			



<80MHz / 5530MHz>

(Detection = Y, No Detection = N)						
Trial Number	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
1	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	N	Y	Y
18	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	N	N	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	N	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	30/30	30/30	30/30	28/30	28/30	30/30
Probability (%)	100%	100%	100%	93.33%	93.33%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			98.33% (>=80%)			



<160MHz / 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	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	N	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	N	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	N	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	30/30	30/30	30/30	29/30	28/30	30/30
Probability (%)	100%	100%	100%	96.67%	93.33%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			99.17% (>=80%)			



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Vector Generator	Keysight	N5182B	MY57300963	9KHz~6GHz	Mar. 26, 2024	Sep. 03, 2024~ Oct. 09, 2024	Mar. 25, 2025	DFS (DFS01-CA)
Frequency Extender for EXG or MXG	Keysight	N5182BX07	MY59360230	9kHz~7.2GHz	Mar. 26, 2024	Sep. 03, 2024~ Oct. 09, 2024	Mar. 25, 2025	DFS (DFS01-CA)
EXA Signal Analyzer	Keysight	N9010A	MY56070412	10Hz~7GHz	Nov. 30, 2023	Sep. 03, 2024~ Oct. 09, 2024	Nov. 29, 2024	DFS (DFS01-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	01894	1GHz ~18GHz	Aug. 07, 2024	Sep. 03, 2024~ Oct. 09, 2024	Aug. 06, 2025	DFS (DFS01-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	01895	1GHz ~18GHz	Aug. 15, 2024	Sep. 03, 2024~ Oct. 09, 2024	Aug. 14, 2025	DFS (DFS01-CA)
Hygrometer	Testo	608-H1	45142588	Temperature & Humidity	Aug. 14, 2024	Sep. 03, 2024~ Oct. 09, 2024	Aug. 13, 2025	DFS (DFS01-CA)



Appendix A. DFS Radar Parameters

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	10	1432.66	698	Yes
2	13	1319.26	758	Yes
3	2	1858.74	538	Yes
4	5	1672.24	598	Yes
5	9	1474.93	678	Yes
6	21	1089.32	918	Yes
7	4	1730.10	578	Yes
8	11	1392.76	718	Yes
9	3	1792.11	558	Yes
10	22	1066.10	938	Yes
11	8	1519.76	658	Yes
12	1	1930.50	518	Yes
13	12	1355.01	738	Yes
14	17	1193.32	838	Yes
15	20	1113.59	898	Yes
16		792.39	1262	Yes
17		1219.51	820	Yes
18		409.84	2440	Yes
19		900.09	1111	Yes
20		1242.24	805	Yes
21		367.11	2724	Yes
22		603.86	1656	Yes
23		414.42	2413	Yes
24		628.93	1590	Yes
25		800.64	1249	Yes
26		526.87	1898	Yes
27		398.57	2509	Yes
28		549.45	1820	Yes
29		361.14	2769	Yes
30		631.31	1584	Yes

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	203	Yes
2	28	4.10	153	Yes
3	29	4.90	210	Yes
4	25	2.20	172	Yes
5	29	4.60	170	Yes
6	27	3.80	177	Yes
7	26	3.00	228	Yes
8	26	2.80	209	Yes
9	27	3.80	193	Yes
10	24	2.00	175	Yes
11	26	3.20	171	Yes
12	26	2.80	154	Yes
13	25	2.60	190	Yes
14	24	2.00	162	Yes
15	23	1.20	161	Yes
16	29	4.90	216	Yes
17	26	2.80	199	Yes
18	28	4.50	164	Yes
19	23	1.40	227	Yes
20	29	4.90	176	Yes
21	28	4.20	223	Yes
22	25	2.50	218	Yes
23	27	3.40	173	Yes
24	26	3.00	151	Yes
25	24	1.80	167	Yes
26	25	2.30	165	Yes
27	25	2.20	205	Yes
28	24	1.70	230	Yes
29	29	4.90	187	Yes
30	25	2.30	178	Yes

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	475	Yes
2	18	9.10	314	Yes
3	18	9.90	268	Yes
4	16	7.20	499	Yes
5	18	9.60	493	Yes
6	18	8.80	267	Yes
7	17	8.00	272	Yes
8	17	7.80	494	Yes
9	18	8.80	364	Yes
10	16	7.00	460	Yes
11	17	8.20	397	Yes
12	17	7.80	302	Yes
13	17	7.60	423	Yes
14	16	7.00	383	Yes
15	16	6.20	350	Yes
16	18	9.90	322	Yes
17	17	7.80	451	Yes
18	18	9.50	471	Yes
19	16	6.40	329	Yes
20	18	9.90	320	Yes
21	18	9.20	216	Yes
22	17	7.50	416	Yes
23	17	8.40	400	Yes
24	17	8.00	225	Yes
25	16	6.80	233	Yes
26	16	7.30	404	Yes
27	16	7.20	463	Yes
28	16	6.70	464	Yes
29	18	9.90	449	Yes
30	16	7.30	241	Yes

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	15.30	475	Yes
2	15	18.00	314	Yes
3	16	19.60	268	Yes
4	13	13.70	499	Yes
5	16	19.10	493	Yes
6	15	17.20	267	Yes
7	14	15.50	272	Yes
8	14	15.20	494	Yes
9	15	17.30	364	Yes
10	13	13.30	460	Yes
11	14	16.00	397	Yes
12	14	15.10	302	Yes
13	14	14.60	423	Yes
14	13	13.30	383	Yes
15	12	11.50	350	No
16	16	19.80	322	Yes
17	14	15.00	451	Yes
18	16	18.70	471	Yes
19	12	12.10	329	Yes
20	16	19.70	320	Yes
21	15	18.20	216	Yes
22	13	14.50	416	Yes
23	15	16.40	400	Yes
24	14	15.40	225	Yes
25	12	12.80	233	Yes
26	13	13.90	404	Yes
27	13	13.70	463	Yes
28	12	12.70	464	Yes
29	16	19.80	449	Yes
30	13	13.90	241	Yes

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	73.8	12	1024	-	614616
2	3	88.7	12	1865	1221	819269
3	3	97.8	12	1018	1284	173954
4	1	64.8	12	-	-	381886
5	3	94.9	12	1351	1238	587396
6	3	84.4	12	1192	1875	794118
7	2	75.1	12	1382	-	148598
8	2	73.2	12	1881	-	355780
9	3	84.7	12	1013	1522	562222
10	1	62.8	12	-	-	771846
11	2	78	12	1256	-	123093
12	2	72.6	12	1125	-	330617
13	2	70	12	1988	-	536879
14	1	63	12	-	-	746063
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Trial Number:			2			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	52.8	17	-	-	76027
2	3	98.7	17	1247	1655	236293
3	2	72.3	17	1722	-	397373
4	3	92.8	17	1502	1320	557735
5	1	56	17	-	-	56102
6	3	98.1	17	1689	1571	216473
7	3	90	17	1233	1362	377056
8	2	69.3	17	1908	-	538877
9	2	80.2	17	1836	-	36154
10	2	74.6	17	1078	-	197190
11	1	59.9	17	-	-	358748
12	1	66	17	-	-	520255
13	1	65.1	17	-	-	16396
14	1	59.6	17	-	-	177699
15	3	98.4	17	1910	1609	337021
16	1	66	17	-	-	500580
17	2	77.7	17	1123	-	660508
18	1	65.5	17	-	-	157837
19						
20						

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

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	70.7	20	1835	-	286349
2	2	81.4	20	1151	-	431152
3	3	97.6	20	1406	1513	574655
4	3	94.9	20	1091	1184	123753
5	1	51.4	20	-	-	269393
6	3	88.7	20	1204	1130	412964
7	3	99.2	20	1896	1143	556564
8	3	84.2	20	1378	1152	105825
9	3	86.8	20	1534	1961	249939
10	2	79.6	20	1117	-	396158
11	3	88.4	20	1895	1149	539121
12	2	73	20	1166	-	88271
13	1	50	20	-	-	233609
14	1	50.6	20	-	-	378603
15	2	77.9	20	1214	-	522684
16	2	80.2	20	1366	-	70362
17	2	68.2	20	1240	-	215191
18	2	78.5	20	1178	-	360033
19	1	66	20	-	-	506005
20	3	85.1	20	1822	1440	52332

Trial Number:			4			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	3	94.1	9	1329	1349	358975
2	2	72.7	9	1399	-	623143
3	1	50.1	9	-	-	888148
4	1	54.4	9	-	-	63248
5	1	58.5	9	-	-	327581
6	2	73.1	9	1034	-	591273
7	1	54.9	9	-	-	855954
8	2	78.9	9	1493	-	30655
9	2	69.3	9	1804	-	294302
10	1	65.4	9	-	-	559188
11	2	74.8	9	1038	-	822808
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			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	2	68.6	19	1323	-	628147
2	3	85.1	19	1182	1087	151199
3	1	62.5	19	-	-	304801
4	1	51.8	19	-	-	457139
5	3	88.7	19	1294	1586	607017
6	1	65.4	19	-	-	132856
7	1	57.9	19	-	-	285558
8	3	97.2	19	1506	1180	436537
9	3	83.6	19	1286	1404	589291
10	3	93.6	19	1301	1005	113598
11	2	71.9	19	1205	-	266290
12	1	61.3	19	-	-	419578
13	1	60.4	19	-	-	572314
14	2	81	19	1826	-	95044
15	1	57.1	19	-	-	248184
16	2	74.5	19	1443	-	399933
17	1	59.3	19	-	-	553812
18	3	88.2	19	1239	1823	76116
19	3	84.9	19	1289	1796	227979
20						

Trial Number:			6			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	3	91.5	16	1720	1190	452050
2	2	69.8	16	1218	-	634340
3	1	50	16	-	-	68443
4	3	92.7	16	1739	1296	249006
5	2	71.4	16	1379	-	430570
6	3	98.1	16	1535	1075	611233
7	2	81.3	16	1297	-	46027
8	3	93.1	16	1819	1927	226423
9	3	86.3	16	1880	1165	407572
10	2	78.4	16	1334	-	589918
11	3	83.8	16	1764	1800	23617
12	2	70.3	16	1542	-	204861
13	1	64.8	16	-	-	386897
14	2	71.3	16	1308	-	567520
15	1	54.7	16	-	-	1386
16	2	69.7	16	1855	-	182386
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			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	88	13	1573	1064	415227
2	3	87.6	13	1380	1706	621967
3	3	98.8	13	1724	1820	827734
4	3	89.2	13	1850	1265	182819
5	1	64.7	13	-	-	391135
6	1	60.2	13	-	-	598409
7	2	81.4	13	1580	-	804585
8	2	82.4	13	1870	-	157576
9	3	91.5	13	1995	1156	363982
10	2	72.2	13	1049	-	572179
11	1	61.3	13	-	-	780949
12	3	89.7	13	1069	1928	131990
13	2	73.5	13	1899	-	339191
14	1	51.4	13	-	-	547484
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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	3	98.6	12	1979	1202	752238
2	3	95.6	12	1892	1530	106486
3	3	90.7	12	1768	1947	313100
4	3	84.4	12	1183	1299	520345
5	2	73.9	12	1010	-	728383
6	1	54.9	12	-	-	81324
7	2	68.6	12	1364	-	288197
8	3	92.4	12	1582	1022	494545
9	3	91.1	12	1111	1632	701226
10	1	53.7	12	-	-	55714
11	1	57.4	12	-	-	263144
12	2	72.4	12	1411	-	469763
13	2	71.7	12	1390	-	677379
14	2	68.8	12	1119	-	30144
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			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	3	99.8	16	1059	1479	195094
2	2	73.2	16	1420	-	365747
3	1	57	16	-	-	537152
4	3	90	16	1999	1622	3777
5	1	55.6	16	-	-	174668
6	1	61.2	16	-	-	345557
7	2	69.2	16	1118	-	515323
8	3	87	16	1550	1036	684911
9	1	60.5	16	-	-	153594
10	3	99.1	16	1915	1691	322536
11	2	70.2	16	1760	-	494232
12	2	81.2	16	1424	-	664929
13	3	88.5	16	1936	1298	131922
14	2	67.6	16	1110	-	302793
15	1	51.1	16	-	-	474385
16	3	99.3	16	1684	1916	642206
17	3	86.7	16	1505	1998	110993
18						
19						
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5300			
Burst	Number of Pulses	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	9	1084	1807	435575
2	2	69.6	9	1846	-	699408
3	3	84.9	9	1517	1032	962665
4	2	79.8	9	1412	-	139700
5	3	88.3	9	1974	1769	402860
6	2	79.7	9	1508	-	667716
7	2	80.4	9	1007	-	931317
8	3	97.5	9	1529	1644	107011
9	3	99.8	9	1984	1139	370519
10	1	51.1	9	-	-	635514
11	3	95.6	9	1314	1236	898082
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5295			Yes
Burst	Number of Pulses	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	96.5	13	1147	1063	54706
2	3	95	13	1971	1905	247420
3	2	81.8	13	1755	-	440953
4	3	92.4	13	1014	1686	634022
5	3	88.6	13	1185	1248	30875
6	1	62.6	13	-	-	224762
7	2	82.6	13	1177	-	417705
8	2	68.3	13	1212	-	611025
9	1	65.1	13	-	-	7124
10	2	71.4	13	1450	-	200434
11	3	84.1	13	1785	1782	392909
12	1	62.2	13	-	-	587859
13	2	82.2	13	1940	-	780081
14	1	61.6	13	-	-	176850
15	3	85	13	1104	1093	369770
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5295			Yes
Burst	Number of Pulses	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	91.7	12	1893	1419	648682
2	1	64.2	12	-	-	874380
3	3	92.7	12	1656	1651	176123
4	1	66.5	12	-	-	400212
5	1	50.9	12	-	-	623624
6	3	91.3	12	1106	1367	844914
7	3	91.9	12	1975	1645	148516
8	2	67	12	1729	-	371982
9	1	65.9	12	-	-	596122
10	1	52.7	12	-	-	819941
11	3	86.8	12	1545	1448	121271
12	3	89	12	1948	1253	343800
13	1	61.5	12	-	-	568389
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5295			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	93.6	11	1792	1704	789039
2	2	76.7	11	1687	-	93933
3	3	92.6	11	1445	1251	316669
4	1	55.8	11	-	-	540906
5	1	60.1	11	-	-	764839
6	2	73.6	11	1829	-	66424
7	3	90.5	11	1060	1030	289436
8	1	65.6	11	-	-	513463
9	2	67.3	11	1322	-	736170
10	2	77.8	11	1610	-	38949
11	3	92.7	11	1860	1728	261387
12	2	75.9	11	1612	-	484939
13	3	85.1	11	1423	1131	707409
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5294			Yes
Burst	Number of Pulses	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	82.9	9	1765	-	13552
2	3	84.1	9	1824	1318	276863
3	1	65.3	9	-	-	541947
4	1	57.5	9	-	-	806131
5	1	57.4	9	-	-	1070379
6	1	52.6	9	-	-	245288
7	2	68.2	9	1640	-	508881
8	1	53.2	9	-	-	773566
9	3	88	9	1081	1817	1035262
10	1	66.2	9	-	-	212683
11	1	54.7	9	-	-	476912
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5292			
Burst	Number of Pulses	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	83.3	5	1217	-	1018432
2	1	50.1	5	-	-	1383006
3	1	54.3	5	-	-	247837
4	1	54.5	5	-	-	611159
5	2	77.9	5	1695	-	973820
6	1	65.8	5	-	-	1338111
7	3	89.6	5	1088	1987	202667
8	1	51.8	5	-	-	566564
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5298			
Burst	Number of Pulses	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	73.6	20	1339	-	370624
2	2	71.1	20	1606	-	514929
3	2	74.7	20	1426	-	63073
4	3	88.5	20	1597	1120	207317
5	2	78.9	20	1255	-	352536
6	2	78.2	20	1662	-	497319
7	1	52	20	-	-	45361
8	1	58.6	20	-	-	190493
9	2	71.1	20	1042	-	334919
10	2	69.4	20	1942	-	479564
11	2	74.4	20	1737	-	27370
12	3	86.4	20	1452	1206	171780
13	1	50	20	-	-	317717
14	3	90.6	20	1618	1338	460543
15	1	65.9	20	-	-	9568
16	1	58.3	20	-	-	154770
17	1	57.8	20	-	-	300054
18	1	51.7	20	-	-	444809
19	1	58.4	20	-	-	590657
20	3	95.4	20	1588	1140	136123

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

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5295			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	84.1	12	1611	1866	432794
2	2	70.7	12	1328	-	656845
3	1	58.3	12	-	-	880815
4	1	55.6	12	-	-	183216
5	1	60.4	12	-	-	406890
6	3	87.8	12	1446	1646	628128
7	2	72.6	12	1098	-	852449
8	1	59.9	12	-	-	155681
9	2	69.3	12	1923	-	378400
10	3	86	12	1677	1458	600845
11	3	87.7	12	1837	1476	823033
12	1	51.4	12	-	-	128090
13	3	88.2	12	1220	1913	350484
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5297			Yes
Burst	Number of Pulses	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	90.9	18	1526	1888	391244
2	1	52.2	18	-	-	545638
3	1	64	18	-	-	68823
4	1	58.2	18	-	-	221555
5	3	95.6	18	1477	1741	372314
6	3	86.4	18	1591	1172	524726
7	2	79.3	18	1871	-	49788
8	1	55.3	18	-	-	202750
9	3	94.1	18	1803	1332	353580
10	3	97.2	18	1333	1263	506580
11	3	83.8	18	1094	1748	31002
12	1	63.5	18	-	-	184015
13	2	79.8	18	1990	-	335806
14	1	54.7	18	-	-	489469
15	3	92.7	18	1657	1330	12250
16	3	84.3	18	1497	1467	164432
17	3	96	18	1650	1603	316493
18	3	96.8	18	1801	1210	468725
19	2	76.2	18	1507	-	622150
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5293			Yes
Burst	Number of Pulses	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	57.4	6	-	-	309163
2	3	94.3	6	1211	1857	630587
3	2	67.7	6	1584	-	954017
4	1	52.8	6	-	-	1278723
5	1	62.7	6	-	-	269550
6	2	69.1	6	1629	-	591885
7	2	78	6	1953	-	914068
8	3	91.2	6	1847	1300	1235203
9	1	55.6	6	-	-	229600
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5298			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	92.1	20	1556	1891	246870
2	3	89.3	20	1937	1951	390991
3	3	85.2	20	1626	1393	536372
4	2	81.8	20	1246	-	85130
5	2	73	20	1981	-	229865
6	3	98.2	20	1963	1386	373480
7	1	59.1	20	-	-	520853
8	3	88.4	20	1092	1083	67167
9	1	51.9	20	-	-	212582
10	1	50.1	20	-	-	358023
11	1	62.2	20	-	-	502930
12	1	65.3	20	-	-	49542
13	2	79.1	20	1485	-	194381
14	3	90.1	20	1504	1849	338029
15	3	90	20	1862	1602	482539
16	2	73.6	20	1154	-	31646
17	2	74.5	20	1174	-	176390
18	3	92.1	20	1355	1759	320124
19	2	80.7	20	1898	-	465961
20	2	83	20	1519	-	13769

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

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5303			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	79.9	17	1839	-	176210
2	2	75.7	17	1648	-	337365
3	2	73.3	17	1483	-	498406
4	3	89.2	17	1499	1337	657749
5	1	61.5	17	-	-	156710
6	3	94	17	1929	1701	316531
7	3	94	17	1767	1730	476576
8	2	73.1	17	1230	-	639346
9	3	99.4	17	1276	1664	136392
10	1	51.2	17	-	-	298227
11	3	89.2	17	1758	1555	457227
12	2	67.6	17	1840	-	619049
13	3	95.3	17	1872	1805	116406
14	2	73.7	17	1235	-	277662
15	1	63.2	17	-	-	439896
16	1	54.7	17	-	-	601455
17	1	62	17	-	-	97226
18	1	51.9	17	-	-	258590
19						
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5305			
Burst	Number of Pulses	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	90.6	11	1126	1976	579878
2	2	81.6	11	1427	-	803537
3	3	95.6	11	1858	1009	106775
4	1	54.3	11	-	-	330772
5	2	82.3	11	1699	-	553090
6	3	95.9	11	1784	1109	774918
7	3	84.5	11	1097	1208	79388
8	1	60.8	11	-	-	303070
9	2	78.4	11	1761	-	525528
10	1	54.2	11	-	-	750366
11	2	77.8	11	1429	-	51979
12	2	79.3	11	1674	-	275105
13	3	88.2	11	1734	1394	497583
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5304			Yes
Burst	Number of Pulses	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	14	1548	-	624902
2	3	97.3	14	1503	1383	21170
3	1	58.1	14	-	-	214978
4	2	75.7	14	1137	-	408059
5	1	66.3	14	-	-	602526
6	1	66	14	-	-	795780
7	3	96	14	1721	1438	190333
8	2	70.3	14	1536	-	384014
9	2	79	14	1447	-	577607
10	1	54.2	14	-	-	772348
11	3	86.1	14	1244	1890	166528
12	3	89	14	1051	1189	359942
13	1	50.7	14	-	-	554321
14	1	61	14	-	-	748600
15	3	94.6	14	1902	1306	142749
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5305			Yes
Burst	Number of Pulses	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	12	1280	-	360666
2	1	55.3	12	-	-	568695
3	2	76.8	12	1003	-	775415
4	3	85.2	12	1957	1736	127483
5	1	61.6	12	-	-	335396
6	2	72.5	12	1044	-	542612
7	1	51.4	12	-	-	750661
8	3	99.2	12	1983	1670	101982
9	3	87.5	12	1636	1369	308989
10	2	75.5	12	1357	-	516702
11	3	93.5	12	1414	1006	723061
12	2	77.5	12	1958	-	76718
13	1	54.7	12	-	-	284598
14	1	50.6	12	-	-	492206
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5307			Yes
Burst	Number of Pulses	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	65.6	8	-	-	979594
2	3	89.8	8	1917	1475	71716
3	3	95.3	8	1941	1103	361536
4	2	70.1	8	1381	-	652499
5	1	63	8	-	-	943954
6	1	62.1	8	-	-	36125
7	2	70.3	8	1055	-	326497
8	3	87.2	8	1167	1909	615960
9	3	98	8	1852	1029	905759
10	3	96.9	8	1283	1844	323
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5306			Yes
Burst	Number of Pulses	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	88.8	10	1791	1623	241606
2	1	66.1	10	-	-	484528
3	2	81.7	10	1635	-	725304
4	1	61.6	10	-	-	968962
5	2	77.3	10	1930	-	212159
6	1	59.4	10	-	-	454865
7	1	65.3	10	-	-	696950
8	2	81.6	10	1757	-	937169
9	3	84.8	10	1282	1124	182268
10	3	89.9	10	1547	1633	423639
11	3	90.8	10	1402	1273	665074
12	2	73	10	1977	-	907107
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5306			Yes
Burst	Number of Pulses	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	77.4	9	1066	-	166680
2	3	92.7	9	1727	1546	429629
3	2	67.6	9	1011	-	694529
4	1	65.6	9	-	-	959725
5	2	75.6	9	1370	-	134139
6	3	98.2	9	1040	1944	397448
7	2	70.6	9	1254	-	662173
8	1	50.1	9	-	-	926944
9	2	72.9	9	1231	-	101664
10	3	88.6	9	1931	1965	364710
11	3	91.2	9	1641	1738	628466
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5307			Yes
Burst	Number of Pulses	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	69.7	8	1228	-	983288
2	1	63.4	8	-	-	76165
3	1	64.5	8	-	-	366727
4	3	90.8	8	1560	1065	656067
5	2	68.9	8	1023	-	947032
6	3	87.7	8	1401	1100	40298
7	3	99	8	1439	1564	330322
8	2	74.3	8	1079	-	621066
9	2	82.9	8	1964	-	910712
10	1	57.3	8	-	-	4562
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5302			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	80	20	1933	-	147015
2	3	96.5	20	1851	1743	291033
3	3	95.6	20	1710	1532	435379
4	3	90.9	20	1680	1666	579536
5	3	89.9	20	1269	1978	128809
6	2	71.8	20	1698	-	273950
7	2	78	20	1268	-	418848
8	1	60.2	20	-	-	564624
9	1	61.8	20	-	-	111631
10	3	92.7	20	1863	1854	255062
11	1	64.8	20	-	-	401676
12	1	59.8	20	-	-	547143
13	3	92.6	20	1808	1778	93210
14	1	62.4	20	-	-	238884
15	1	52.6	20	-	-	384057
16	1	52.4	20	-	-	529309
17	3	97.4	20	1906	1047	75513
18	3	86.5	20	1105	1745	219952
19	2	72.2	20	1811	-	364994
20	1	66.5	20	-	-	511149

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5306			
Burst	Number of Pulses	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	97.8	10	1683	1141	96519
2	2	73.9	10	1528	-	338451
3	1	50.2	10	-	-	581308
4	2	74.9	10	1570	-	821931
5	1	62	10	-	-	67004
6	3	98.2	10	1486	1026	308460
7	1	62.8	10	-	-	551391
8	2	68.6	10	1578	-	792288
9	3	96.4	10	1008	1148	37088
10	3	94	10	1473	1216	278496
11	3	85.9	10	1408	1352	520174
12	1	65.6	10	-	-	763446
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DFS Radar Parameters
FCC Radar Type 1
Channel 62 Bandwidth 40MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	10	1432.66	698	Yes
2	13	1319.26	758	Yes
3	2	1858.74	538	Yes
4	5	1672.24	598	Yes
5	9	1474.93	678	Yes
6	21	1089.32	918	Yes
7	4	1730.10	578	Yes
8	11	1392.76	718	Yes
9	3	1792.11	558	Yes
10	22	1066.10	938	Yes
11	8	1519.76	658	Yes
12	1	1930.50	518	Yes
13	12	1355.01	738	Yes
14	17	1193.32	838	Yes
15	20	1113.59	898	Yes
16		792.39	1262	Yes
17		1219.51	820	Yes
18		409.84	2440	Yes
19		900.09	1111	Yes
20		1242.24	805	Yes
21		367.11	2724	Yes
22		603.86	1656	Yes
23		414.42	2413	Yes
24		628.93	1590	Yes
25		800.64	1249	Yes
26		526.87	1898	Yes
27		398.57	2509	Yes
28		549.45	1820	Yes
29		361.14	2769	Yes
30		631.31	1584	Yes

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	203	Yes
2	28	4.10	153	Yes
3	29	4.90	210	Yes
4	25	2.20	172	Yes
5	29	4.60	170	Yes
6	27	3.80	177	Yes
7	26	3.00	228	Yes
8	26	2.80	209	Yes
9	27	3.80	193	Yes
10	24	2.00	175	Yes
11	26	3.20	171	Yes
12	26	2.80	154	Yes
13	25	2.60	190	Yes
14	24	2.00	162	Yes
15	23	1.20	161	Yes
16	29	4.90	216	Yes
17	26	2.80	199	Yes
18	28	4.50	164	Yes
19	23	1.40	227	Yes
20	29	4.90	176	Yes
21	28	4.20	223	Yes
22	25	2.50	218	Yes
23	27	3.40	173	Yes
24	26	3.00	151	Yes
25	24	1.80	167	Yes
26	25	2.30	165	Yes
27	25	2.20	205	Yes
28	24	1.70	230	Yes
29	29	4.90	187	Yes
30	25	2.30	178	Yes

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	475	Yes
2	18	9.10	314	Yes
3	18	9.90	268	No
4	16	7.20	499	Yes
5	18	9.60	493	Yes
6	18	8.80	267	Yes
7	17	8.00	272	Yes
8	17	7.80	494	Yes
9	18	8.80	364	Yes
10	16	7.00	460	Yes
11	17	8.20	397	Yes
12	17	7.80	302	Yes
13	17	7.60	423	Yes
14	16	7.00	383	Yes
15	16	6.20	350	Yes
16	18	9.90	322	Yes
17	17	7.80	451	Yes
18	18	9.50	471	Yes
19	16	6.40	329	Yes
20	18	9.90	320	Yes
21	18	9.20	216	Yes
22	17	7.50	416	Yes
23	17	8.40	400	Yes
24	17	8.00	225	Yes
25	16	6.80	233	Yes
26	16	7.30	404	Yes
27	16	7.20	463	Yes
28	16	6.70	464	Yes
29	18	9.90	449	Yes
30	16	7.30	241	Yes

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	15.30	475	Yes
2	15	18.00	314	Yes
3	16	19.60	268	Yes
4	13	13.70	499	Yes
5	16	19.10	493	Yes
6	15	17.20	267	Yes
7	14	15.50	272	Yes
8	14	15.20	494	Yes
9	15	17.30	364	Yes
10	13	13.30	460	Yes
11	14	16.00	397	Yes
12	14	15.10	302	Yes
13	14	14.60	423	Yes
14	13	13.30	383	Yes
15	12	11.50	350	Yes
16	16	19.80	322	Yes
17	14	15.00	451	Yes
18	16	18.70	471	Yes
19	12	12.10	329	Yes
20	16	19.70	320	Yes
21	15	18.20	216	Yes
22	13	14.50	416	Yes
23	15	16.40	400	Yes
24	14	15.40	225	Yes
25	12	12.80	233	Yes
26	13	13.90	404	Yes
27	13	13.70	463	Yes
28	12	12.70	464	Yes
29	16	19.80	449	Yes
30	13	13.90	241	Yes

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	73.8	12	1024	-	614616
2	3	88.7	12	1865	1221	819269
3	3	97.8	12	1018	1284	173954
4	1	64.8	12	-	-	381886
5	3	94.9	12	1351	1238	587396
6	3	84.4	12	1192	1875	794118
7	2	75.1	12	1382	-	148598
8	2	73.2	12	1881	-	355780
9	3	84.7	12	1013	1522	562222
10	1	62.8	12	-	-	771846
11	2	78	12	1256	-	123093
12	2	72.6	12	1125	-	330617
13	2	70	12	1988	-	536879
14	1	63	12	-	-	746063
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Trial Number:			2			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	52.8	17	-	-	76027
2	3	98.7	17	1247	1655	236293
3	2	72.3	17	1722	-	397373
4	3	92.8	17	1502	1320	557735
5	1	56	17	-	-	56102
6	3	98.1	17	1689	1571	216473
7	3	90	17	1233	1362	377056
8	2	69.3	17	1908	-	538877
9	2	80.2	17	1836	-	36154
10	2	74.6	17	1078	-	197190
11	1	59.9	17	-	-	358748
12	1	66	17	-	-	520255
13	1	65.1	17	-	-	16396
14	1	59.6	17	-	-	177699
15	3	98.4	17	1910	1609	337021
16	1	66	17	-	-	500580
17	2	77.7	17	1123	-	660508
18	1	65.5	17	-	-	157837
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:			20			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	70.7	20	1835	-	286349
2	2	81.4	20	1151	-	431152
3	3	97.6	20	1406	1513	574655
4	3	94.9	20	1091	1184	123753
5	1	51.4	20	-	-	269393
6	3	88.7	20	1204	1130	412964
7	3	99.2	20	1896	1143	556564
8	3	84.2	20	1378	1152	105825
9	3	86.8	20	1534	1961	249939
10	2	79.6	20	1117	-	396158
11	3	88.4	20	1895	1149	539121
12	2	73	20	1166	-	88271
13	1	50	20	-	-	233609
14	1	50.6	20	-	-	378603
15	2	77.9	20	1214	-	522684
16	2	80.2	20	1366	-	70362
17	2	68.2	20	1240	-	215191
18	2	78.5	20	1178	-	360033
19	1	66	20	-	-	506005
20	3	85.1	20	1822	1440	52332

Trial Number:			4			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	3	94.1	9	1329	1349	358975
2	2	72.7	9	1399	-	623143
3	1	50.1	9	-	-	888148
4	1	54.4	9	-	-	63248
5	1	58.5	9	-	-	327581
6	2	73.1	9	1034	-	591273
7	1	54.9	9	-	-	855954
8	2	78.9	9	1493	-	30655
9	2	69.3	9	1804	-	294302
10	1	65.4	9	-	-	559188
11	2	74.8	9	1038	-	822808
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Channel 62 Bandwidth 40MHz

Trial Number:			5			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	68.6	19	1323	-	628147
2	3	85.1	19	1182	1087	151199
3	1	62.5	19	-	-	304801
4	1	51.8	19	-	-	457139
5	3	88.7	19	1294	1586	607017
6	1	65.4	19	-	-	132856
7	1	57.9	19	-	-	285558
8	3	97.2	19	1506	1180	436537
9	3	83.6	19	1286	1404	589291
10	3	93.6	19	1301	1005	113598
11	2	71.9	19	1205	-	266290
12	1	61.3	19	-	-	419578
13	1	60.4	19	-	-	572314
14	2	81	19	1826	-	95044
15	1	57.1	19	-	-	248184
16	2	74.5	19	1443	-	399933
17	1	59.3	19	-	-	553812
18	3	88.2	19	1239	1823	76116
19	3	84.9	19	1289	1796	227979
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Trial Number:			6			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	3	91.5	16	1720	1190	452050
2	2	69.8	16	1218	-	634340
3	1	50	16	-	-	68443
4	3	92.7	16	1739	1296	249006
5	2	71.4	16	1379	-	430570
6	3	98.1	16	1535	1075	611233
7	2	81.3	16	1297	-	46027
8	3	93.1	16	1819	1927	226423
9	3	86.3	16	1880	1165	407572
10	2	78.4	16	1334	-	589918
11	3	83.8	16	1764	1800	23617
12	2	70.3	16	1542	-	204861
13	1	64.8	16	-	-	386897
14	2	71.3	16	1308	-	567520
15	1	54.7	16	-	-	1386
16	2	69.7	16	1855	-	182386
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Trial Number:			7			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	88	13	1573	1064	415227
2	3	87.6	13	1380	1706	621967
3	3	98.8	13	1724	1820	827734
4	3	89.2	13	1850	1265	182819
5	1	64.7	13	-	-	391135
6	1	60.2	13	-	-	598409
7	2	81.4	13	1580	-	804585
8	2	82.4	13	1870	-	157576
9	3	91.5	13	1995	1156	363982
10	2	72.2	13	1049	-	572179
11	1	61.3	13	-	-	780949
12	3	89.7	13	1069	1928	131990
13	2	73.5	13	1899	-	339191
14	1	51.4	13	-	-	547484
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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	3	98.6	12	1979	1202	752238
2	3	95.6	12	1892	1530	106486
3	3	90.7	12	1768	1947	313100
4	3	84.4	12	1183	1299	520345
5	2	73.9	12	1010	-	728383
6	1	54.9	12	-	-	81324
7	2	68.6	12	1364	-	288197
8	3	92.4	12	1582	1022	494545
9	3	91.1	12	1111	1632	701226
10	1	53.7	12	-	-	55714
11	1	57.4	12	-	-	263144
12	2	72.4	12	1411	-	469763
13	2	71.7	12	1390	-	677379
14	2	68.8	12	1119	-	30144
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Trial Number:			9			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	3	99.8	16	1059	1479	195094
2	2	73.2	16	1420	-	365747
3	1	57	16	-	-	537152
4	3	90	16	1999	1622	3777
5	1	55.6	16	-	-	174668
6	1	61.2	16	-	-	345557
7	2	69.2	16	1118	-	515323
8	3	87	16	1550	1036	684911
9	1	60.5	16	-	-	153594
10	3	99.1	16	1915	1691	322536
11	2	70.2	16	1760	-	494232
12	2	81.2	16	1424	-	664929
13	3	88.5	16	1936	1298	131922
14	2	67.6	16	1110	-	302793
15	1	51.1	16	-	-	474385
16	3	99.3	16	1684	1916	642206
17	3	86.7	16	1505	1998	110993
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Trial Number:			10			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	3	91.6	9	1084	1807	435575
2	2	69.6	9	1846	-	699408
3	3	84.9	9	1517	1032	962665
4	2	79.8	9	1412	-	139700
5	3	88.3	9	1974	1769	402860
6	2	79.7	9	1508	-	667716
7	2	80.4	9	1007	-	931317
8	3	97.5	9	1529	1644	107011
9	3	99.8	9	1984	1139	370519
10	1	51.1	9	-	-	635514
11	3	95.6	9	1314	1236	898082
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5296			Yes
Burst	Number of Pulses	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	96.5	13	1147	1063	54706
2	3	95	13	1971	1905	247420
3	2	81.8	13	1755	-	440953
4	3	92.4	13	1014	1686	634022
5	3	88.6	13	1185	1248	30875
6	1	62.6	13	-	-	224762
7	2	82.6	13	1177	-	417705
8	2	68.3	13	1212	-	611025
9	1	65.1	13	-	-	7124
10	2	71.4	13	1450	-	200434
11	3	84.1	13	1785	1782	392909
12	1	62.2	13	-	-	587859
13	2	82.2	13	1940	-	780081
14	1	61.6	13	-	-	176850
15	3	85	13	1104	1093	369770
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5296			Yes
Burst	Number of Pulses	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	91.7	12	1893	1419	648682
2	1	64.2	12	-	-	874380
3	3	92.7	12	1656	1651	176123
4	1	66.5	12	-	-	400212
5	1	50.9	12	-	-	623624
6	3	91.3	12	1106	1367	844914
7	3	91.9	12	1975	1645	148516
8	2	67	12	1729	-	371982
9	1	65.9	12	-	-	596122
10	1	52.7	12	-	-	819941
11	3	86.8	12	1545	1448	121271
12	3	89	12	1948	1253	343800
13	1	61.5	12	-	-	568389
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5295			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	93.6	11	1792	1704	789039
2	2	76.7	11	1687	-	93933
3	3	92.6	11	1445	1251	316669
4	1	55.8	11	-	-	540906
5	1	60.1	11	-	-	764839
6	2	73.6	11	1829	-	66424
7	3	90.5	11	1060	1030	289436
8	1	65.6	11	-	-	513463
9	2	67.3	11	1322	-	736170
10	2	77.8	11	1610	-	38949
11	3	92.7	11	1860	1728	261387
12	2	75.9	11	1612	-	484939
13	3	85.1	11	1423	1131	707409
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5294			
Burst	Number of Pulses	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	82.9	9	1765	-	13552
2	3	84.1	9	1824	1318	276863
3	1	65.3	9	-	-	541947
4	1	57.5	9	-	-	806131
5	1	57.4	9	-	-	1070379
6	1	52.6	9	-	-	245288
7	2	68.2	9	1640	-	508881
8	1	53.2	9	-	-	773566
9	3	88	9	1081	1817	1035262
10	1	66.2	9	-	-	212683
11	1	54.7	9	-	-	476912
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5293			
Burst	Number of Pulses	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	83.3	5	1217	-	1018432
2	1	50.1	5	-	-	1383006
3	1	54.3	5	-	-	247837
4	1	54.5	5	-	-	611159
5	2	77.9	5	1695	-	973820
6	1	65.8	5	-	-	1338111
7	3	89.6	5	1088	1987	202667
8	1	51.8	5	-	-	566564
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5299			
Burst	Number of Pulses	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	73.6	20	1339	-	370624
2	2	71.1	20	1606	-	514929
3	2	74.7	20	1426	-	63073
4	3	88.5	20	1597	1120	207317
5	2	78.9	20	1255	-	352536
6	2	78.2	20	1662	-	497319
7	1	52	20	-	-	45361
8	1	58.6	20	-	-	190493
9	2	71.1	20	1042	-	334919
10	2	69.4	20	1942	-	479564
11	2	74.4	20	1737	-	27370
12	3	86.4	20	1452	1206	171780
13	1	50	20	-	-	317717
14	3	90.6	20	1618	1338	460543
15	1	65.9	20	-	-	9568
16	1	58.3	20	-	-	154770
17	1	57.8	20	-	-	300054
18	1	51.7	20	-	-	444809
19	1	58.4	20	-	-	590657
20	3	95.4	20	1588	1140	136123

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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5296			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	84.1	12	1611	1866	432794
2	2	70.7	12	1328	-	656845
3	1	58.3	12	-	-	880815
4	1	55.6	12	-	-	183216
5	1	60.4	12	-	-	406890
6	3	87.8	12	1446	1646	628128
7	2	72.6	12	1098	-	852449
8	1	59.9	12	-	-	155681
9	2	69.3	12	1923	-	378400
10	3	86	12	1677	1458	600845
11	3	87.7	12	1837	1476	823033
12	1	51.4	12	-	-	128090
13	3	88.2	12	1220	1913	350484
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5298			Yes
Burst	Number of Pulses	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	90.9	18	1526	1888	391244
2	1	52.2	18	-	-	545638
3	1	64	18	-	-	68823
4	1	58.2	18	-	-	221555
5	3	95.6	18	1477	1741	372314
6	3	86.4	18	1591	1172	524726
7	2	79.3	18	1871	-	49788
8	1	55.3	18	-	-	202750
9	3	94.1	18	1803	1332	353580
10	3	97.2	18	1333	1263	506580
11	3	83.8	18	1094	1748	31002
12	1	63.5	18	-	-	184015
13	2	79.8	18	1990	-	335806
14	1	54.7	18	-	-	489469
15	3	92.7	18	1657	1330	12250
16	3	84.3	18	1497	1467	164432
17	3	96	18	1650	1603	316493
18	3	96.8	18	1801	1210	468725
19	2	76.2	18	1507	-	622150
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5293			
Burst	Number of Pulses	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	57.4	6	-	-	309163
2	3	94.3	6	1211	1857	630587
3	2	67.7	6	1584	-	954017
4	1	52.8	6	-	-	1278723
5	1	62.7	6	-	-	269550
6	2	69.1	6	1629	-	591885
7	2	78	6	1953	-	914068
8	3	91.2	6	1847	1300	1235203
9	1	55.6	6	-	-	229600
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5299			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	92.1	20	1556	1891	246870
2	3	89.3	20	1937	1951	390991
3	3	85.2	20	1626	1393	536372
4	2	81.8	20	1246	-	85130
5	2	73	20	1981	-	229865
6	3	98.2	20	1963	1386	373480
7	1	59.1	20	-	-	520853
8	3	88.4	20	1092	1083	67167
9	1	51.9	20	-	-	212582
10	1	50.1	20	-	-	358023
11	1	62.2	20	-	-	502930
12	1	65.3	20	-	-	49542
13	2	79.1	20	1485	-	194381
14	3	90.1	20	1504	1849	338029
15	3	90	20	1862	1602	482539
16	2	73.6	20	1154	-	31646
17	2	74.5	20	1174	-	176390
18	3	92.1	20	1355	1759	320124
19	2	80.7	20	1898	-	465961
20	2	83	20	1519	-	13769

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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5322			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	79.9	17	1839	-	176210
2	2	75.7	17	1648	-	337365
3	2	73.3	17	1483	-	498406
4	3	89.2	17	1499	1337	657749
5	1	61.5	17	-	-	156710
6	3	94	17	1929	1701	316531
7	3	94	17	1767	1730	476576
8	2	73.1	17	1230	-	639346
9	3	99.4	17	1276	1664	136392
10	1	51.2	17	-	-	298227
11	3	89.2	17	1758	1555	457227
12	2	67.6	17	1840	-	619049
13	3	95.3	17	1872	1805	116406
14	2	73.7	17	1235	-	277662
15	1	63.2	17	-	-	439896
16	1	54.7	17	-	-	601455
17	1	62	17	-	-	97226
18	1	51.9	17	-	-	258590
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5325			
Burst	Number of Pulses	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	90.6	11	1126	1976	579878
2	2	81.6	11	1427	-	803537
3	3	95.6	11	1858	1009	106775
4	1	54.3	11	-	-	330772
5	2	82.3	11	1699	-	553090
6	3	95.9	11	1784	1109	774918
7	3	84.5	11	1097	1208	79388
8	1	60.8	11	-	-	303070
9	2	78.4	11	1761	-	525528
10	1	54.2	11	-	-	750366
11	2	77.8	11	1429	-	51979
12	2	79.3	11	1674	-	275105
13	3	88.2	11	1734	1394	497583
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5324			
Burst	Number of Pulses	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	14	1548	-	624902
2	3	97.3	14	1503	1383	21170
3	1	58.1	14	-	-	214978
4	2	75.7	14	1137	-	408059
5	1	66.3	14	-	-	602526
6	1	66	14	-	-	795780
7	3	96	14	1721	1438	190333
8	2	70.3	14	1536	-	384014
9	2	79	14	1447	-	577607
10	1	54.2	14	-	-	772348
11	3	86.1	14	1244	1890	166528
12	3	89	14	1051	1189	359942
13	1	50.7	14	-	-	554321
14	1	61	14	-	-	748600
15	3	94.6	14	1902	1306	142749
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5324			
Burst	Number of Pulses	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	12	1280	-	360666
2	1	55.3	12	-	-	568695
3	2	76.8	12	1003	-	775415
4	3	85.2	12	1957	1736	127483
5	1	61.6	12	-	-	335396
6	2	72.5	12	1044	-	542612
7	1	51.4	12	-	-	750661
8	3	99.2	12	1983	1670	101982
9	3	87.5	12	1636	1369	308989
10	2	75.5	12	1357	-	516702
11	3	93.5	12	1414	1006	723061
12	2	77.5	12	1958	-	76718
13	1	54.7	12	-	-	284598
14	1	50.6	12	-	-	492206
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5326			Yes
Burst	Number of Pulses	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	65.6	8	-	-	979594
2	3	89.8	8	1917	1475	71716
3	3	95.3	8	1941	1103	361536
4	2	70.1	8	1381	-	652499
5	1	63	8	-	-	943954
6	1	62.1	8	-	-	36125
7	2	70.3	8	1055	-	326497
8	3	87.2	8	1167	1909	615960
9	3	98	8	1852	1029	905759
10	3	96.9	8	1283	1844	323
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5325			Yes
Burst	Number of Pulses	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	88.8	10	1791	1623	241606
2	1	66.1	10	-	-	484528
3	2	81.7	10	1635	-	725304
4	1	61.6	10	-	-	968962
5	2	77.3	10	1930	-	212159
6	1	59.4	10	-	-	454865
7	1	65.3	10	-	-	696950
8	2	81.6	10	1757	-	937169
9	3	84.8	10	1282	1124	182268
10	3	89.9	10	1547	1633	423639
11	3	90.8	10	1402	1273	665074
12	2	73	10	1977	-	907107
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5326			
Burst	Number of Pulses	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	77.4	9	1066	-	166680
2	3	92.7	9	1727	1546	429629
3	2	67.6	9	1011	-	694529
4	1	65.6	9	-	-	959725
5	2	75.6	9	1370	-	134139
6	3	98.2	9	1040	1944	397448
7	2	70.6	9	1254	-	662173
8	1	50.1	9	-	-	926944
9	2	72.9	9	1231	-	101664
10	3	88.6	9	1931	1965	364710
11	3	91.2	9	1641	1738	628466
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5326			
Burst	Number of Pulses	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	69.7	8	1228	-	983288
2	1	63.4	8	-	-	76165
3	1	64.5	8	-	-	366727
4	3	90.8	8	1560	1065	656067
5	2	68.9	8	1023	-	947032
6	3	87.7	8	1401	1100	40298
7	3	99	8	1439	1564	330322
8	2	74.3	8	1079	-	621066
9	2	82.9	8	1964	-	910712
10	1	57.3	8	-	-	4562
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5321			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	80	20	1933	-	147015
2	3	96.5	20	1851	1743	291033
3	3	95.6	20	1710	1532	435379
4	3	90.9	20	1680	1666	579536
5	3	89.9	20	1269	1978	128809
6	2	71.8	20	1698	-	273950
7	2	78	20	1268	-	418848
8	1	60.2	20	-	-	564624
9	1	61.8	20	-	-	111631
10	3	92.7	20	1863	1854	255062
11	1	64.8	20	-	-	401676
12	1	59.8	20	-	-	547143
13	3	92.6	20	1808	1778	93210
14	1	62.4	20	-	-	238884
15	1	52.6	20	-	-	384057
16	1	52.4	20	-	-	529309
17	3	97.4	20	1906	1047	75513
18	3	86.5	20	1105	1745	219952
19	2	72.2	20	1811	-	364994
20	1	66.5	20	-	-	511149

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5325			
Burst	Number of Pulses	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	97.8	10	1683	1141	96519
2	2	73.9	10	1528	-	338451
3	1	50.2	10	-	-	581308
4	2	74.9	10	1570	-	821931
5	1	62	10	-	-	67004
6	3	98.2	10	1486	1026	308460
7	1	62.8	10	-	-	551391
8	2	68.6	10	1578	-	792288
9	3	96.4	10	1008	1148	37088
10	3	94	10	1473	1216	278496
11	3	85.9	10	1408	1352	520174
12	1	65.6	10	-	-	763446
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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	10	1432.66	698	Yes
2	13	1319.26	758	Yes
3	2	1858.74	538	Yes
4	5	1672.24	598	Yes
5	9	1474.93	678	Yes
6	21	1089.32	918	Yes
7	4	1730.10	578	Yes
8	11	1392.76	718	Yes
9	3	1792.11	558	Yes
10	22	1066.10	938	Yes
11	8	1519.76	658	Yes
12	1	1930.50	518	Yes
13	12	1355.01	738	Yes
14	17	1193.32	838	Yes
15	20	1113.59	898	Yes
16		792.39	1262	Yes
17		1219.51	820	Yes
18		409.84	2440	Yes
19		900.09	1111	Yes
20		1242.24	805	Yes
21		367.11	2724	Yes
22		603.86	1656	Yes
23		414.42	2413	Yes
24		628.93	1590	Yes
25		800.64	1249	Yes
26		526.87	1898	Yes
27		398.57	2509	Yes
28		549.45	1820	Yes
29		361.14	2769	Yes
30		631.31	1584	Yes

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	203	Yes
2	28	4.10	153	Yes
3	29	4.90	210	Yes
4	25	2.20	172	Yes
5	29	4.60	170	Yes
6	27	3.80	177	Yes
7	26	3.00	228	Yes
8	26	2.80	209	Yes
9	27	3.80	193	Yes
10	24	2.00	175	Yes
11	26	3.20	171	Yes
12	26	2.80	154	Yes
13	25	2.60	190	Yes
14	24	2.00	162	Yes
15	23	1.20	161	Yes
16	29	4.90	216	Yes
17	26	2.80	199	Yes
18	28	4.50	164	Yes
19	23	1.40	227	Yes
20	29	4.90	176	Yes
21	28	4.20	223	Yes
22	25	2.50	218	Yes
23	27	3.40	173	Yes
24	26	3.00	151	Yes
25	24	1.80	167	Yes
26	25	2.30	165	Yes
27	25	2.20	205	Yes
28	24	1.70	230	Yes
29	29	4.90	187	Yes
30	25	2.30	178	Yes

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	475	Yes
2	18	9.10	314	Yes
3	18	9.90	268	Yes
4	16	7.20	499	Yes
5	18	9.60	493	No
6	18	8.80	267	Yes
7	17	8.00	272	Yes
8	17	7.80	494	Yes
9	18	8.80	364	Yes
10	16	7.00	460	Yes
11	17	8.20	397	Yes
12	17	7.80	302	Yes
13	17	7.60	423	Yes
14	16	7.00	383	Yes
15	16	6.20	350	Yes
16	18	9.90	322	Yes
17	17	7.80	451	Yes
18	18	9.50	471	Yes
19	16	6.40	329	Yes
20	18	9.90	320	Yes
21	18	9.20	216	Yes
22	17	7.50	416	Yes
23	17	8.40	400	Yes
24	17	8.00	225	Yes
25	16	6.80	233	Yes
26	16	7.30	404	Yes
27	16	7.20	463	Yes
28	16	6.70	464	No
29	18	9.90	449	Yes
30	16	7.30	241	Yes

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	15.30	475	Yes
2	15	18.00	314	Yes
3	16	19.60	268	Yes
4	13	13.70	499	Yes
5	16	19.10	493	Yes
6	15	17.20	267	Yes
7	14	15.50	272	Yes
8	14	15.20	494	Yes
9	15	17.30	364	Yes
10	13	13.30	460	Yes
11	14	16.00	397	Yes
12	14	15.10	302	Yes
13	14	14.60	423	Yes
14	13	13.30	383	Yes
15	12	11.50	350	Yes
16	16	19.80	322	Yes
17	14	15.00	451	Yes
18	16	18.70	471	Yes
19	12	12.10	329	Yes
20	16	19.70	320	Yes
21	15	18.20	216	Yes
22	13	14.50	416	Yes
23	15	16.40	400	Yes
24	14	15.40	225	Yes
25	12	12.80	233	Yes
26	13	13.90	404	Yes
27	13	13.70	463	Yes
28	12	12.70	464	Yes
29	16	19.80	449	Yes
30	13	13.90	241	Yes

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	73.8	12	1024	-	614616
2	3	88.7	12	1865	1221	819269
3	3	97.8	12	1018	1284	173954
4	1	64.8	12	-	-	381886
5	3	94.9	12	1351	1238	587396
6	3	84.4	12	1192	1875	794118
7	2	75.1	12	1382	-	148598
8	2	73.2	12	1881	-	355780
9	3	84.7	12	1013	1522	562222
10	1	62.8	12	-	-	771846
11	2	78	12	1256	-	123093
12	2	72.6	12	1125	-	330617
13	2	70	12	1988	-	536879
14	1	63	12	-	-	746063
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Trial Number:			2			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	52.8	17	-	-	76027
2	3	98.7	17	1247	1655	236293
3	2	72.3	17	1722	-	397373
4	3	92.8	17	1502	1320	557735
5	1	56	17	-	-	56102
6	3	98.1	17	1689	1571	216473
7	3	90	17	1233	1362	377056
8	2	69.3	17	1908	-	538877
9	2	80.2	17	1836	-	36154
10	2	74.6	17	1078	-	197190
11	1	59.9	17	-	-	358748
12	1	66	17	-	-	520255
13	1	65.1	17	-	-	16396
14	1	59.6	17	-	-	177699
15	3	98.4	17	1910	1609	337021
16	1	66	17	-	-	500580
17	2	77.7	17	1123	-	660508
18	1	65.5	17	-	-	157837
19						
20						

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

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	70.7	20	1835	-	286349
2	2	81.4	20	1151	-	431152
3	3	97.6	20	1406	1513	574655
4	3	94.9	20	1091	1184	123753
5	1	51.4	20	-	-	269393
6	3	88.7	20	1204	1130	412964
7	3	99.2	20	1896	1143	556564
8	3	84.2	20	1378	1152	105825
9	3	86.8	20	1534	1961	249939
10	2	79.6	20	1117	-	396158
11	3	88.4	20	1895	1149	539121
12	2	73	20	1166	-	88271
13	1	50	20	-	-	233609
14	1	50.6	20	-	-	378603
15	2	77.9	20	1214	-	522684
16	2	80.2	20	1366	-	70362
17	2	68.2	20	1240	-	215191
18	2	78.5	20	1178	-	360033
19	1	66	20	-	-	506005
20	3	85.1	20	1822	1440	52332

Trial Number:			4			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	3	94.1	9	1329	1349	358975
2	2	72.7	9	1399	-	623143
3	1	50.1	9	-	-	888148
4	1	54.4	9	-	-	63248
5	1	58.5	9	-	-	327581
6	2	73.1	9	1034	-	591273
7	1	54.9	9	-	-	855954
8	2	78.9	9	1493	-	30655
9	2	69.3	9	1804	-	294302
10	1	65.4	9	-	-	559188
11	2	74.8	9	1038	-	822808
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			5			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	68.6	19	1323	-	628147
2	3	85.1	19	1182	1087	151199
3	1	62.5	19	-	-	304801
4	1	51.8	19	-	-	457139
5	3	88.7	19	1294	1586	607017
6	1	65.4	19	-	-	132856
7	1	57.9	19	-	-	285558
8	3	97.2	19	1506	1180	436537
9	3	83.6	19	1286	1404	589291
10	3	93.6	19	1301	1005	113598
11	2	71.9	19	1205	-	266290
12	1	61.3	19	-	-	419578
13	1	60.4	19	-	-	572314
14	2	81	19	1826	-	95044
15	1	57.1	19	-	-	248184
16	2	74.5	19	1443	-	399933
17	1	59.3	19	-	-	553812
18	3	88.2	19	1239	1823	76116
19	3	84.9	19	1289	1796	227979
20						

Trial Number:			6			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	3	91.5	16	1720	1190	452050
2	2	69.8	16	1218	-	634340
3	1	50	16	-	-	68443
4	3	92.7	16	1739	1296	249006
5	2	71.4	16	1379	-	430570
6	3	98.1	16	1535	1075	611233
7	2	81.3	16	1297	-	46027
8	3	93.1	16	1819	1927	226423
9	3	86.3	16	1880	1165	407572
10	2	78.4	16	1334	-	589918
11	3	83.8	16	1764	1800	23617
12	2	70.3	16	1542	-	204861
13	1	64.8	16	-	-	386897
14	2	71.3	16	1308	-	567520
15	1	54.7	16	-	-	1386
16	2	69.7	16	1855	-	182386
17						
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:			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	88	13	1573	1064	415227
2	3	87.6	13	1380	1706	621967
3	3	98.8	13	1724	1820	827734
4	3	89.2	13	1850	1265	182819
5	1	64.7	13	-	-	391135
6	1	60.2	13	-	-	598409
7	2	81.4	13	1580	-	804585
8	2	82.4	13	1870	-	157576
9	3	91.5	13	1995	1156	363982
10	2	72.2	13	1049	-	572179
11	1	61.3	13	-	-	780949
12	3	89.7	13	1069	1928	131990
13	2	73.5	13	1899	-	339191
14	1	51.4	13	-	-	547484
15						
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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	3	98.6	12	1979	1202	752238
2	3	95.6	12	1892	1530	106486
3	3	90.7	12	1768	1947	313100
4	3	84.4	12	1183	1299	520345
5	2	73.9	12	1010	-	728383
6	1	54.9	12	-	-	81324
7	2	68.6	12	1364	-	288197
8	3	92.4	12	1582	1022	494545
9	3	91.1	12	1111	1632	701226
10	1	53.7	12	-	-	55714
11	1	57.4	12	-	-	263144
12	2	72.4	12	1411	-	469763
13	2	71.7	12	1390	-	677379
14	2	68.8	12	1119	-	30144
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Trial Number:			9			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	3	99.8	16	1059	1479	195094
2	2	73.2	16	1420	-	365747
3	1	57	16	-	-	537152
4	3	90	16	1999	1622	3777
5	1	55.6	16	-	-	174668
6	1	61.2	16	-	-	345557
7	2	69.2	16	1118	-	515323
8	3	87	16	1550	1036	684911
9	1	60.5	16	-	-	153594
10	3	99.1	16	1915	1691	322536
11	2	70.2	16	1760	-	494232
12	2	81.2	16	1424	-	664929
13	3	88.5	16	1936	1298	131922
14	2	67.6	16	1110	-	302793
15	1	51.1	16	-	-	474385
16	3	99.3	16	1684	1916	642206
17	3	86.7	16	1505	1998	110993
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Trial Number:			10			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	3	91.6	9	1084	1807	435575
2	2	69.6	9	1846	-	699408
3	3	84.9	9	1517	1032	962665
4	2	79.8	9	1412	-	139700
5	3	88.3	9	1974	1769	402860
6	2	79.7	9	1508	-	667716
7	2	80.4	9	1007	-	931317
8	3	97.5	9	1529	1644	107011
9	3	99.8	9	1984	1139	370519
10	1	51.1	9	-	-	635514
11	3	95.6	9	1314	1236	898082
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5257			Yes
Burst	Number of Pulses	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	96.5	13	1147	1063	54706
2	3	95	13	1971	1905	247420
3	2	81.8	13	1755	-	440953
4	3	92.4	13	1014	1686	634022
5	3	88.6	13	1185	1248	30875
6	1	62.6	13	-	-	224762
7	2	82.6	13	1177	-	417705
8	2	68.3	13	1212	-	611025
9	1	65.1	13	-	-	7124
10	2	71.4	13	1450	-	200434
11	3	84.1	13	1785	1782	392909
12	1	62.2	13	-	-	587859
13	2	82.2	13	1940	-	780081
14	1	61.6	13	-	-	176850
15	3	85	13	1104	1093	369770
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5256			Yes
Burst	Number of Pulses	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	91.7	12	1893	1419	648682
2	1	64.2	12	-	-	874380
3	3	92.7	12	1656	1651	176123
4	1	66.5	12	-	-	400212
5	1	50.9	12	-	-	623624
6	3	91.3	12	1106	1367	844914
7	3	91.9	12	1975	1645	148516
8	2	67	12	1729	-	371982
9	1	65.9	12	-	-	596122
10	1	52.7	12	-	-	819941
11	3	86.8	12	1545	1448	121271
12	3	89	12	1948	1253	343800
13	1	61.5	12	-	-	568389
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5256			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	93.6	11	1792	1704	789039
2	2	76.7	11	1687	-	93933
3	3	92.6	11	1445	1251	316669
4	1	55.8	11	-	-	540906
5	1	60.1	11	-	-	764839
6	2	73.6	11	1829	-	66424
7	3	90.5	11	1060	1030	289436
8	1	65.6	11	-	-	513463
9	2	67.3	11	1322	-	736170
10	2	77.8	11	1610	-	38949
11	3	92.7	11	1860	1728	261387
12	2	75.9	11	1612	-	484939
13	3	85.1	11	1423	1131	707409
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5255			Yes
Burst	Number of Pulses	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	82.9	9	1765	-	13552
2	3	84.1	9	1824	1318	276863
3	1	65.3	9	-	-	541947
4	1	57.5	9	-	-	806131
5	1	57.4	9	-	-	1070379
6	1	52.6	9	-	-	245288
7	2	68.2	9	1640	-	508881
8	1	53.2	9	-	-	773566
9	3	88	9	1081	1817	1035262
10	1	66.2	9	-	-	212683
11	1	54.7	9	-	-	476912
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5253			
Burst	Number of Pulses	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	83.3	5	1217	-	1018432
2	1	50.1	5	-	-	1383006
3	1	54.3	5	-	-	247837
4	1	54.5	5	-	-	611159
5	2	77.9	5	1695	-	973820
6	1	65.8	5	-	-	1338111
7	3	89.6	5	1088	1987	202667
8	1	51.8	5	-	-	566564
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5259			
Burst	Number of Pulses	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	73.6	20	1339	-	370624
2	2	71.1	20	1606	-	514929
3	2	74.7	20	1426	-	63073
4	3	88.5	20	1597	1120	207317
5	2	78.9	20	1255	-	352536
6	2	78.2	20	1662	-	497319
7	1	52	20	-	-	45361
8	1	58.6	20	-	-	190493
9	2	71.1	20	1042	-	334919
10	2	69.4	20	1942	-	479564
11	2	74.4	20	1737	-	27370
12	3	86.4	20	1452	1206	171780
13	1	50	20	-	-	317717
14	3	90.6	20	1618	1338	460543
15	1	65.9	20	-	-	9568
16	1	58.3	20	-	-	154770
17	1	57.8	20	-	-	300054
18	1	51.7	20	-	-	444809
19	1	58.4	20	-	-	590657
20	3	95.4	20	1588	1140	136123

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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5256			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	84.1	12	1611	1866	432794
2	2	70.7	12	1328	-	656845
3	1	58.3	12	-	-	880815
4	1	55.6	12	-	-	183216
5	1	60.4	12	-	-	406890
6	3	87.8	12	1446	1646	628128
7	2	72.6	12	1098	-	852449
8	1	59.9	12	-	-	155681
9	2	69.3	12	1923	-	378400
10	3	86	12	1677	1458	600845
11	3	87.7	12	1837	1476	823033
12	1	51.4	12	-	-	128090
13	3	88.2	12	1220	1913	350484
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5259			Yes
Burst	Number of Pulses	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	90.9	18	1526	1888	391244
2	1	52.2	18	-	-	545638
3	1	64	18	-	-	68823
4	1	58.2	18	-	-	221555
5	3	95.6	18	1477	1741	372314
6	3	86.4	18	1591	1172	524726
7	2	79.3	18	1871	-	49788
8	1	55.3	18	-	-	202750
9	3	94.1	18	1803	1332	353580
10	3	97.2	18	1333	1263	506580
11	3	83.8	18	1094	1748	31002
12	1	63.5	18	-	-	184015
13	2	79.8	18	1990	-	335806
14	1	54.7	18	-	-	489469
15	3	92.7	18	1657	1330	12250
16	3	84.3	18	1497	1467	164432
17	3	96	18	1650	1603	316493
18	3	96.8	18	1801	1210	468725
19	2	76.2	18	1507	-	622150
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5254			Yes
Burst	Number of Pulses	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	57.4	6	-	-	309163
2	3	94.3	6	1211	1857	630587
3	2	67.7	6	1584	-	954017
4	1	52.8	6	-	-	1278723
5	1	62.7	6	-	-	269550
6	2	69.1	6	1629	-	591885
7	2	78	6	1953	-	914068
8	3	91.2	6	1847	1300	1235203
9	1	55.6	6	-	-	229600
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5259			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	92.1	20	1556	1891	246870
2	3	89.3	20	1937	1951	390991
3	3	85.2	20	1626	1393	536372
4	2	81.8	20	1246	-	85130
5	2	73	20	1981	-	229865
6	3	98.2	20	1963	1386	373480
7	1	59.1	20	-	-	520853
8	3	88.4	20	1092	1083	67167
9	1	51.9	20	-	-	212582
10	1	50.1	20	-	-	358023
11	1	62.2	20	-	-	502930
12	1	65.3	20	-	-	49542
13	2	79.1	20	1485	-	194381
14	3	90.1	20	1504	1849	338029
15	3	90	20	1862	1602	482539
16	2	73.6	20	1154	-	31646
17	2	74.5	20	1174	-	176390
18	3	92.1	20	1355	1759	320124
19	2	80.7	20	1898	-	465961
20	2	83	20	1519	-	13769

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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5322			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	79.9	17	1839	-	176210
2	2	75.7	17	1648	-	337365
3	2	73.3	17	1483	-	498406
4	3	89.2	17	1499	1337	657749
5	1	61.5	17	-	-	156710
6	3	94	17	1929	1701	316531
7	3	94	17	1767	1730	476576
8	2	73.1	17	1230	-	639346
9	3	99.4	17	1276	1664	136392
10	1	51.2	17	-	-	298227
11	3	89.2	17	1758	1555	457227
12	2	67.6	17	1840	-	619049
13	3	95.3	17	1872	1805	116406
14	2	73.7	17	1235	-	277662
15	1	63.2	17	-	-	439896
16	1	54.7	17	-	-	601455
17	1	62	17	-	-	97226
18	1	51.9	17	-	-	258590
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5324			
Burst	Number of Pulses	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	90.6	11	1126	1976	579878
2	2	81.6	11	1427	-	803537
3	3	95.6	11	1858	1009	106775
4	1	54.3	11	-	-	330772
5	2	82.3	11	1699	-	553090
6	3	95.9	11	1784	1109	774918
7	3	84.5	11	1097	1208	79388
8	1	60.8	11	-	-	303070
9	2	78.4	11	1761	-	525528
10	1	54.2	11	-	-	750366
11	2	77.8	11	1429	-	51979
12	2	79.3	11	1674	-	275105
13	3	88.2	11	1734	1394	497583
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5323			
Burst	Number of Pulses	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	14	1548	-	624902
2	3	97.3	14	1503	1383	21170
3	1	58.1	14	-	-	214978
4	2	75.7	14	1137	-	408059
5	1	66.3	14	-	-	602526
6	1	66	14	-	-	795780
7	3	96	14	1721	1438	190333
8	2	70.3	14	1536	-	384014
9	2	79	14	1447	-	577607
10	1	54.2	14	-	-	772348
11	3	86.1	14	1244	1890	166528
12	3	89	14	1051	1189	359942
13	1	50.7	14	-	-	554321
14	1	61	14	-	-	748600
15	3	94.6	14	1902	1306	142749
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5324			
Burst	Number of Pulses	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	12	1280	-	360666
2	1	55.3	12	-	-	568695
3	2	76.8	12	1003	-	775415
4	3	85.2	12	1957	1736	127483
5	1	61.6	12	-	-	335396
6	2	72.5	12	1044	-	542612
7	1	51.4	12	-	-	750661
8	3	99.2	12	1983	1670	101982
9	3	87.5	12	1636	1369	308989
10	2	75.5	12	1357	-	516702
11	3	93.5	12	1414	1006	723061
12	2	77.5	12	1958	-	76718
13	1	54.7	12	-	-	284598
14	1	50.6	12	-	-	492206
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5325			Yes
Burst	Number of Pulses	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	65.6	8	-	-	979594
2	3	89.8	8	1917	1475	71716
3	3	95.3	8	1941	1103	361536
4	2	70.1	8	1381	-	652499
5	1	63	8	-	-	943954
6	1	62.1	8	-	-	36125
7	2	70.3	8	1055	-	326497
8	3	87.2	8	1167	1909	615960
9	3	98	8	1852	1029	905759
10	3	96.9	8	1283	1844	323
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5325			Yes
Burst	Number of Pulses	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	88.8	10	1791	1623	241606
2	1	66.1	10	-	-	484528
3	2	81.7	10	1635	-	725304
4	1	61.6	10	-	-	968962
5	2	77.3	10	1930	-	212159
6	1	59.4	10	-	-	454865
7	1	65.3	10	-	-	696950
8	2	81.6	10	1757	-	937169
9	3	84.8	10	1282	1124	182268
10	3	89.9	10	1547	1633	423639
11	3	90.8	10	1402	1273	665074
12	2	73	10	1977	-	907107
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Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5325			Yes
Burst	Number of Pulses	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	77.4	9	1066	-	166680
2	3	92.7	9	1727	1546	429629
3	2	67.6	9	1011	-	694529
4	1	65.6	9	-	-	959725
5	2	75.6	9	1370	-	134139
6	3	98.2	9	1040	1944	397448
7	2	70.6	9	1254	-	662173
8	1	50.1	9	-	-	926944
9	2	72.9	9	1231	-	101664
10	3	88.6	9	1931	1965	364710
11	3	91.2	9	1641	1738	628466
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5325			Yes
Burst	Number of Pulses	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	69.7	8	1228	-	983288
2	1	63.4	8	-	-	76165
3	1	64.5	8	-	-	366727
4	3	90.8	8	1560	1065	656067
5	2	68.9	8	1023	-	947032
6	3	87.7	8	1401	1100	40298
7	3	99	8	1439	1564	330322
8	2	74.3	8	1079	-	621066
9	2	82.9	8	1964	-	910712
10	1	57.3	8	-	-	4562
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5321			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	80	20	1933	-	147015
2	3	96.5	20	1851	1743	291033
3	3	95.6	20	1710	1532	435379
4	3	90.9	20	1680	1666	579536
5	3	89.9	20	1269	1978	128809
6	2	71.8	20	1698	-	273950
7	2	78	20	1268	-	418848
8	1	60.2	20	-	-	564624
9	1	61.8	20	-	-	111631
10	3	92.7	20	1863	1854	255062
11	1	64.8	20	-	-	401676
12	1	59.8	20	-	-	547143
13	3	92.6	20	1808	1778	93210
14	1	62.4	20	-	-	238884
15	1	52.6	20	-	-	384057
16	1	52.4	20	-	-	529309
17	3	97.4	20	1906	1047	75513
18	3	86.5	20	1105	1745	219952
19	2	72.2	20	1811	-	364994
20	1	66.5	20	-	-	511149

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5325			Yes
Burst	Number of Pulses	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	97.8	10	1683	1141	96519
2	2	73.9	10	1528	-	338451
3	1	50.2	10	-	-	581308
4	2	74.9	10	1570	-	821931
5	1	62	10	-	-	67004
6	3	98.2	10	1486	1026	308460
7	1	62.8	10	-	-	551391
8	2	68.6	10	1578	-	792288
9	3	96.4	10	1008	1148	37088
10	3	94	10	1473	1216	278496
11	3	85.9	10	1408	1352	520174
12	1	65.6	10	-	-	763446
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DFS Radar Parameters
FCC Radar Type 1
Channel 50 Bandwidth 160MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	10	1432.66	698	Yes
2	13	1319.26	758	Yes
3	2	1858.74	538	Yes
4	5	1672.24	598	Yes
5	9	1474.93	678	Yes
6	21	1089.32	918	Yes
7	4	1730.10	578	Yes
8	11	1392.76	718	Yes
9	3	1792.11	558	Yes
10	22	1066.10	938	Yes
11	8	1519.76	658	Yes
12	1	1930.50	518	Yes
13	12	1355.01	738	Yes
14	17	1193.32	838	Yes
15	20	1113.59	898	Yes
16		792.39	1262	Yes
17		1219.51	820	Yes
18		409.84	2440	Yes
19		900.09	1111	Yes
20		1242.24	805	Yes
21		367.11	2724	Yes
22		603.86	1656	Yes
23		414.42	2413	Yes
24		628.93	1590	Yes
25		800.64	1249	Yes
26		526.87	1898	Yes
27		398.57	2509	Yes
28		549.45	1820	Yes
29		361.14	2769	Yes
30		631.31	1584	Yes

DFS Radar Parameters
FCC Radar Type 2
Channel 50 Bandwidth 160MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	26	2.90	203	Yes
2	28	4.10	153	Yes
3	29	4.90	210	Yes
4	25	2.20	172	Yes
5	29	4.60	170	Yes
6	27	3.80	177	Yes
7	26	3.00	228	Yes
8	26	2.80	209	Yes
9	27	3.80	193	Yes
10	24	2.00	175	Yes
11	26	3.20	171	Yes
12	26	2.80	154	Yes
13	25	2.60	190	Yes
14	24	2.00	162	Yes
15	23	1.20	161	Yes
16	29	4.90	216	Yes
17	26	2.80	199	Yes
18	28	4.50	164	Yes
19	23	1.40	227	Yes
20	29	4.90	176	Yes
21	28	4.20	223	Yes
22	25	2.50	218	Yes
23	27	3.40	173	Yes
24	26	3.00	151	Yes
25	24	1.80	167	Yes
26	25	2.30	165	Yes
27	25	2.20	205	Yes
28	24	1.70	230	Yes
29	29	4.90	187	Yes
30	25	2.30	178	Yes

DFS Radar Parameters
FCC Radar Type 3
Channel 50 Bandwidth 160MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	7.90	475	Yes
2	18	9.10	314	Yes
3	18	9.90	268	Yes
4	16	7.20	499	Yes
5	18	9.60	493	Yes
6	18	8.80	267	Yes
7	17	8.00	272	Yes
8	17	7.80	494	Yes
9	18	8.80	364	Yes
10	16	7.00	460	Yes
11	17	8.20	397	Yes
12	17	7.80	302	Yes
13	17	7.60	423	Yes
14	16	7.00	383	Yes
15	16	6.20	350	Yes
16	18	9.90	322	Yes
17	17	7.80	451	Yes
18	18	9.50	471	Yes
19	16	6.40	329	Yes
20	18	9.90	320	Yes
21	18	9.20	216	Yes
22	17	7.50	416	Yes
23	17	8.40	400	Yes
24	17	8.00	225	Yes
25	16	6.80	233	Yes
26	16	7.30	404	Yes
27	16	7.20	463	Yes
28	16	6.70	464	Yes
29	18	9.90	449	Yes
30	16	7.30	241	Yes

DFS Radar Parameters
FCC Radar Type 4
Channel 50 Bandwidth 160MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.30	475	Yes
2	15	18.00	314	Yes
3	16	19.60	268	Yes
4	13	13.70	499	Yes
5	16	19.10	493	Yes
6	15	17.20	267	Yes
7	14	15.50	272	Yes
8	14	15.20	494	Yes
9	15	17.30	364	Yes
10	13	13.30	460	Yes
11	14	16.00	397	Yes
12	14	15.10	302	Yes
13	14	14.60	423	Yes
14	13	13.30	383	Yes
15	12	11.50	350	Yes
16	16	19.80	322	Yes
17	14	15.00	451	Yes
18	16	18.70	471	Yes
19	12	12.10	329	Yes
20	16	19.70	320	Yes
21	15	18.20	216	Yes
22	13	14.50	416	Yes
23	15	16.40	400	Yes
24	14	15.40	225	Yes
25	12	12.80	233	Yes
26	13	13.90	404	Yes
27	13	13.70	463	Yes
28	12	12.70	464	Yes
29	16	19.80	449	Yes
30	13	13.90	241	Yes

DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

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	73.8	12	1024	-	614616
2	3	88.7	12	1865	1221	819269
3	3	97.8	12	1018	1284	173954
4	1	64.8	12	-	-	381886
5	3	94.9	12	1351	1238	587396
6	3	84.4	12	1192	1875	794118
7	2	75.1	12	1382	-	148598
8	2	73.2	12	1881	-	355780
9	3	84.7	12	1013	1522	562222
10	1	62.8	12	-	-	771846
11	2	78	12	1256	-	123093
12	2	72.6	12	1125	-	330617
13	2	70	12	1988	-	536879
14	1	63	12	-	-	746063
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Trial Number:			2			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	52.8	17	-	-	76027
2	3	98.7	17	1247	1655	236293
3	2	72.3	17	1722	-	397373
4	3	92.8	17	1502	1320	557735
5	1	56	17	-	-	56102
6	3	98.1	17	1689	1571	216473
7	3	90	17	1233	1362	377056
8	2	69.3	17	1908	-	538877
9	2	80.2	17	1836	-	36154
10	2	74.6	17	1078	-	197190
11	1	59.9	17	-	-	358748
12	1	66	17	-	-	520255
13	1	65.1	17	-	-	16396
14	1	59.6	17	-	-	177699
15	3	98.4	17	1910	1609	337021
16	1	66	17	-	-	500580
17	2	77.7	17	1123	-	660508
18	1	65.5	17	-	-	157837
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	70.7	20	1835	-	286349
2	2	81.4	20	1151	-	431152
3	3	97.6	20	1406	1513	574655
4	3	94.9	20	1091	1184	123753
5	1	51.4	20	-	-	269393
6	3	88.7	20	1204	1130	412964
7	3	99.2	20	1896	1143	556564
8	3	84.2	20	1378	1152	105825
9	3	86.8	20	1534	1961	249939
10	2	79.6	20	1117	-	396158
11	3	88.4	20	1895	1149	539121
12	2	73	20	1166	-	88271
13	1	50	20	-	-	233609
14	1	50.6	20	-	-	378603
15	2	77.9	20	1214	-	522684
16	2	80.2	20	1366	-	70362
17	2	68.2	20	1240	-	215191
18	2	78.5	20	1178	-	360033
19	1	66	20	-	-	506005
20	3	85.1	20	1822	1440	52332

Trial Number:			4			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	3	94.1	9	1329	1349	358975
2	2	72.7	9	1399	-	623143
3	1	50.1	9	-	-	888148
4	1	54.4	9	-	-	63248
5	1	58.5	9	-	-	327581
6	2	73.1	9	1034	-	591273
7	1	54.9	9	-	-	855954
8	2	78.9	9	1493	-	30655
9	2	69.3	9	1804	-	294302
10	1	65.4	9	-	-	559188
11	2	74.8	9	1038	-	822808
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			5			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	68.6	19	1323	-	628147
2	3	85.1	19	1182	1087	151199
3	1	62.5	19	-	-	304801
4	1	51.8	19	-	-	457139
5	3	88.7	19	1294	1586	607017
6	1	65.4	19	-	-	132856
7	1	57.9	19	-	-	285558
8	3	97.2	19	1506	1180	436537
9	3	83.6	19	1286	1404	589291
10	3	93.6	19	1301	1005	113598
11	2	71.9	19	1205	-	266290
12	1	61.3	19	-	-	419578
13	1	60.4	19	-	-	572314
14	2	81	19	1826	-	95044
15	1	57.1	19	-	-	248184
16	2	74.5	19	1443	-	399933
17	1	59.3	19	-	-	553812
18	3	88.2	19	1239	1823	76116
19	3	84.9	19	1289	1796	227979
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Trial Number:			6			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	3	91.5	16	1720	1190	452050
2	2	69.8	16	1218	-	634340
3	1	50	16	-	-	68443
4	3	92.7	16	1739	1296	249006
5	2	71.4	16	1379	-	430570
6	3	98.1	16	1535	1075	611233
7	2	81.3	16	1297	-	46027
8	3	93.1	16	1819	1927	226423
9	3	86.3	16	1880	1165	407572
10	2	78.4	16	1334	-	589918
11	3	83.8	16	1764	1800	23617
12	2	70.3	16	1542	-	204861
13	1	64.8	16	-	-	386897
14	2	71.3	16	1308	-	567520
15	1	54.7	16	-	-	1386
16	2	69.7	16	1855	-	182386
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			7			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	88	13	1573	1064	415227
2	3	87.6	13	1380	1706	621967
3	3	98.8	13	1724	1820	827734
4	3	89.2	13	1850	1265	182819
5	1	64.7	13	-	-	391135
6	1	60.2	13	-	-	598409
7	2	81.4	13	1580	-	804585
8	2	82.4	13	1870	-	157576
9	3	91.5	13	1995	1156	363982
10	2	72.2	13	1049	-	572179
11	1	61.3	13	-	-	780949
12	3	89.7	13	1069	1928	131990
13	2	73.5	13	1899	-	339191
14	1	51.4	13	-	-	547484
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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	3	98.6	12	1979	1202	752238
2	3	95.6	12	1892	1530	106486
3	3	90.7	12	1768	1947	313100
4	3	84.4	12	1183	1299	520345
5	2	73.9	12	1010	-	728383
6	1	54.9	12	-	-	81324
7	2	68.6	12	1364	-	288197
8	3	92.4	12	1582	1022	494545
9	3	91.1	12	1111	1632	701226
10	1	53.7	12	-	-	55714
11	1	57.4	12	-	-	263144
12	2	72.4	12	1411	-	469763
13	2	71.7	12	1390	-	677379
14	2	68.8	12	1119	-	30144
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			9			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	3	99.8	16	1059	1479	195094
2	2	73.2	16	1420	-	365747
3	1	57	16	-	-	537152
4	3	90	16	1999	1622	3777
5	1	55.6	16	-	-	174668
6	1	61.2	16	-	-	345557
7	2	69.2	16	1118	-	515323
8	3	87	16	1550	1036	684911
9	1	60.5	16	-	-	153594
10	3	99.1	16	1915	1691	322536
11	2	70.2	16	1760	-	494232
12	2	81.2	16	1424	-	664929
13	3	88.5	16	1936	1298	131922
14	2	67.6	16	1110	-	302793
15	1	51.1	16	-	-	474385
16	3	99.3	16	1684	1916	642206
17	3	86.7	16	1505	1998	110993
18						
19						
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Trial Number:			10			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	3	91.6	9	1084	1807	435575
2	2	69.6	9	1846	-	699408
3	3	84.9	9	1517	1032	962665
4	2	79.8	9	1412	-	139700
5	3	88.3	9	1974	1769	402860
6	2	79.7	9	1508	-	667716
7	2	80.4	9	1007	-	931317
8	3	97.5	9	1529	1644	107011
9	3	99.8	9	1984	1139	370519
10	1	51.1	9	-	-	635514
11	3	95.6	9	1314	1236	898082
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5255			Yes
Burst	Number of Pulses	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	96.5	13	1147	1063	54706
2	3	95	13	1971	1905	247420
3	2	81.8	13	1755	-	440953
4	3	92.4	13	1014	1686	634022
5	3	88.6	13	1185	1248	30875
6	1	62.6	13	-	-	224762
7	2	82.6	13	1177	-	417705
8	2	68.3	13	1212	-	611025
9	1	65.1	13	-	-	7124
10	2	71.4	13	1450	-	200434
11	3	84.1	13	1785	1782	392909
12	1	62.2	13	-	-	587859
13	2	82.2	13	1940	-	780081
14	1	61.6	13	-	-	176850
15	3	85	13	1104	1093	369770
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5255			Yes
Burst	Number of Pulses	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	91.7	12	1893	1419	648682
2	1	64.2	12	-	-	874380
3	3	92.7	12	1656	1651	176123
4	1	66.5	12	-	-	400212
5	1	50.9	12	-	-	623624
6	3	91.3	12	1106	1367	844914
7	3	91.9	12	1975	1645	148516
8	2	67	12	1729	-	371982
9	1	65.9	12	-	-	596122
10	1	52.7	12	-	-	819941
11	3	86.8	12	1545	1448	121271
12	3	89	12	1948	1253	343800
13	1	61.5	12	-	-	568389
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5254			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	93.6	11	1792	1704	789039
2	2	76.7	11	1687	-	93933
3	3	92.6	11	1445	1251	316669
4	1	55.8	11	-	-	540906
5	1	60.1	11	-	-	764839
6	2	73.6	11	1829	-	66424
7	3	90.5	11	1060	1030	289436
8	1	65.6	11	-	-	513463
9	2	67.3	11	1322	-	736170
10	2	77.8	11	1610	-	38949
11	3	92.7	11	1860	1728	261387
12	2	75.9	11	1612	-	484939
13	3	85.1	11	1423	1131	707409
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5254			Yes
Burst	Number of Pulses	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	82.9	9	1765	-	13552
2	3	84.1	9	1824	1318	276863
3	1	65.3	9	-	-	541947
4	1	57.5	9	-	-	806131
5	1	57.4	9	-	-	1070379
6	1	52.6	9	-	-	245288
7	2	68.2	9	1640	-	508881
8	1	53.2	9	-	-	773566
9	3	88	9	1081	1817	1035262
10	1	66.2	9	-	-	212683
11	1	54.7	9	-	-	476912
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5252			
Burst	Number of Pulses	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	83.3	5	1217	-	1018432
2	1	50.1	5	-	-	1383006
3	1	54.3	5	-	-	247837
4	1	54.5	5	-	-	611159
5	2	77.9	5	1695	-	973820
6	1	65.8	5	-	-	1338111
7	3	89.6	5	1088	1987	202667
8	1	51.8	5	-	-	566564
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5258			
Burst	Number of Pulses	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	73.6	20	1339	-	370624
2	2	71.1	20	1606	-	514929
3	2	74.7	20	1426	-	63073
4	3	88.5	20	1597	1120	207317
5	2	78.9	20	1255	-	352536
6	2	78.2	20	1662	-	497319
7	1	52	20	-	-	45361
8	1	58.6	20	-	-	190493
9	2	71.1	20	1042	-	334919
10	2	69.4	20	1942	-	479564
11	2	74.4	20	1737	-	27370
12	3	86.4	20	1452	1206	171780
13	1	50	20	-	-	317717
14	3	90.6	20	1618	1338	460543
15	1	65.9	20	-	-	9568
16	1	58.3	20	-	-	154770
17	1	57.8	20	-	-	300054
18	1	51.7	20	-	-	444809
19	1	58.4	20	-	-	590657
20	3	95.4	20	1588	1140	136123

DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5255			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	84.1	12	1611	1866	432794
2	2	70.7	12	1328	-	656845
3	1	58.3	12	-	-	880815
4	1	55.6	12	-	-	183216
5	1	60.4	12	-	-	406890
6	3	87.8	12	1446	1646	628128
7	2	72.6	12	1098	-	852449
8	1	59.9	12	-	-	155681
9	2	69.3	12	1923	-	378400
10	3	86	12	1677	1458	600845
11	3	87.7	12	1837	1476	823033
12	1	51.4	12	-	-	128090
13	3	88.2	12	1220	1913	350484
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5257			Yes
Burst	Number of Pulses	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	90.9	18	1526	1888	391244
2	1	52.2	18	-	-	545638
3	1	64	18	-	-	68823
4	1	58.2	18	-	-	221555
5	3	95.6	18	1477	1741	372314
6	3	86.4	18	1591	1172	524726
7	2	79.3	18	1871	-	49788
8	1	55.3	18	-	-	202750
9	3	94.1	18	1803	1332	353580
10	3	97.2	18	1333	1263	506580
11	3	83.8	18	1094	1748	31002
12	1	63.5	18	-	-	184015
13	2	79.8	18	1990	-	335806
14	1	54.7	18	-	-	489469
15	3	92.7	18	1657	1330	12250
16	3	84.3	18	1497	1467	164432
17	3	96	18	1650	1603	316493
18	3	96.8	18	1801	1210	468725
19	2	76.2	18	1507	-	622150
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5252			
Burst	Number of Pulses	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	57.4	6	-	-	309163
2	3	94.3	6	1211	1857	630587
3	2	67.7	6	1584	-	954017
4	1	52.8	6	-	-	1278723
5	1	62.7	6	-	-	269550
6	2	69.1	6	1629	-	591885
7	2	78	6	1953	-	914068
8	3	91.2	6	1847	1300	1235203
9	1	55.6	6	-	-	229600
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5258			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	92.1	20	1556	1891	246870
2	3	89.3	20	1937	1951	390991
3	3	85.2	20	1626	1393	536372
4	2	81.8	20	1246	-	85130
5	2	73	20	1981	-	229865
6	3	98.2	20	1963	1386	373480
7	1	59.1	20	-	-	520853
8	3	88.4	20	1092	1083	67167
9	1	51.9	20	-	-	212582
10	1	50.1	20	-	-	358023
11	1	62.2	20	-	-	502930
12	1	65.3	20	-	-	49542
13	2	79.1	20	1485	-	194381
14	3	90.1	20	1504	1849	338029
15	3	90	20	1862	1602	482539
16	2	73.6	20	1154	-	31646
17	2	74.5	20	1174	-	176390
18	3	92.1	20	1355	1759	320124
19	2	80.7	20	1898	-	465961
20	2	83	20	1519	-	13769

DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5323			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	79.9	17	1839	-	176210
2	2	75.7	17	1648	-	337365
3	2	73.3	17	1483	-	498406
4	3	89.2	17	1499	1337	657749
5	1	61.5	17	-	-	156710
6	3	94	17	1929	1701	316531
7	3	94	17	1767	1730	476576
8	2	73.1	17	1230	-	639346
9	3	99.4	17	1276	1664	136392
10	1	51.2	17	-	-	298227
11	3	89.2	17	1758	1555	457227
12	2	67.6	17	1840	-	619049
13	3	95.3	17	1872	1805	116406
14	2	73.7	17	1235	-	277662
15	1	63.2	17	-	-	439896
16	1	54.7	17	-	-	601455
17	1	62	17	-	-	97226
18	1	51.9	17	-	-	258590
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5326			
Burst	Number of Pulses	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	90.6	11	1126	1976	579878
2	2	81.6	11	1427	-	803537
3	3	95.6	11	1858	1009	106775
4	1	54.3	11	-	-	330772
5	2	82.3	11	1699	-	553090
6	3	95.9	11	1784	1109	774918
7	3	84.5	11	1097	1208	79388
8	1	60.8	11	-	-	303070
9	2	78.4	11	1761	-	525528
10	1	54.2	11	-	-	750366
11	2	77.8	11	1429	-	51979
12	2	79.3	11	1674	-	275105
13	3	88.2	11	1734	1394	497583
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5324			
Burst	Number of Pulses	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	14	1548	-	624902
2	3	97.3	14	1503	1383	21170
3	1	58.1	14	-	-	214978
4	2	75.7	14	1137	-	408059
5	1	66.3	14	-	-	602526
6	1	66	14	-	-	795780
7	3	96	14	1721	1438	190333
8	2	70.3	14	1536	-	384014
9	2	79	14	1447	-	577607
10	1	54.2	14	-	-	772348
11	3	86.1	14	1244	1890	166528
12	3	89	14	1051	1189	359942
13	1	50.7	14	-	-	554321
14	1	61	14	-	-	748600
15	3	94.6	14	1902	1306	142749
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5325			
Burst	Number of Pulses	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	12	1280	-	360666
2	1	55.3	12	-	-	568695
3	2	76.8	12	1003	-	775415
4	3	85.2	12	1957	1736	127483
5	1	61.6	12	-	-	335396
6	2	72.5	12	1044	-	542612
7	1	51.4	12	-	-	750661
8	3	99.2	12	1983	1670	101982
9	3	87.5	12	1636	1369	308989
10	2	75.5	12	1357	-	516702
11	3	93.5	12	1414	1006	723061
12	2	77.5	12	1958	-	76718
13	1	54.7	12	-	-	284598
14	1	50.6	12	-	-	492206
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5327			Yes
Burst	Number of Pulses	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	65.6	8	-	-	979594
2	3	89.8	8	1917	1475	71716
3	3	95.3	8	1941	1103	361536
4	2	70.1	8	1381	-	652499
5	1	63	8	-	-	943954
6	1	62.1	8	-	-	36125
7	2	70.3	8	1055	-	326497
8	3	87.2	8	1167	1909	615960
9	3	98	8	1852	1029	905759
10	3	96.9	8	1283	1844	323
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5326			Yes
Burst	Number of Pulses	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	88.8	10	1791	1623	241606
2	1	66.1	10	-	-	484528
3	2	81.7	10	1635	-	725304
4	1	61.6	10	-	-	968962
5	2	77.3	10	1930	-	212159
6	1	59.4	10	-	-	454865
7	1	65.3	10	-	-	696950
8	2	81.6	10	1757	-	937169
9	3	84.8	10	1282	1124	182268
10	3	89.9	10	1547	1633	423639
11	3	90.8	10	1402	1273	665074
12	2	73	10	1977	-	907107
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5326			Yes
Burst	Number of Pulses	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	77.4	9	1066	-	166680
2	3	92.7	9	1727	1546	429629
3	2	67.6	9	1011	-	694529
4	1	65.6	9	-	-	959725
5	2	75.6	9	1370	-	134139
6	3	98.2	9	1040	1944	397448
7	2	70.6	9	1254	-	662173
8	1	50.1	9	-	-	926944
9	2	72.9	9	1231	-	101664
10	3	88.6	9	1931	1965	364710
11	3	91.2	9	1641	1738	628466
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5327			Yes
Burst	Number of Pulses	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	69.7	8	1228	-	983288
2	1	63.4	8	-	-	76165
3	1	64.5	8	-	-	366727
4	3	90.8	8	1560	1065	656067
5	2	68.9	8	1023	-	947032
6	3	87.7	8	1401	1100	40298
7	3	99	8	1439	1564	330322
8	2	74.3	8	1079	-	621066
9	2	82.9	8	1964	-	910712
10	1	57.3	8	-	-	4562
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5322			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	80	20	1933	-	147015
2	3	96.5	20	1851	1743	291033
3	3	95.6	20	1710	1532	435379
4	3	90.9	20	1680	1666	579536
5	3	89.9	20	1269	1978	128809
6	2	71.8	20	1698	-	273950
7	2	78	20	1268	-	418848
8	1	60.2	20	-	-	564624
9	1	61.8	20	-	-	111631
10	3	92.7	20	1863	1854	255062
11	1	64.8	20	-	-	401676
12	1	59.8	20	-	-	547143
13	3	92.6	20	1808	1778	93210
14	1	62.4	20	-	-	238884
15	1	52.6	20	-	-	384057
16	1	52.4	20	-	-	529309
17	3	97.4	20	1906	1047	75513
18	3	86.5	20	1105	1745	219952
19	2	72.2	20	1811	-	364994
20	1	66.5	20	-	-	511149

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5326			
Burst	Number of Pulses	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	97.8	10	1683	1141	96519
2	2	73.9	10	1528	-	338451
3	1	50.2	10	-	-	581308
4	2	74.9	10	1570	-	821931
5	1	62	10	-	-	67004
6	3	98.2	10	1486	1026	308460
7	1	62.8	10	-	-	551391
8	2	68.6	10	1578	-	792288
9	3	96.4	10	1008	1148	37088
10	3	94	10	1473	1216	278496
11	3	85.9	10	1408	1352	520174
12	1	65.6	10	-	-	763446
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DFS Radar Parameters
FCC Radar Type 1
Channel 100 Bandwidth 20MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	10	1432.66	698	Yes
2	13	1319.26	758	Yes
3	2	1858.74	538	Yes
4	5	1672.24	598	Yes
5	9	1474.93	678	Yes
6	21	1089.32	918	Yes
7	4	1730.10	578	Yes
8	11	1392.76	718	Yes
9	3	1792.11	558	Yes
10	22	1066.10	938	Yes
11	8	1519.76	658	Yes
12	1	1930.50	518	Yes
13	12	1355.01	738	Yes
14	17	1193.32	838	Yes
15	20	1113.59	898	Yes
16		792.39	1262	Yes
17		1219.51	820	Yes
18		409.84	2440	Yes
19		900.09	1111	Yes
20		1242.24	805	Yes
21		367.11	2724	Yes
22		603.86	1656	Yes
23		414.42	2413	Yes
24		628.93	1590	Yes
25		800.64	1249	Yes
26		526.87	1898	Yes
27		398.57	2509	Yes
28		549.45	1820	Yes
29		361.14	2769	Yes
30		631.31	1584	Yes

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	203	Yes
2	28	4.10	153	Yes
3	29	4.90	210	Yes
4	25	2.20	172	Yes
5	29	4.60	170	Yes
6	27	3.80	177	Yes
7	26	3.00	228	Yes
8	26	2.80	209	Yes
9	27	3.80	193	Yes
10	24	2.00	175	Yes
11	26	3.20	171	Yes
12	26	2.80	154	Yes
13	25	2.60	190	Yes
14	24	2.00	162	Yes
15	23	1.20	161	Yes
16	29	4.90	216	Yes
17	26	2.80	199	Yes
18	28	4.50	164	Yes
19	23	1.40	227	Yes
20	29	4.90	176	Yes
21	28	4.20	223	Yes
22	25	2.50	218	Yes
23	27	3.40	173	Yes
24	26	3.00	151	Yes
25	24	1.80	167	Yes
26	25	2.30	165	Yes
27	25	2.20	205	Yes
28	24	1.70	230	Yes
29	29	4.90	187	Yes
30	25	2.30	178	Yes

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	475	Yes
2	18	9.10	314	Yes
3	18	9.90	268	Yes
4	16	7.20	499	Yes
5	18	9.60	493	Yes
6	18	8.80	267	Yes
7	17	8.00	272	Yes
8	17	7.80	494	Yes
9	18	8.80	364	Yes
10	16	7.00	460	Yes
11	17	8.20	397	Yes
12	17	7.80	302	Yes
13	17	7.60	423	Yes
14	16	7.00	383	Yes
15	16	6.20	350	Yes
16	18	9.90	322	Yes
17	17	7.80	451	Yes
18	18	9.50	471	Yes
19	16	6.40	329	Yes
20	18	9.90	320	Yes
21	18	9.20	216	Yes
22	17	7.50	416	Yes
23	17	8.40	400	Yes
24	17	8.00	225	Yes
25	16	6.80	233	Yes
26	16	7.30	404	Yes
27	16	7.20	463	Yes
28	16	6.70	464	Yes
29	18	9.90	449	Yes
30	16	7.30	241	Yes

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	15.30	475	Yes
2	15	18.00	314	Yes
3	16	19.60	268	Yes
4	13	13.70	499	Yes
5	16	19.10	493	Yes
6	15	17.20	267	Yes
7	14	15.50	272	Yes
8	14	15.20	494	Yes
9	15	17.30	364	Yes
10	13	13.30	460	Yes
11	14	16.00	397	Yes
12	14	15.10	302	Yes
13	14	14.60	423	Yes
14	13	13.30	383	Yes
15	12	11.50	350	No
16	16	19.80	322	Yes
17	14	15.00	451	Yes
18	16	18.70	471	Yes
19	12	12.10	329	Yes
20	16	19.70	320	Yes
21	15	18.20	216	Yes
22	13	14.50	416	Yes
23	15	16.40	400	Yes
24	14	15.40	225	Yes
25	12	12.80	233	Yes
26	13	13.90	404	Yes
27	13	13.70	463	Yes
28	12	12.70	464	Yes
29	16	19.80	449	Yes
30	13	13.90	241	Yes

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	73.8	12	1024	-	614616
2	3	88.7	12	1865	1221	819269
3	3	97.8	12	1018	1284	173954
4	1	64.8	12	-	-	381886
5	3	94.9	12	1351	1238	587396
6	3	84.4	12	1192	1875	794118
7	2	75.1	12	1382	-	148598
8	2	73.2	12	1881	-	355780
9	3	84.7	12	1013	1522	562222
10	1	62.8	12	-	-	771846
11	2	78	12	1256	-	123093
12	2	72.6	12	1125	-	330617
13	2	70	12	1988	-	536879
14	1	63	12	-	-	746063
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Trial Number:			2			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	52.8	17	-	-	76027
2	3	98.7	17	1247	1655	236293
3	2	72.3	17	1722	-	397373
4	3	92.8	17	1502	1320	557735
5	1	56	17	-	-	56102
6	3	98.1	17	1689	1571	216473
7	3	90	17	1233	1362	377056
8	2	69.3	17	1908	-	538877
9	2	80.2	17	1836	-	36154
10	2	74.6	17	1078	-	197190
11	1	59.9	17	-	-	358748
12	1	66	17	-	-	520255
13	1	65.1	17	-	-	16396
14	1	59.6	17	-	-	177699
15	3	98.4	17	1910	1609	337021
16	1	66	17	-	-	500580
17	2	77.7	17	1123	-	660508
18	1	65.5	17	-	-	157837
19						
20						

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

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	70.7	20	1835	-	286349
2	2	81.4	20	1151	-	431152
3	3	97.6	20	1406	1513	574655
4	3	94.9	20	1091	1184	123753
5	1	51.4	20	-	-	269393
6	3	88.7	20	1204	1130	412964
7	3	99.2	20	1896	1143	556564
8	3	84.2	20	1378	1152	105825
9	3	86.8	20	1534	1961	249939
10	2	79.6	20	1117	-	396158
11	3	88.4	20	1895	1149	539121
12	2	73	20	1166	-	88271
13	1	50	20	-	-	233609
14	1	50.6	20	-	-	378603
15	2	77.9	20	1214	-	522684
16	2	80.2	20	1366	-	70362
17	2	68.2	20	1240	-	215191
18	2	78.5	20	1178	-	360033
19	1	66	20	-	-	506005
20	3	85.1	20	1822	1440	52332

Trial Number:			4			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	3	94.1	9	1329	1349	358975
2	2	72.7	9	1399	-	623143
3	1	50.1	9	-	-	888148
4	1	54.4	9	-	-	63248
5	1	58.5	9	-	-	327581
6	2	73.1	9	1034	-	591273
7	1	54.9	9	-	-	855954
8	2	78.9	9	1493	-	30655
9	2	69.3	9	1804	-	294302
10	1	65.4	9	-	-	559188
11	2	74.8	9	1038	-	822808
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			5			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	68.6	19	1323	-	628147
2	3	85.1	19	1182	1087	151199
3	1	62.5	19	-	-	304801
4	1	51.8	19	-	-	457139
5	3	88.7	19	1294	1586	607017
6	1	65.4	19	-	-	132856
7	1	57.9	19	-	-	285558
8	3	97.2	19	1506	1180	436537
9	3	83.6	19	1286	1404	589291
10	3	93.6	19	1301	1005	113598
11	2	71.9	19	1205	-	266290
12	1	61.3	19	-	-	419578
13	1	60.4	19	-	-	572314
14	2	81	19	1826	-	95044
15	1	57.1	19	-	-	248184
16	2	74.5	19	1443	-	399933
17	1	59.3	19	-	-	553812
18	3	88.2	19	1239	1823	76116
19	3	84.9	19	1289	1796	227979
20						

Trial Number:			6			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	3	91.5	16	1720	1190	452050
2	2	69.8	16	1218	-	634340
3	1	50	16	-	-	68443
4	3	92.7	16	1739	1296	249006
5	2	71.4	16	1379	-	430570
6	3	98.1	16	1535	1075	611233
7	2	81.3	16	1297	-	46027
8	3	93.1	16	1819	1927	226423
9	3	86.3	16	1880	1165	407572
10	2	78.4	16	1334	-	589918
11	3	83.8	16	1764	1800	23617
12	2	70.3	16	1542	-	204861
13	1	64.8	16	-	-	386897
14	2	71.3	16	1308	-	567520
15	1	54.7	16	-	-	1386
16	2	69.7	16	1855	-	182386
17						
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19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			7			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	88	13	1573	1064	415227
2	3	87.6	13	1380	1706	621967
3	3	98.8	13	1724	1820	827734
4	3	89.2	13	1850	1265	182819
5	1	64.7	13	-	-	391135
6	1	60.2	13	-	-	598409
7	2	81.4	13	1580	-	804585
8	2	82.4	13	1870	-	157576
9	3	91.5	13	1995	1156	363982
10	2	72.2	13	1049	-	572179
11	1	61.3	13	-	-	780949
12	3	89.7	13	1069	1928	131990
13	2	73.5	13	1899	-	339191
14	1	51.4	13	-	-	547484
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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	3	98.6	12	1979	1202	752238
2	3	95.6	12	1892	1530	106486
3	3	90.7	12	1768	1947	313100
4	3	84.4	12	1183	1299	520345
5	2	73.9	12	1010	-	728383
6	1	54.9	12	-	-	81324
7	2	68.6	12	1364	-	288197
8	3	92.4	12	1582	1022	494545
9	3	91.1	12	1111	1632	701226
10	1	53.7	12	-	-	55714
11	1	57.4	12	-	-	263144
12	2	72.4	12	1411	-	469763
13	2	71.7	12	1390	-	677379
14	2	68.8	12	1119	-	30144
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			9			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	3	99.8	16	1059	1479	195094
2	2	73.2	16	1420	-	365747
3	1	57	16	-	-	537152
4	3	90	16	1999	1622	3777
5	1	55.6	16	-	-	174668
6	1	61.2	16	-	-	345557
7	2	69.2	16	1118	-	515323
8	3	87	16	1550	1036	684911
9	1	60.5	16	-	-	153594
10	3	99.1	16	1915	1691	322536
11	2	70.2	16	1760	-	494232
12	2	81.2	16	1424	-	664929
13	3	88.5	16	1936	1298	131922
14	2	67.6	16	1110	-	302793
15	1	51.1	16	-	-	474385
16	3	99.3	16	1684	1916	642206
17	3	86.7	16	1505	1998	110993
18						
19						
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Trial Number:			10			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	3	91.6	9	1084	1807	435575
2	2	69.6	9	1846	-	699408
3	3	84.9	9	1517	1032	962665
4	2	79.8	9	1412	-	139700
5	3	88.3	9	1974	1769	402860
6	2	79.7	9	1508	-	667716
7	2	80.4	9	1007	-	931317
8	3	97.5	9	1529	1644	107011
9	3	99.8	9	1984	1139	370519
10	1	51.1	9	-	-	635514
11	3	95.6	9	1314	1236	898082
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	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	96.5	13	1147	1063	54706
2	3	95	13	1971	1905	247420
3	2	81.8	13	1755	-	440953
4	3	92.4	13	1014	1686	634022
5	3	88.6	13	1185	1248	30875
6	1	62.6	13	-	-	224762
7	2	82.6	13	1177	-	417705
8	2	68.3	13	1212	-	611025
9	1	65.1	13	-	-	7124
10	2	71.4	13	1450	-	200434
11	3	84.1	13	1785	1782	392909
12	1	62.2	13	-	-	587859
13	2	82.2	13	1940	-	780081
14	1	61.6	13	-	-	176850
15	3	85	13	1104	1093	369770
16						
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	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	91.7	12	1893	1419	648682
2	1	64.2	12	-	-	874380
3	3	92.7	12	1656	1651	176123
4	1	66.5	12	-	-	400212
5	1	50.9	12	-	-	623624
6	3	91.3	12	1106	1367	844914
7	3	91.9	12	1975	1645	148516
8	2	67	12	1729	-	371982
9	1	65.9	12	-	-	596122
10	1	52.7	12	-	-	819941
11	3	86.8	12	1545	1448	121271
12	3	89	12	1948	1253	343800
13	1	61.5	12	-	-	568389
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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:			13			
Chirp Center Frequency:			5494			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	93.6	11	1792	1704	789039
2	2	76.7	11	1687	-	93933
3	3	92.6	11	1445	1251	316669
4	1	55.8	11	-	-	540906
5	1	60.1	11	-	-	764839
6	2	73.6	11	1829	-	66424
7	3	90.5	11	1060	1030	289436
8	1	65.6	11	-	-	513463
9	2	67.3	11	1322	-	736170
10	2	77.8	11	1610	-	38949
11	3	92.7	11	1860	1728	261387
12	2	75.9	11	1612	-	484939
13	3	85.1	11	1423	1131	707409
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5494			Yes
Burst	Number of Pulses	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	82.9	9	1765	-	13552
2	3	84.1	9	1824	1318	276863
3	1	65.3	9	-	-	541947
4	1	57.5	9	-	-	806131
5	1	57.4	9	-	-	1070379
6	1	52.6	9	-	-	245288
7	2	68.2	9	1640	-	508881
8	1	53.2	9	-	-	773566
9	3	88	9	1081	1817	1035262
10	1	66.2	9	-	-	212683
11	1	54.7	9	-	-	476912
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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:			8			
Chirp Center Frequency:			5492			
Burst	Number of Pulses	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	83.3	5	1217	-	1018432
2	1	50.1	5	-	-	1383006
3	1	54.3	5	-	-	247837
4	1	54.5	5	-	-	611159
5	2	77.9	5	1695	-	973820
6	1	65.8	5	-	-	1338111
7	3	89.6	5	1088	1987	202667
8	1	51.8	5	-	-	566564
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5498			
Burst	Number of Pulses	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	73.6	20	1339	-	370624
2	2	71.1	20	1606	-	514929
3	2	74.7	20	1426	-	63073
4	3	88.5	20	1597	1120	207317
5	2	78.9	20	1255	-	352536
6	2	78.2	20	1662	-	497319
7	1	52	20	-	-	45361
8	1	58.6	20	-	-	190493
9	2	71.1	20	1042	-	334919
10	2	69.4	20	1942	-	479564
11	2	74.4	20	1737	-	27370
12	3	86.4	20	1452	1206	171780
13	1	50	20	-	-	317717
14	3	90.6	20	1618	1338	460543
15	1	65.9	20	-	-	9568
16	1	58.3	20	-	-	154770
17	1	57.8	20	-	-	300054
18	1	51.7	20	-	-	444809
19	1	58.4	20	-	-	590657
20	3	95.4	20	1588	1140	136123

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

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	84.1	12	1611	1866	432794
2	2	70.7	12	1328	-	656845
3	1	58.3	12	-	-	880815
4	1	55.6	12	-	-	183216
5	1	60.4	12	-	-	406890
6	3	87.8	12	1446	1646	628128
7	2	72.6	12	1098	-	852449
8	1	59.9	12	-	-	155681
9	2	69.3	12	1923	-	378400
10	3	86	12	1677	1458	600845
11	3	87.7	12	1837	1476	823033
12	1	51.4	12	-	-	128090
13	3	88.2	12	1220	1913	350484
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5497			Yes
Burst	Number of Pulses	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	90.9	18	1526	1888	391244
2	1	52.2	18	-	-	545638
3	1	64	18	-	-	68823
4	1	58.2	18	-	-	221555
5	3	95.6	18	1477	1741	372314
6	3	86.4	18	1591	1172	524726
7	2	79.3	18	1871	-	49788
8	1	55.3	18	-	-	202750
9	3	94.1	18	1803	1332	353580
10	3	97.2	18	1333	1263	506580
11	3	83.8	18	1094	1748	31002
12	1	63.5	18	-	-	184015
13	2	79.8	18	1990	-	335806
14	1	54.7	18	-	-	489469
15	3	92.7	18	1657	1330	12250
16	3	84.3	18	1497	1467	164432
17	3	96	18	1650	1603	316493
18	3	96.8	18	1801	1210	468725
19	2	76.2	18	1507	-	622150
20						

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

Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5492			
Burst	Number of Pulses	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	57.4	6	-	-	309163
2	3	94.3	6	1211	1857	630587
3	2	67.7	6	1584	-	954017
4	1	52.8	6	-	-	1278723
5	1	62.7	6	-	-	269550
6	2	69.1	6	1629	-	591885
7	2	78	6	1953	-	914068
8	3	91.2	6	1847	1300	1235203
9	1	55.6	6	-	-	229600
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5498			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	92.1	20	1556	1891	246870
2	3	89.3	20	1937	1951	390991
3	3	85.2	20	1626	1393	536372
4	2	81.8	20	1246	-	85130
5	2	73	20	1981	-	229865
6	3	98.2	20	1963	1386	373480
7	1	59.1	20	-	-	520853
8	3	88.4	20	1092	1083	67167
9	1	51.9	20	-	-	212582
10	1	50.1	20	-	-	358023
11	1	62.2	20	-	-	502930
12	1	65.3	20	-	-	49542
13	2	79.1	20	1485	-	194381
14	3	90.1	20	1504	1849	338029
15	3	90	20	1862	1602	482539
16	2	73.6	20	1154	-	31646
17	2	74.5	20	1174	-	176390
18	3	92.1	20	1355	1759	320124
19	2	80.7	20	1898	-	465961
20	2	83	20	1519	-	13769

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

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5503			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	79.9	17	1839	-	176210
2	2	75.7	17	1648	-	337365
3	2	73.3	17	1483	-	498406
4	3	89.2	17	1499	1337	657749
5	1	61.5	17	-	-	156710
6	3	94	17	1929	1701	316531
7	3	94	17	1767	1730	476576
8	2	73.1	17	1230	-	639346
9	3	99.4	17	1276	1664	136392
10	1	51.2	17	-	-	298227
11	3	89.2	17	1758	1555	457227
12	2	67.6	17	1840	-	619049
13	3	95.3	17	1872	1805	116406
14	2	73.7	17	1235	-	277662
15	1	63.2	17	-	-	439896
16	1	54.7	17	-	-	601455
17	1	62	17	-	-	97226
18	1	51.9	17	-	-	258590
19						
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5506			
Burst	Number of Pulses	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	90.6	11	1126	1976	579878
2	2	81.6	11	1427	-	803537
3	3	95.6	11	1858	1009	106775
4	1	54.3	11	-	-	330772
5	2	82.3	11	1699	-	553090
6	3	95.9	11	1784	1109	774918
7	3	84.5	11	1097	1208	79388
8	1	60.8	11	-	-	303070
9	2	78.4	11	1761	-	525528
10	1	54.2	11	-	-	750366
11	2	77.8	11	1429	-	51979
12	2	79.3	11	1674	-	275105
13	3	88.2	11	1734	1394	497583
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5504			
Burst	Number of Pulses	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	14	1548	-	624902
2	3	97.3	14	1503	1383	21170
3	1	58.1	14	-	-	214978
4	2	75.7	14	1137	-	408059
5	1	66.3	14	-	-	602526
6	1	66	14	-	-	795780
7	3	96	14	1721	1438	190333
8	2	70.3	14	1536	-	384014
9	2	79	14	1447	-	577607
10	1	54.2	14	-	-	772348
11	3	86.1	14	1244	1890	166528
12	3	89	14	1051	1189	359942
13	1	50.7	14	-	-	554321
14	1	61	14	-	-	748600
15	3	94.6	14	1902	1306	142749
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5505			
Burst	Number of Pulses	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	12	1280	-	360666
2	1	55.3	12	-	-	568695
3	2	76.8	12	1003	-	775415
4	3	85.2	12	1957	1736	127483
5	1	61.6	12	-	-	335396
6	2	72.5	12	1044	-	542612
7	1	51.4	12	-	-	750661
8	3	99.2	12	1983	1670	101982
9	3	87.5	12	1636	1369	308989
10	2	75.5	12	1357	-	516702
11	3	93.5	12	1414	1006	723061
12	2	77.5	12	1958	-	76718
13	1	54.7	12	-	-	284598
14	1	50.6	12	-	-	492206
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5507			Yes
Burst	Number of Pulses	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	65.6	8	-	-	979594
2	3	89.8	8	1917	1475	71716
3	3	95.3	8	1941	1103	361536
4	2	70.1	8	1381	-	652499
5	1	63	8	-	-	943954
6	1	62.1	8	-	-	36125
7	2	70.3	8	1055	-	326497
8	3	87.2	8	1167	1909	615960
9	3	98	8	1852	1029	905759
10	3	96.9	8	1283	1844	323
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5506			Yes
Burst	Number of Pulses	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	88.8	10	1791	1623	241606
2	1	66.1	10	-	-	484528
3	2	81.7	10	1635	-	725304
4	1	61.6	10	-	-	968962
5	2	77.3	10	1930	-	212159
6	1	59.4	10	-	-	454865
7	1	65.3	10	-	-	696950
8	2	81.6	10	1757	-	937169
9	3	84.8	10	1282	1124	182268
10	3	89.9	10	1547	1633	423639
11	3	90.8	10	1402	1273	665074
12	2	73	10	1977	-	907107
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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:			11			
Chirp Center Frequency:			5506			Yes
Burst	Number of Pulses	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	77.4	9	1066	-	166680
2	3	92.7	9	1727	1546	429629
3	2	67.6	9	1011	-	694529
4	1	65.6	9	-	-	959725
5	2	75.6	9	1370	-	134139
6	3	98.2	9	1040	1944	397448
7	2	70.6	9	1254	-	662173
8	1	50.1	9	-	-	926944
9	2	72.9	9	1231	-	101664
10	3	88.6	9	1931	1965	364710
11	3	91.2	9	1641	1738	628466
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5507			Yes
Burst	Number of Pulses	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	69.7	8	1228	-	983288
2	1	63.4	8	-	-	76165
3	1	64.5	8	-	-	366727
4	3	90.8	8	1560	1065	656067
5	2	68.9	8	1023	-	947032
6	3	87.7	8	1401	1100	40298
7	3	99	8	1439	1564	330322
8	2	74.3	8	1079	-	621066
9	2	82.9	8	1964	-	910712
10	1	57.3	8	-	-	4562
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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:			20			
Chirp Center Frequency:			5502			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	80	20	1933	-	147015
2	3	96.5	20	1851	1743	291033
3	3	95.6	20	1710	1532	435379
4	3	90.9	20	1680	1666	579536
5	3	89.9	20	1269	1978	128809
6	2	71.8	20	1698	-	273950
7	2	78	20	1268	-	418848
8	1	60.2	20	-	-	564624
9	1	61.8	20	-	-	111631
10	3	92.7	20	1863	1854	255062
11	1	64.8	20	-	-	401676
12	1	59.8	20	-	-	547143
13	3	92.6	20	1808	1778	93210
14	1	62.4	20	-	-	238884
15	1	52.6	20	-	-	384057
16	1	52.4	20	-	-	529309
17	3	97.4	20	1906	1047	75513
18	3	86.5	20	1105	1745	219952
19	2	72.2	20	1811	-	364994
20	1	66.5	20	-	-	511149

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5506			
Burst	Number of Pulses	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	97.8	10	1683	1141	96519
2	2	73.9	10	1528	-	338451
3	1	50.2	10	-	-	581308
4	2	74.9	10	1570	-	821931
5	1	62	10	-	-	67004
6	3	98.2	10	1486	1026	308460
7	1	62.8	10	-	-	551391
8	2	68.6	10	1578	-	792288
9	3	96.4	10	1008	1148	37088
10	3	94	10	1473	1216	278496
11	3	85.9	10	1408	1352	520174
12	1	65.6	10	-	-	763446
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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	10	1432.66	698	Yes
2	13	1319.26	758	Yes
3	2	1858.74	538	Yes
4	5	1672.24	598	Yes
5	9	1474.93	678	Yes
6	21	1089.32	918	Yes
7	4	1730.10	578	Yes
8	11	1392.76	718	Yes
9	3	1792.11	558	Yes
10	22	1066.10	938	Yes
11	8	1519.76	658	Yes
12	1	1930.50	518	Yes
13	12	1355.01	738	Yes
14	17	1193.32	838	Yes
15	20	1113.59	898	Yes
16		792.39	1262	Yes
17		1219.51	820	Yes
18		409.84	2440	Yes
19		900.09	1111	Yes
20		1242.24	805	Yes
21		367.11	2724	Yes
22		603.86	1656	Yes
23		414.42	2413	Yes
24		628.93	1590	Yes
25		800.64	1249	Yes
26		526.87	1898	Yes
27		398.57	2509	Yes
28		549.45	1820	Yes
29		361.14	2769	Yes
30		631.31	1584	Yes

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	203	Yes
2	28	4.10	153	Yes
3	29	4.90	210	Yes
4	25	2.20	172	Yes
5	29	4.60	170	Yes
6	27	3.80	177	Yes
7	26	3.00	228	Yes
8	26	2.80	209	Yes
9	27	3.80	193	Yes
10	24	2.00	175	Yes
11	26	3.20	171	Yes
12	26	2.80	154	Yes
13	25	2.60	190	Yes
14	24	2.00	162	Yes
15	23	1.20	161	Yes
16	29	4.90	216	Yes
17	26	2.80	199	Yes
18	28	4.50	164	Yes
19	23	1.40	227	Yes
20	29	4.90	176	Yes
21	28	4.20	223	Yes
22	25	2.50	218	Yes
23	27	3.40	173	Yes
24	26	3.00	151	Yes
25	24	1.80	167	Yes
26	25	2.30	165	Yes
27	25	2.20	205	Yes
28	24	1.70	230	Yes
29	29	4.90	187	Yes
30	25	2.30	178	Yes

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	475	Yes
2	18	9.10	314	Yes
3	18	9.90	268	Yes
4	16	7.20	499	Yes
5	18	9.60	493	Yes
6	18	8.80	267	Yes
7	17	8.00	272	Yes
8	17	7.80	494	Yes
9	18	8.80	364	Yes
10	16	7.00	460	Yes
11	17	8.20	397	Yes
12	17	7.80	302	Yes
13	17	7.60	423	Yes
14	16	7.00	383	Yes
15	16	6.20	350	Yes
16	18	9.90	322	Yes
17	17	7.80	451	Yes
18	18	9.50	471	Yes
19	16	6.40	329	Yes
20	18	9.90	320	Yes
21	18	9.20	216	Yes
22	17	7.50	416	Yes
23	17	8.40	400	Yes
24	17	8.00	225	Yes
25	16	6.80	233	Yes
26	16	7.30	404	Yes
27	16	7.20	463	Yes
28	16	6.70	464	No
29	18	9.90	449	Yes
30	16	7.30	241	Yes

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	15.30	475	Yes
2	15	18.00	314	Yes
3	16	19.60	268	Yes
4	13	13.70	499	Yes
5	16	19.10	493	Yes
6	15	17.20	267	Yes
7	14	15.50	272	Yes
8	14	15.20	494	Yes
9	15	17.30	364	Yes
10	13	13.30	460	Yes
11	14	16.00	397	Yes
12	14	15.10	302	Yes
13	14	14.60	423	Yes
14	13	13.30	383	Yes
15	12	11.50	350	Yes
16	16	19.80	322	Yes
17	14	15.00	451	Yes
18	16	18.70	471	Yes
19	12	12.10	329	Yes
20	16	19.70	320	Yes
21	15	18.20	216	Yes
22	13	14.50	416	Yes
23	15	16.40	400	Yes
24	14	15.40	225	Yes
25	12	12.80	233	Yes
26	13	13.90	404	No
27	13	13.70	463	Yes
28	12	12.70	464	Yes
29	16	19.80	449	Yes
30	13	13.90	241	Yes

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	73.8	12	1024	-	614616
2	3	88.7	12	1865	1221	819269
3	3	97.8	12	1018	1284	173954
4	1	64.8	12	-	-	381886
5	3	94.9	12	1351	1238	587396
6	3	84.4	12	1192	1875	794118
7	2	75.1	12	1382	-	148598
8	2	73.2	12	1881	-	355780
9	3	84.7	12	1013	1522	562222
10	1	62.8	12	-	-	771846
11	2	78	12	1256	-	123093
12	2	72.6	12	1125	-	330617
13	2	70	12	1988	-	536879
14	1	63	12	-	-	746063
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Trial Number:			2			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	52.8	17	-	-	76027
2	3	98.7	17	1247	1655	236293
3	2	72.3	17	1722	-	397373
4	3	92.8	17	1502	1320	557735
5	1	56	17	-	-	56102
6	3	98.1	17	1689	1571	216473
7	3	90	17	1233	1362	377056
8	2	69.3	17	1908	-	538877
9	2	80.2	17	1836	-	36154
10	2	74.6	17	1078	-	197190
11	1	59.9	17	-	-	358748
12	1	66	17	-	-	520255
13	1	65.1	17	-	-	16396
14	1	59.6	17	-	-	177699
15	3	98.4	17	1910	1609	337021
16	1	66	17	-	-	500580
17	2	77.7	17	1123	-	660508
18	1	65.5	17	-	-	157837
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DFS Radar Parameters
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Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	70.7	20	1835	-	286349
2	2	81.4	20	1151	-	431152
3	3	97.6	20	1406	1513	574655
4	3	94.9	20	1091	1184	123753
5	1	51.4	20	-	-	269393
6	3	88.7	20	1204	1130	412964
7	3	99.2	20	1896	1143	556564
8	3	84.2	20	1378	1152	105825
9	3	86.8	20	1534	1961	249939
10	2	79.6	20	1117	-	396158
11	3	88.4	20	1895	1149	539121
12	2	73	20	1166	-	88271
13	1	50	20	-	-	233609
14	1	50.6	20	-	-	378603
15	2	77.9	20	1214	-	522684
16	2	80.2	20	1366	-	70362
17	2	68.2	20	1240	-	215191
18	2	78.5	20	1178	-	360033
19	1	66	20	-	-	506005
20	3	85.1	20	1822	1440	52332

Trial Number:			4			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	3	94.1	9	1329	1349	358975
2	2	72.7	9	1399	-	623143
3	1	50.1	9	-	-	888148
4	1	54.4	9	-	-	63248
5	1	58.5	9	-	-	327581
6	2	73.1	9	1034	-	591273
7	1	54.9	9	-	-	855954
8	2	78.9	9	1493	-	30655
9	2	69.3	9	1804	-	294302
10	1	65.4	9	-	-	559188
11	2	74.8	9	1038	-	822808
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Channel 102 Bandwidth 40MHz

Trial Number:			5			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	68.6	19	1323	-	628147
2	3	85.1	19	1182	1087	151199
3	1	62.5	19	-	-	304801
4	1	51.8	19	-	-	457139
5	3	88.7	19	1294	1586	607017
6	1	65.4	19	-	-	132856
7	1	57.9	19	-	-	285558
8	3	97.2	19	1506	1180	436537
9	3	83.6	19	1286	1404	589291
10	3	93.6	19	1301	1005	113598
11	2	71.9	19	1205	-	266290
12	1	61.3	19	-	-	419578
13	1	60.4	19	-	-	572314
14	2	81	19	1826	-	95044
15	1	57.1	19	-	-	248184
16	2	74.5	19	1443	-	399933
17	1	59.3	19	-	-	553812
18	3	88.2	19	1239	1823	76116
19	3	84.9	19	1289	1796	227979
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Trial Number:			6			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	3	91.5	16	1720	1190	452050
2	2	69.8	16	1218	-	634340
3	1	50	16	-	-	68443
4	3	92.7	16	1739	1296	249006
5	2	71.4	16	1379	-	430570
6	3	98.1	16	1535	1075	611233
7	2	81.3	16	1297	-	46027
8	3	93.1	16	1819	1927	226423
9	3	86.3	16	1880	1165	407572
10	2	78.4	16	1334	-	589918
11	3	83.8	16	1764	1800	23617
12	2	70.3	16	1542	-	204861
13	1	64.8	16	-	-	386897
14	2	71.3	16	1308	-	567520
15	1	54.7	16	-	-	1386
16	2	69.7	16	1855	-	182386
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Trial Number:			7			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	88	13	1573	1064	415227
2	3	87.6	13	1380	1706	621967
3	3	98.8	13	1724	1820	827734
4	3	89.2	13	1850	1265	182819
5	1	64.7	13	-	-	391135
6	1	60.2	13	-	-	598409
7	2	81.4	13	1580	-	804585
8	2	82.4	13	1870	-	157576
9	3	91.5	13	1995	1156	363982
10	2	72.2	13	1049	-	572179
11	1	61.3	13	-	-	780949
12	3	89.7	13	1069	1928	131990
13	2	73.5	13	1899	-	339191
14	1	51.4	13	-	-	547484
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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	3	98.6	12	1979	1202	752238
2	3	95.6	12	1892	1530	106486
3	3	90.7	12	1768	1947	313100
4	3	84.4	12	1183	1299	520345
5	2	73.9	12	1010	-	728383
6	1	54.9	12	-	-	81324
7	2	68.6	12	1364	-	288197
8	3	92.4	12	1582	1022	494545
9	3	91.1	12	1111	1632	701226
10	1	53.7	12	-	-	55714
11	1	57.4	12	-	-	263144
12	2	72.4	12	1411	-	469763
13	2	71.7	12	1390	-	677379
14	2	68.8	12	1119	-	30144
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Channel 102 Bandwidth 40MHz

Trial Number:			9			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	3	99.8	16	1059	1479	195094
2	2	73.2	16	1420	-	365747
3	1	57	16	-	-	537152
4	3	90	16	1999	1622	3777
5	1	55.6	16	-	-	174668
6	1	61.2	16	-	-	345557
7	2	69.2	16	1118	-	515323
8	3	87	16	1550	1036	684911
9	1	60.5	16	-	-	153594
10	3	99.1	16	1915	1691	322536
11	2	70.2	16	1760	-	494232
12	2	81.2	16	1424	-	664929
13	3	88.5	16	1936	1298	131922
14	2	67.6	16	1110	-	302793
15	1	51.1	16	-	-	474385
16	3	99.3	16	1684	1916	642206
17	3	86.7	16	1505	1998	110993
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Trial Number:			10			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	3	91.6	9	1084	1807	435575
2	2	69.6	9	1846	-	699408
3	3	84.9	9	1517	1032	962665
4	2	79.8	9	1412	-	139700
5	3	88.3	9	1974	1769	402860
6	2	79.7	9	1508	-	667716
7	2	80.4	9	1007	-	931317
8	3	97.5	9	1529	1644	107011
9	3	99.8	9	1984	1139	370519
10	1	51.1	9	-	-	635514
11	3	95.6	9	1314	1236	898082
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5496			Yes
Burst	Number of Pulses	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	96.5	13	1147	1063	54706
2	3	95	13	1971	1905	247420
3	2	81.8	13	1755	-	440953
4	3	92.4	13	1014	1686	634022
5	3	88.6	13	1185	1248	30875
6	1	62.6	13	-	-	224762
7	2	82.6	13	1177	-	417705
8	2	68.3	13	1212	-	611025
9	1	65.1	13	-	-	7124
10	2	71.4	13	1450	-	200434
11	3	84.1	13	1785	1782	392909
12	1	62.2	13	-	-	587859
13	2	82.2	13	1940	-	780081
14	1	61.6	13	-	-	176850
15	3	85	13	1104	1093	369770
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5496			Yes
Burst	Number of Pulses	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	91.7	12	1893	1419	648682
2	1	64.2	12	-	-	874380
3	3	92.7	12	1656	1651	176123
4	1	66.5	12	-	-	400212
5	1	50.9	12	-	-	623624
6	3	91.3	12	1106	1367	844914
7	3	91.9	12	1975	1645	148516
8	2	67	12	1729	-	371982
9	1	65.9	12	-	-	596122
10	1	52.7	12	-	-	819941
11	3	86.8	12	1545	1448	121271
12	3	89	12	1948	1253	343800
13	1	61.5	12	-	-	568389
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	93.6	11	1792	1704	789039
2	2	76.7	11	1687	-	93933
3	3	92.6	11	1445	1251	316669
4	1	55.8	11	-	-	540906
5	1	60.1	11	-	-	764839
6	2	73.6	11	1829	-	66424
7	3	90.5	11	1060	1030	289436
8	1	65.6	11	-	-	513463
9	2	67.3	11	1322	-	736170
10	2	77.8	11	1610	-	38949
11	3	92.7	11	1860	1728	261387
12	2	75.9	11	1612	-	484939
13	3	85.1	11	1423	1131	707409
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5494			Yes
Burst	Number of Pulses	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	82.9	9	1765	-	13552
2	3	84.1	9	1824	1318	276863
3	1	65.3	9	-	-	541947
4	1	57.5	9	-	-	806131
5	1	57.4	9	-	-	1070379
6	1	52.6	9	-	-	245288
7	2	68.2	9	1640	-	508881
8	1	53.2	9	-	-	773566
9	3	88	9	1081	1817	1035262
10	1	66.2	9	-	-	212683
11	1	54.7	9	-	-	476912
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5493			Yes
Burst	Number of Pulses	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	83.3	5	1217	-	1018432
2	1	50.1	5	-	-	1383006
3	1	54.3	5	-	-	247837
4	1	54.5	5	-	-	611159
5	2	77.9	5	1695	-	973820
6	1	65.8	5	-	-	1338111
7	3	89.6	5	1088	1987	202667
8	1	51.8	5	-	-	566564
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5499			Yes
Burst	Number of Pulses	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	73.6	20	1339	-	370624
2	2	71.1	20	1606	-	514929
3	2	74.7	20	1426	-	63073
4	3	88.5	20	1597	1120	207317
5	2	78.9	20	1255	-	352536
6	2	78.2	20	1662	-	497319
7	1	52	20	-	-	45361
8	1	58.6	20	-	-	190493
9	2	71.1	20	1042	-	334919
10	2	69.4	20	1942	-	479564
11	2	74.4	20	1737	-	27370
12	3	86.4	20	1452	1206	171780
13	1	50	20	-	-	317717
14	3	90.6	20	1618	1338	460543
15	1	65.9	20	-	-	9568
16	1	58.3	20	-	-	154770
17	1	57.8	20	-	-	300054
18	1	51.7	20	-	-	444809
19	1	58.4	20	-	-	590657
20	3	95.4	20	1588	1140	136123

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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5496			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	84.1	12	1611	1866	432794
2	2	70.7	12	1328	-	656845
3	1	58.3	12	-	-	880815
4	1	55.6	12	-	-	183216
5	1	60.4	12	-	-	406890
6	3	87.8	12	1446	1646	628128
7	2	72.6	12	1098	-	852449
8	1	59.9	12	-	-	155681
9	2	69.3	12	1923	-	378400
10	3	86	12	1677	1458	600845
11	3	87.7	12	1837	1476	823033
12	1	51.4	12	-	-	128090
13	3	88.2	12	1220	1913	350484
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	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	90.9	18	1526	1888	391244
2	1	52.2	18	-	-	545638
3	1	64	18	-	-	68823
4	1	58.2	18	-	-	221555
5	3	95.6	18	1477	1741	372314
6	3	86.4	18	1591	1172	524726
7	2	79.3	18	1871	-	49788
8	1	55.3	18	-	-	202750
9	3	94.1	18	1803	1332	353580
10	3	97.2	18	1333	1263	506580
11	3	83.8	18	1094	1748	31002
12	1	63.5	18	-	-	184015
13	2	79.8	18	1990	-	335806
14	1	54.7	18	-	-	489469
15	3	92.7	18	1657	1330	12250
16	3	84.3	18	1497	1467	164432
17	3	96	18	1650	1603	316493
18	3	96.8	18	1801	1210	468725
19	2	76.2	18	1507	-	622150
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5493			Yes
Burst	Number of Pulses	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	57.4	6	-	-	309163
2	3	94.3	6	1211	1857	630587
3	2	67.7	6	1584	-	954017
4	1	52.8	6	-	-	1278723
5	1	62.7	6	-	-	269550
6	2	69.1	6	1629	-	591885
7	2	78	6	1953	-	914068
8	3	91.2	6	1847	1300	1235203
9	1	55.6	6	-	-	229600
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5499			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	92.1	20	1556	1891	246870
2	3	89.3	20	1937	1951	390991
3	3	85.2	20	1626	1393	536372
4	2	81.8	20	1246	-	85130
5	2	73	20	1981	-	229865
6	3	98.2	20	1963	1386	373480
7	1	59.1	20	-	-	520853
8	3	88.4	20	1092	1083	67167
9	1	51.9	20	-	-	212582
10	1	50.1	20	-	-	358023
11	1	62.2	20	-	-	502930
12	1	65.3	20	-	-	49542
13	2	79.1	20	1485	-	194381
14	3	90.1	20	1504	1849	338029
15	3	90	20	1862	1602	482539
16	2	73.6	20	1154	-	31646
17	2	74.5	20	1174	-	176390
18	3	92.1	20	1355	1759	320124
19	2	80.7	20	1898	-	465961
20	2	83	20	1519	-	13769

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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5522			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	79.9	17	1839	-	176210
2	2	75.7	17	1648	-	337365
3	2	73.3	17	1483	-	498406
4	3	89.2	17	1499	1337	657749
5	1	61.5	17	-	-	156710
6	3	94	17	1929	1701	316531
7	3	94	17	1767	1730	476576
8	2	73.1	17	1230	-	639346
9	3	99.4	17	1276	1664	136392
10	1	51.2	17	-	-	298227
11	3	89.2	17	1758	1555	457227
12	2	67.6	17	1840	-	619049
13	3	95.3	17	1872	1805	116406
14	2	73.7	17	1235	-	277662
15	1	63.2	17	-	-	439896
16	1	54.7	17	-	-	601455
17	1	62	17	-	-	97226
18	1	51.9	17	-	-	258590
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5525			
Burst	Number of Pulses	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	90.6	11	1126	1976	579878
2	2	81.6	11	1427	-	803537
3	3	95.6	11	1858	1009	106775
4	1	54.3	11	-	-	330772
5	2	82.3	11	1699	-	553090
6	3	95.9	11	1784	1109	774918
7	3	84.5	11	1097	1208	79388
8	1	60.8	11	-	-	303070
9	2	78.4	11	1761	-	525528
10	1	54.2	11	-	-	750366
11	2	77.8	11	1429	-	51979
12	2	79.3	11	1674	-	275105
13	3	88.2	11	1734	1394	497583
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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:			5524			
Burst	Number of Pulses	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	14	1548	-	624902
2	3	97.3	14	1503	1383	21170
3	1	58.1	14	-	-	214978
4	2	75.7	14	1137	-	408059
5	1	66.3	14	-	-	602526
6	1	66	14	-	-	795780
7	3	96	14	1721	1438	190333
8	2	70.3	14	1536	-	384014
9	2	79	14	1447	-	577607
10	1	54.2	14	-	-	772348
11	3	86.1	14	1244	1890	166528
12	3	89	14	1051	1189	359942
13	1	50.7	14	-	-	554321
14	1	61	14	-	-	748600
15	3	94.6	14	1902	1306	142749
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5524			
Burst	Number of Pulses	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	12	1280	-	360666
2	1	55.3	12	-	-	568695
3	2	76.8	12	1003	-	775415
4	3	85.2	12	1957	1736	127483
5	1	61.6	12	-	-	335396
6	2	72.5	12	1044	-	542612
7	1	51.4	12	-	-	750661
8	3	99.2	12	1983	1670	101982
9	3	87.5	12	1636	1369	308989
10	2	75.5	12	1357	-	516702
11	3	93.5	12	1414	1006	723061
12	2	77.5	12	1958	-	76718
13	1	54.7	12	-	-	284598
14	1	50.6	12	-	-	492206
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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:			10			
Chirp Center Frequency:			5526			Yes
Burst	Number of Pulses	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	65.6	8	-	-	979594
2	3	89.8	8	1917	1475	71716
3	3	95.3	8	1941	1103	361536
4	2	70.1	8	1381	-	652499
5	1	63	8	-	-	943954
6	1	62.1	8	-	-	36125
7	2	70.3	8	1055	-	326497
8	3	87.2	8	1167	1909	615960
9	3	98	8	1852	1029	905759
10	3	96.9	8	1283	1844	323
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5525			Yes
Burst	Number of Pulses	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	88.8	10	1791	1623	241606
2	1	66.1	10	-	-	484528
3	2	81.7	10	1635	-	725304
4	1	61.6	10	-	-	968962
5	2	77.3	10	1930	-	212159
6	1	59.4	10	-	-	454865
7	1	65.3	10	-	-	696950
8	2	81.6	10	1757	-	937169
9	3	84.8	10	1282	1124	182268
10	3	89.9	10	1547	1633	423639
11	3	90.8	10	1402	1273	665074
12	2	73	10	1977	-	907107
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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:			11			
Chirp Center Frequency:			5526			Yes
Burst	Number of Pulses	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	77.4	9	1066	-	166680
2	3	92.7	9	1727	1546	429629
3	2	67.6	9	1011	-	694529
4	1	65.6	9	-	-	959725
5	2	75.6	9	1370	-	134139
6	3	98.2	9	1040	1944	397448
7	2	70.6	9	1254	-	662173
8	1	50.1	9	-	-	926944
9	2	72.9	9	1231	-	101664
10	3	88.6	9	1931	1965	364710
11	3	91.2	9	1641	1738	628466
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5526			Yes
Burst	Number of Pulses	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	69.7	8	1228	-	983288
2	1	63.4	8	-	-	76165
3	1	64.5	8	-	-	366727
4	3	90.8	8	1560	1065	656067
5	2	68.9	8	1023	-	947032
6	3	87.7	8	1401	1100	40298
7	3	99	8	1439	1564	330322
8	2	74.3	8	1079	-	621066
9	2	82.9	8	1964	-	910712
10	1	57.3	8	-	-	4562
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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:			20			
Chirp Center Frequency:			5521			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	80	20	1933	-	147015
2	3	96.5	20	1851	1743	291033
3	3	95.6	20	1710	1532	435379
4	3	90.9	20	1680	1666	579536
5	3	89.9	20	1269	1978	128809
6	2	71.8	20	1698	-	273950
7	2	78	20	1268	-	418848
8	1	60.2	20	-	-	564624
9	1	61.8	20	-	-	111631
10	3	92.7	20	1863	1854	255062
11	1	64.8	20	-	-	401676
12	1	59.8	20	-	-	547143
13	3	92.6	20	1808	1778	93210
14	1	62.4	20	-	-	238884
15	1	52.6	20	-	-	384057
16	1	52.4	20	-	-	529309
17	3	97.4	20	1906	1047	75513
18	3	86.5	20	1105	1745	219952
19	2	72.2	20	1811	-	364994
20	1	66.5	20	-	-	511149

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5525			
Burst	Number of Pulses	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	97.8	10	1683	1141	96519
2	2	73.9	10	1528	-	338451
3	1	50.2	10	-	-	581308
4	2	74.9	10	1570	-	821931
5	1	62	10	-	-	67004
6	3	98.2	10	1486	1026	308460
7	1	62.8	10	-	-	551391
8	2	68.6	10	1578	-	792288
9	3	96.4	10	1008	1148	37088
10	3	94	10	1473	1216	278496
11	3	85.9	10	1408	1352	520174
12	1	65.6	10	-	-	763446
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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	10	1432.66	698	Yes
2	13	1319.26	758	Yes
3	2	1858.74	538	Yes
4	5	1672.24	598	Yes
5	9	1474.93	678	Yes
6	21	1089.32	918	Yes
7	4	1730.10	578	Yes
8	11	1392.76	718	Yes
9	3	1792.11	558	Yes
10	22	1066.10	938	Yes
11	8	1519.76	658	Yes
12	1	1930.50	518	Yes
13	12	1355.01	738	Yes
14	17	1193.32	838	Yes
15	20	1113.59	898	Yes
16		792.39	1262	Yes
17		1219.51	820	Yes
18		409.84	2440	Yes
19		900.09	1111	Yes
20		1242.24	805	Yes
21		367.11	2724	Yes
22		603.86	1656	Yes
23		414.42	2413	Yes
24		628.93	1590	Yes
25		800.64	1249	Yes
26		526.87	1898	Yes
27		398.57	2509	Yes
28		549.45	1820	Yes
29		361.14	2769	Yes
30		631.31	1584	Yes

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	203	Yes
2	28	4.10	153	Yes
3	29	4.90	210	Yes
4	25	2.20	172	Yes
5	29	4.60	170	Yes
6	27	3.80	177	Yes
7	26	3.00	228	Yes
8	26	2.80	209	Yes
9	27	3.80	193	Yes
10	24	2.00	175	Yes
11	26	3.20	171	Yes
12	26	2.80	154	Yes
13	25	2.60	190	Yes
14	24	2.00	162	Yes
15	23	1.20	161	Yes
16	29	4.90	216	Yes
17	26	2.80	199	Yes
18	28	4.50	164	Yes
19	23	1.40	227	Yes
20	29	4.90	176	Yes
21	28	4.20	223	Yes
22	25	2.50	218	Yes
23	27	3.40	173	Yes
24	26	3.00	151	Yes
25	24	1.80	167	Yes
26	25	2.30	165	Yes
27	25	2.20	205	Yes
28	24	1.70	230	Yes
29	29	4.90	187	Yes
30	25	2.30	178	Yes

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	475	Yes
2	18	9.10	314	Yes
3	18	9.90	268	Yes
4	16	7.20	499	Yes
5	18	9.60	493	Yes
6	18	8.80	267	Yes
7	17	8.00	272	Yes
8	17	7.80	494	Yes
9	18	8.80	364	Yes
10	16	7.00	460	Yes
11	17	8.20	397	Yes
12	17	7.80	302	Yes
13	17	7.60	423	Yes
14	16	7.00	383	Yes
15	16	6.20	350	Yes
16	18	9.90	322	Yes
17	17	7.80	451	Yes
18	18	9.50	471	Yes
19	16	6.40	329	Yes
20	18	9.90	320	Yes
21	18	9.20	216	Yes
22	17	7.50	416	Yes
23	17	8.40	400	Yes
24	17	8.00	225	Yes
25	16	6.80	233	Yes
26	16	7.30	404	Yes
27	16	7.20	463	Yes
28	16	6.70	464	Yes
29	18	9.90	449	Yes
30	16	7.30	241	Yes

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	15.30	475	Yes
2	15	18.00	314	Yes
3	16	19.60	268	Yes
4	13	13.70	499	Yes
5	16	19.10	493	Yes
6	15	17.20	267	Yes
7	14	15.50	272	Yes
8	14	15.20	494	Yes
9	15	17.30	364	Yes
10	13	13.30	460	Yes
11	14	16.00	397	Yes
12	14	15.10	302	Yes
13	14	14.60	423	Yes
14	13	13.30	383	Yes
15	12	11.50	350	Yes
16	16	19.80	322	Yes
17	14	15.00	451	No
18	16	18.70	471	Yes
19	12	12.10	329	Yes
20	16	19.70	320	Yes
21	15	18.20	216	No
22	13	14.50	416	Yes
23	15	16.40	400	Yes
24	14	15.40	225	Yes
25	12	12.80	233	Yes
26	13	13.90	404	Yes
27	13	13.70	463	Yes
28	12	12.70	464	Yes
29	16	19.80	449	Yes
30	13	13.90	241	Yes

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	73.8	12	1024	-	614616
2	3	88.7	12	1865	1221	819269
3	3	97.8	12	1018	1284	173954
4	1	64.8	12	-	-	381886
5	3	94.9	12	1351	1238	587396
6	3	84.4	12	1192	1875	794118
7	2	75.1	12	1382	-	148598
8	2	73.2	12	1881	-	355780
9	3	84.7	12	1013	1522	562222
10	1	62.8	12	-	-	771846
11	2	78	12	1256	-	123093
12	2	72.6	12	1125	-	330617
13	2	70	12	1988	-	536879
14	1	63	12	-	-	746063
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Trial Number:			2			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	52.8	17	-	-	76027
2	3	98.7	17	1247	1655	236293
3	2	72.3	17	1722	-	397373
4	3	92.8	17	1502	1320	557735
5	1	56	17	-	-	56102
6	3	98.1	17	1689	1571	216473
7	3	90	17	1233	1362	377056
8	2	69.3	17	1908	-	538877
9	2	80.2	17	1836	-	36154
10	2	74.6	17	1078	-	197190
11	1	59.9	17	-	-	358748
12	1	66	17	-	-	520255
13	1	65.1	17	-	-	16396
14	1	59.6	17	-	-	177699
15	3	98.4	17	1910	1609	337021
16	1	66	17	-	-	500580
17	2	77.7	17	1123	-	660508
18	1	65.5	17	-	-	157837
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	70.7	20	1835	-	286349
2	2	81.4	20	1151	-	431152
3	3	97.6	20	1406	1513	574655
4	3	94.9	20	1091	1184	123753
5	1	51.4	20	-	-	269393
6	3	88.7	20	1204	1130	412964
7	3	99.2	20	1896	1143	556564
8	3	84.2	20	1378	1152	105825
9	3	86.8	20	1534	1961	249939
10	2	79.6	20	1117	-	396158
11	3	88.4	20	1895	1149	539121
12	2	73	20	1166	-	88271
13	1	50	20	-	-	233609
14	1	50.6	20	-	-	378603
15	2	77.9	20	1214	-	522684
16	2	80.2	20	1366	-	70362
17	2	68.2	20	1240	-	215191
18	2	78.5	20	1178	-	360033
19	1	66	20	-	-	506005
20	3	85.1	20	1822	1440	52332

Trial Number:			4			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	3	94.1	9	1329	1349	358975
2	2	72.7	9	1399	-	623143
3	1	50.1	9	-	-	888148
4	1	54.4	9	-	-	63248
5	1	58.5	9	-	-	327581
6	2	73.1	9	1034	-	591273
7	1	54.9	9	-	-	855954
8	2	78.9	9	1493	-	30655
9	2	69.3	9	1804	-	294302
10	1	65.4	9	-	-	559188
11	2	74.8	9	1038	-	822808
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			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	68.6	19	1323	-	628147
2	3	85.1	19	1182	1087	151199
3	1	62.5	19	-	-	304801
4	1	51.8	19	-	-	457139
5	3	88.7	19	1294	1586	607017
6	1	65.4	19	-	-	132856
7	1	57.9	19	-	-	285558
8	3	97.2	19	1506	1180	436537
9	3	83.6	19	1286	1404	589291
10	3	93.6	19	1301	1005	113598
11	2	71.9	19	1205	-	266290
12	1	61.3	19	-	-	419578
13	1	60.4	19	-	-	572314
14	2	81	19	1826	-	95044
15	1	57.1	19	-	-	248184
16	2	74.5	19	1443	-	399933
17	1	59.3	19	-	-	553812
18	3	88.2	19	1239	1823	76116
19	3	84.9	19	1289	1796	227979
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Trial Number:			6			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	3	91.5	16	1720	1190	452050
2	2	69.8	16	1218	-	634340
3	1	50	16	-	-	68443
4	3	92.7	16	1739	1296	249006
5	2	71.4	16	1379	-	430570
6	3	98.1	16	1535	1075	611233
7	2	81.3	16	1297	-	46027
8	3	93.1	16	1819	1927	226423
9	3	86.3	16	1880	1165	407572
10	2	78.4	16	1334	-	589918
11	3	83.8	16	1764	1800	23617
12	2	70.3	16	1542	-	204861
13	1	64.8	16	-	-	386897
14	2	71.3	16	1308	-	567520
15	1	54.7	16	-	-	1386
16	2	69.7	16	1855	-	182386
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			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	88	13	1573	1064	415227
2	3	87.6	13	1380	1706	621967
3	3	98.8	13	1724	1820	827734
4	3	89.2	13	1850	1265	182819
5	1	64.7	13	-	-	391135
6	1	60.2	13	-	-	598409
7	2	81.4	13	1580	-	804585
8	2	82.4	13	1870	-	157576
9	3	91.5	13	1995	1156	363982
10	2	72.2	13	1049	-	572179
11	1	61.3	13	-	-	780949
12	3	89.7	13	1069	1928	131990
13	2	73.5	13	1899	-	339191
14	1	51.4	13	-	-	547484
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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	3	98.6	12	1979	1202	752238
2	3	95.6	12	1892	1530	106486
3	3	90.7	12	1768	1947	313100
4	3	84.4	12	1183	1299	520345
5	2	73.9	12	1010	-	728383
6	1	54.9	12	-	-	81324
7	2	68.6	12	1364	-	288197
8	3	92.4	12	1582	1022	494545
9	3	91.1	12	1111	1632	701226
10	1	53.7	12	-	-	55714
11	1	57.4	12	-	-	263144
12	2	72.4	12	1411	-	469763
13	2	71.7	12	1390	-	677379
14	2	68.8	12	1119	-	30144
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Trial Number:			9			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	3	99.8	16	1059	1479	195094
2	2	73.2	16	1420	-	365747
3	1	57	16	-	-	537152
4	3	90	16	1999	1622	3777
5	1	55.6	16	-	-	174668
6	1	61.2	16	-	-	345557
7	2	69.2	16	1118	-	515323
8	3	87	16	1550	1036	684911
9	1	60.5	16	-	-	153594
10	3	99.1	16	1915	1691	322536
11	2	70.2	16	1760	-	494232
12	2	81.2	16	1424	-	664929
13	3	88.5	16	1936	1298	131922
14	2	67.6	16	1110	-	302793
15	1	51.1	16	-	-	474385
16	3	99.3	16	1684	1916	642206
17	3	86.7	16	1505	1998	110993
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Trial Number:			10			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	3	91.6	9	1084	1807	435575
2	2	69.6	9	1846	-	699408
3	3	84.9	9	1517	1032	962665
4	2	79.8	9	1412	-	139700
5	3	88.3	9	1974	1769	402860
6	2	79.7	9	1508	-	667716
7	2	80.4	9	1007	-	931317
8	3	97.5	9	1529	1644	107011
9	3	99.8	9	1984	1139	370519
10	1	51.1	9	-	-	635514
11	3	95.6	9	1314	1236	898082
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5497			Yes
Burst	Number of Pulses	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	96.5	13	1147	1063	54706
2	3	95	13	1971	1905	247420
3	2	81.8	13	1755	-	440953
4	3	92.4	13	1014	1686	634022
5	3	88.6	13	1185	1248	30875
6	1	62.6	13	-	-	224762
7	2	82.6	13	1177	-	417705
8	2	68.3	13	1212	-	611025
9	1	65.1	13	-	-	7124
10	2	71.4	13	1450	-	200434
11	3	84.1	13	1785	1782	392909
12	1	62.2	13	-	-	587859
13	2	82.2	13	1940	-	780081
14	1	61.6	13	-	-	176850
15	3	85	13	1104	1093	369770
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5496			Yes
Burst	Number of Pulses	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	91.7	12	1893	1419	648682
2	1	64.2	12	-	-	874380
3	3	92.7	12	1656	1651	176123
4	1	66.5	12	-	-	400212
5	1	50.9	12	-	-	623624
6	3	91.3	12	1106	1367	844914
7	3	91.9	12	1975	1645	148516
8	2	67	12	1729	-	371982
9	1	65.9	12	-	-	596122
10	1	52.7	12	-	-	819941
11	3	86.8	12	1545	1448	121271
12	3	89	12	1948	1253	343800
13	1	61.5	12	-	-	568389
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5496			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	93.6	11	1792	1704	789039
2	2	76.7	11	1687	-	93933
3	3	92.6	11	1445	1251	316669
4	1	55.8	11	-	-	540906
5	1	60.1	11	-	-	764839
6	2	73.6	11	1829	-	66424
7	3	90.5	11	1060	1030	289436
8	1	65.6	11	-	-	513463
9	2	67.3	11	1322	-	736170
10	2	77.8	11	1610	-	38949
11	3	92.7	11	1860	1728	261387
12	2	75.9	11	1612	-	484939
13	3	85.1	11	1423	1131	707409
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5495			
Burst	Number of Pulses	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	82.9	9	1765	-	13552
2	3	84.1	9	1824	1318	276863
3	1	65.3	9	-	-	541947
4	1	57.5	9	-	-	806131
5	1	57.4	9	-	-	1070379
6	1	52.6	9	-	-	245288
7	2	68.2	9	1640	-	508881
8	1	53.2	9	-	-	773566
9	3	88	9	1081	1817	1035262
10	1	66.2	9	-	-	212683
11	1	54.7	9	-	-	476912
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5493			
Burst	Number of Pulses	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	83.3	5	1217	-	1018432
2	1	50.1	5	-	-	1383006
3	1	54.3	5	-	-	247837
4	1	54.5	5	-	-	611159
5	2	77.9	5	1695	-	973820
6	1	65.8	5	-	-	1338111
7	3	89.6	5	1088	1987	202667
8	1	51.8	5	-	-	566564
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5499			
Burst	Number of Pulses	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	73.6	20	1339	-	370624
2	2	71.1	20	1606	-	514929
3	2	74.7	20	1426	-	63073
4	3	88.5	20	1597	1120	207317
5	2	78.9	20	1255	-	352536
6	2	78.2	20	1662	-	497319
7	1	52	20	-	-	45361
8	1	58.6	20	-	-	190493
9	2	71.1	20	1042	-	334919
10	2	69.4	20	1942	-	479564
11	2	74.4	20	1737	-	27370
12	3	86.4	20	1452	1206	171780
13	1	50	20	-	-	317717
14	3	90.6	20	1618	1338	460543
15	1	65.9	20	-	-	9568
16	1	58.3	20	-	-	154770
17	1	57.8	20	-	-	300054
18	1	51.7	20	-	-	444809
19	1	58.4	20	-	-	590657
20	3	95.4	20	1588	1140	136123

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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5496			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	84.1	12	1611	1866	432794
2	2	70.7	12	1328	-	656845
3	1	58.3	12	-	-	880815
4	1	55.6	12	-	-	183216
5	1	60.4	12	-	-	406890
6	3	87.8	12	1446	1646	628128
7	2	72.6	12	1098	-	852449
8	1	59.9	12	-	-	155681
9	2	69.3	12	1923	-	378400
10	3	86	12	1677	1458	600845
11	3	87.7	12	1837	1476	823033
12	1	51.4	12	-	-	128090
13	3	88.2	12	1220	1913	350484
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5499			Yes
Burst	Number of Pulses	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	90.9	18	1526	1888	391244
2	1	52.2	18	-	-	545638
3	1	64	18	-	-	68823
4	1	58.2	18	-	-	221555
5	3	95.6	18	1477	1741	372314
6	3	86.4	18	1591	1172	524726
7	2	79.3	18	1871	-	49788
8	1	55.3	18	-	-	202750
9	3	94.1	18	1803	1332	353580
10	3	97.2	18	1333	1263	506580
11	3	83.8	18	1094	1748	31002
12	1	63.5	18	-	-	184015
13	2	79.8	18	1990	-	335806
14	1	54.7	18	-	-	489469
15	3	92.7	18	1657	1330	12250
16	3	84.3	18	1497	1467	164432
17	3	96	18	1650	1603	316493
18	3	96.8	18	1801	1210	468725
19	2	76.2	18	1507	-	622150
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5494			Yes
Burst	Number of Pulses	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	57.4	6	-	-	309163
2	3	94.3	6	1211	1857	630587
3	2	67.7	6	1584	-	954017
4	1	52.8	6	-	-	1278723
5	1	62.7	6	-	-	269550
6	2	69.1	6	1629	-	591885
7	2	78	6	1953	-	914068
8	3	91.2	6	1847	1300	1235203
9	1	55.6	6	-	-	229600
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5499			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	92.1	20	1556	1891	246870
2	3	89.3	20	1937	1951	390991
3	3	85.2	20	1626	1393	536372
4	2	81.8	20	1246	-	85130
5	2	73	20	1981	-	229865
6	3	98.2	20	1963	1386	373480
7	1	59.1	20	-	-	520853
8	3	88.4	20	1092	1083	67167
9	1	51.9	20	-	-	212582
10	1	50.1	20	-	-	358023
11	1	62.2	20	-	-	502930
12	1	65.3	20	-	-	49542
13	2	79.1	20	1485	-	194381
14	3	90.1	20	1504	1849	338029
15	3	90	20	1862	1602	482539
16	2	73.6	20	1154	-	31646
17	2	74.5	20	1174	-	176390
18	3	92.1	20	1355	1759	320124
19	2	80.7	20	1898	-	465961
20	2	83	20	1519	-	13769

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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5562			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	79.9	17	1839	-	176210
2	2	75.7	17	1648	-	337365
3	2	73.3	17	1483	-	498406
4	3	89.2	17	1499	1337	657749
5	1	61.5	17	-	-	156710
6	3	94	17	1929	1701	316531
7	3	94	17	1767	1730	476576
8	2	73.1	17	1230	-	639346
9	3	99.4	17	1276	1664	136392
10	1	51.2	17	-	-	298227
11	3	89.2	17	1758	1555	457227
12	2	67.6	17	1840	-	619049
13	3	95.3	17	1872	1805	116406
14	2	73.7	17	1235	-	277662
15	1	63.2	17	-	-	439896
16	1	54.7	17	-	-	601455
17	1	62	17	-	-	97226
18	1	51.9	17	-	-	258590
19						
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5564			
Burst	Number of Pulses	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	90.6	11	1126	1976	579878
2	2	81.6	11	1427	-	803537
3	3	95.6	11	1858	1009	106775
4	1	54.3	11	-	-	330772
5	2	82.3	11	1699	-	553090
6	3	95.9	11	1784	1109	774918
7	3	84.5	11	1097	1208	79388
8	1	60.8	11	-	-	303070
9	2	78.4	11	1761	-	525528
10	1	54.2	11	-	-	750366
11	2	77.8	11	1429	-	51979
12	2	79.3	11	1674	-	275105
13	3	88.2	11	1734	1394	497583
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5563			
Burst	Number of Pulses	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	14	1548	-	624902
2	3	97.3	14	1503	1383	21170
3	1	58.1	14	-	-	214978
4	2	75.7	14	1137	-	408059
5	1	66.3	14	-	-	602526
6	1	66	14	-	-	795780
7	3	96	14	1721	1438	190333
8	2	70.3	14	1536	-	384014
9	2	79	14	1447	-	577607
10	1	54.2	14	-	-	772348
11	3	86.1	14	1244	1890	166528
12	3	89	14	1051	1189	359942
13	1	50.7	14	-	-	554321
14	1	61	14	-	-	748600
15	3	94.6	14	1902	1306	142749
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5564			
Burst	Number of Pulses	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	12	1280	-	360666
2	1	55.3	12	-	-	568695
3	2	76.8	12	1003	-	775415
4	3	85.2	12	1957	1736	127483
5	1	61.6	12	-	-	335396
6	2	72.5	12	1044	-	542612
7	1	51.4	12	-	-	750661
8	3	99.2	12	1983	1670	101982
9	3	87.5	12	1636	1369	308989
10	2	75.5	12	1357	-	516702
11	3	93.5	12	1414	1006	723061
12	2	77.5	12	1958	-	76718
13	1	54.7	12	-	-	284598
14	1	50.6	12	-	-	492206
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5565			Yes
Burst	Number of Pulses	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	65.6	8	-	-	979594
2	3	89.8	8	1917	1475	71716
3	3	95.3	8	1941	1103	361536
4	2	70.1	8	1381	-	652499
5	1	63	8	-	-	943954
6	1	62.1	8	-	-	36125
7	2	70.3	8	1055	-	326497
8	3	87.2	8	1167	1909	615960
9	3	98	8	1852	1029	905759
10	3	96.9	8	1283	1844	323
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5565			Yes
Burst	Number of Pulses	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	88.8	10	1791	1623	241606
2	1	66.1	10	-	-	484528
3	2	81.7	10	1635	-	725304
4	1	61.6	10	-	-	968962
5	2	77.3	10	1930	-	212159
6	1	59.4	10	-	-	454865
7	1	65.3	10	-	-	696950
8	2	81.6	10	1757	-	937169
9	3	84.8	10	1282	1124	182268
10	3	89.9	10	1547	1633	423639
11	3	90.8	10	1402	1273	665074
12	2	73	10	1977	-	907107
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5565			Yes
Burst	Number of Pulses	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	77.4	9	1066	-	166680
2	3	92.7	9	1727	1546	429629
3	2	67.6	9	1011	-	694529
4	1	65.6	9	-	-	959725
5	2	75.6	9	1370	-	134139
6	3	98.2	9	1040	1944	397448
7	2	70.6	9	1254	-	662173
8	1	50.1	9	-	-	926944
9	2	72.9	9	1231	-	101664
10	3	88.6	9	1931	1965	364710
11	3	91.2	9	1641	1738	628466
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5565			Yes
Burst	Number of Pulses	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	69.7	8	1228	-	983288
2	1	63.4	8	-	-	76165
3	1	64.5	8	-	-	366727
4	3	90.8	8	1560	1065	656067
5	2	68.9	8	1023	-	947032
6	3	87.7	8	1401	1100	40298
7	3	99	8	1439	1564	330322
8	2	74.3	8	1079	-	621066
9	2	82.9	8	1964	-	910712
10	1	57.3	8	-	-	4562
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5561			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	80	20	1933	-	147015
2	3	96.5	20	1851	1743	291033
3	3	95.6	20	1710	1532	435379
4	3	90.9	20	1680	1666	579536
5	3	89.9	20	1269	1978	128809
6	2	71.8	20	1698	-	273950
7	2	78	20	1268	-	418848
8	1	60.2	20	-	-	564624
9	1	61.8	20	-	-	111631
10	3	92.7	20	1863	1854	255062
11	1	64.8	20	-	-	401676
12	1	59.8	20	-	-	547143
13	3	92.6	20	1808	1778	93210
14	1	62.4	20	-	-	238884
15	1	52.6	20	-	-	384057
16	1	52.4	20	-	-	529309
17	3	97.4	20	1906	1047	75513
18	3	86.5	20	1105	1745	219952
19	2	72.2	20	1811	-	364994
20	1	66.5	20	-	-	511149

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5565			
Burst	Number of Pulses	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	97.8	10	1683	1141	96519
2	2	73.9	10	1528	-	338451
3	1	50.2	10	-	-	581308
4	2	74.9	10	1570	-	821931
5	1	62	10	-	-	67004
6	3	98.2	10	1486	1026	308460
7	1	62.8	10	-	-	551391
8	2	68.6	10	1578	-	792288
9	3	96.4	10	1008	1148	37088
10	3	94	10	1473	1216	278496
11	3	85.9	10	1408	1352	520174
12	1	65.6	10	-	-	763446
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DFS Radar Parameters
FCC Radar Type 1
Channel 114 Bandwidth 160MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	10	1432.66	698	Yes
2	13	1319.26	758	Yes
3	2	1858.74	538	Yes
4	5	1672.24	598	Yes
5	9	1474.93	678	Yes
6	21	1089.32	918	Yes
7	4	1730.10	578	Yes
8	11	1392.76	718	Yes
9	3	1792.11	558	Yes
10	22	1066.10	938	Yes
11	8	1519.76	658	Yes
12	1	1930.50	518	Yes
13	12	1355.01	738	Yes
14	17	1193.32	838	Yes
15	20	1113.59	898	Yes
16		792.39	1262	Yes
17		1219.51	820	Yes
18		409.84	2440	Yes
19		900.09	1111	Yes
20		1242.24	805	Yes
21		367.11	2724	Yes
22		603.86	1656	Yes
23		414.42	2413	Yes
24		628.93	1590	Yes
25		800.64	1249	Yes
26		526.87	1898	Yes
27		398.57	2509	Yes
28		549.45	1820	Yes
29		361.14	2769	Yes
30		631.31	1584	Yes

DFS Radar Parameters
FCC Radar Type 2
Channel 114 Bandwidth 160MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	26	2.90	203	Yes
2	28	4.10	153	Yes
3	29	4.90	210	Yes
4	25	2.20	172	Yes
5	29	4.60	170	Yes
6	27	3.80	177	Yes
7	26	3.00	228	Yes
8	26	2.80	209	Yes
9	27	3.80	193	Yes
10	24	2.00	175	Yes
11	26	3.20	171	Yes
12	26	2.80	154	Yes
13	25	2.60	190	Yes
14	24	2.00	162	Yes
15	23	1.20	161	Yes
16	29	4.90	216	Yes
17	26	2.80	199	Yes
18	28	4.50	164	Yes
19	23	1.40	227	Yes
20	29	4.90	176	Yes
21	28	4.20	223	Yes
22	25	2.50	218	Yes
23	27	3.40	173	Yes
24	26	3.00	151	Yes
25	24	1.80	167	Yes
26	25	2.30	165	Yes
27	25	2.20	205	Yes
28	24	1.70	230	Yes
29	29	4.90	187	Yes
30	25	2.30	178	Yes

DFS Radar Parameters
FCC Radar Type 3
Channel 114 Bandwidth 160MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	7.90	475	Yes
2	18	9.10	314	Yes
3	18	9.90	268	Yes
4	16	7.20	499	Yes
5	18	9.60	493	Yes
6	18	8.80	267	Yes
7	17	8.00	272	Yes
8	17	7.80	494	Yes
9	18	8.80	364	Yes
10	16	7.00	460	Yes
11	17	8.20	397	Yes
12	17	7.80	302	Yes
13	17	7.60	423	Yes
14	16	7.00	383	Yes
15	16	6.20	350	Yes
16	18	9.90	322	Yes
17	17	7.80	451	Yes
18	18	9.50	471	Yes
19	16	6.40	329	Yes
20	18	9.90	320	Yes
21	18	9.20	216	Yes
22	17	7.50	416	Yes
23	17	8.40	400	Yes
24	17	8.00	225	Yes
25	16	6.80	233	Yes
26	16	7.30	404	Yes
27	16	7.20	463	Yes
28	16	6.70	464	Yes
29	18	9.90	449	Yes
30	16	7.30	241	Yes

DFS Radar Parameters
FCC Radar Type 4
Channel 114 Bandwidth 160MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.30	475	Yes
2	15	18.00	314	Yes
3	16	19.60	268	Yes
4	13	13.70	499	Yes
5	16	19.10	493	Yes
6	15	17.20	267	Yes
7	14	15.50	272	Yes
8	14	15.20	494	Yes
9	15	17.30	364	Yes
10	13	13.30	460	Yes
11	14	16.00	397	Yes
12	14	15.10	302	Yes
13	14	14.60	423	Yes
14	13	13.30	383	Yes
15	12	11.50	350	Yes
16	16	19.80	322	Yes
17	14	15.00	451	Yes
18	16	18.70	471	Yes
19	12	12.10	329	Yes
20	16	19.70	320	Yes
21	15	18.20	216	Yes
22	13	14.50	416	Yes
23	15	16.40	400	Yes
24	14	15.40	225	Yes
25	12	12.80	233	No
26	13	13.90	404	Yes
27	13	13.70	463	Yes
28	12	12.70	464	Yes
29	16	19.80	449	Yes
30	13	13.90	241	Yes

DFS Radar Parameters
FCC Radar Type 5
Channel 114 Bandwidth 160MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	73.8	12	1024	-	614616
2	3	88.7	12	1865	1221	819269
3	3	97.8	12	1018	1284	173954
4	1	64.8	12	-	-	381886
5	3	94.9	12	1351	1238	587396
6	3	84.4	12	1192	1875	794118
7	2	75.1	12	1382	-	148598
8	2	73.2	12	1881	-	355780
9	3	84.7	12	1013	1522	562222
10	1	62.8	12	-	-	771846
11	2	78	12	1256	-	123093
12	2	72.6	12	1125	-	330617
13	2	70	12	1988	-	536879
14	1	63	12	-	-	746063
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	52.8	17	-	-	76027
2	3	98.7	17	1247	1655	236293
3	2	72.3	17	1722	-	397373
4	3	92.8	17	1502	1320	557735
5	1	56	17	-	-	56102
6	3	98.1	17	1689	1571	216473
7	3	90	17	1233	1362	377056
8	2	69.3	17	1908	-	538877
9	2	80.2	17	1836	-	36154
10	2	74.6	17	1078	-	197190
11	1	59.9	17	-	-	358748
12	1	66	17	-	-	520255
13	1	65.1	17	-	-	16396
14	1	59.6	17	-	-	177699
15	3	98.4	17	1910	1609	337021
16	1	66	17	-	-	500580
17	2	77.7	17	1123	-	660508
18	1	65.5	17	-	-	157837
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DFS Radar Parameters
FCC Radar Type 5
Channel 114 Bandwidth 160MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	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	70.7	20	1835	-	286349
2	2	81.4	20	1151	-	431152
3	3	97.6	20	1406	1513	574655
4	3	94.9	20	1091	1184	123753
5	1	51.4	20	-	-	269393
6	3	88.7	20	1204	1130	412964
7	3	99.2	20	1896	1143	556564
8	3	84.2	20	1378	1152	105825
9	3	86.8	20	1534	1961	249939
10	2	79.6	20	1117	-	396158
11	3	88.4	20	1895	1149	539121
12	2	73	20	1166	-	88271
13	1	50	20	-	-	233609
14	1	50.6	20	-	-	378603
15	2	77.9	20	1214	-	522684
16	2	80.2	20	1366	-	70362
17	2	68.2	20	1240	-	215191
18	2	78.5	20	1178	-	360033
19	1	66	20	-	-	506005
20	3	85.1	20	1822	1440	52332

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	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	94.1	9	1329	1349	358975
2	2	72.7	9	1399	-	623143
3	1	50.1	9	-	-	888148
4	1	54.4	9	-	-	63248
5	1	58.5	9	-	-	327581
6	2	73.1	9	1034	-	591273
7	1	54.9	9	-	-	855954
8	2	78.9	9	1493	-	30655
9	2	69.3	9	1804	-	294302
10	1	65.4	9	-	-	559188
11	2	74.8	9	1038	-	822808
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DFS Radar Parameters
FCC Radar Type 5
Channel 114 Bandwidth 160MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	68.6	19	1323	-	628147
2	3	85.1	19	1182	1087	151199
3	1	62.5	19	-	-	304801
4	1	51.8	19	-	-	457139
5	3	88.7	19	1294	1586	607017
6	1	65.4	19	-	-	132856
7	1	57.9	19	-	-	285558
8	3	97.2	19	1506	1180	436537
9	3	83.6	19	1286	1404	589291
10	3	93.6	19	1301	1005	113598
11	2	71.9	19	1205	-	266290
12	1	61.3	19	-	-	419578
13	1	60.4	19	-	-	572314
14	2	81	19	1826	-	95044
15	1	57.1	19	-	-	248184
16	2	74.5	19	1443	-	399933
17	1	59.3	19	-	-	553812
18	3	88.2	19	1239	1823	76116
19	3	84.9	19	1289	1796	227979
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	91.5	16	1720	1190	452050
2	2	69.8	16	1218	-	634340
3	1	50	16	-	-	68443
4	3	92.7	16	1739	1296	249006
5	2	71.4	16	1379	-	430570
6	3	98.1	16	1535	1075	611233
7	2	81.3	16	1297	-	46027
8	3	93.1	16	1819	1927	226423
9	3	86.3	16	1880	1165	407572
10	2	78.4	16	1334	-	589918
11	3	83.8	16	1764	1800	23617
12	2	70.3	16	1542	-	204861
13	1	64.8	16	-	-	386897
14	2	71.3	16	1308	-	567520
15	1	54.7	16	-	-	1386
16	2	69.7	16	1855	-	182386
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DFS Radar Parameters
FCC Radar Type 5
Channel 114 Bandwidth 160MHz

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	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	88	13	1573	1064	415227
2	3	87.6	13	1380	1706	621967
3	3	98.8	13	1724	1820	827734
4	3	89.2	13	1850	1265	182819
5	1	64.7	13	-	-	391135
6	1	60.2	13	-	-	598409
7	2	81.4	13	1580	-	804585
8	2	82.4	13	1870	-	157576
9	3	91.5	13	1995	1156	363982
10	2	72.2	13	1049	-	572179
11	1	61.3	13	-	-	780949
12	3	89.7	13	1069	1928	131990
13	2	73.5	13	1899	-	339191
14	1	51.4	13	-	-	547484
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	98.6	12	1979	1202	752238
2	3	95.6	12	1892	1530	106486
3	3	90.7	12	1768	1947	313100
4	3	84.4	12	1183	1299	520345
5	2	73.9	12	1010	-	728383
6	1	54.9	12	-	-	81324
7	2	68.6	12	1364	-	288197
8	3	92.4	12	1582	1022	494545
9	3	91.1	12	1111	1632	701226
10	1	53.7	12	-	-	55714
11	1	57.4	12	-	-	263144
12	2	72.4	12	1411	-	469763
13	2	71.7	12	1390	-	677379
14	2	68.8	12	1119	-	30144
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DFS Radar Parameters
FCC Radar Type 5
Channel 114 Bandwidth 160MHz

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	99.8	16	1059	1479	195094
2	2	73.2	16	1420	-	365747
3	1	57	16	-	-	537152
4	3	90	16	1999	1622	3777
5	1	55.6	16	-	-	174668
6	1	61.2	16	-	-	345557
7	2	69.2	16	1118	-	515323
8	3	87	16	1550	1036	684911
9	1	60.5	16	-	-	153594
10	3	99.1	16	1915	1691	322536
11	2	70.2	16	1760	-	494232
12	2	81.2	16	1424	-	664929
13	3	88.5	16	1936	1298	131922
14	2	67.6	16	1110	-	302793
15	1	51.1	16	-	-	474385
16	3	99.3	16	1684	1916	642206
17	3	86.7	16	1505	1998	110993
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	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	9	1084	1807	435575
2	2	69.6	9	1846	-	699408
3	3	84.9	9	1517	1032	962665
4	2	79.8	9	1412	-	139700
5	3	88.3	9	1974	1769	402860
6	2	79.7	9	1508	-	667716
7	2	80.4	9	1007	-	931317
8	3	97.5	9	1529	1644	107011
9	3	99.8	9	1984	1139	370519
10	1	51.1	9	-	-	635514
11	3	95.6	9	1314	1236	898082
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DFS Radar Parameters
FCC Radar Type 5
Channel 114 Bandwidth 160MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5497			Yes
Burst	Number of Pulses	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	96.5	13	1147	1063	54706
2	3	95	13	1971	1905	247420
3	2	81.8	13	1755	-	440953
4	3	92.4	13	1014	1686	634022
5	3	88.6	13	1185	1248	30875
6	1	62.6	13	-	-	224762
7	2	82.6	13	1177	-	417705
8	2	68.3	13	1212	-	611025
9	1	65.1	13	-	-	7124
10	2	71.4	13	1450	-	200434
11	3	84.1	13	1785	1782	392909
12	1	62.2	13	-	-	587859
13	2	82.2	13	1940	-	780081
14	1	61.6	13	-	-	176850
15	3	85	13	1104	1093	369770
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5497			Yes
Burst	Number of Pulses	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	91.7	12	1893	1419	648682
2	1	64.2	12	-	-	874380
3	3	92.7	12	1656	1651	176123
4	1	66.5	12	-	-	400212
5	1	50.9	12	-	-	623624
6	3	91.3	12	1106	1367	844914
7	3	91.9	12	1975	1645	148516
8	2	67	12	1729	-	371982
9	1	65.9	12	-	-	596122
10	1	52.7	12	-	-	819941
11	3	86.8	12	1545	1448	121271
12	3	89	12	1948	1253	343800
13	1	61.5	12	-	-	568389
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DFS Radar Parameters
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Channel 114 Bandwidth 160MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5496			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	93.6	11	1792	1704	789039
2	2	76.7	11	1687	-	93933
3	3	92.6	11	1445	1251	316669
4	1	55.8	11	-	-	540906
5	1	60.1	11	-	-	764839
6	2	73.6	11	1829	-	66424
7	3	90.5	11	1060	1030	289436
8	1	65.6	11	-	-	513463
9	2	67.3	11	1322	-	736170
10	2	77.8	11	1610	-	38949
11	3	92.7	11	1860	1728	261387
12	2	75.9	11	1612	-	484939
13	3	85.1	11	1423	1131	707409
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5496			Yes
Burst	Number of Pulses	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	82.9	9	1765	-	13552
2	3	84.1	9	1824	1318	276863
3	1	65.3	9	-	-	541947
4	1	57.5	9	-	-	806131
5	1	57.4	9	-	-	1070379
6	1	52.6	9	-	-	245288
7	2	68.2	9	1640	-	508881
8	1	53.2	9	-	-	773566
9	3	88	9	1081	1817	1035262
10	1	66.2	9	-	-	212683
11	1	54.7	9	-	-	476912
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5494			Yes
Burst	Number of Pulses	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	83.3	5	1217	-	1018432
2	1	50.1	5	-	-	1383006
3	1	54.3	5	-	-	247837
4	1	54.5	5	-	-	611159
5	2	77.9	5	1695	-	973820
6	1	65.8	5	-	-	1338111
7	3	89.6	5	1088	1987	202667
8	1	51.8	5	-	-	566564
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	73.6	20	1339	-	370624
2	2	71.1	20	1606	-	514929
3	2	74.7	20	1426	-	63073
4	3	88.5	20	1597	1120	207317
5	2	78.9	20	1255	-	352536
6	2	78.2	20	1662	-	497319
7	1	52	20	-	-	45361
8	1	58.6	20	-	-	190493
9	2	71.1	20	1042	-	334919
10	2	69.4	20	1942	-	479564
11	2	74.4	20	1737	-	27370
12	3	86.4	20	1452	1206	171780
13	1	50	20	-	-	317717
14	3	90.6	20	1618	1338	460543
15	1	65.9	20	-	-	9568
16	1	58.3	20	-	-	154770
17	1	57.8	20	-	-	300054
18	1	51.7	20	-	-	444809
19	1	58.4	20	-	-	590657
20	3	95.4	20	1588	1140	136123

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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5497			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	84.1	12	1611	1866	432794
2	2	70.7	12	1328	-	656845
3	1	58.3	12	-	-	880815
4	1	55.6	12	-	-	183216
5	1	60.4	12	-	-	406890
6	3	87.8	12	1446	1646	628128
7	2	72.6	12	1098	-	852449
8	1	59.9	12	-	-	155681
9	2	69.3	12	1923	-	378400
10	3	86	12	1677	1458	600845
11	3	87.7	12	1837	1476	823033
12	1	51.4	12	-	-	128090
13	3	88.2	12	1220	1913	350484
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5499			Yes
Burst	Number of Pulses	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	90.9	18	1526	1888	391244
2	1	52.2	18	-	-	545638
3	1	64	18	-	-	68823
4	1	58.2	18	-	-	221555
5	3	95.6	18	1477	1741	372314
6	3	86.4	18	1591	1172	524726
7	2	79.3	18	1871	-	49788
8	1	55.3	18	-	-	202750
9	3	94.1	18	1803	1332	353580
10	3	97.2	18	1333	1263	506580
11	3	83.8	18	1094	1748	31002
12	1	63.5	18	-	-	184015
13	2	79.8	18	1990	-	335806
14	1	54.7	18	-	-	489469
15	3	92.7	18	1657	1330	12250
16	3	84.3	18	1497	1467	164432
17	3	96	18	1650	1603	316493
18	3	96.8	18	1801	1210	468725
19	2	76.2	18	1507	-	622150
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DFS Radar Parameters
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5494			
Burst	Number of Pulses	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	57.4	6	-	-	309163
2	3	94.3	6	1211	1857	630587
3	2	67.7	6	1584	-	954017
4	1	52.8	6	-	-	1278723
5	1	62.7	6	-	-	269550
6	2	69.1	6	1629	-	591885
7	2	78	6	1953	-	914068
8	3	91.2	6	1847	1300	1235203
9	1	55.6	6	-	-	229600
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5500			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	92.1	20	1556	1891	246870
2	3	89.3	20	1937	1951	390991
3	3	85.2	20	1626	1393	536372
4	2	81.8	20	1246	-	85130
5	2	73	20	1981	-	229865
6	3	98.2	20	1963	1386	373480
7	1	59.1	20	-	-	520853
8	3	88.4	20	1092	1083	67167
9	1	51.9	20	-	-	212582
10	1	50.1	20	-	-	358023
11	1	62.2	20	-	-	502930
12	1	65.3	20	-	-	49542
13	2	79.1	20	1485	-	194381
14	3	90.1	20	1504	1849	338029
15	3	90	20	1862	1602	482539
16	2	73.6	20	1154	-	31646
17	2	74.5	20	1174	-	176390
18	3	92.1	20	1355	1759	320124
19	2	80.7	20	1898	-	465961
20	2	83	20	1519	-	13769

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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5641			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	79.9	17	1839	-	176210
2	2	75.7	17	1648	-	337365
3	2	73.3	17	1483	-	498406
4	3	89.2	17	1499	1337	657749
5	1	61.5	17	-	-	156710
6	3	94	17	1929	1701	316531
7	3	94	17	1767	1730	476576
8	2	73.1	17	1230	-	639346
9	3	99.4	17	1276	1664	136392
10	1	51.2	17	-	-	298227
11	3	89.2	17	1758	1555	457227
12	2	67.6	17	1840	-	619049
13	3	95.3	17	1872	1805	116406
14	2	73.7	17	1235	-	277662
15	1	63.2	17	-	-	439896
16	1	54.7	17	-	-	601455
17	1	62	17	-	-	97226
18	1	51.9	17	-	-	258590
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5644			
Burst	Number of Pulses	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	90.6	11	1126	1976	579878
2	2	81.6	11	1427	-	803537
3	3	95.6	11	1858	1009	106775
4	1	54.3	11	-	-	330772
5	2	82.3	11	1699	-	553090
6	3	95.9	11	1784	1109	774918
7	3	84.5	11	1097	1208	79388
8	1	60.8	11	-	-	303070
9	2	78.4	11	1761	-	525528
10	1	54.2	11	-	-	750366
11	2	77.8	11	1429	-	51979
12	2	79.3	11	1674	-	275105
13	3	88.2	11	1734	1394	497583
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5642			
Burst	Number of Pulses	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	14	1548	-	624902
2	3	97.3	14	1503	1383	21170
3	1	58.1	14	-	-	214978
4	2	75.7	14	1137	-	408059
5	1	66.3	14	-	-	602526
6	1	66	14	-	-	795780
7	3	96	14	1721	1438	190333
8	2	70.3	14	1536	-	384014
9	2	79	14	1447	-	577607
10	1	54.2	14	-	-	772348
11	3	86.1	14	1244	1890	166528
12	3	89	14	1051	1189	359942
13	1	50.7	14	-	-	554321
14	1	61	14	-	-	748600
15	3	94.6	14	1902	1306	142749
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5643			
Burst	Number of Pulses	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	12	1280	-	360666
2	1	55.3	12	-	-	568695
3	2	76.8	12	1003	-	775415
4	3	85.2	12	1957	1736	127483
5	1	61.6	12	-	-	335396
6	2	72.5	12	1044	-	542612
7	1	51.4	12	-	-	750661
8	3	99.2	12	1983	1670	101982
9	3	87.5	12	1636	1369	308989
10	2	75.5	12	1357	-	516702
11	3	93.5	12	1414	1006	723061
12	2	77.5	12	1958	-	76718
13	1	54.7	12	-	-	284598
14	1	50.6	12	-	-	492206
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DFS Radar Parameters
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5645			Yes
Burst	Number of Pulses	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	65.6	8	-	-	979594
2	3	89.8	8	1917	1475	71716
3	3	95.3	8	1941	1103	361536
4	2	70.1	8	1381	-	652499
5	1	63	8	-	-	943954
6	1	62.1	8	-	-	36125
7	2	70.3	8	1055	-	326497
8	3	87.2	8	1167	1909	615960
9	3	98	8	1852	1029	905759
10	3	96.9	8	1283	1844	323
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5644			Yes
Burst	Number of Pulses	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	88.8	10	1791	1623	241606
2	1	66.1	10	-	-	484528
3	2	81.7	10	1635	-	725304
4	1	61.6	10	-	-	968962
5	2	77.3	10	1930	-	212159
6	1	59.4	10	-	-	454865
7	1	65.3	10	-	-	696950
8	2	81.6	10	1757	-	937169
9	3	84.8	10	1282	1124	182268
10	3	89.9	10	1547	1633	423639
11	3	90.8	10	1402	1273	665074
12	2	73	10	1977	-	907107
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Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5644			
Burst	Number of Pulses	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	77.4	9	1066	-	166680
2	3	92.7	9	1727	1546	429629
3	2	67.6	9	1011	-	694529
4	1	65.6	9	-	-	959725
5	2	75.6	9	1370	-	134139
6	3	98.2	9	1040	1944	397448
7	2	70.6	9	1254	-	662173
8	1	50.1	9	-	-	926944
9	2	72.9	9	1231	-	101664
10	3	88.6	9	1931	1965	364710
11	3	91.2	9	1641	1738	628466
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5645			
Burst	Number of Pulses	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	69.7	8	1228	-	983288
2	1	63.4	8	-	-	76165
3	1	64.5	8	-	-	366727
4	3	90.8	8	1560	1065	656067
5	2	68.9	8	1023	-	947032
6	3	87.7	8	1401	1100	40298
7	3	99	8	1439	1564	330322
8	2	74.3	8	1079	-	621066
9	2	82.9	8	1964	-	910712
10	1	57.3	8	-	-	4562
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Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5640			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	80	20	1933	-	147015
2	3	96.5	20	1851	1743	291033
3	3	95.6	20	1710	1532	435379
4	3	90.9	20	1680	1666	579536
5	3	89.9	20	1269	1978	128809
6	2	71.8	20	1698	-	273950
7	2	78	20	1268	-	418848
8	1	60.2	20	-	-	564624
9	1	61.8	20	-	-	111631
10	3	92.7	20	1863	1854	255062
11	1	64.8	20	-	-	401676
12	1	59.8	20	-	-	547143
13	3	92.6	20	1808	1778	93210
14	1	62.4	20	-	-	238884
15	1	52.6	20	-	-	384057
16	1	52.4	20	-	-	529309
17	3	97.4	20	1906	1047	75513
18	3	86.5	20	1105	1745	219952
19	2	72.2	20	1811	-	364994
20	1	66.5	20	-	-	511149

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5644			Yes
Burst	Number of Pulses	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	97.8	10	1683	1141	96519
2	2	73.9	10	1528	-	338451
3	1	50.2	10	-	-	581308
4	2	74.9	10	1570	-	821931
5	1	62	10	-	-	67004
6	3	98.2	10	1486	1026	308460
7	1	62.8	10	-	-	551391
8	2	68.6	10	1578	-	792288
9	3	96.4	10	1008	1148	37088
10	3	94	10	1473	1216	278496
11	3	85.9	10	1408	1352	520174
12	1	65.6	10	-	-	763446
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