



FCC DFS TEST REPORT

FCC ID : TVE-240604
Equipment : Network Security Gateway
Brand Name : FORTINET
Model Name : FortiWiFi 70Gxxxxxxxxxx, FORTIWIFI-70Gxxxxxxxxxx,
FWF-70Gxxxxxxxxxx,
FortiWiFi 71Gxxxxxxxxxx, FORTIWIFI-71Gxxxxxxxxxx,
FWF-71Gxxxxxxxxxx,
(where "x" can be used as "0-9", or "A-Z", 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 Jul. 12, 2024 and testing was performed from Jul. 12, 2024 to Jul. 16, 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 of 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
FZ240710001	01	Initial issue of report	Aug. 01, 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	Network Security Gateway
Model Name	FortiWiFi 70Gxxxxxxxxx, FORTIWIFI-70Gxxxxxxxxx, FWF-70Gxxxxxxxxx, FortiWiFi 71Gxxxxxxxxx, FORTIWIFI-71Gxxxxxxxxx, FWF-71Gxxxxxxxxx, (where "x" can be used as "0-9", or "A-Z", 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 subjective to this standard	
DFS Function	Master
Tx/Rx Channel Frequency Range	5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
EUT support WLAN function	802.11 a/n HT20/HT40 802.11 ac VHT20/VHT40/VHT80 802.11 ax HE20/HE40/HE80
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) 802.11 ax : OFDMA (BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM)

Remark:

- For other wireless features of this EUT, test report will be issued separately.
- The EUT's information mentioned above is declared by the manufacturer.

Antenna Information						
Ant.	Port.	Brand	Model Name	Antenna Type	Connector	Support
1	1	WIESON	ARY118-0047-001-00	Dipole Antenna	SMA	2.4G+5G
2	2	WIESON	ARY118-0047-001-00	Dipole Antenna	SMA	2.4G+5G
3	3	WIESON	ARY118-0047-001-00	Dipole Antenna	SMA	5G

Gain (dBi)				Remark
Ant.	Port.	Band 2	Band 3	
1	1	2.60	2.01	2.4G+5G Tx/Rx
2	2	2.60	2.01	2.4G+5G Tx/Rx
3	3	2.60	2.01	RX only

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

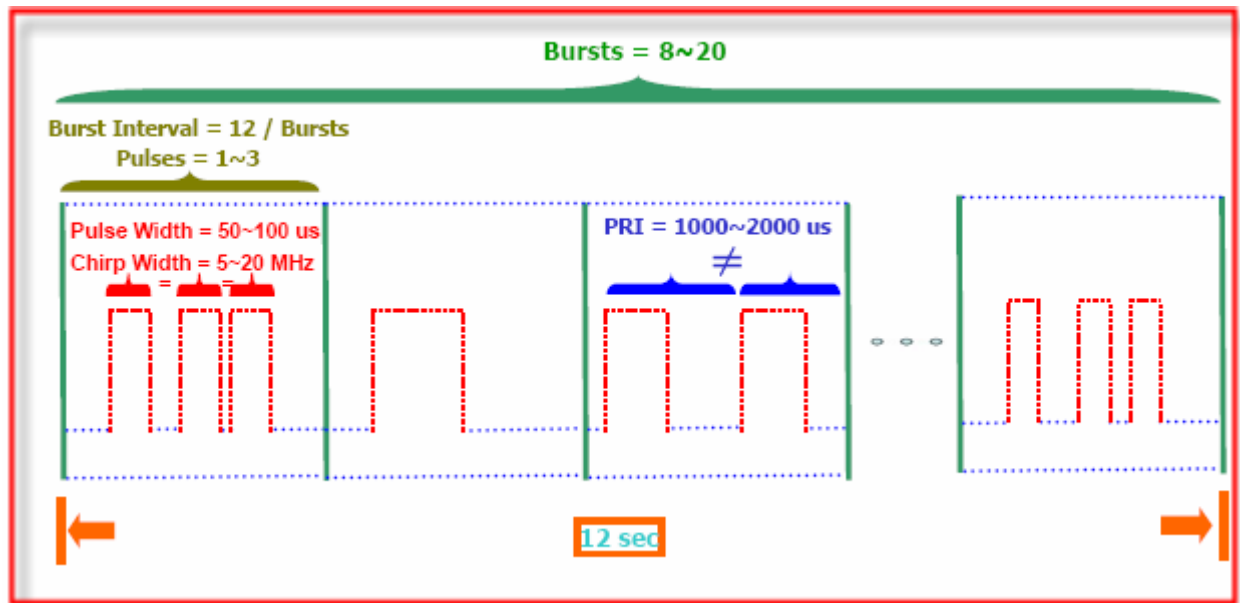
The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse radar test signal. If more than 30 waveforms are used for the Long Pulse radar test signal, then each additional waveform must also be unique and not repeated from the previous waveforms. Each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

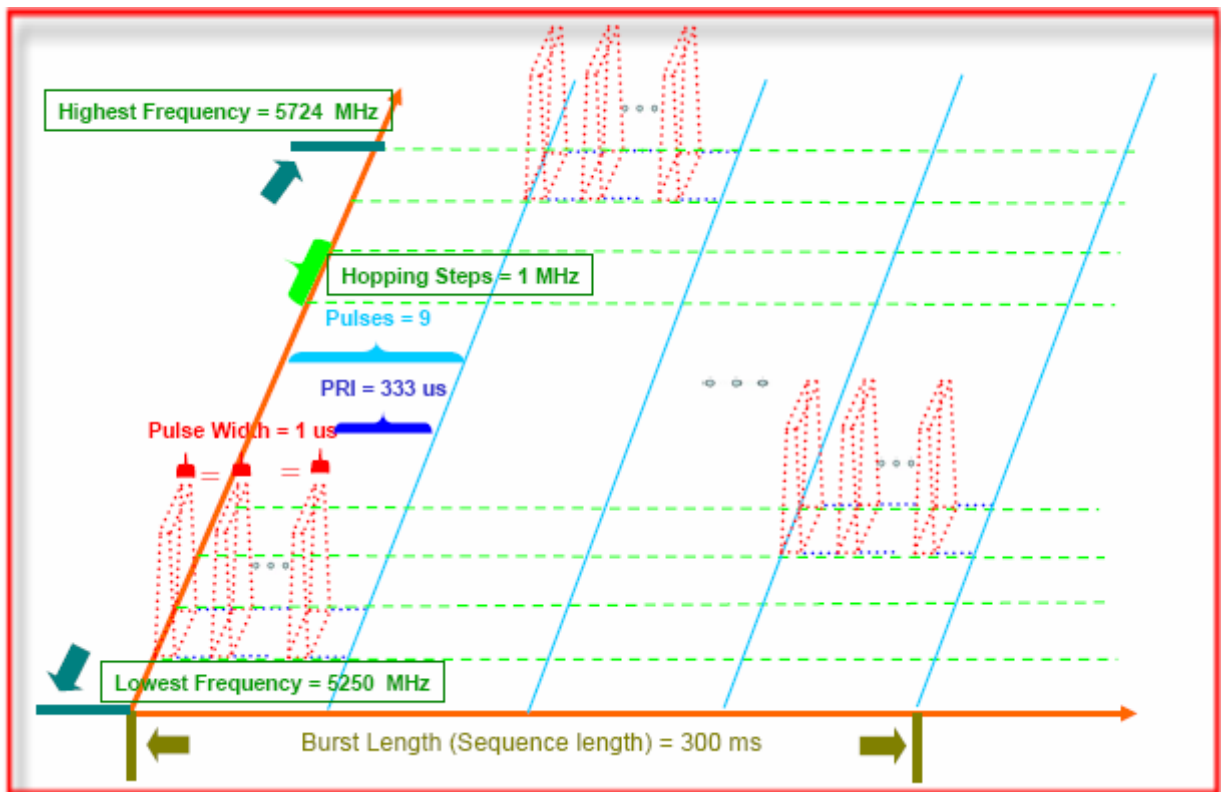


2.7 Frequency Hopping Radar Test Waveform

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.



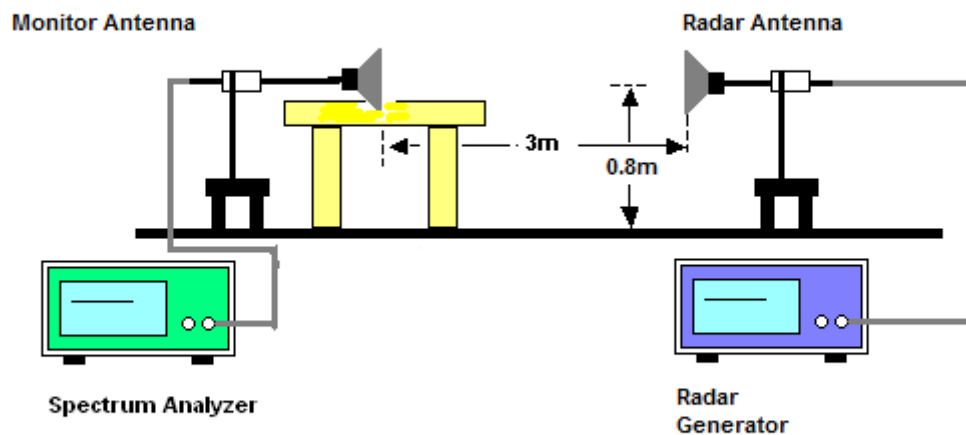
3 Calibration Setup and DFS Test Results

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



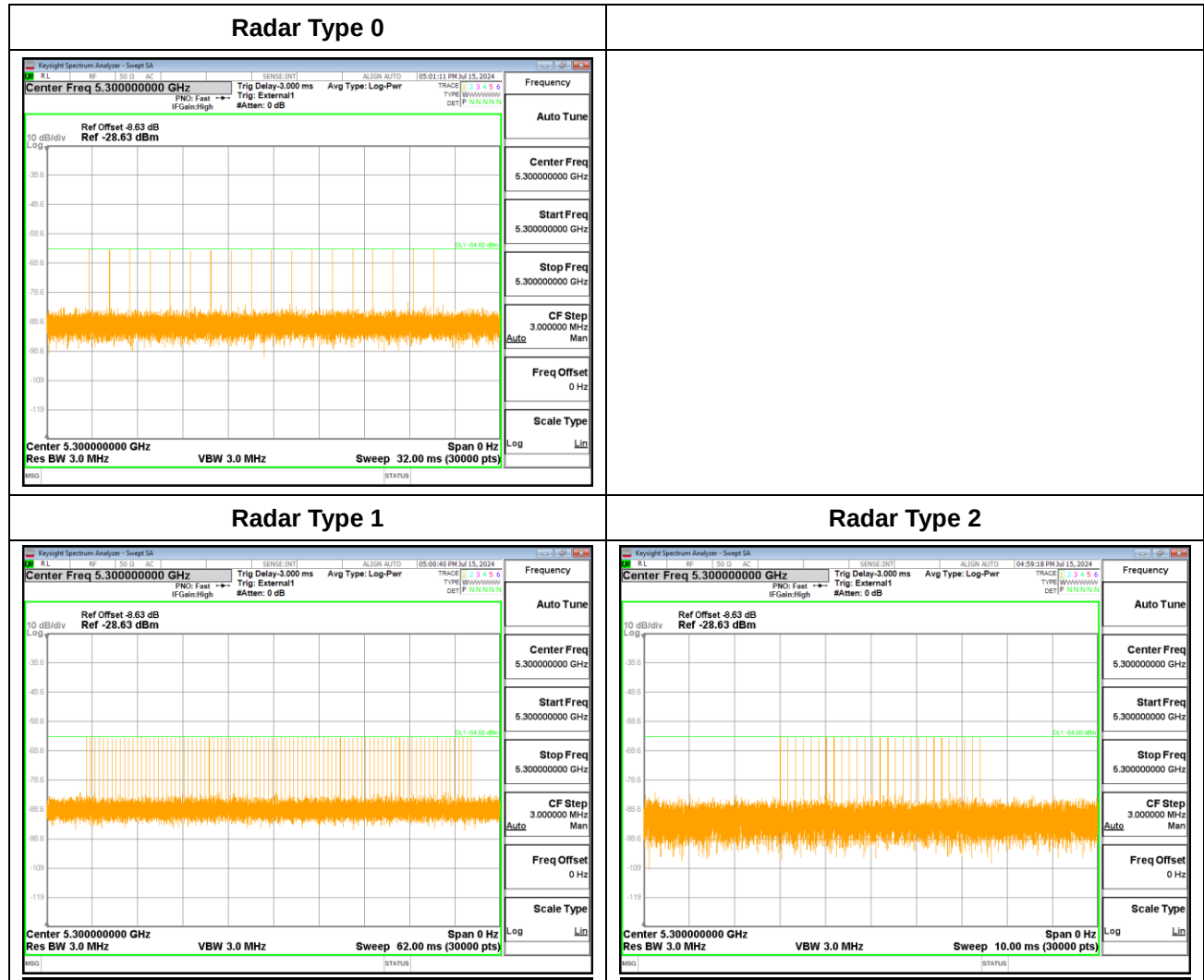
3.1.3 Calibration Deviation

There is no deviation with the original standard.



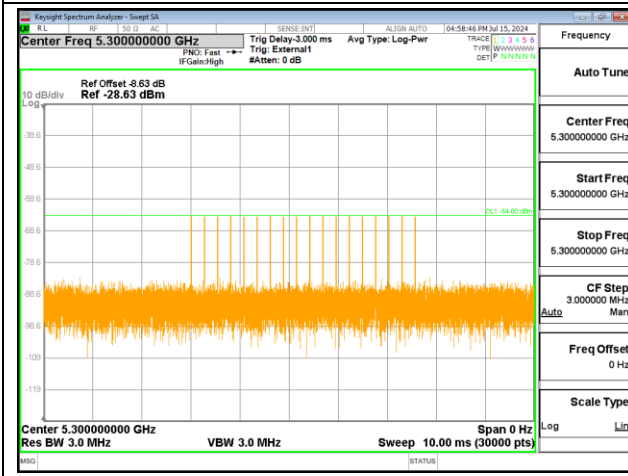
3.1.4 Radar Waveform Calibration Result

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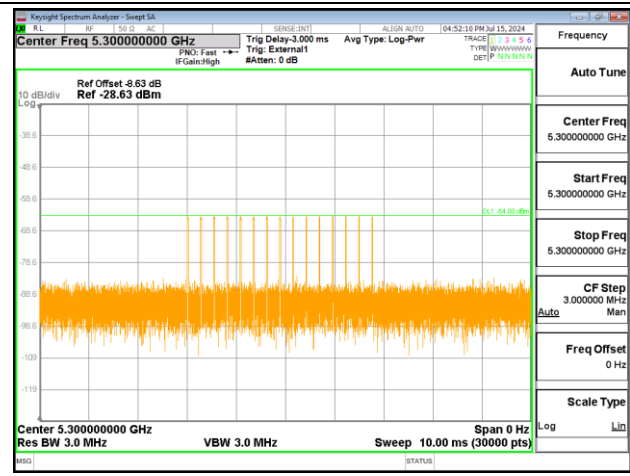




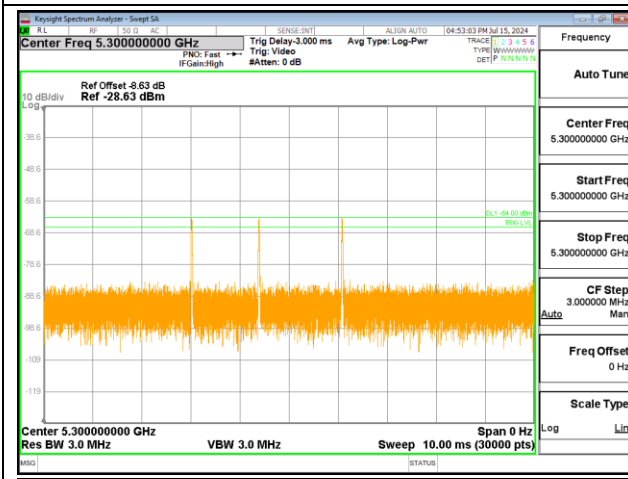
Radar Type 3



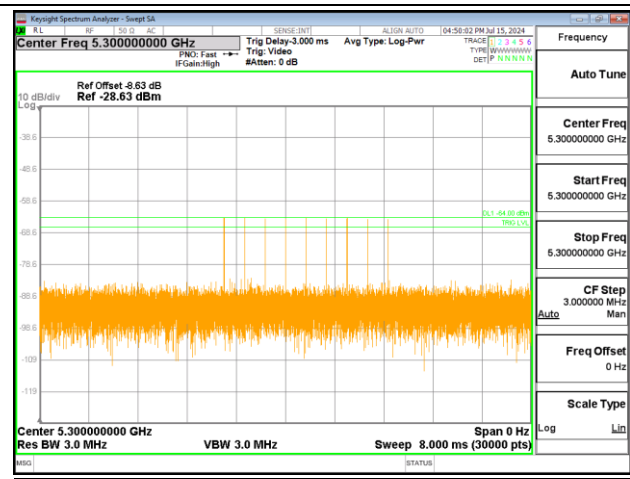
Radar Type 4



Single Burst of Radar Type 5



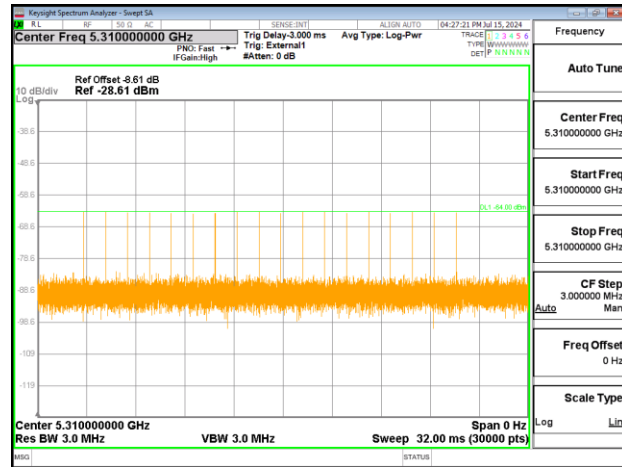
Single Burst of Radar Type 6



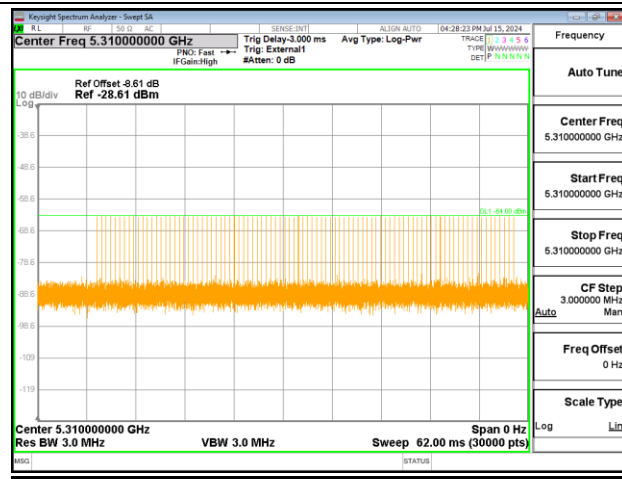


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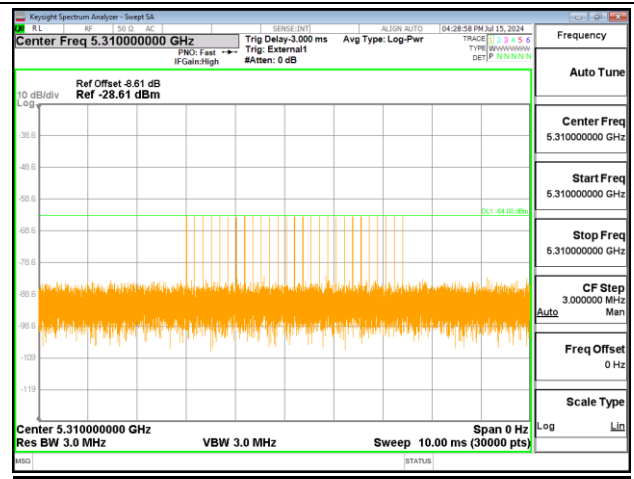
Radar Type 0



Radar Type 1

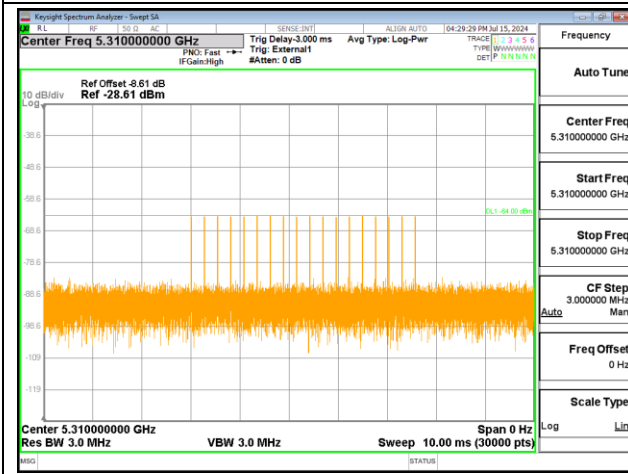


Radar Type 2

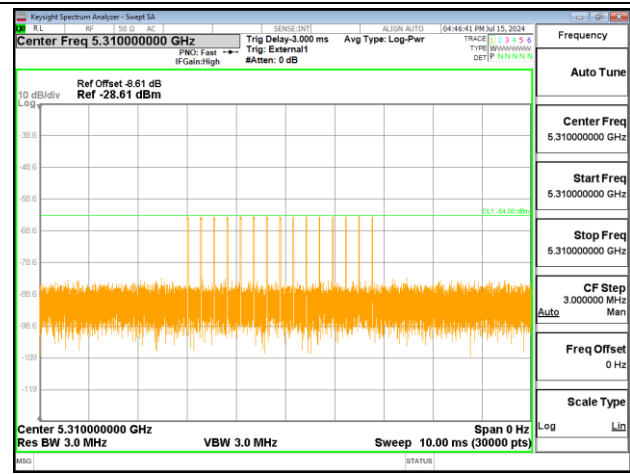




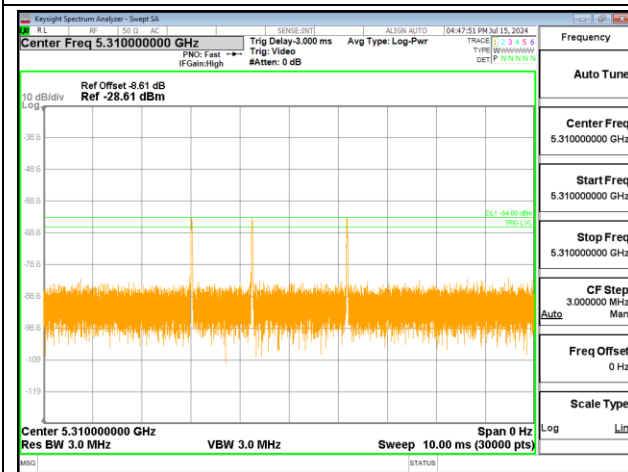
Radar Type 3



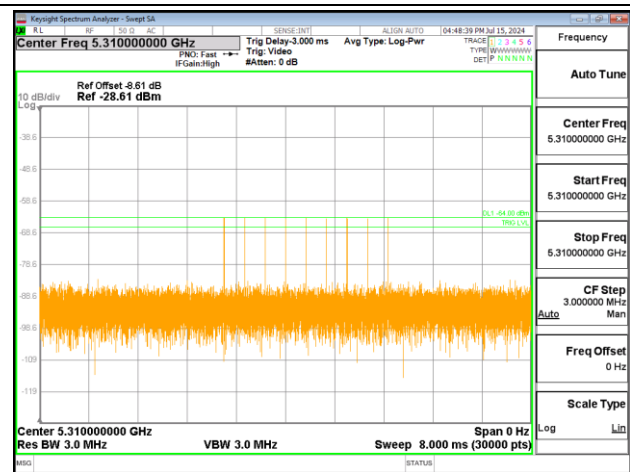
Radar Type 4



Single Burst of Radar Type 5

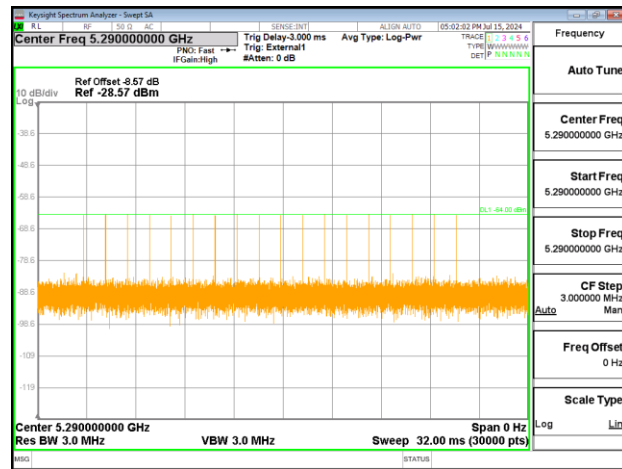


Single Burst of Radar Type 6

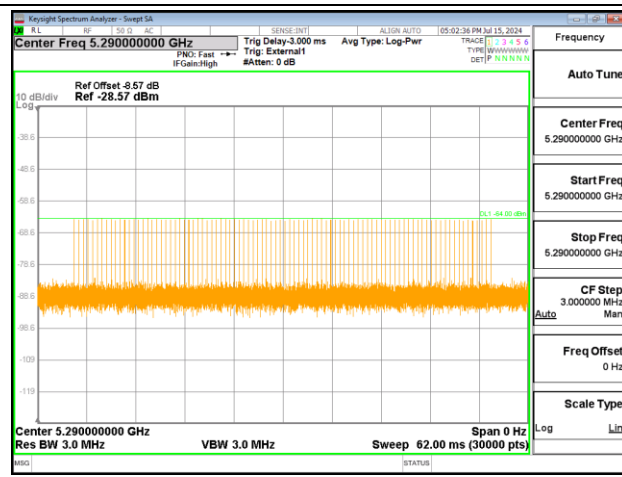


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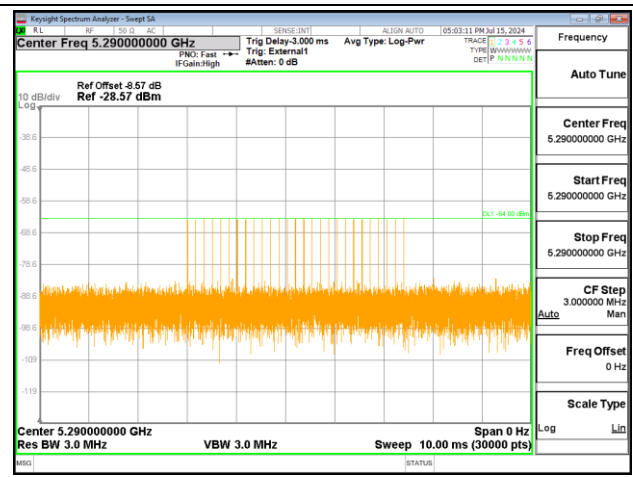
Radar Type 0



Radar Type 1

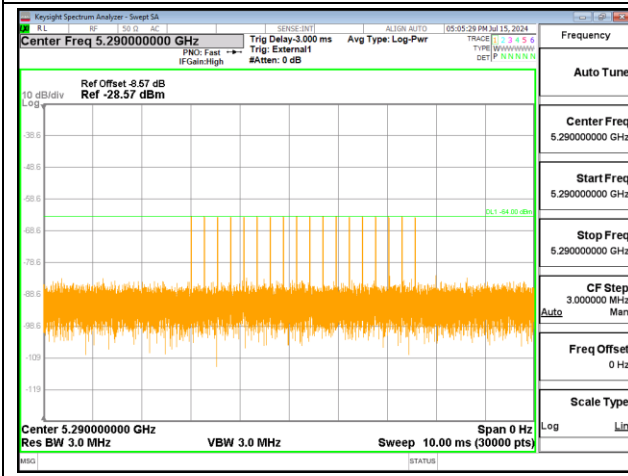


Radar Type 2

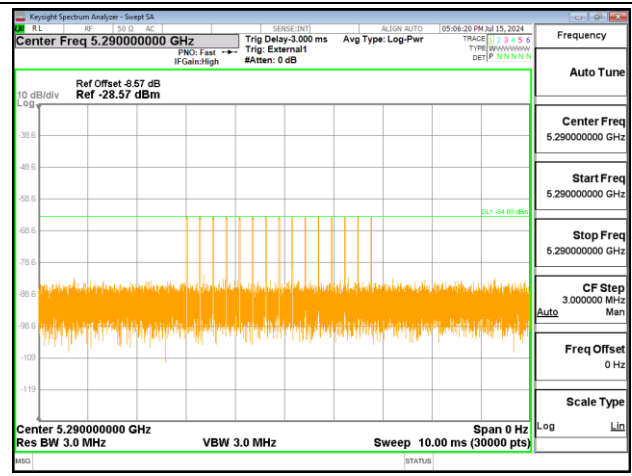




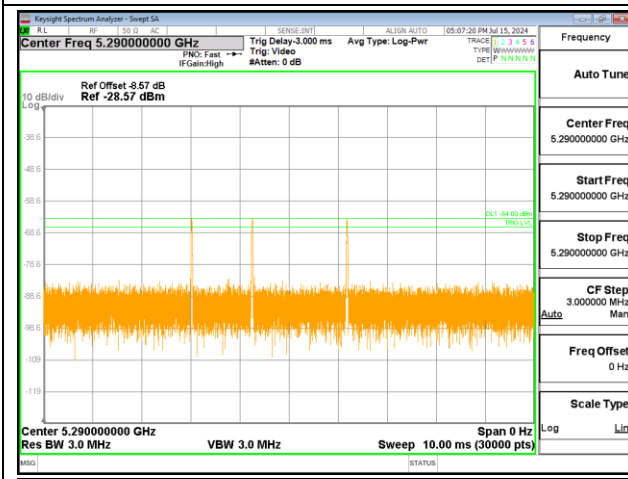
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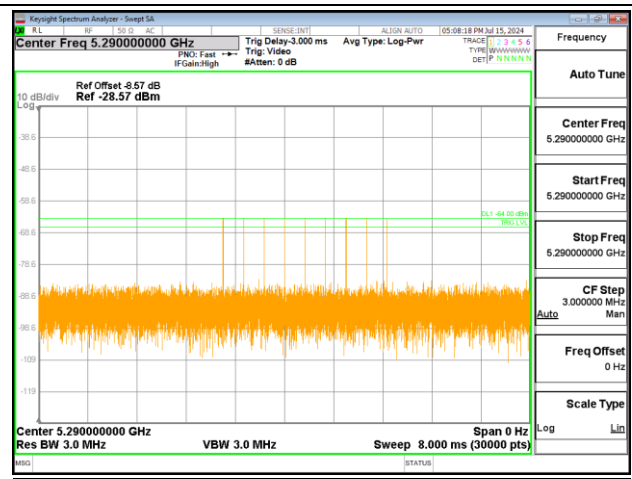
Radar Type 4



Single Burst of Radar Type 5



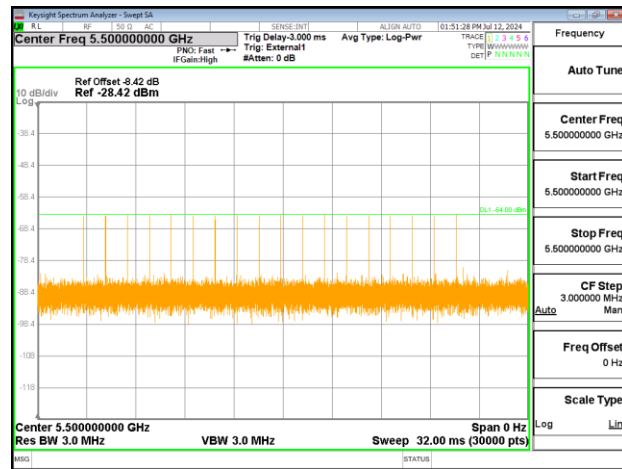
Single Burst of Radar Type 6



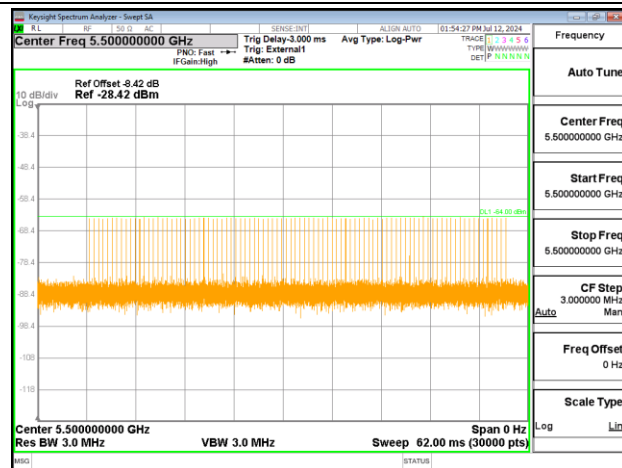


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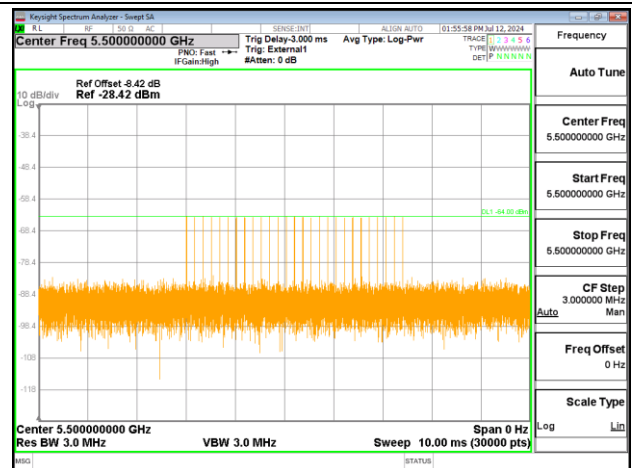
Radar Type 0



Radar Type 1

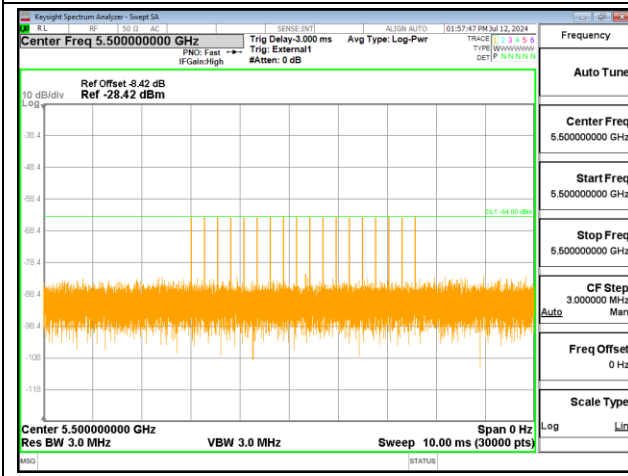


Radar Type 2

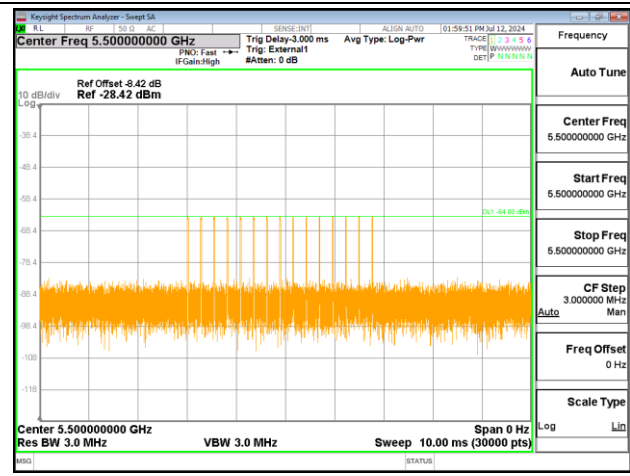




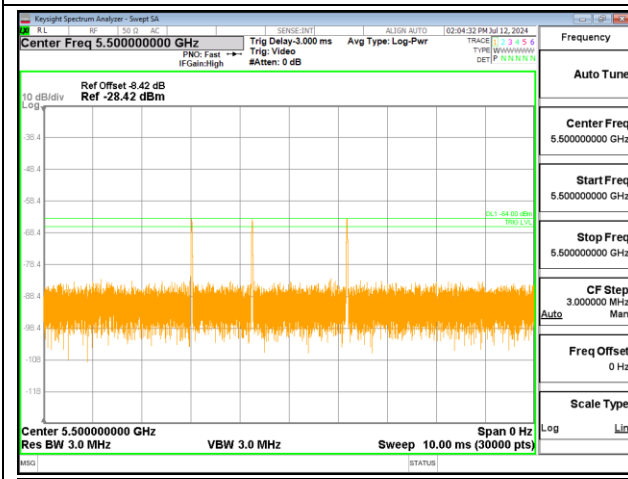
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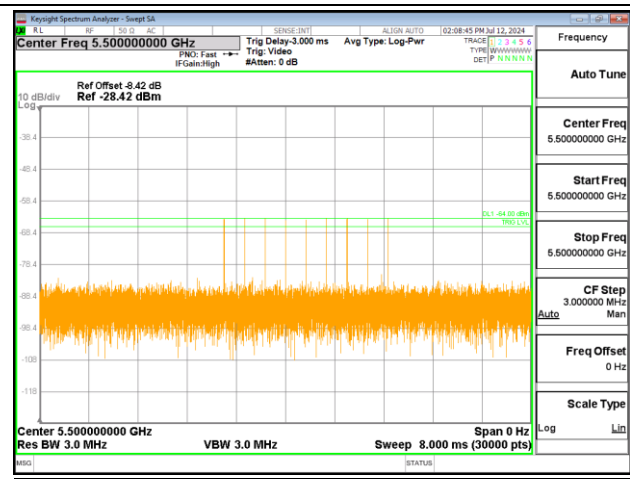
Radar Type 4



Single Burst of Radar Type 5



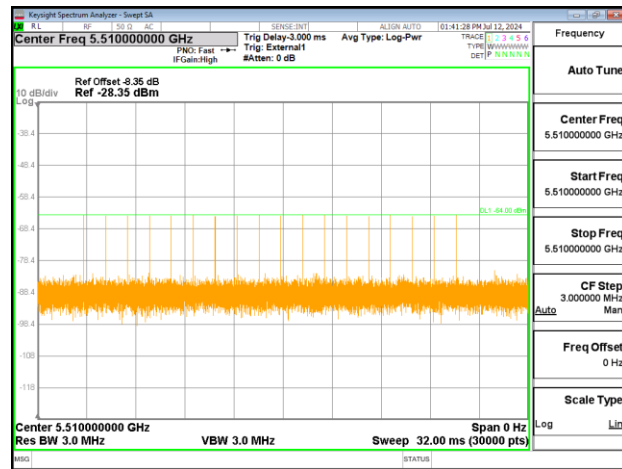
Single Burst of Radar Type 6



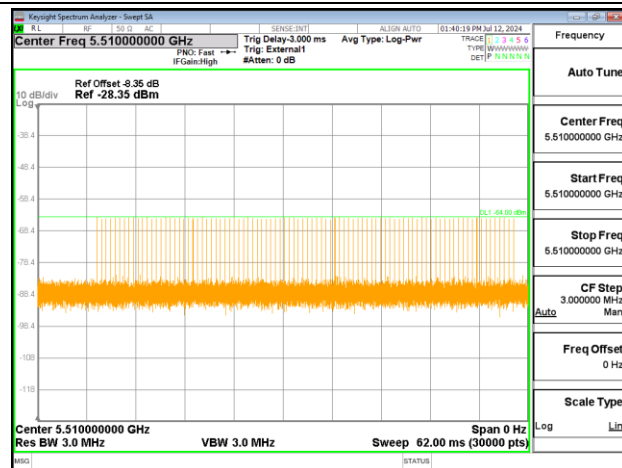


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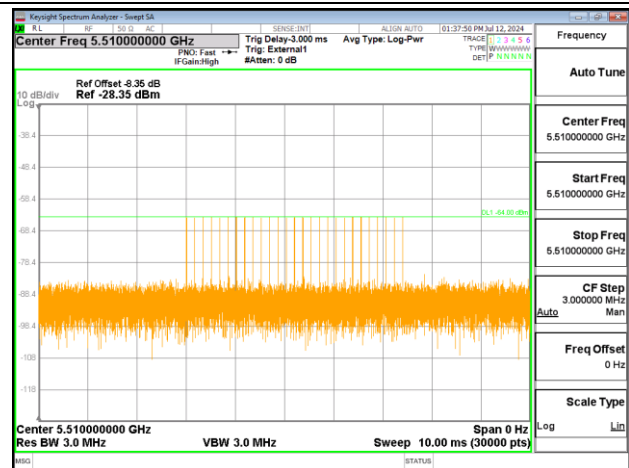
Radar Type 0



Radar Type 1

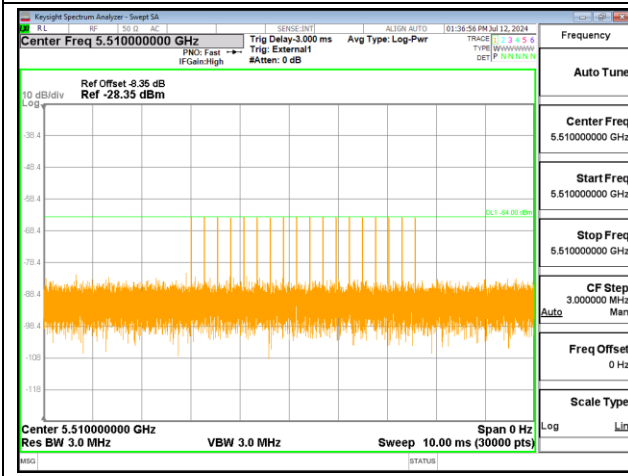


Radar Type 2

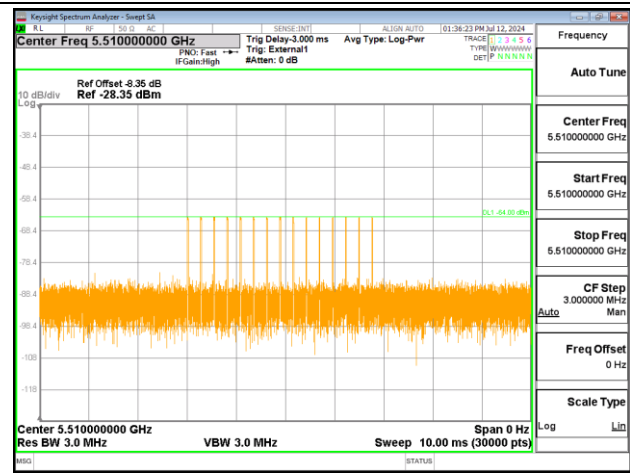




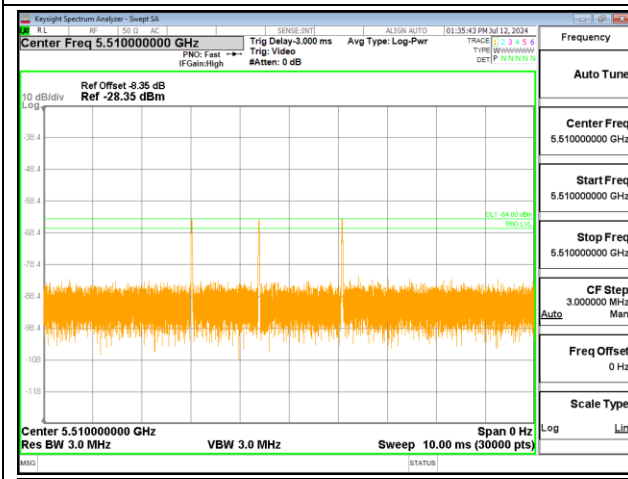
Radar Type 3



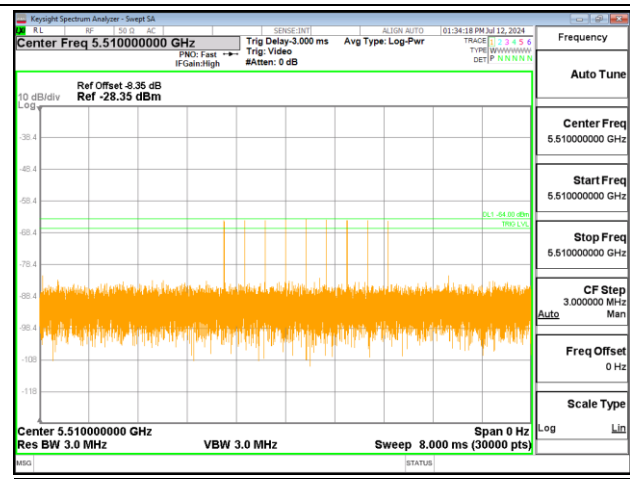
Radar Type 4



Single Burst of Radar Type 5



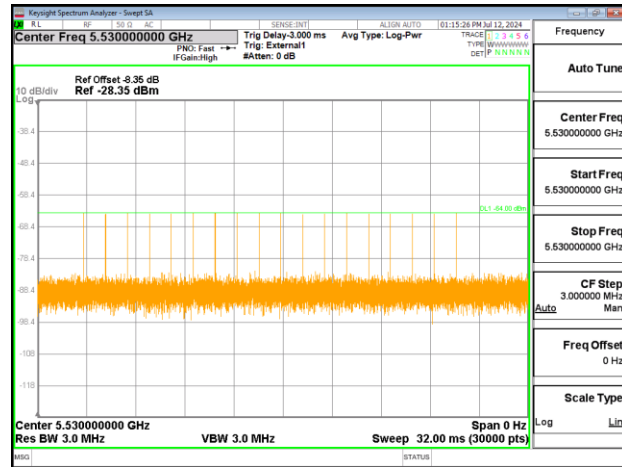
Single Burst of Radar Type 6



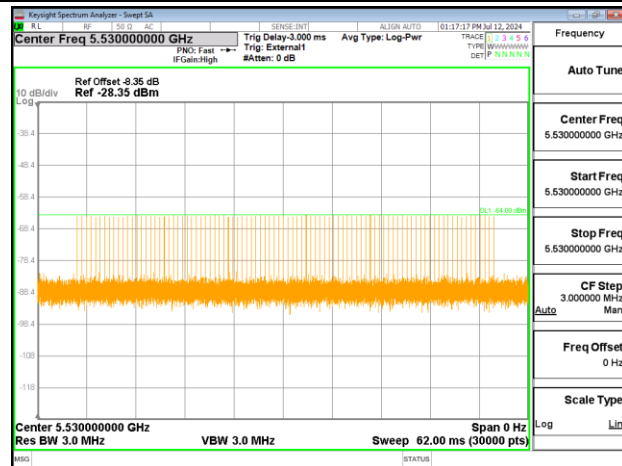


<80MHz / 5530MHz>

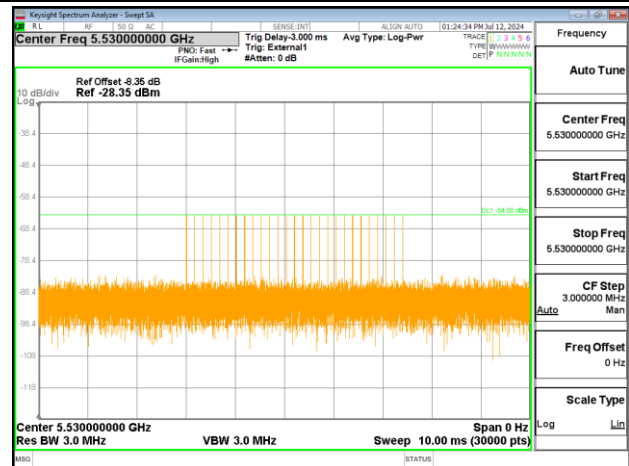
Radar Type 0



Radar Type 1

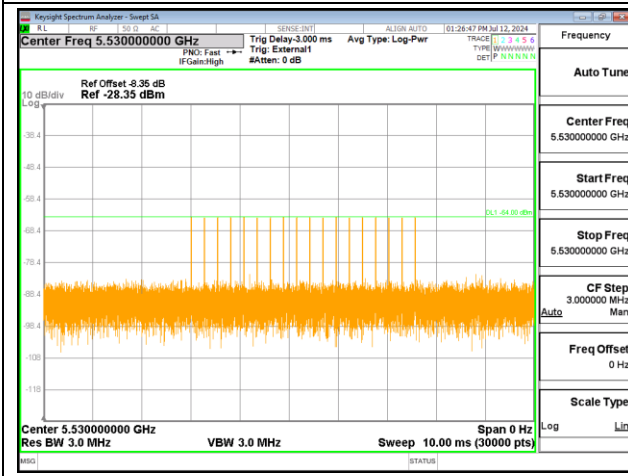


Radar Type 2

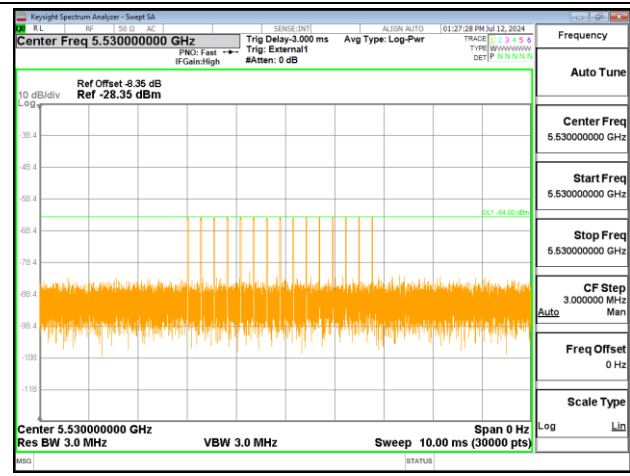




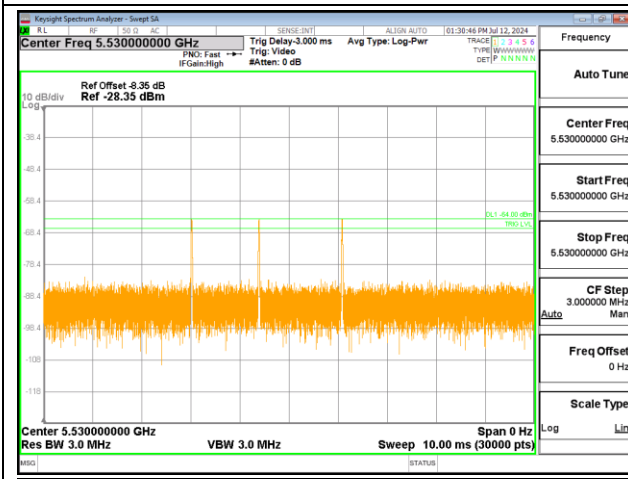
Radar Type 3



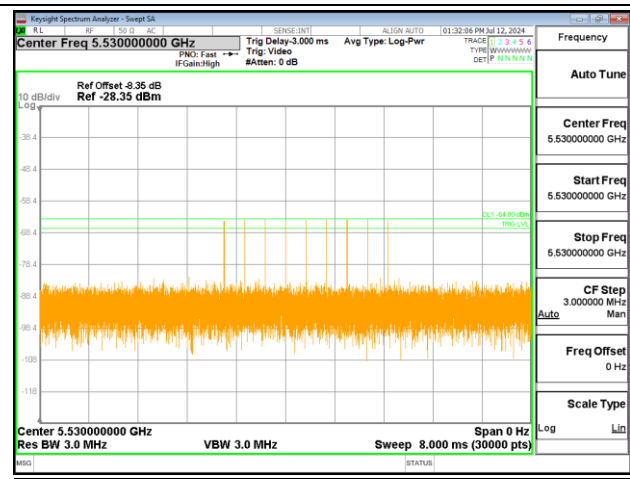
Radar Type 4



Single Burst of Radar Type 5



Single Burst of Radar Type 6



3.2 U-NII Detection Bandwidth

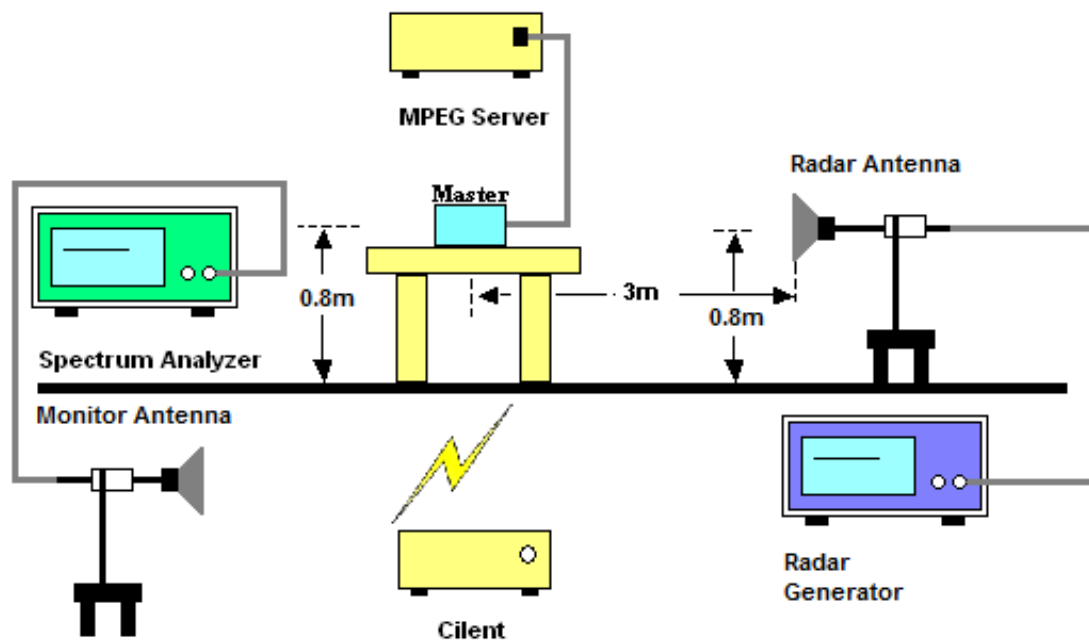
3.2.1 Limit of U-NII Detection Bandwidth

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		
5285	-15	N	N	N	N	N	N	N	N	N	N	0	
5286	-14	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _L
5287	-13	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5288	-12	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5289	-11	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5290	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5291	-9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5292	-8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5293	-7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5294	-6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5295	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5300	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5305	+5	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	90%	
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%	
5311	+11	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5312	+12	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5313	+13	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5314	+14	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5315	+15	N	N	N	N	N	N	N	N	N	N	0	
Detection Bandwidth = F _H – F _L = 5314 – 5286 = 28 MHz													
EUT 99% Bandwidth = 19.444 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		
5283	-27	N	N	N	N	N	N	N	N	N	N	0%	
5284	-26	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _L
5285	-25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5286	-24	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5287	-23	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5288	-22	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5289	-21	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5290	-20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
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%	
5331	+21	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5332	+22	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5333	+23	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5334	+24	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5335	+25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5336	+26	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		
5337	+27	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5338	+28	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5337 – 5284 = 53 MHz													
EUT 99% Bandwidth = 38.107 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		
5241	-49	N	N	N	N	N	N	N	N	N	N	0%	
5242	-48	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _L
5243	-47	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5244	-46	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5245	-45	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5246	-44	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5247	-43	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5248	-42	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5249	-41	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5250	-40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5251	-39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5252	-38	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5253	-37	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5254	-36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5255	-35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5260	-30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5265	-25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5270	-20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5275	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5280	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5285	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5290	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5295	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5300	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5305	+15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5310	+20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5315	+25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5320	+30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5325	+35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5326	+36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	



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		
5327	+37	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5328	+38	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5329	+39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5330	+40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5331	+41	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5332	+42	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5333	+43	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5334	+44	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5335	+45	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5336	+46	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5337	+47	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5338	+48	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5339	+49	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5340	+50	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5341	+51	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5342	+52	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5343	+53	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5342 – 5242 = 100 MHz													
EUT 99% Bandwidth = 75.272 MHz (Refer to channel 58)													



<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		
5488	-12	N	N	N	N	N	N	N	N	N	N	0%	
5489	-11	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _L
5490	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5491	-9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5492	-8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5493	-7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5494	-6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5495	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5500	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5505	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5506	+6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5507	+7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5508	+8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5509	+9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5510	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5511	+11	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5512	+12	Y	Y	N	N	N	N	N	N	N	N	20%	
Detection Bandwidth = F _H – F _L = 5511 – 5489 = 22 MHz													
EUT 99% Bandwidth = 19.316 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	Y	Y	Y	N	N	N	N	N	N	N	30%	
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%	
5531	+21	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5532	+22	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5533	+23	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5534	+24	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5535	+25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5536	+26	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5537	+27	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5538	+28	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5539	+29	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5540	+30	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5539 – 5490 = 49 MHz													
EUT 99% Bandwidth = 36.808 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		
5490	-40	N	N	N	N	N	N	N	N	N	N	0%	
5491	-39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _L
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%	
5571	+41	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5572	+42	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5573	+43	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5574	+44	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5575	+45	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		
5576	+46	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5577	+47	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5578	+48	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5579	+49	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5580	+50	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5581	+51	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5582	+52	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5583	+53	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5584	+54	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5585	+55	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5586	+56	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5585 – 5491 = 94 MHz													
EUT 99% Bandwidth = 77.186 MHz (Refer to channel 106)													

3.3 Channel Availability Check

3.3.1 Limit of Channel Availability Check

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

3.3.2 Test Procedures of Initial Channel Availability Check Time

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

- (1) The U-NII devices will be powered on and be instructed to operate on the appropriate U-NII Channel that must incorporate DFS functions. At the same time the EUT is powered on, the spectrum analyzer will be set to zero span mode with a 3 MHz RBW and 3 MHz VBW on the Channel occupied by the radar (Chr) with 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.

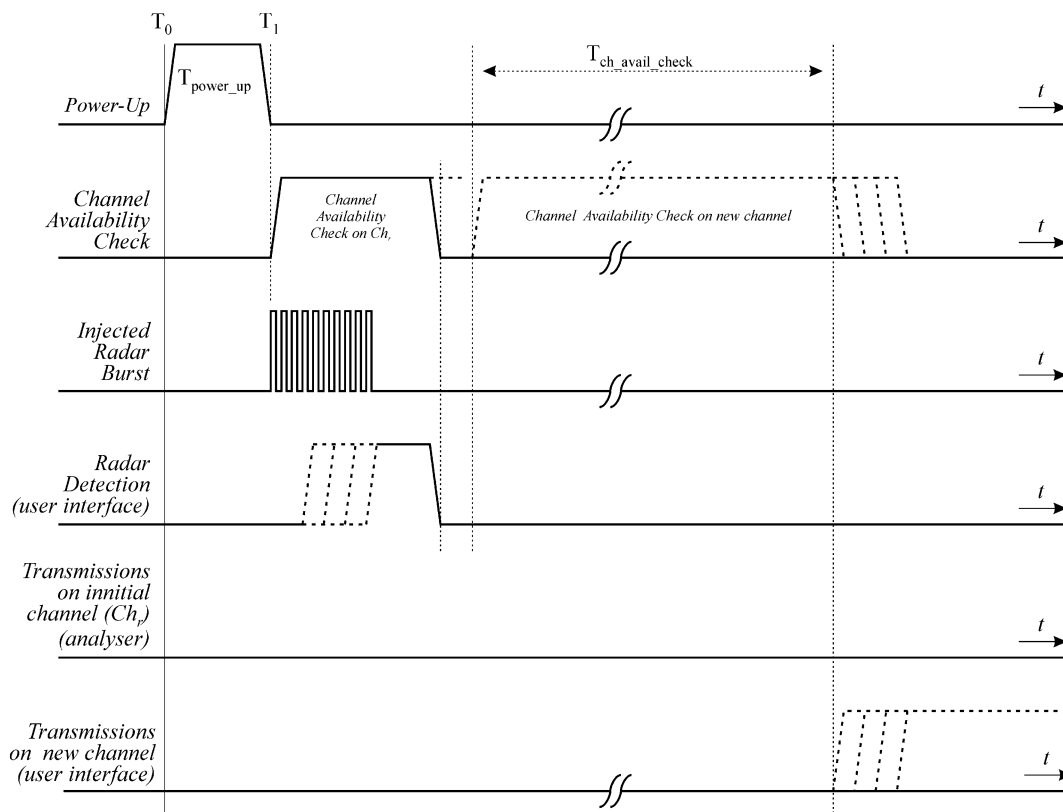


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check
Time

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.

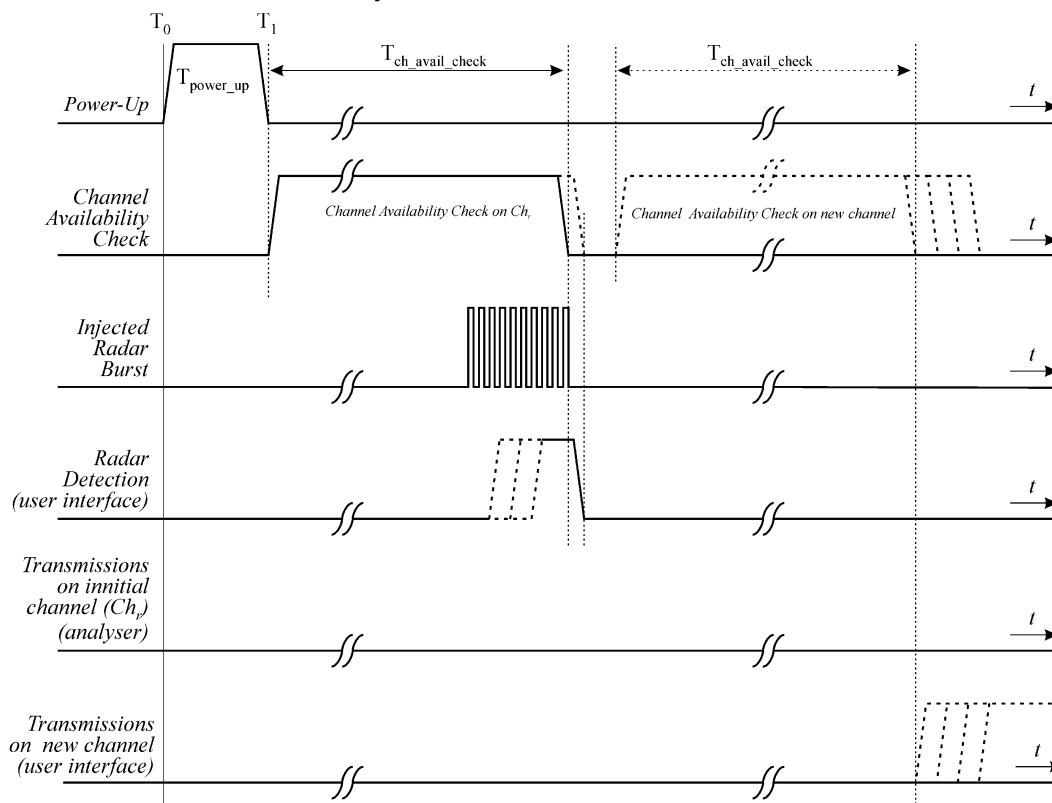
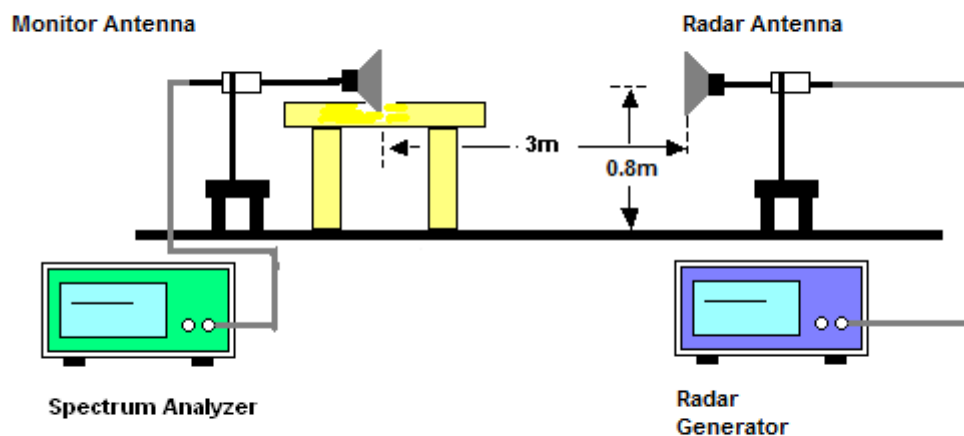


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check
Time

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

<80MHz / 5290MHz>



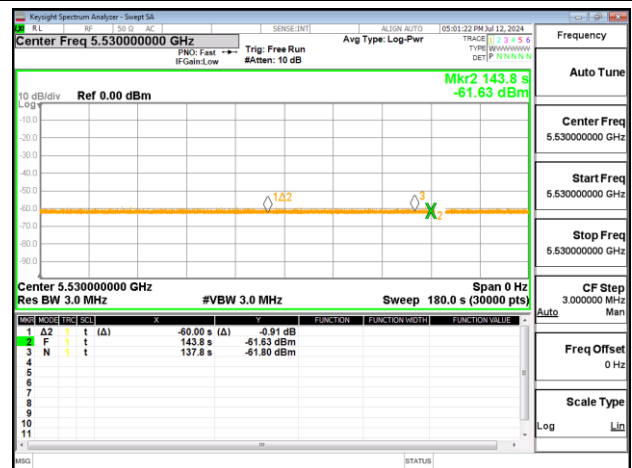
Marker 1(Delta 2): 60 seconds before End of Channel Availability Check

Marker 2: End of Channel Availability Check

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



<80MHz / 5530MHz>

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

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

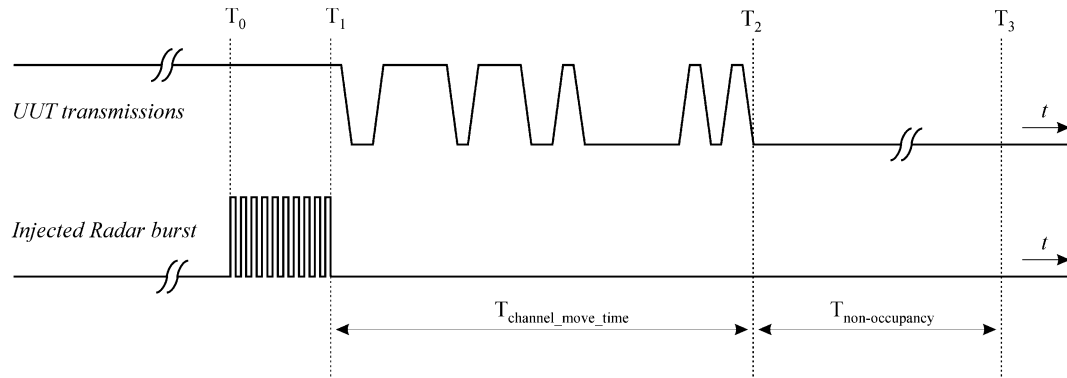
The EUT has In-Service Monitoring function to continuously monitor the radar signals. If radar is detected, it must leave the channel (Shutdown). The Channel Move Time to cease all transmissions on the current Channel upon detection of a Radar Waveform above the DFS Detection Threshold within 10 sec.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

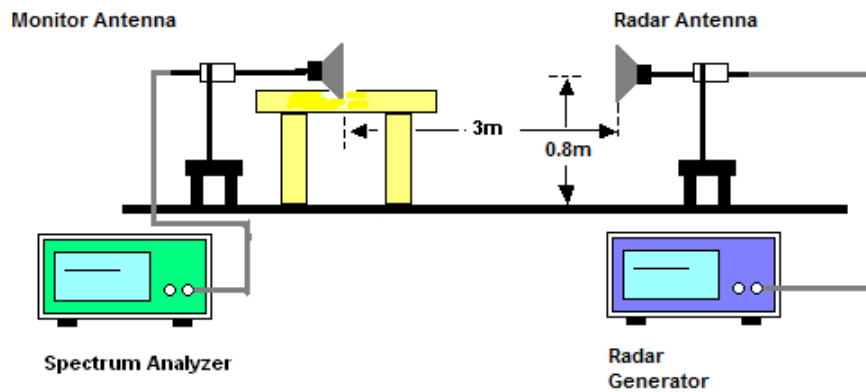
- (1) One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands. For 802.11 devices, the test frequency must contain control signals. This can be verified by disabling channel loading and monitoring the spectrum analyzer. If no control signals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

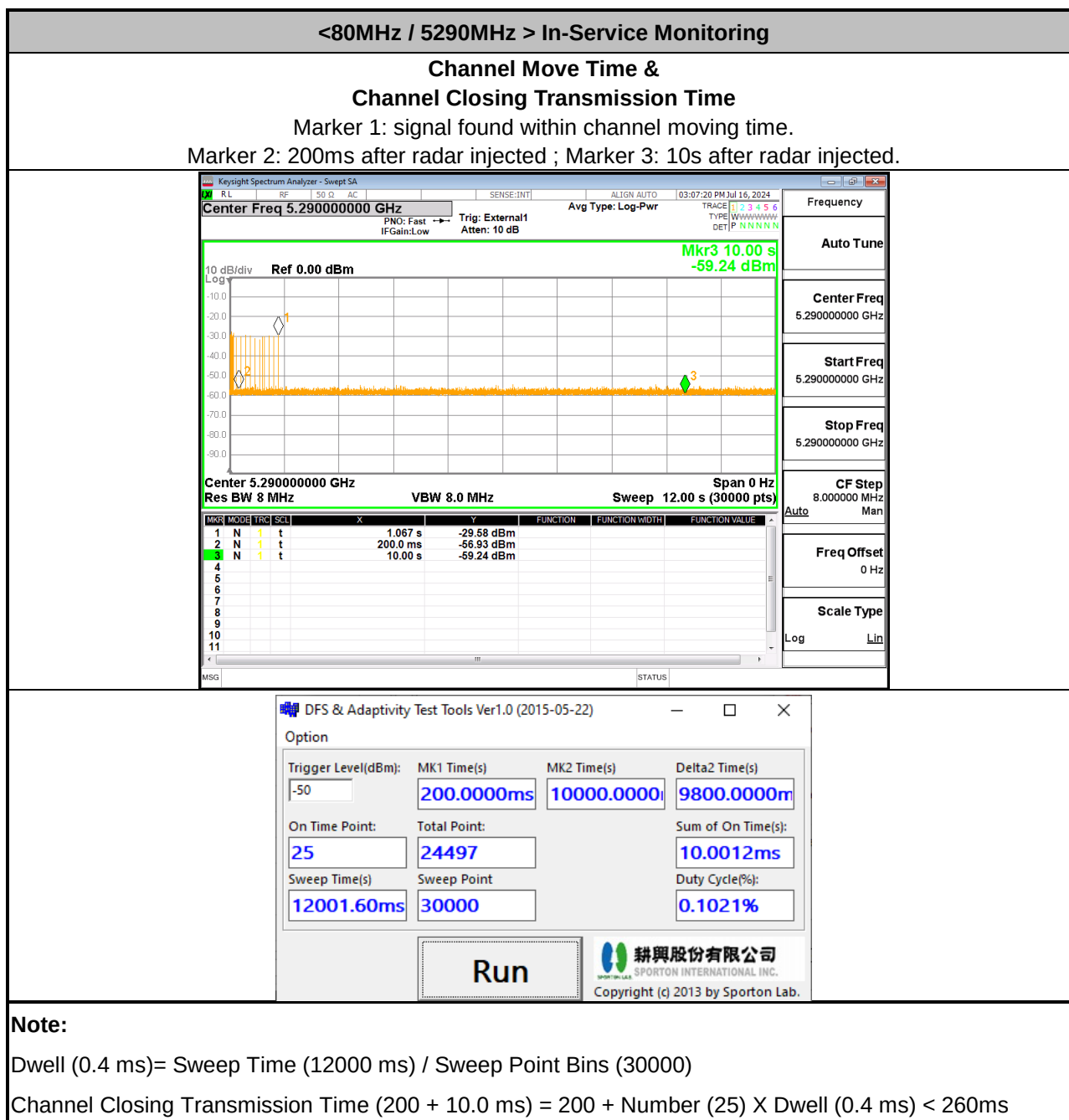
3.4.5 Result of Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period for Client Beacon Test

Test Mode :	Master	Temperature :	21~23.4℃
Test Engineer :	Liliana Gonzalez	Relative Humidity :	52~60%

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
80MHz / 5290MHz	Channel Move Time	1.067 s	< 10s	Pass
	Channel Closing Transmission Time	200ms + 10.0012 ms	< 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass
80MHz / 5530MHz	Channel Move Time	0.8201 s	< 10s	Pass
	Channel Closing Transmission Time	200ms + 0.4 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





Non-Occupancy Period

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





<80MHz / 5530MHz > 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: 1

Total Point: 24497

Sum of On Time(s): 0.4000ms

Sweep Time(s): 12001.60ms

Sweep Point: 30000

Duty Cycle(%): 0.0041%

Run

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Note:

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

Channel Closing Transmission Time (200 + 0.4 ms) = 200 + Number (1) X Dwell (0.4 ms) < 260ms



Non-Occupancy Period

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

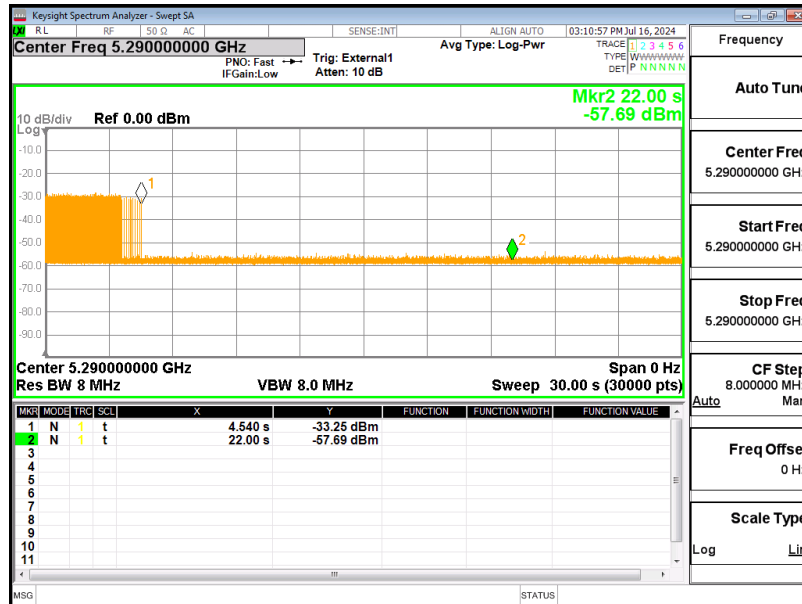


3.4.7 Long Pulsed Radar Type Channel Move Time Test Plots (22seconds)

<80MHz / 5290MHz > Radar Type 5

Channel Move Time

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



<80MHz / 5530MHz > Radar Type 5

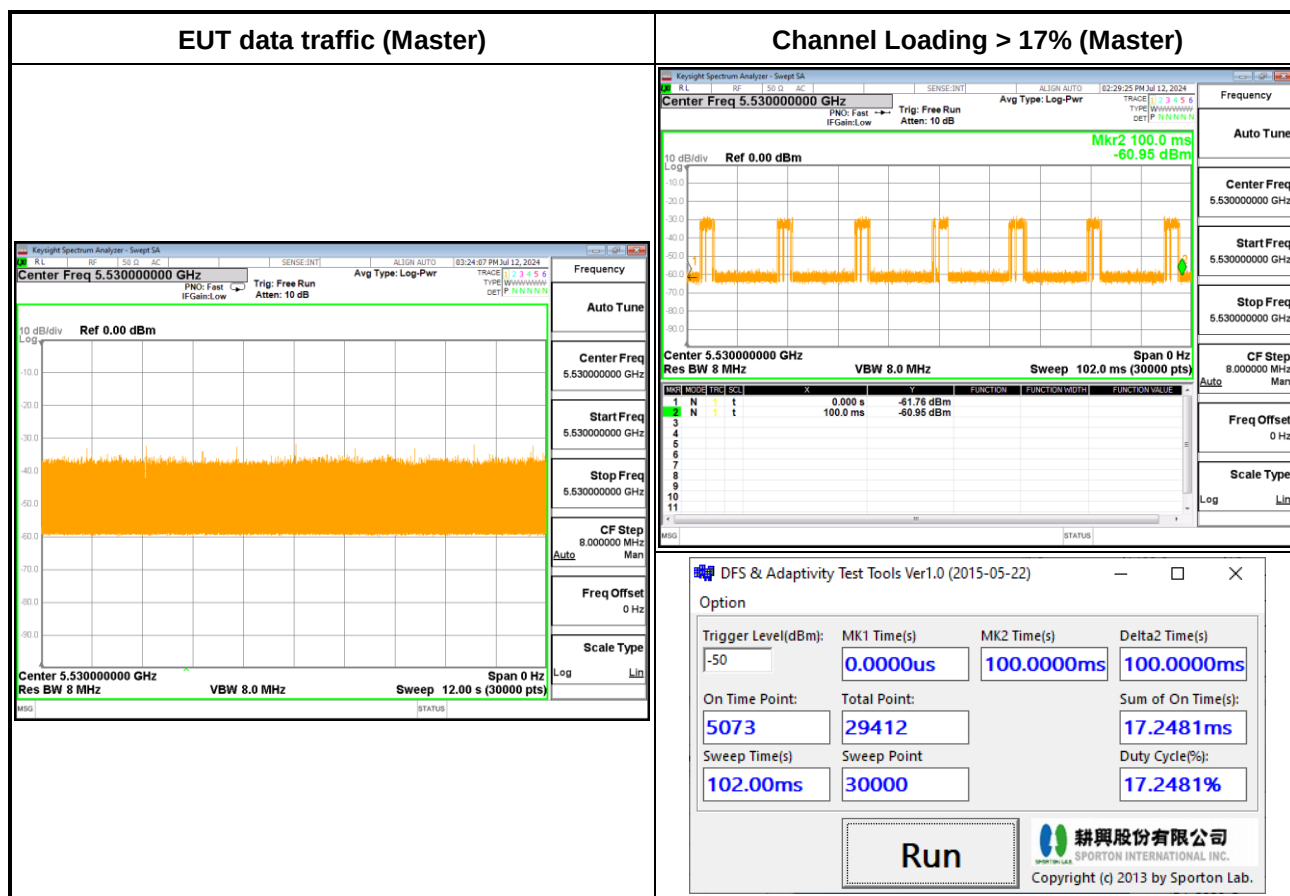
Channel Move Time

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

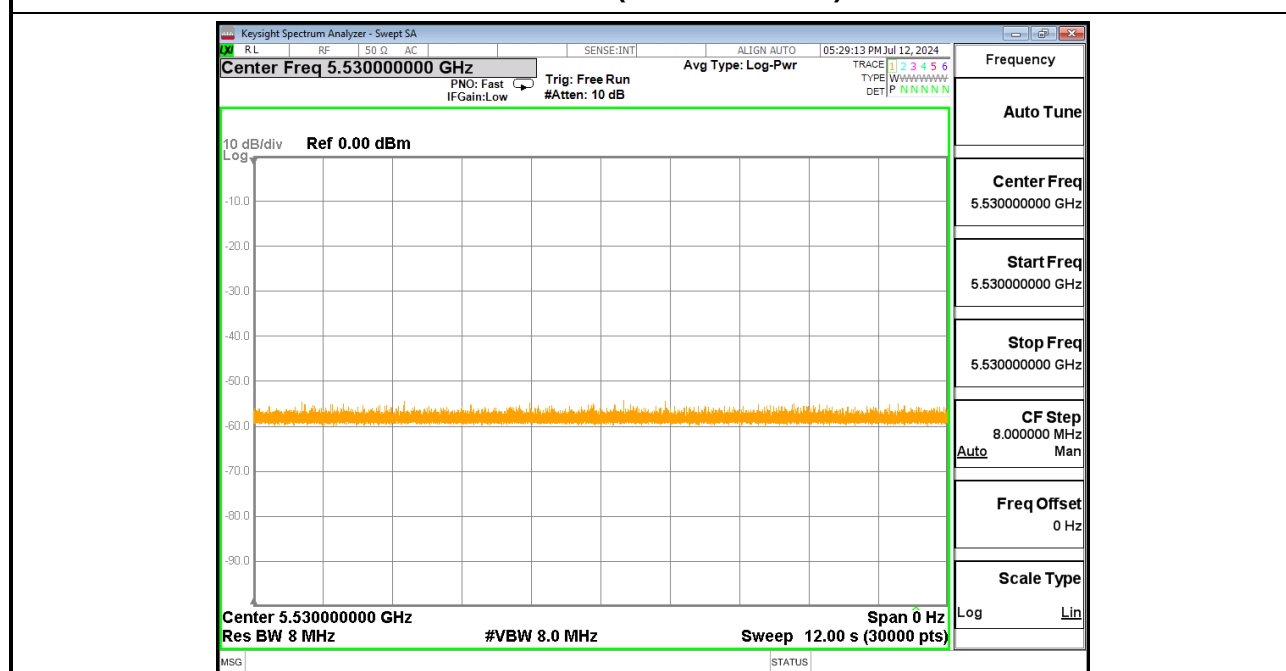




3.4.8 Data Traffic Channel Loading and Noise Floor Plots



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

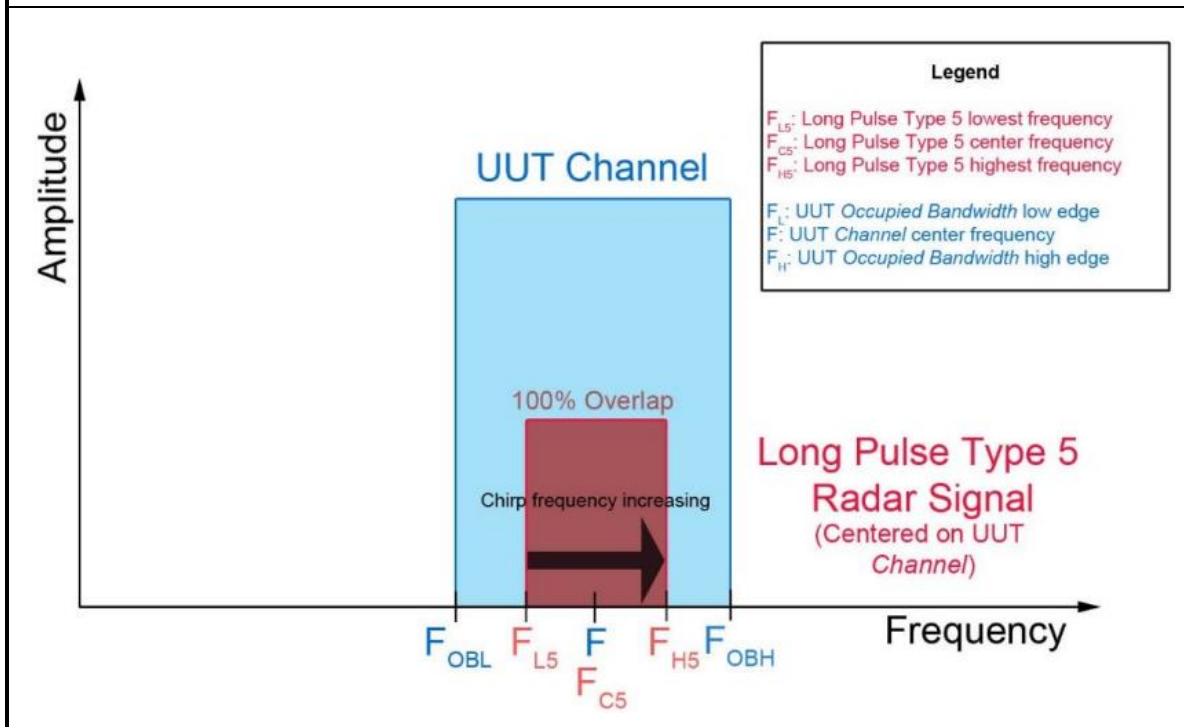
For subset case 3: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 3.

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

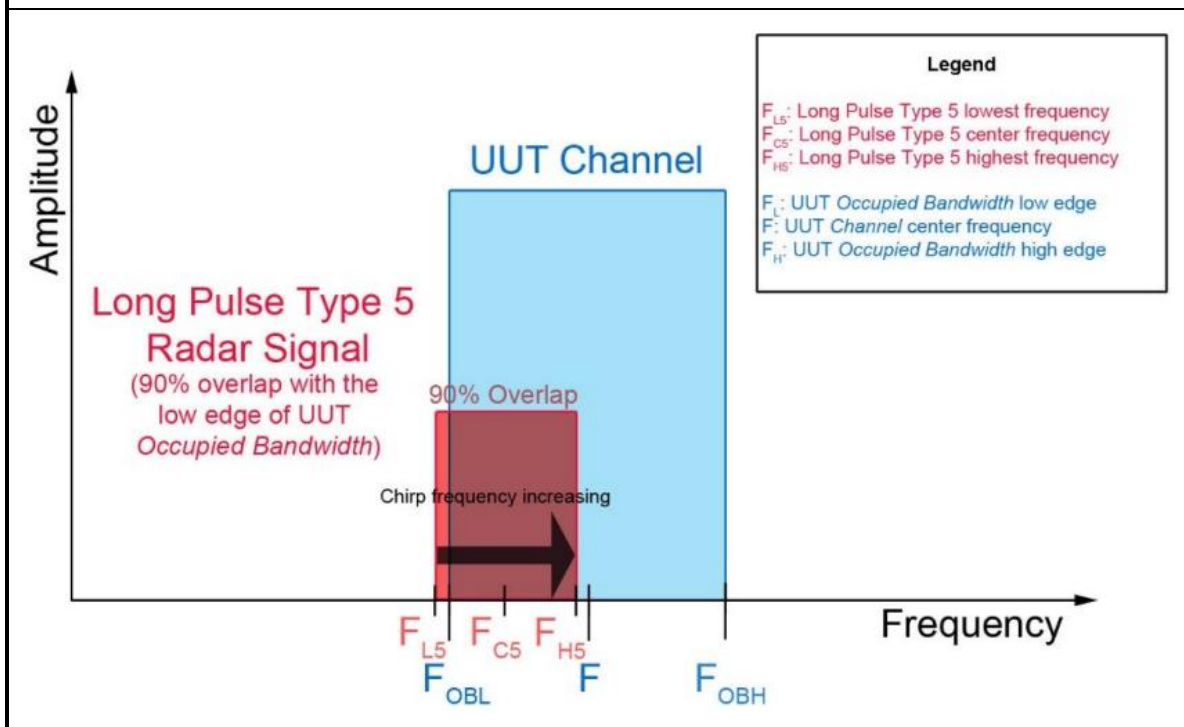
Note: The FH and FL are Occupied Bandwidth low edge and high edge, where

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

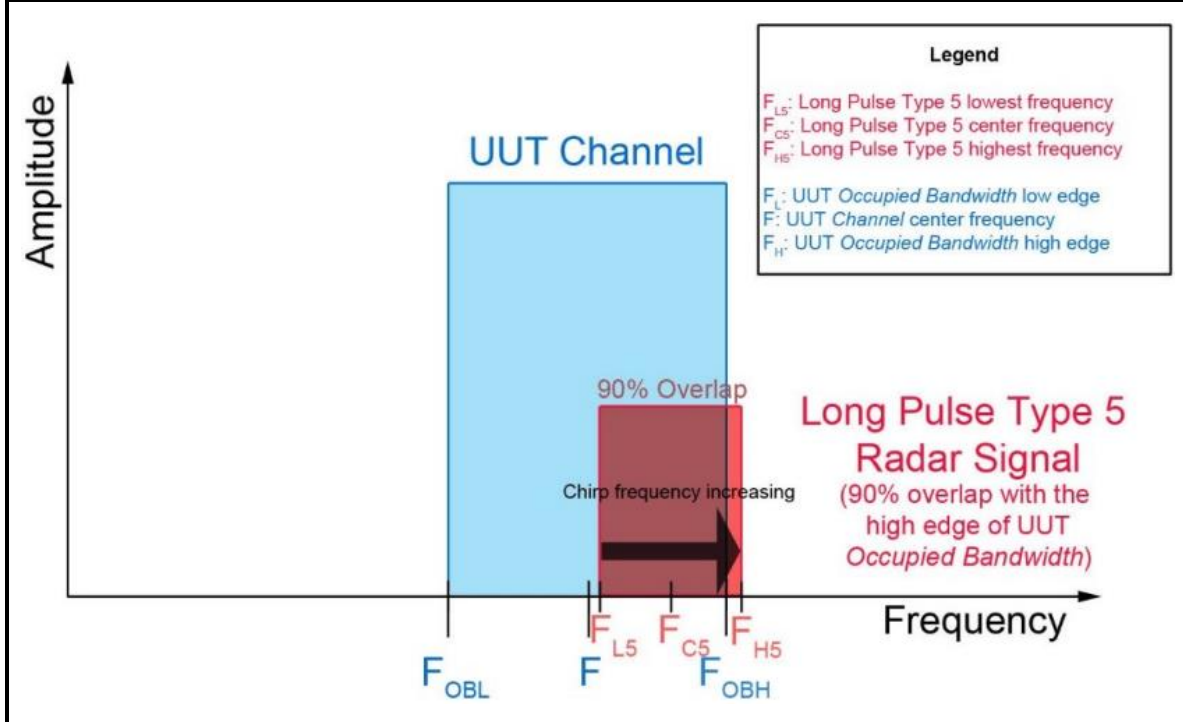
a) Channel center frequency (subset case 1)



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

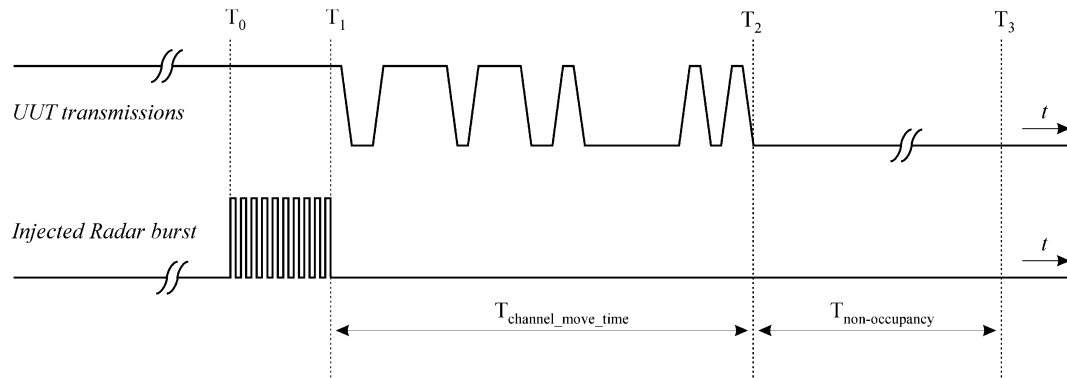
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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:

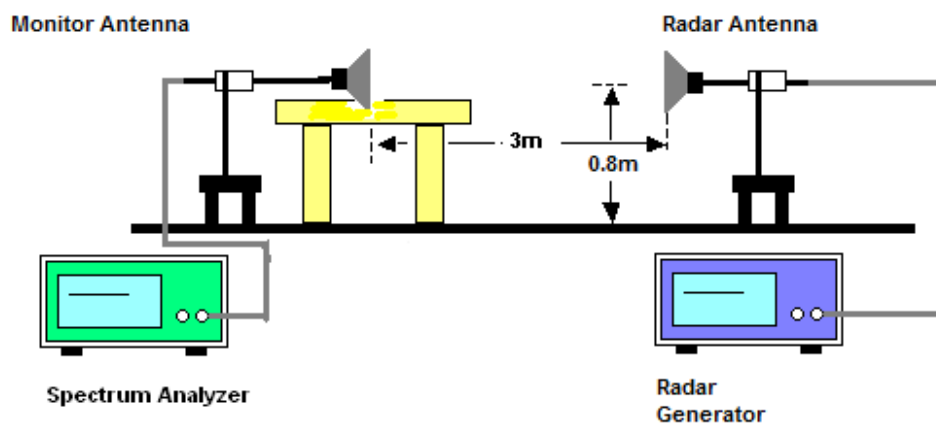
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues 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	N	Y	Y
2	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y
7	Y	N	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	Y	Y	N	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	N	Y	Y
26	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	Y	Y	Y
28	Y	N	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	N	Y	Y	Y
Trial of Detection	30/30	28/30	28/30	28/30	30/30	30/30
Probability (%)	100%	93.33%	93.33%	93.33%	100%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			95% (>=80%)			



<40MHz /5310MHz>

(Detection = Y, No Detection = N)						
Trial Number	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
1	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y
7	Y	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	N	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	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	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	N	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	27/30	30/30	30/30
Probability (%)	100%	100%	100%	90%	100%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			97.5% (>=80%)			

<80MHz / 5290MHz>

(Detection = Y, No Detection = N)						
Trial Number	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
1	Y	N	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	N	Y	Y	Y
7	Y	Y	Y	N	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	N	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	N	Y	Y
17	Y	Y	Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y
20	Y	N	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y
23	Y	Y	N	Y	Y	Y
24	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	Y	Y	Y
28	Y	Y	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	30/30	28/30	28/30	27/30	30/30	30/30
Probability (%)	100%	93.33%	93.33%	90%	100%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			94.17% (>=80%)			



<20MHz / 5500MHz>

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



<40MHz / 5510MHz>

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



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Vector Signal Generator	Keysight	N5182B	MY57300963	9KHz~6GHz	Mar. 26, 2024	Jul. 12, 2024~ Jul. 16, 2024	Mar. 25, 2025	DFS (DFS01-CA)
Frequency Extender	Keysight	N5182BX07	MY59360230	9kHz~7.2GHz	Mar. 26, 2024	Jul. 12, 2024~ Jul. 16, 2024	Mar. 25, 2025	DFS (DFS01-CA)
EXA Signal Analyzer	Keysight	N9010A	MY56070412	10Hz~7GHz	Nov. 30, 2023	Jul. 12, 2024~ Jul. 16, 2024	Nov. 29, 2024	DFS (DFS01-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	01895	1GHz ~18GHz	Sep. 25, 2023	Jul. 12, 2024~ Jul. 16, 2024	Sep. 24, 2024	DFS (DFS01-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	01894	1GHz ~18GHz	Aug. 30, 2023	Jul. 12, 2024~ Jul. 16, 2024	Aug. 29, 2024	DFS (DFS01-CA)
Hygrometer	Testo	608-H1	45142588	Temperature & Humidity	Jul. 26, 2023	Jul. 12, 2024~ Jul. 16, 2024	Jul. 25, 2024	DFS (DFS01-CA)



Appendix A. DFS Radar Parameters

Channel 60 Bandwidth 20MHz

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	4	1730.10	578	Yes
2	19	1138.95	878	Yes
3	12	1355.01	738	Yes
4	1	1930.50	518	Yes
5	13	1319.26	758	Yes
6	6	1618.12	618	Yes
7	22	1066.10	938	Yes
8	5	1672.24	598	Yes
9	2	1858.74	538	Yes
10	8	1519.76	658	Yes
11	15	1253.13	798	Yes
12	3	1792.11	558	Yes
13	16	1222.49	818	Yes
14	21	1089.32	918	Yes
15	11	1392.76	718	Yes
16		464.47	2153	Yes
17		523.83	1909	Yes
18		551.88	1812	Yes
19		327.12	3057	Yes
20		1466.28	682	Yes
21		349.41	2862	Yes
22		415.80	2405	Yes
23		613.12	1631	Yes
24		704.23	1420	Yes
25		467.73	2138	Yes
26		697.35	1434	Yes
27		810.37	1234	Yes
28		515.46	1940	Yes
29		562.75	1777	Yes
30		367.92	2718	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	27	3.80	169	Yes
2	28	3.90	187	Yes
3	26	2.80	199	Yes
4	26	3.10	177	Yes
5	27	3.70	190	Yes
6	28	4.10	209	Yes
7	29	4.70	220	No
8	27	3.60	161	Yes
9	23	1.20	217	Yes
10	28	4.30	200	Yes
11	28	4.40	192	Yes
12	25	2.30	206	Yes
13	23	1.40	189	Yes
14	29	4.60	164	Yes
15	25	2.40	196	Yes
16	27	3.80	198	Yes
17	24	1.60	183	Yes
18	26	2.70	228	Yes
19	29	4.90	152	Yes
20	23	1.00	223	Yes
21	25	2.70	165	Yes
22	26	3.10	219	Yes
23	25	2.30	195	Yes
24	28	4.10	168	Yes
25	26	2.90	212	Yes
26	26	2.90	185	Yes
27	23	1.30	174	Yes
28	28	4.40	193	No
29	24	1.80	160	Yes
30	26	3.00	151	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	18	8.80	268	Yes
2	18	8.90	201	Yes
3	17	7.80	478	Yes
4	17	8.10	415	Yes
5	17	8.70	328	Yes
6	18	9.10	329	Yes
7	18	9.70	209	Yes
8	17	8.60	425	Yes
9	16	6.20	296	Yes
10	18	9.30	227	No
11	18	9.40	493	Yes
12	17	7.30	397	Yes
13	16	6.40	263	Yes
14	18	9.60	450	Yes
15	17	7.40	424	Yes
16	18	8.80	417	Yes
17	16	6.60	418	Yes
18	17	7.70	403	Yes
19	18	9.90	453	Yes
20	16	6.00	376	Yes
21	17	7.70	405	Yes
22	17	8.10	466	Yes
23	16	7.30	348	Yes
24	18	9.10	500	Yes
25	17	7.90	308	Yes
26	17	7.90	447	Yes
27	16	6.30	343	Yes
28	18	9.40	318	Yes
29	16	6.80	496	Yes
30	17	8.00	244	No

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	15	17.30	268	No
2	15	17.60	201	Yes
3	14	15.00	478	Yes
4	14	15.80	415	Yes
5	15	17.00	328	Yes
6	15	18.00	329	Yes
7	16	19.30	209	Yes
8	15	16.80	425	Yes
9	12	11.50	296	Yes
10	16	18.50	227	Yes
11	16	18.60	493	Yes
12	13	14.00	397	Yes
13	12	11.80	263	Yes
14	16	19.10	450	Yes
15	13	14.20	424	Yes
16	15	17.20	417	Yes
17	12	12.40	418	Yes
18	14	14.90	403	Yes
19	16	19.60	453	Yes
20	12	11.00	376	Yes
21	14	14.80	405	Yes
22	14	15.80	466	Yes
23	13	13.90	348	Yes
24	15	17.90	500	Yes
25	14	15.30	308	No
26	14	15.30	447	Yes
27	12	11.70	343	Yes
28	16	18.70	318	Yes
29	13	12.90	496	Yes
30	14	15.50	244	Yes

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

Trial Number:			1			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	84.7	16	1931	1568	655997
2	3	86.6	16	1508	1615	124923
3	2	72.4	16	1481	-	295880
4	2	76.5	16	1085	-	466307
5	2	83.2	16	1567	-	636213
6	3	88.7	16	1681	1836	103907
7	3	96.2	16	1381	1784	274099
8	2	82.1	16	1945	-	444890
9	1	53.1	16	-	-	616682
10	3	91.3	16	1048	1282	83100
11	3	92.2	16	1432	1071	253474
12	2	66.8	16	1698	-	424173
13	1	54.9	16	-	-	595517
14	3	94.6	16	1904	1502	62067
15	2	68.1	16	1254	-	232844
16	3	84.5	16	1692	1031	402525
17	1	57.9	16	-	-	574767
18						
19						
20						

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	71.7	16	1554	-	41212
2	3	97.6	16	1389	1302	211271
3	1	50.2	16	-	-	382972
4	2	71	16	1030	-	552949
5	2	76.4	16	1858	-	20197
6	1	66.2	16	-	-	191189
7	3	88.4	16	1334	1624	360357
8	2	74	16	1883	-	531228
9	2	73.6	16	1393	-	702167
10	1	54.3	16	-	-	170152
11	3	92.5	16	1772	1785	339142
12	1	60.5	16	-	-	511366
13	2	74.9	16	1230	-	681003
14	1	52	16	-	-	149045
15	3	100	16	1427	1717	318414
16	2	80.5	16	1603	-	489296
17	3	92	16	1867	1753	657689
18						
19						
20						

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

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.9	12	-	-	167423
2	2	81	12	1914	-	389945
3	3	90.8	12	1824	1126	612155
4	2	80.4	12	1093	-	837148
5	1	63.7	12	-	-	139843
6	1	61.6	12	-	-	363477
7	1	55.2	12	-	-	587123
8	2	76.3	12	1611	-	808888
9	2	74.4	12	1153	-	112218
10	3	92.3	12	1760	1309	334699
11	1	64.9	12	-	-	559274
12	3	90.6	12	1947	1520	779716
13	2	78.7	12	1179	-	84733
14						
15						
16						
17						
18						
19						
20						

Trial Number:			4			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	80.6	13	1264	-	286002
2	3	85.3	13	1986	1390	491679
3	1	66.3	13	-	-	701125
4	1	56.5	13	-	-	53213
5	2	80.9	13	1250	-	260425
6	1	53.5	13	-	-	468244
7	2	77.1	13	1961	-	674454
8	3	87.9	13	1150	1868	27546
9	1	58.2	13	-	-	235066
10	2	70.4	13	1726	-	441923
11	3	84	13	1558	1078	648427
12	1	52.4	13	-	-	2071
13	1	59.5	13	-	-	209661
14	3	84.4	13	1657	1067	415836
15						
16						
17						
18						
19						
20						

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

Trial Number:			5			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	1	53.7	15	-	-	546277
2	2	71.5	15	1863	-	726112
3	2	78.3	15	1322	-	160754
4	3	89.2	15	1129	1522	341268
5	3	92.3	15	1810	1442	521535
6	3	86.4	15	1759	1814	702619
7	1	62.9	15	-	-	138644
8	2	81.7	15	1040	-	319847
9	3	87.1	15	1761	1832	499596
10	3	93.7	15	1428	1009	681077
11	2	77.5	15	1830	-	115977
12	1	58	15	-	-	297616
13	3	85.9	15	1184	1660	477780
14	3	95	15	1565	1706	657665
15	3	94.7	15	1400	1635	93569
16	1	52	15	-	-	275345
17						
18						
19						
20						

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	73.9	17	1639	-	405012
2	2	73.4	17	1835	-	565673
3	3	83.5	17	1363	1876	63267
4	3	94.9	17	1743	1355	223803
5	2	73.8	17	1896	-	385337
6	1	57.2	17	-	-	547277
7	3	94.3	17	1614	1737	43465
8	2	68.4	17	1575	-	204391
9	2	71.2	17	1546	-	365693
10	3	96.4	17	1353	1884	524936
11	1	53.4	17	-	-	23828
12	1	54	17	-	-	185194
13	1	54.6	17	-	-	346593
14	1	60.6	17	-	-	508145
15	1	56.7	17	-	-	3965
16	2	77.9	17	1069	-	164985
17	1	54.1	17	-	-	326604
18	2	77.3	17	1470	-	487104
19						
20						

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

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	51.5	19	-	-	614737
2	1	54.7	19	-	-	137807
3	3	96.1	19	1801	1581	288774
4	1	53.1	19	-	-	443716
5	2	72.7	19	1763	-	594817
6	1	54.2	19	-	-	118969
7	1	65.8	19	-	-	271562
8	3	98.9	19	1139	1965	422192
9	3	98.2	19	1052	1551	574613
10	2	72.6	19	1997	-	99796
11	2	79	19	1967	-	252184
12	2	72.8	19	1790	-	404601
13	2	67.6	19	1299	-	556988
14	2	82.1	19	1159	-	81084
15	3	93.2	19	1017	1629	233073
16	1	56.2	19	-	-	386851
17	3	96.6	19	1276	1774	536689
18	1	60.6	19	-	-	62433
19	2	69	19	1827	-	214497
20						

Trial Number:			8			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	1	64.7	15	-	-	437128
2	1	60.6	15	-	-	618881
3	3	96.6	15	1569	1425	51593
4	2	77.3	15	1061	-	232966
5	1	59.9	15	-	-	415167
6	2	67.9	15	1249	-	595491
7	3	95.9	15	1023	1315	29395
8	2	82.9	15	1308	-	210525
9	1	58.9	15	-	-	392319
10	2	77	15	1878	-	572722
11	2	76.5	15	1305	-	7094
12	3	87	15	1916	1029	187930
13	3	99.6	15	1027	1073	369342
14	1	53.8	15	-	-	551509
15	1	58.6	15	-	-	733206
16	3	93.5	15	1869	1398	165468
17						
18						
19						
20						

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

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			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	90	6	1712	1054	694820
2	1	55.9	6	-	-	1059977
3	2	70.7	6	1518	-	1421797
4	1	50.6	6	-	-	288224
5	2	79.3	6	1813	-	650877
6	2	79.1	6	1519	-	1013638
7	2	74.9	6	1596	-	1377105
8	1	59	6	-	-	243359
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	71.6	18	1837	-	268530
2	3	89.4	18	1482	1944	428632
3	3	98.4	18	1963	1049	588949
4	2	78.7	18	1384	-	87955
5	2	71.3	18	1797	-	248889
6	1	60.8	18	-	-	410576
7	3	98.4	18	1926	1115	569775
8	1	64	18	-	-	68323
9	3	96.1	18	1715	1513	228650
10	1	58.9	18	-	-	391059
11	3	89.5	18	1469	1344	549646
12	2	66.7	18	1646	-	48290
13	1	55	18	-	-	209696
14	2	77.5	18	1564	-	370299
15	3	86.1	18	1485	1534	530255
16	3	85.3	18	1538	1658	28408
17	2	76.8	18	1620	-	189287
18	2	71.3	18	1187	-	350652
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DFS Radar Parameters
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Channel 60 Bandwidth 20MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	1	56.8	18	-	-	512196
2	2	71.9	18	1910	-	8645
3	2	71.6	18	1661	-	169612
4	3	85.6	18	1174	1809	329823
5	2	79.4	18	1013	-	491777
6	2	69	18	1405	-	652645
7	1	59	18	-	-	150009
8	3	88.7	18	1319	1710	310220
9	1	53.2	18	-	-	473049
10	1	50.2	18	-	-	634521
11	2	75.8	18	1157	-	129985
12	1	59.9	18	-	-	291541
13	3	89.7	18	1310	1866	450963
14	3	85.6	18	1501	1930	610902
15	3	85.8	18	1956	1228	109833
16	3	87.5	18	1224	1460	270414
17	1	55.6	18	-	-	433154
18	2	70.6	18	1839	-	593072
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	69.6	10	1767	-	135619
2	2	67.1	10	1697	-	377525
3	1	61.6	10	-	-	620351
4	3	98.2	10	1084	1532	860311
5	2	78.7	10	1025	-	105891
6	1	62.5	10	-	-	348033
7	3	90.9	10	1170	1088	589284
8	3	90.7	10	1994	1563	829695
9	1	64.3	10	-	-	76230
10	3	92	10	1696	1055	317604
11	3	88.5	10	1278	1861	558643
12	1	62.5	10	-	-	802449
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Channel 60 Bandwidth 20MHz

Trial Number:			13			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	2	69.9	6	1466	-	61797
2	3	85.5	6	1723	1057	384031
3	2	73.8	6	1382	-	707297
4	1	58	6	-	-	1031091
5	2	72.2	6	1627	-	22046
6	1	53	6	-	-	345000
7	3	87.5	6	1147	1307	666856
8	3	86.1	6	1529	1441	989001
9	1	59.9	6	-	-	1313683
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Trial Number:			14			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	2	79.4	19	1324	-	144142
2	2	69.7	19	1656	-	296382
3	2	82.7	19	1789	-	448446
4	1	57.5	19	-	-	602814
5	3	98.2	19	1937	1915	124865
6	3	88.2	19	1807	1928	276885
7	3	86.2	19	1236	1467	429638
8	2	69.2	19	1385	-	582602
9	1	53.9	19	-	-	106814
10	2	81	19	1838	-	258642
11	2	67.6	19	1641	-	411225
12	2	71.8	19	1670	-	563475
13	1	65.5	19	-	-	88006
14	1	65.7	19	-	-	240707
15	1	59.7	19	-	-	393889
16	1	59.6	19	-	-	546448
17	1	58.7	19	-	-	69148
18	3	93.2	19	1420	1787	220694
19	1	59.1	19	-	-	374867
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Channel 60 Bandwidth 20MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	3	94.8	10	1246	1690	833550
2	3	88.8	10	1745	1378	79461
3	1	54.6	10	-	-	322047
4	2	67.1	10	1815	-	562796
5	1	50.2	10	-	-	806607
6	3	90.8	10	1833	1101	49778
7	2	80.4	10	1413	-	291600
8	3	90.4	10	1693	1323	532507
9	3	86.1	10	1958	1151	773838
10	2	81.7	10	1604	-	20035
11	1	63.3	10	-	-	262118
12	2	82.7	10	1583	-	503732
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	100	16	1850	1704	557062
2	2	69.6	16	1186	-	739537
3	1	60.6	16	-	-	174311
4	3	90.2	16	1206	1746	354499
5	3	97.5	16	1354	1733	534821
6	2	79	16	1422	-	717739
7	3	90.6	16	1217	1312	151264
8	2	80.5	16	1822	-	332601
9	2	74.3	16	1007	-	514051
10	1	54.7	16	-	-	696836
11	2	71.4	16	1996	-	129075
12	1	60.4	16	-	-	310899
13	1	61	16	-	-	492448
14	2	70.8	16	1164	-	672973
15	3	90.7	16	1860	1118	106677
16	1	54.4	16	-	-	288671
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	2	69.8	7	1095	-	752035
2	1	64.1	7	-	-	1043689
3	3	98.4	7	1435	1144	135433
4	1	63.5	7	-	-	426376
5	1	59.8	7	-	-	716984
6	2	78.4	7	1907	-	1006358
7	3	91.4	7	1991	1998	99601
8	2	71.1	7	1439	-	389997
9	2	74.7	7	1859	-	680202
10	1	52.5	7	-	-	972241
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Trial Number:			18			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	2	82.5	11	1292	-	49263
2	2	66.7	11	1577	-	272453
3	2	67.8	11	1579	-	495469
4	3	97.9	11	1622	1633	717131
5	1	50	11	-	-	21786
6	3	87.6	11	1189	1338	244661
7	3	90.6	11	1499	1258	467517
8	3	98.3	11	1037	1948	690171
9	2	67.6	11	1387	-	914506
10	1	52.1	11	-	-	217686
11	1	54.8	11	-	-	441485
12	2	75.5	11	1351	-	664152
13	1	62.2	11	-	-	888139
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Trial Number:			19			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	2	80.7	20	1730	-	123242
2	2	68.1	20	1172	-	267977
3	1	62.6	20	-	-	413679
4	3	84.8	20	1392	1890	555951
5	3	90	20	1419	1496	105163
6	2	67.4	20	1732	-	250303
7	3	94.2	20	1671	1613	394110
8	1	56.1	20	-	-	540938
9	2	79.4	20	1041	-	87667
10	1	50	20	-	-	232979
11	2	75.9	20	1683	-	376749
12	2	70.6	20	1444	-	522077
13	2	72	20	1762	-	69731
14	2	83.3	20	1664	-	214376
15	3	99.9	20	1377	1973	357974
16	2	72.9	20	1781	-	504239
17	2	71.5	20	1938	-	51882
18	2	78.3	20	1010	-	196780
19	3	89.6	20	1665	1080	340713
20	1	65.5	20	-	-	487548

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5292			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	94.9	5	1225	1245	85373
2	3	96.5	5	1289	1654	447948
3	2	73.9	5	1498	-	811606
4	1	62.7	5	-	-	1175753
5	2	76.5	5	1404	-	40701
6	1	54.7	5	-	-	404189
7	3	83.9	5	1921	1195	766189
8	2	69.8	5	1932	-	1129728
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DFS Radar Parameters
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Channel 60 Bandwidth 20MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			13			
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	1	62.7	11	-	-	918845
2	1	53.1	11	-	-	221037
3	3	88.6	11	1429	1946	442675
4	3	99.7	11	1424	1808	665802
5	3	94.4	11	1549	1724	888563
6	1	51.8	11	-	-	193440
7	2	67.7	11	1805	-	416242
8	3	95.4	11	1180	1905	638657
9	3	97.2	11	1243	1175	861959
10	3	93.6	11	1391	1709	165436
11	1	51.3	11	-	-	389600
12	1	53.7	11	-	-	613181
13	2	80.6	11	1277	-	835317
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Trial Number:			22			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	3	96.5	13	1616	1892	128036
2	1	53.1	13	-	-	336187
3	1	66.6	13	-	-	543850
4	3	91.9	13	1493	1099	748448
5	2	77.2	13	1571	-	102733
6	2	78.1	13	1046	-	310002
7	1	54.2	13	-	-	518298
8	3	90.8	13	1975	1446	722512
9	2	75.3	13	1751	-	77255
10	3	96.2	13	1124	1119	284307
11	2	73.8	13	1416	-	491784
12	1	65.3	13	-	-	699722
13	1	60	13	-	-	51845
14	2	67.4	13	1764	-	258800
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Trial Number:			23			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	84.2	10	1358	1951	542884
2	3	94.3	10	1755	1480	784065
3	3	100	10	1527	1580	30568
4	1	58.3	10	-	-	272871
5	3	85.2	10	1601	1125	513554
6	3	83.6	10	1768	1283	755235
7	2	74.3	10	1209	-	839
8	3	93.4	10	1407	1626	242358
9	2	76.2	10	1106	-	484654
10	1	61.5	10	-	-	727696
11	2	76.3	10	1705	-	967903
12	2	76.3	10	1993	-	212720
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	70.1	17	1212	-	320830
2	1	65.6	17	-	-	492032
3	1	54.4	17	-	-	662905
4	2	75.8	17	1457	-	129045
5	2	77.9	17	1332	-	299822
6	2	77	17	1582	-	470054
7	3	85.8	17	1792	1873	638550
8	3	84.9	17	1229	1791	107869
9	3	98.5	17	1555	1314	277842
10	3	93.4	17	1039	1311	448314
11	1	57.2	17	-	-	621057
12	2	70.9	17	1053	-	87182
13	3	99.3	17	1364	1295	257196
14	2	76.7	17	1279	-	428386
15	2	79.6	17	1028	-	598764
16	2	79.1	17	1447	-	66065
17	3	87.5	17	1754	1820	235709
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Trial Number:			25			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	1	57	12	-	-	495458
2	1	64.8	12	-	-	703122
3	3	84.4	12	1853	1167	54646
4	3	84.4	12	1479	1001	261498
5	3	84.5	12	1796	1127	468111
6	3	83.5	12	1293	1560	675304
7	1	51	12	-	-	29302
8	3	97.3	12	1770	1148	235888
9	3	85.3	12	1812	1357	442925
10	1	66.1	12	-	-	651976
11	2	70.1	12	1703	-	3737
12	1	56.2	12	-	-	211259
13	1	53	12	-	-	418907
14	2	76.9	12	1953	-	624706
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Trial Number:			26			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	1	55.1	12	-	-	833576
2	1	65.6	12	-	-	185660
3	1	50.9	12	-	-	393098
4	1	57.9	12	-	-	600986
5	3	88.7	12	1414	1855	804884
6	3	86.4	12	1977	1183	159589
7	3	99.6	12	1779	1666	366354
8	2	68.2	12	1313	-	574360
9	3	96.9	12	1647	1231	780060
10	2	79.5	12	1898	-	134305
11	2	75.1	12	1845	-	341555
12	2	68.9	12	1136	-	548825
13	3	90.9	12	1266	1374	755036
14	3	87.1	12	1205	1440	108720
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Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	79	6	1547	-	492246
2	1	59.1	6	-	-	815470
3	1	58.5	6	-	-	1139052
4	1	54	6	-	-	129951
5	3	95.3	6	1885	1540	451760
6	1	55.9	6	-	-	775891
7	2	69.2	6	1682	-	1097459
8	3	96.8	6	1178	1976	89897
9	3	92	6	1068	1301	412356
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	3	92	18	1096	1320	347122
2	3	85.6	18	1121	1346	499131
3	2	82.1	18	1221	-	23774
4	1	53.3	18	-	-	176741
5	2	78.5	18	1471	-	328676
6	3	92.7	18	1284	1848	479805
7	1	60.8	18	-	-	4989
8	1	65.7	18	-	-	157676
9	2	78.7	18	1911	-	309678
10	3	95.4	18	1024	1495	461287
11	1	66.4	18	-	-	616574
12	1	52.1	18	-	-	138996
13	1	55.3	18	-	-	291797
14	3	98.4	18	1173	1388	442764
15	2	68.7	18	1166	-	596559
16	3	90.9	18	1362	1608	119524
17	3	92.8	18	1019	1296	272137
18	3	87.9	18	1092	1317	423967
19	3	88.9	18	1668	1507	575454
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Trial Number:			29			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	67.9	8	1535	-	192426
2	1	54.8	8	-	-	483353
3	1	59.2	8	-	-	774084
4	1	65.5	8	-	-	1064814
5	3	92.7	8	1110	1348	156563
6	1	64	8	-	-	447759
7	2	68.2	8	1901	-	737342
8	2	76.1	8	1678	-	1027411
9	1	57.6	8	-	-	121134
10	1	66.1	8	-	-	411730
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Trial Number:			30			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	1	61	12	-	-	501249
2	3	97.1	12	1844	1543	706401
3	1	57.7	12	-	-	60944
4	1	58.3	12	-	-	268326
5	2	73.7	12	1769	-	474846
6	1	58.9	12	-	-	683832
7	2	72.3	12	1366	-	35316
8	1	56.5	12	-	-	242990
9	2	83	12	1410	-	449574
10	2	71	12	1089	-	657329
11	2	75.5	12	1200	-	9786
12	3	86.1	12	1492	1740	216592
13	1	63.8	12	-	-	424792
14	3	96.4	12	1443	1631	629862
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Channel 62 Bandwidth 40MHz

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	4	1730.10	578	Yes
2	19	1138.95	878	Yes
3	12	1355.01	738	Yes
4	1	1930.50	518	Yes
5	13	1319.26	758	Yes
6	6	1618.12	618	Yes
7	22	1066.10	938	Yes
8	5	1672.24	598	Yes
9	2	1858.74	538	Yes
10	8	1519.76	658	Yes
11	15	1253.13	798	Yes
12	3	1792.11	558	Yes
13	16	1222.49	818	Yes
14	21	1089.32	918	Yes
15	11	1392.76	718	Yes
16		464.47	2153	Yes
17		523.83	1909	Yes
18		551.88	1812	Yes
19		327.12	3057	Yes
20		1466.28	682	Yes
21		349.41	2862	Yes
22		415.80	2405	Yes
23		613.12	1631	Yes
24		704.23	1420	Yes
25		467.73	2138	Yes
26		697.35	1434	Yes
27		810.37	1234	Yes
28		515.46	1940	Yes
29		562.75	1777	Yes
30		367.92	2718	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	27	3.80	169	Yes
2	28	3.90	187	Yes
3	26	2.80	199	Yes
4	26	3.10	177	Yes
5	27	3.70	190	Yes
6	28	4.10	209	Yes
7	29	4.70	220	Yes
8	27	3.60	161	Yes
9	23	1.20	217	Yes
10	28	4.30	200	Yes
11	28	4.40	192	Yes
12	25	2.30	206	Yes
13	23	1.40	189	Yes
14	29	4.60	164	Yes
15	25	2.40	196	Yes
16	27	3.80	198	Yes
17	24	1.60	183	Yes
18	26	2.70	228	Yes
19	29	4.90	152	Yes
20	23	1.00	223	Yes
21	25	2.70	165	Yes
22	26	3.10	219	Yes
23	25	2.30	195	Yes
24	28	4.10	168	Yes
25	26	2.90	212	Yes
26	26	2.90	185	Yes
27	23	1.30	174	Yes
28	28	4.40	193	Yes
29	24	1.80	160	Yes
30	26	3.00	151	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	18	8.80	268	Yes
2	18	8.90	201	Yes
3	17	7.80	478	Yes
4	17	8.10	415	Yes
5	17	8.70	328	Yes
6	18	9.10	329	Yes
7	18	9.70	209	Yes
8	17	8.60	425	Yes
9	16	6.20	296	Yes
10	18	9.30	227	Yes
11	18	9.40	493	Yes
12	17	7.30	397	Yes
13	16	6.40	263	Yes
14	18	9.60	450	Yes
15	17	7.40	424	Yes
16	18	8.80	417	Yes
17	16	6.60	418	Yes
18	17	7.70	403	Yes
19	18	9.90	453	Yes
20	16	6.00	376	Yes
21	17	7.70	405	Yes
22	17	8.10	466	Yes
23	16	7.30	348	Yes
24	18	9.10	500	Yes
25	17	7.90	308	Yes
26	17	7.90	447	Yes
27	16	6.30	343	Yes
28	18	9.40	318	Yes
29	16	6.80	496	Yes
30	17	8.00	244	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	15	17.30	268	Yes
2	15	17.60	201	Yes
3	14	15.00	478	Yes
4	14	15.80	415	Yes
5	15	17.00	328	Yes
6	15	18.00	329	Yes
7	16	19.30	209	Yes
8	15	16.80	425	Yes
9	12	11.50	296	Yes
10	16	18.50	227	Yes
11	16	18.60	493	Yes
12	13	14.00	397	Yes
13	12	11.80	263	No
14	16	19.10	450	Yes
15	13	14.20	424	Yes
16	15	17.20	417	Yes
17	12	12.40	418	No
18	14	14.90	403	Yes
19	16	19.60	453	Yes
20	12	11.00	376	Yes
21	14	14.80	405	Yes
22	14	15.80	466	Yes
23	13	13.90	348	Yes
24	15	17.90	500	Yes
25	14	15.30	308	Yes
26	14	15.30	447	Yes
27	12	11.70	343	No
28	16	18.70	318	Yes
29	13	12.90	496	Yes
30	14	15.50	244	Yes

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

Trial Number:			1			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	84.7	16	1931	1568	655997
2	3	86.6	16	1508	1615	124923
3	2	72.4	16	1481	-	295880
4	2	76.5	16	1085	-	466307
5	2	83.2	16	1567	-	636213
6	3	88.7	16	1681	1836	103907
7	3	96.2	16	1381	1784	274099
8	2	82.1	16	1945	-	444890
9	1	53.1	16	-	-	616682
10	3	91.3	16	1048	1282	83100
11	3	92.2	16	1432	1071	253474
12	2	66.8	16	1698	-	424173
13	1	54.9	16	-	-	595517
14	3	94.6	16	1904	1502	62067
15	2	68.1	16	1254	-	232844
16	3	84.5	16	1692	1031	402525
17	1	57.9	16	-	-	574767
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19						
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	71.7	16	1554	-	41212
2	3	97.6	16	1389	1302	211271
3	1	50.2	16	-	-	382972
4	2	71	16	1030	-	552949
5	2	76.4	16	1858	-	20197
6	1	66.2	16	-	-	191189
7	3	88.4	16	1334	1624	360357
8	2	74	16	1883	-	531228
9	2	73.6	16	1393	-	702167
10	1	54.3	16	-	-	170152
11	3	92.5	16	1772	1785	339142
12	1	60.5	16	-	-	511366
13	2	74.9	16	1230	-	681003
14	1	52	16	-	-	149045
15	3	100	16	1427	1717	318414
16	2	80.5	16	1603	-	489296
17	3	92	16	1867	1753	657689
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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:			13			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.9	12	-	-	167423
2	2	81	12	1914	-	389945
3	3	90.8	12	1824	1126	612155
4	2	80.4	12	1093	-	837148
5	1	63.7	12	-	-	139843
6	1	61.6	12	-	-	363477
7	1	55.2	12	-	-	587123
8	2	76.3	12	1611	-	808888
9	2	74.4	12	1153	-	112218
10	3	92.3	12	1760	1309	334699
11	1	64.9	12	-	-	559274
12	3	90.6	12	1947	1520	779716
13	2	78.7	12	1179	-	84733
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Trial Number:			4			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	80.6	13	1264	-	286002
2	3	85.3	13	1986	1390	491679
3	1	66.3	13	-	-	701125
4	1	56.5	13	-	-	53213
5	2	80.9	13	1250	-	260425
6	1	53.5	13	-	-	468244
7	2	77.1	13	1961	-	674454
8	3	87.9	13	1150	1868	27546
9	1	58.2	13	-	-	235066
10	2	70.4	13	1726	-	441923
11	3	84	13	1558	1078	648427
12	1	52.4	13	-	-	2071
13	1	59.5	13	-	-	209661
14	3	84.4	13	1657	1067	415836
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			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	1	53.7	15	-	-	546277
2	2	71.5	15	1863	-	726112
3	2	78.3	15	1322	-	160754
4	3	89.2	15	1129	1522	341268
5	3	92.3	15	1810	1442	521535
6	3	86.4	15	1759	1814	702619
7	1	62.9	15	-	-	138644
8	2	81.7	15	1040	-	319847
9	3	87.1	15	1761	1832	499596
10	3	93.7	15	1428	1009	681077
11	2	77.5	15	1830	-	115977
12	1	58	15	-	-	297616
13	3	85.9	15	1184	1660	477780
14	3	95	15	1565	1706	657665
15	3	94.7	15	1400	1635	93569
16	1	52	15	-	-	275345
17						
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5310			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	73.9	17	1639	-	405012
2	2	73.4	17	1835	-	565673
3	3	83.5	17	1363	1876	63267
4	3	94.9	17	1743	1355	223803
5	2	73.8	17	1896	-	385337
6	1	57.2	17	-	-	547277
7	3	94.3	17	1614	1737	43465
8	2	68.4	17	1575	-	204391
9	2	71.2	17	1546	-	365693
10	3	96.4	17	1353	1884	524936
11	1	53.4	17	-	-	23828
12	1	54	17	-	-	185194
13	1	54.6	17	-	-	346593
14	1	60.6	17	-	-	508145
15	1	56.7	17	-	-	3965
16	2	77.9	17	1069	-	164985
17	1	54.1	17	-	-	326604
18	2	77.3	17	1470	-	487104
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	51.5	19	-	-	614737
2	1	54.7	19	-	-	137807
3	3	96.1	19	1801	1581	288774
4	1	53.1	19	-	-	443716
5	2	72.7	19	1763	-	594817
6	1	54.2	19	-	-	118969
7	1	65.8	19	-	-	271562
8	3	98.9	19	1139	1965	422192
9	3	98.2	19	1052	1551	574613
10	2	72.6	19	1997	-	99796
11	2	79	19	1967	-	252184
12	2	72.8	19	1790	-	404601
13	2	67.6	19	1299	-	556988
14	2	82.1	19	1159	-	81084
15	3	93.2	19	1017	1629	233073
16	1	56.2	19	-	-	386851
17	3	96.6	19	1276	1774	536689
18	1	60.6	19	-	-	62433
19	2	69	19	1827	-	214497
20						

Trial Number:			8			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	1	64.7	15	-	-	437128
2	1	60.6	15	-	-	618881
3	3	96.6	15	1569	1425	51593
4	2	77.3	15	1061	-	232966
5	1	59.9	15	-	-	415167
6	2	67.9	15	1249	-	595491
7	3	95.9	15	1023	1315	29395
8	2	82.9	15	1308	-	210525
9	1	58.9	15	-	-	392319
10	2	77	15	1878	-	572722
11	2	76.5	15	1305	-	7094
12	3	87	15	1916	1029	187930
13	3	99.6	15	1027	1073	369342
14	1	53.8	15	-	-	551509
15	1	58.6	15	-	-	733206
16	3	93.5	15	1869	1398	165468
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	90	6	1712	1054	694820
2	1	55.9	6	-	-	1059977
3	2	70.7	6	1518	-	1421797
4	1	50.6	6	-	-	288224
5	2	79.3	6	1813	-	650877
6	2	79.1	6	1519	-	1013638
7	2	74.9	6	1596	-	1377105
8	1	59	6	-	-	243359
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	71.6	18	1837	-	268530
2	3	89.4	18	1482	1944	428632
3	3	98.4	18	1963	1049	588949
4	2	78.7	18	1384	-	87955
5	2	71.3	18	1797	-	248889
6	1	60.8	18	-	-	410576
7	3	98.4	18	1926	1115	569775
8	1	64	18	-	-	68323
9	3	96.1	18	1715	1513	228650
10	1	58.9	18	-	-	391059
11	3	89.5	18	1469	1344	549646
12	2	66.7	18	1646	-	48290
13	1	55	18	-	-	209696
14	2	77.5	18	1564	-	370299
15	3	86.1	18	1485	1534	530255
16	3	85.3	18	1538	1658	28408
17	2	76.8	18	1620	-	189287
18	2	71.3	18	1187	-	350652
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	1	56.8	18	-	-	512196
2	2	71.9	18	1910	-	8645
3	2	71.6	18	1661	-	169612
4	3	85.6	18	1174	1809	329823
5	2	79.4	18	1013	-	491777
6	2	69	18	1405	-	652645
7	1	59	18	-	-	150009
8	3	88.7	18	1319	1710	310220
9	1	53.2	18	-	-	473049
10	1	50.2	18	-	-	634521
11	2	75.8	18	1157	-	129985
12	1	59.9	18	-	-	291541
13	3	89.7	18	1310	1866	450963
14	3	85.6	18	1501	1930	610902
15	3	85.8	18	1956	1228	109833
16	3	87.5	18	1224	1460	270414
17	1	55.6	18	-	-	433154
18	2	70.6	18	1839	-	593072
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	2	69.6	10	1767	-	135619
2	2	67.1	10	1697	-	377525
3	1	61.6	10	-	-	620351
4	3	98.2	10	1084	1532	860311
5	2	78.7	10	1025	-	105891
6	1	62.5	10	-	-	348033
7	3	90.9	10	1170	1088	589284
8	3	90.7	10	1994	1563	829695
9	1	64.3	10	-	-	76230
10	3	92	10	1696	1055	317604
11	3	88.5	10	1278	1861	558643
12	1	62.5	10	-	-	802449
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5291			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	69.9	6	1466	-	61797
2	3	85.5	6	1723	1057	384031
3	2	73.8	6	1382	-	707297
4	1	58	6	-	-	1031091
5	2	72.2	6	1627	-	22046
6	1	53	6	-	-	345000
7	3	87.5	6	1147	1307	666856
8	3	86.1	6	1529	1441	989001
9	1	59.9	6	-	-	1313683
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	2	79.4	19	1324	-	144142
2	2	69.7	19	1656	-	296382
3	2	82.7	19	1789	-	448446
4	1	57.5	19	-	-	602814
5	3	98.2	19	1937	1915	124865
6	3	88.2	19	1807	1928	276885
7	3	86.2	19	1236	1467	429638
8	2	69.2	19	1385	-	582602
9	1	53.9	19	-	-	106814
10	2	81	19	1838	-	258642
11	2	67.6	19	1641	-	411225
12	2	71.8	19	1670	-	563475
13	1	65.5	19	-	-	88006
14	1	65.7	19	-	-	240707
15	1	59.7	19	-	-	393889
16	1	59.6	19	-	-	546448
17	1	58.7	19	-	-	69148
18	3	93.2	19	1420	1787	220694
19	1	59.1	19	-	-	374867
20						

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

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	3	94.8	10	1246	1690	833550
2	3	88.8	10	1745	1378	79461
3	1	54.6	10	-	-	322047
4	2	67.1	10	1815	-	562796
5	1	50.2	10	-	-	806607
6	3	90.8	10	1833	1101	49778
7	2	80.4	10	1413	-	291600
8	3	90.4	10	1693	1323	532507
9	3	86.1	10	1958	1151	773838
10	2	81.7	10	1604	-	20035
11	1	63.3	10	-	-	262118
12	2	82.7	10	1583	-	503732
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	100	16	1850	1704	557062
2	2	69.6	16	1186	-	739537
3	1	60.6	16	-	-	174311
4	3	90.2	16	1206	1746	354499
5	3	97.5	16	1354	1733	534821
6	2	79	16	1422	-	717739
7	3	90.6	16	1217	1312	151264
8	2	80.5	16	1822	-	332601
9	2	74.3	16	1007	-	514051
10	1	54.7	16	-	-	696836
11	2	71.4	16	1996	-	129075
12	1	60.4	16	-	-	310899
13	1	61	16	-	-	492448
14	2	70.8	16	1164	-	672973
15	3	90.7	16	1860	1118	106677
16	1	54.4	16	-	-	288671
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5291			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	69.8	7	1095	-	752035
2	1	64.1	7	-	-	1043689
3	3	98.4	7	1435	1144	135433
4	1	63.5	7	-	-	426376
5	1	59.8	7	-	-	716984
6	2	78.4	7	1907	-	1006358
7	3	91.4	7	1991	1998	99601
8	2	71.1	7	1439	-	389997
9	2	74.7	7	1859	-	680202
10	1	52.5	7	-	-	972241
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			13			
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	2	82.5	11	1292	-	49263
2	2	66.7	11	1577	-	272453
3	2	67.8	11	1579	-	495469
4	3	97.9	11	1622	1633	717131
5	1	50	11	-	-	21786
6	3	87.6	11	1189	1338	244661
7	3	90.6	11	1499	1258	467517
8	3	98.3	11	1037	1948	690171
9	2	67.6	11	1387	-	914506
10	1	52.1	11	-	-	217686
11	1	54.8	11	-	-	441485
12	2	75.5	11	1351	-	664152
13	1	62.2	11	-	-	888139
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			20			
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	2	80.7	20	1730	-	123242
2	2	68.1	20	1172	-	267977
3	1	62.6	20	-	-	413679
4	3	84.8	20	1392	1890	555951
5	3	90	20	1419	1496	105163
6	2	67.4	20	1732	-	250303
7	3	94.2	20	1671	1613	394110
8	1	56.1	20	-	-	540938
9	2	79.4	20	1041	-	87667
10	1	50	20	-	-	232979
11	2	75.9	20	1683	-	376749
12	2	70.6	20	1444	-	522077
13	2	72	20	1762	-	69731
14	2	83.3	20	1664	-	214376
15	3	99.9	20	1377	1973	357974
16	2	72.9	20	1781	-	504239
17	2	71.5	20	1938	-	51882
18	2	78.3	20	1010	-	196780
19	3	89.6	20	1665	1080	340713
20	1	65.5	20	-	-	487548

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5291			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	94.9	5	1225	1245	85373
2	3	96.5	5	1289	1654	447948
3	2	73.9	5	1498	-	811606
4	1	62.7	5	-	-	1175753
5	2	76.5	5	1404	-	40701
6	1	54.7	5	-	-	404189
7	3	83.9	5	1921	1195	766189
8	2	69.8	5	1932	-	1129728
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			13			
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	62.7	11	-	-	918845
2	1	53.1	11	-	-	221037
3	3	88.6	11	1429	1946	442675
4	3	99.7	11	1424	1808	665802
5	3	94.4	11	1549	1724	888563
6	1	51.8	11	-	-	193440
7	2	67.7	11	1805	-	416242
8	3	95.4	11	1180	1905	638657
9	3	97.2	11	1243	1175	861959
10	3	93.6	11	1391	1709	165436
11	1	51.3	11	-	-	389600
12	1	53.7	11	-	-	613181
13	2	80.6	11	1277	-	835317
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	96.5	13	1616	1892	128036
2	1	53.1	13	-	-	336187
3	1	66.6	13	-	-	543850
4	3	91.9	13	1493	1099	748448
5	2	77.2	13	1571	-	102733
6	2	78.1	13	1046	-	310002
7	1	54.2	13	-	-	518298
8	3	90.8	13	1975	1446	722512
9	2	75.3	13	1751	-	77255
10	3	96.2	13	1124	1119	284307
11	2	73.8	13	1416	-	491784
12	1	65.3	13	-	-	699722
13	1	60	13	-	-	51845
14	2	67.4	13	1764	-	258800
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	3	84.2	10	1358	1951	542884
2	3	94.3	10	1755	1480	784065
3	3	100	10	1527	1580	30568
4	1	58.3	10	-	-	272871
5	3	85.2	10	1601	1125	513554
6	3	83.6	10	1768	1283	755235
7	2	74.3	10	1209	-	839
8	3	93.4	10	1407	1626	242358
9	2	76.2	10	1106	-	484654
10	1	61.5	10	-	-	727696
11	2	76.3	10	1705	-	967903
12	2	76.3	10	1993	-	212720
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	70.1	17	1212	-	320830
2	1	65.6	17	-	-	492032
3	1	54.4	17	-	-	662905
4	2	75.8	17	1457	-	129045
5	2	77.9	17	1332	-	299822
6	2	77	17	1582	-	470054
7	3	85.8	17	1792	1873	638550
8	3	84.9	17	1229	1791	107869
9	3	98.5	17	1555	1314	277842
10	3	93.4	17	1039	1311	448314
11	1	57.2	17	-	-	621057
12	2	70.9	17	1053	-	87182
13	3	99.3	17	1364	1295	257196
14	2	76.7	17	1279	-	428386
15	2	79.6	17	1028	-	598764
16	2	79.1	17	1447	-	66065
17	3	87.5	17	1754	1820	235709
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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:			14			
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	57	12	-	-	495458
2	1	64.8	12	-	-	703122
3	3	84.4	12	1853	1167	54646
4	3	84.4	12	1479	1001	261498
5	3	84.5	12	1796	1127	468111
6	3	83.5	12	1293	1560	675304
7	1	51	12	-	-	29302
8	3	97.3	12	1770	1148	235888
9	3	85.3	12	1812	1357	442925
10	1	66.1	12	-	-	651976
11	2	70.1	12	1703	-	3737
12	1	56.2	12	-	-	211259
13	1	53	12	-	-	418907
14	2	76.9	12	1953	-	624706
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	55.1	12	-	-	833576
2	1	65.6	12	-	-	185660
3	1	50.9	12	-	-	393098
4	1	57.9	12	-	-	600986
5	3	88.7	12	1414	1855	804884
6	3	86.4	12	1977	1183	159589
7	3	99.6	12	1779	1666	366354
8	2	68.2	12	1313	-	574360
9	3	96.9	12	1647	1231	780060
10	2	79.5	12	1898	-	134305
11	2	75.1	12	1845	-	341555
12	2	68.9	12	1136	-	548825
13	3	90.9	12	1266	1374	755036
14	3	87.1	12	1205	1440	108720
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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:			9			
Chirp Center Frequency:			5329			Yes
Burst	Number of Pulses	Pulse 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	6	1547	-	492246
2	1	59.1	6	-	-	815470
3	1	58.5	6	-	-	1139052
4	1	54	6	-	-	129951
5	3	95.3	6	1885	1540	451760
6	1	55.9	6	-	-	775891
7	2	69.2	6	1682	-	1097459
8	3	96.8	6	1178	1976	89897
9	3	92	6	1068	1301	412356
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5324			Yes
Burst	Number of Pulses	Pulse 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	18	1096	1320	347122
2	3	85.6	18	1121	1346	499131
3	2	82.1	18	1221	-	23774
4	1	53.3	18	-	-	176741
5	2	78.5	18	1471	-	328676
6	3	92.7	18	1284	1848	479805
7	1	60.8	18	-	-	4989
8	1	65.7	18	-	-	157676
9	2	78.7	18	1911	-	309678
10	3	95.4	18	1024	1495	461287
11	1	66.4	18	-	-	616574
12	1	52.1	18	-	-	138996
13	1	55.3	18	-	-	291797
14	3	98.4	18	1173	1388	442764
15	2	68.7	18	1166	-	596559
16	3	90.9	18	1362	1608	119524
17	3	92.8	18	1019	1296	272137
18	3	87.9	18	1092	1317	423967
19	3	88.9	18	1668	1507	575454
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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:			10			
Chirp Center Frequency:			5328			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	67.9	8	1535	-	192426
2	1	54.8	8	-	-	483353
3	1	59.2	8	-	-	774084
4	1	65.5	8	-	-	1064814
5	3	92.7	8	1110	1348	156563
6	1	64	8	-	-	447759
7	2	68.2	8	1901	-	737342
8	2	76.1	8	1678	-	1027411
9	1	57.6	8	-	-	121134
10	1	66.1	8	-	-	411730
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	61	12	-	-	501249
2	3	97.1	12	1844	1543	706401
3	1	57.7	12	-	-	60944
4	1	58.3	12	-	-	268326
5	2	73.7	12	1769	-	474846
6	1	58.9	12	-	-	683832
7	2	72.3	12	1366	-	35316
8	1	56.5	12	-	-	242990
9	2	83	12	1410	-	449574
10	2	71	12	1089	-	657329
11	2	75.5	12	1200	-	9786
12	3	86.1	12	1492	1740	216592
13	1	63.8	12	-	-	424792
14	3	96.4	12	1443	1631	629862
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Channel 58 Bandwidth 80MHz

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	4	1730.10	578	Yes
2	19	1138.95	878	Yes
3	12	1355.01	738	Yes
4	1	1930.50	518	Yes
5	13	1319.26	758	Yes
6	6	1618.12	618	Yes
7	22	1066.10	938	Yes
8	5	1672.24	598	Yes
9	2	1858.74	538	Yes
10	8	1519.76	658	Yes
11	15	1253.13	798	Yes
12	3	1792.11	558	Yes
13	16	1222.49	818	Yes
14	21	1089.32	918	Yes
15	11	1392.76	718	Yes
16		464.47	2153	Yes
17		523.83	1909	Yes
18		551.88	1812	Yes
19		327.12	3057	Yes
20		1466.28	682	Yes
21		349.41	2862	Yes
22		415.80	2405	Yes
23		613.12	1631	Yes
24		704.23	1420	Yes
25		467.73	2138	Yes
26		697.35	1434	Yes
27		810.37	1234	Yes
28		515.46	1940	Yes
29		562.75	1777	Yes
30		367.92	2718	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	27	3.80	169	No
2	28	3.90	187	Yes
3	26	2.80	199	Yes
4	26	3.10	177	Yes
5	27	3.70	190	Yes
6	28	4.10	209	Yes
7	29	4.70	220	Yes
8	27	3.60	161	Yes
9	23	1.20	217	Yes
10	28	4.30	200	Yes
11	28	4.40	192	Yes
12	25	2.30	206	Yes
13	23	1.40	189	Yes
14	29	4.60	164	Yes
15	25	2.40	196	Yes
16	27	3.80	198	Yes
17	24	1.60	183	Yes
18	26	2.70	228	Yes
19	29	4.90	152	Yes
20	23	1.00	223	No
21	25	2.70	165	Yes
22	26	3.10	219	Yes
23	25	2.30	195	Yes
24	28	4.10	168	Yes
25	26	2.90	212	Yes
26	26	2.90	185	Yes
27	23	1.30	174	Yes
28	28	4.40	193	Yes
29	24	1.80	160	Yes
30	26	3.00	151	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	18	8.80	268	Yes
2	18	8.90	201	Yes
3	17	7.80	478	Yes
4	17	8.10	415	Yes
5	17	8.70	328	Yes
6	18	9.10	329	No
7	18	9.70	209	Yes
8	17	8.60	425	Yes
9	16	6.20	296	Yes
10	18	9.30	227	Yes
11	18	9.40	493	Yes
12	17	7.30	397	Yes
13	16	6.40	263	Yes
14	18	9.60	450	Yes
15	17	7.40	424	Yes
16	18	8.80	417	Yes
17	16	6.60	418	Yes
18	17	7.70	403	Yes
19	18	9.90	453	Yes
20	16	6.00	376	Yes
21	17	7.70	405	Yes
22	17	8.10	466	Yes
23	16	7.30	348	No
24	18	9.10	500	Yes
25	17	7.90	308	Yes
26	17	7.90	447	Yes
27	16	6.30	343	Yes
28	18	9.40	318	Yes
29	16	6.80	496	Yes
30	17	8.00	244	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	15	17.30	268	Yes
2	15	17.60	201	Yes
3	14	15.00	478	Yes
4	14	15.80	415	Yes
5	15	17.00	328	Yes
6	15	18.00	329	Yes
7	16	19.30	209	No
8	15	16.80	425	Yes
9	12	11.50	296	Yes
10	16	18.50	227	Yes
11	16	18.60	493	No
12	13	14.00	397	Yes
13	12	11.80	263	Yes
14	16	19.10	450	Yes
15	13	14.20	424	Yes
16	15	17.20	417	No
17	12	12.40	418	Yes
18	14	14.90	403	Yes
19	16	19.60	453	Yes
20	12	11.00	376	Yes
21	14	14.80	405	Yes
22	14	15.80	466	Yes
23	13	13.90	348	Yes
24	15	17.90	500	Yes
25	14	15.30	308	Yes
26	14	15.30	447	Yes
27	12	11.70	343	Yes
28	16	18.70	318	Yes
29	13	12.90	496	Yes
30	14	15.50	244	Yes

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Trial Number:			1			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	84.7	16	1931	1568	655997
2	3	86.6	16	1508	1615	124923
3	2	72.4	16	1481	-	295880
4	2	76.5	16	1085	-	466307
5	2	83.2	16	1567	-	636213
6	3	88.7	16	1681	1836	103907
7	3	96.2	16	1381	1784	274099
8	2	82.1	16	1945	-	444890
9	1	53.1	16	-	-	616682
10	3	91.3	16	1048	1282	83100
11	3	92.2	16	1432	1071	253474
12	2	66.8	16	1698	-	424173
13	1	54.9	16	-	-	595517
14	3	94.6	16	1904	1502	62067
15	2	68.1	16	1254	-	232844
16	3	84.5	16	1692	1031	402525
17	1	57.9	16	-	-	574767
18						
19						
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	71.7	16	1554	-	41212
2	3	97.6	16	1389	1302	211271
3	1	50.2	16	-	-	382972
4	2	71	16	1030	-	552949
5	2	76.4	16	1858	-	20197
6	1	66.2	16	-	-	191189
7	3	88.4	16	1334	1624	360357
8	2	74	16	1883	-	531228
9	2	73.6	16	1393	-	702167
10	1	54.3	16	-	-	170152
11	3	92.5	16	1772	1785	339142
12	1	60.5	16	-	-	511366
13	2	74.9	16	1230	-	681003
14	1	52	16	-	-	149045
15	3	100	16	1427	1717	318414
16	2	80.5	16	1603	-	489296
17	3	92	16	1867	1753	657689
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19						
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Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.9	12	-	-	167423
2	2	81	12	1914	-	389945
3	3	90.8	12	1824	1126	612155
4	2	80.4	12	1093	-	837148
5	1	63.7	12	-	-	139843
6	1	61.6	12	-	-	363477
7	1	55.2	12	-	-	587123
8	2	76.3	12	1611	-	808888
9	2	74.4	12	1153	-	112218
10	3	92.3	12	1760	1309	334699
11	1	64.9	12	-	-	559274
12	3	90.6	12	1947	1520	779716
13	2	78.7	12	1179	-	84733
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Trial Number:			4			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	80.6	13	1264	-	286002
2	3	85.3	13	1986	1390	491679
3	1	66.3	13	-	-	701125
4	1	56.5	13	-	-	53213
5	2	80.9	13	1250	-	260425
6	1	53.5	13	-	-	468244
7	2	77.1	13	1961	-	674454
8	3	87.9	13	1150	1868	27546
9	1	58.2	13	-	-	235066
10	2	70.4	13	1726	-	441923
11	3	84	13	1558	1078	648427
12	1	52.4	13	-	-	2071
13	1	59.5	13	-	-	209661
14	3	84.4	13	1657	1067	415836
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DFS Radar Parameters
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Trial Number:			5			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	1	53.7	15	-	-	546277
2	2	71.5	15	1863	-	726112
3	2	78.3	15	1322	-	160754
4	3	89.2	15	1129	1522	341268
5	3	92.3	15	1810	1442	521535
6	3	86.4	15	1759	1814	702619
7	1	62.9	15	-	-	138644
8	2	81.7	15	1040	-	319847
9	3	87.1	15	1761	1832	499596
10	3	93.7	15	1428	1009	681077
11	2	77.5	15	1830	-	115977
12	1	58	15	-	-	297616
13	3	85.9	15	1184	1660	477780
14	3	95	15	1565	1706	657665
15	3	94.7	15	1400	1635	93569
16	1	52	15	-	-	275345
17						
18						
19						
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5290			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	73.9	17	1639	-	405012
2	2	73.4	17	1835	-	565673
3	3	83.5	17	1363	1876	63267
4	3	94.9	17	1743	1355	223803
5	2	73.8	17	1896	-	385337
6	1	57.2	17	-	-	547277
7	3	94.3	17	1614	1737	43465
8	2	68.4	17	1575	-	204391
9	2	71.2	17	1546	-	365693
10	3	96.4	17	1353	1884	524936
11	1	53.4	17	-	-	23828
12	1	54	17	-	-	185194
13	1	54.6	17	-	-	346593
14	1	60.6	17	-	-	508145
15	1	56.7	17	-	-	3965
16	2	77.9	17	1069	-	164985
17	1	54.1	17	-	-	326604
18	2	77.3	17	1470	-	487104
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Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	51.5	19	-	-	614737
2	1	54.7	19	-	-	137807
3	3	96.1	19	1801	1581	288774
4	1	53.1	19	-	-	443716
5	2	72.7	19	1763	-	594817
6	1	54.2	19	-	-	118969
7	1	65.8	19	-	-	271562
8	3	98.9	19	1139	1965	422192
9	3	98.2	19	1052	1551	574613
10	2	72.6	19	1997	-	99796
11	2	79	19	1967	-	252184
12	2	72.8	19	1790	-	404601
13	2	67.6	19	1299	-	556988
14	2	82.1	19	1159	-	81084
15	3	93.2	19	1017	1629	233073
16	1	56.2	19	-	-	386851
17	3	96.6	19	1276	1774	536689
18	1	60.6	19	-	-	62433
19	2	69	19	1827	-	214497
20						

Trial Number:			8			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	1	64.7	15	-	-	437128
2	1	60.6	15	-	-	618881
3	3	96.6	15	1569	1425	51593
4	2	77.3	15	1061	-	232966
5	1	59.9	15	-	-	415167
6	2	67.9	15	1249	-	595491
7	3	95.9	15	1023	1315	29395
8	2	82.9	15	1308	-	210525
9	1	58.9	15	-	-	392319
10	2	77	15	1878	-	572722
11	2	76.5	15	1305	-	7094
12	3	87	15	1916	1029	187930
13	3	99.6	15	1027	1073	369342
14	1	53.8	15	-	-	551509
15	1	58.6	15	-	-	733206
16	3	93.5	15	1869	1398	165468
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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	90	6	1712	1054	694820
2	1	55.9	6	-	-	1059977
3	2	70.7	6	1518	-	1421797
4	1	50.6	6	-	-	288224
5	2	79.3	6	1813	-	650877
6	2	79.1	6	1519	-	1013638
7	2	74.9	6	1596	-	1377105
8	1	59	6	-	-	243359
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	71.6	18	1837	-	268530
2	3	89.4	18	1482	1944	428632
3	3	98.4	18	1963	1049	588949
4	2	78.7	18	1384	-	87955
5	2	71.3	18	1797	-	248889
6	1	60.8	18	-	-	410576
7	3	98.4	18	1926	1115	569775
8	1	64	18	-	-	68323
9	3	96.1	18	1715	1513	228650
10	1	58.9	18	-	-	391059
11	3	89.5	18	1469	1344	549646
12	2	66.7	18	1646	-	48290
13	1	55	18	-	-	209696
14	2	77.5	18	1564	-	370299
15	3	86.1	18	1485	1534	530255
16	3	85.3	18	1538	1658	28408
17	2	76.8	18	1620	-	189287
18	2	71.3	18	1187	-	350652
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5260			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	56.8	18	-	-	512196
2	2	71.9	18	1910	-	8645
3	2	71.6	18	1661	-	169612
4	3	85.6	18	1174	1809	329823
5	2	79.4	18	1013	-	491777
6	2	69	18	1405	-	652645
7	1	59	18	-	-	150009
8	3	88.7	18	1319	1710	310220
9	1	53.2	18	-	-	473049
10	1	50.2	18	-	-	634521
11	2	75.8	18	1157	-	129985
12	1	59.9	18	-	-	291541
13	3	89.7	18	1310	1866	450963
14	3	85.6	18	1501	1930	610902
15	3	85.8	18	1956	1228	109833
16	3	87.5	18	1224	1460	270414
17	1	55.6	18	-	-	433154
18	2	70.6	18	1839	-	593072
19						
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	2	69.6	10	1767	-	135619
2	2	67.1	10	1697	-	377525
3	1	61.6	10	-	-	620351
4	3	98.2	10	1084	1532	860311
5	2	78.7	10	1025	-	105891
6	1	62.5	10	-	-	348033
7	3	90.9	10	1170	1088	589284
8	3	90.7	10	1994	1563	829695
9	1	64.3	10	-	-	76230
10	3	92	10	1696	1055	317604
11	3	88.5	10	1278	1861	558643
12	1	62.5	10	-	-	802449
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	69.9	6	1466	-	61797
2	3	85.5	6	1723	1057	384031
3	2	73.8	6	1382	-	707297
4	1	58	6	-	-	1031091
5	2	72.2	6	1627	-	22046
6	1	53	6	-	-	345000
7	3	87.5	6	1147	1307	666856
8	3	86.1	6	1529	1441	989001
9	1	59.9	6	-	-	1313683
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5260			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	79.4	19	1324	-	144142
2	2	69.7	19	1656	-	296382
3	2	82.7	19	1789	-	448446
4	1	57.5	19	-	-	602814
5	3	98.2	19	1937	1915	124865
6	3	88.2	19	1807	1928	276885
7	3	86.2	19	1236	1467	429638
8	2	69.2	19	1385	-	582602
9	1	53.9	19	-	-	106814
10	2	81	19	1838	-	258642
11	2	67.6	19	1641	-	411225
12	2	71.8	19	1670	-	563475
13	1	65.5	19	-	-	88006
14	1	65.7	19	-	-	240707
15	1	59.7	19	-	-	393889
16	1	59.6	19	-	-	546448
17	1	58.7	19	-	-	69148
18	3	93.2	19	1420	1787	220694
19	1	59.1	19	-	-	374867
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	94.8	10	1246	1690	833550
2	3	88.8	10	1745	1378	79461
3	1	54.6	10	-	-	322047
4	2	67.1	10	1815	-	562796
5	1	50.2	10	-	-	806607
6	3	90.8	10	1833	1101	49778
7	2	80.4	10	1413	-	291600
8	3	90.4	10	1693	1323	532507
9	3	86.1	10	1958	1151	773838
10	2	81.7	10	1604	-	20035
11	1	63.3	10	-	-	262118
12	2	82.7	10	1583	-	503732
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	100	16	1850	1704	557062
2	2	69.6	16	1186	-	739537
3	1	60.6	16	-	-	174311
4	3	90.2	16	1206	1746	354499
5	3	97.5	16	1354	1733	534821
6	2	79	16	1422	-	717739
7	3	90.6	16	1217	1312	151264
8	2	80.5	16	1822	-	332601
9	2	74.3	16	1007	-	514051
10	1	54.7	16	-	-	696836
11	2	71.4	16	1996	-	129075
12	1	60.4	16	-	-	310899
13	1	61	16	-	-	492448
14	2	70.8	16	1164	-	672973
15	3	90.7	16	1860	1118	106677
16	1	54.4	16	-	-	288671
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	69.8	7	1095	-	752035
2	1	64.1	7	-	-	1043689
3	3	98.4	7	1435	1144	135433
4	1	63.5	7	-	-	426376
5	1	59.8	7	-	-	716984
6	2	78.4	7	1907	-	1006358
7	3	91.4	7	1991	1998	99601
8	2	71.1	7	1439	-	389997
9	2	74.7	7	1859	-	680202
10	1	52.5	7	-	-	972241
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			13			
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	2	82.5	11	1292	-	49263
2	2	66.7	11	1577	-	272453
3	2	67.8	11	1579	-	495469
4	3	97.9	11	1622	1633	717131
5	1	50	11	-	-	21786
6	3	87.6	11	1189	1338	244661
7	3	90.6	11	1499	1258	467517
8	3	98.3	11	1037	1948	690171
9	2	67.6	11	1387	-	914506
10	1	52.1	11	-	-	217686
11	1	54.8	11	-	-	441485
12	2	75.5	11	1351	-	664152
13	1	62.2	11	-	-	888139
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5260			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	80.7	20	1730	-	123242
2	2	68.1	20	1172	-	267977
3	1	62.6	20	-	-	413679
4	3	84.8	20	1392	1890	555951
5	3	90	20	1419	1496	105163
6	2	67.4	20	1732	-	250303
7	3	94.2	20	1671	1613	394110
8	1	56.1	20	-	-	540938
9	2	79.4	20	1041	-	87667
10	1	50	20	-	-	232979
11	2	75.9	20	1683	-	376749
12	2	70.6	20	1444	-	522077
13	2	72	20	1762	-	69731
14	2	83.3	20	1664	-	214376
15	3	99.9	20	1377	1973	357974
16	2	72.9	20	1781	-	504239
17	2	71.5	20	1938	-	51882
18	2	78.3	20	1010	-	196780
19	3	89.6	20	1665	1080	340713
20	1	65.5	20	-	-	487548

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	94.9	5	1225	1245	85373
2	3	96.5	5	1289	1654	447948
3	2	73.9	5	1498	-	811606
4	1	62.7	5	-	-	1175753
5	2	76.5	5	1404	-	40701
6	1	54.7	5	-	-	404189
7	3	83.9	5	1921	1195	766189
8	2	69.8	5	1932	-	1129728
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			13			
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	1	62.7	11	-	-	918845
2	1	53.1	11	-	-	221037
3	3	88.6	11	1429	1946	442675
4	3	99.7	11	1424	1808	665802
5	3	94.4	11	1549	1724	888563
6	1	51.8	11	-	-	193440
7	2	67.7	11	1805	-	416242
8	3	95.4	11	1180	1905	638657
9	3	97.2	11	1243	1175	861959
10	3	93.6	11	1391	1709	165436
11	1	51.3	11	-	-	389600
12	1	53.7	11	-	-	613181
13	2	80.6	11	1277	-	835317
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	3	96.5	13	1616	1892	128036
2	1	53.1	13	-	-	336187
3	1	66.6	13	-	-	543850
4	3	91.9	13	1493	1099	748448
5	2	77.2	13	1571	-	102733
6	2	78.1	13	1046	-	310002
7	1	54.2	13	-	-	518298
8	3	90.8	13	1975	1446	722512
9	2	75.3	13	1751	-	77255
10	3	96.2	13	1124	1119	284307
11	2	73.8	13	1416	-	491784
12	1	65.3	13	-	-	699722
13	1	60	13	-	-	51845
14	2	67.4	13	1764	-	258800
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5324			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	84.2	10	1358	1951	542884
2	3	94.3	10	1755	1480	784065
3	3	100	10	1527	1580	30568
4	1	58.3	10	-	-	272871
5	3	85.2	10	1601	1125	513554
6	3	83.6	10	1768	1283	755235
7	2	74.3	10	1209	-	839
8	3	93.4	10	1407	1626	242358
9	2	76.2	10	1106	-	484654
10	1	61.5	10	-	-	727696
11	2	76.3	10	1705	-	967903
12	2	76.3	10	1993	-	212720
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	70.1	17	1212	-	320830
2	1	65.6	17	-	-	492032
3	1	54.4	17	-	-	662905
4	2	75.8	17	1457	-	129045
5	2	77.9	17	1332	-	299822
6	2	77	17	1582	-	470054
7	3	85.8	17	1792	1873	638550
8	3	84.9	17	1229	1791	107869
9	3	98.5	17	1555	1314	277842
10	3	93.4	17	1039	1311	448314
11	1	57.2	17	-	-	621057
12	2	70.9	17	1053	-	87182
13	3	99.3	17	1364	1295	257196
14	2	76.7	17	1279	-	428386
15	2	79.6	17	1028	-	598764
16	2	79.1	17	1447	-	66065
17	3	87.5	17	1754	1820	235709
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	1	57	12	-	-	495458
2	1	64.8	12	-	-	703122
3	3	84.4	12	1853	1167	54646
4	3	84.4	12	1479	1001	261498
5	3	84.5	12	1796	1127	468111
6	3	83.5	12	1293	1560	675304
7	1	51	12	-	-	29302
8	3	97.3	12	1770	1148	235888
9	3	85.3	12	1812	1357	442925
10	1	66.1	12	-	-	651976
11	2	70.1	12	1703	-	3737
12	1	56.2	12	-	-	211259
13	1	53	12	-	-	418907
14	2	76.9	12	1953	-	624706
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	1	55.1	12	-	-	833576
2	1	65.6	12	-	-	185660
3	1	50.9	12	-	-	393098
4	1	57.9	12	-	-	600986
5	3	88.7	12	1414	1855	804884
6	3	86.4	12	1977	1183	159589
7	3	99.6	12	1779	1666	366354
8	2	68.2	12	1313	-	574360
9	3	96.9	12	1647	1231	780060
10	2	79.5	12	1898	-	134305
11	2	75.1	12	1845	-	341555
12	2	68.9	12	1136	-	548825
13	3	90.9	12	1266	1374	755036
14	3	87.1	12	1205	1440	108720
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			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	79	6	1547	-	492246
2	1	59.1	6	-	-	815470
3	1	58.5	6	-	-	1139052
4	1	54	6	-	-	129951
5	3	95.3	6	1885	1540	451760
6	1	55.9	6	-	-	775891
7	2	69.2	6	1682	-	1097459
8	3	96.8	6	1178	1976	89897
9	3	92	6	1068	1301	412356
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5320			Yes
Burst	Number of Pulses	Pulse 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	18	1096	1320	347122
2	3	85.6	18	1121	1346	499131
3	2	82.1	18	1221	-	23774
4	1	53.3	18	-	-	176741
5	2	78.5	18	1471	-	328676
6	3	92.7	18	1284	1848	479805
7	1	60.8	18	-	-	4989
8	1	65.7	18	-	-	157676
9	2	78.7	18	1911	-	309678
10	3	95.4	18	1024	1495	461287
11	1	66.4	18	-	-	616574
12	1	52.1	18	-	-	138996
13	1	55.3	18	-	-	291797
14	3	98.4	18	1173	1388	442764
15	2	68.7	18	1166	-	596559
16	3	90.9	18	1362	1608	119524
17	3	92.8	18	1019	1296	272137
18	3	87.9	18	1092	1317	423967
19	3	88.9	18	1668	1507	575454
20						

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

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5324			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	67.9	8	1535	-	192426
2	1	54.8	8	-	-	483353
3	1	59.2	8	-	-	774084
4	1	65.5	8	-	-	1064814
5	3	92.7	8	1110	1348	156563
6	1	64	8	-	-	447759
7	2	68.2	8	1901	-	737342
8	2	76.1	8	1678	-	1027411
9	1	57.6	8	-	-	121134
10	1	66.1	8	-	-	411730
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	1	61	12	-	-	501249
2	3	97.1	12	1844	1543	706401
3	1	57.7	12	-	-	60944
4	1	58.3	12	-	-	268326
5	2	73.7	12	1769	-	474846
6	1	58.9	12	-	-	683832
7	2	72.3	12	1366	-	35316
8	1	56.5	12	-	-	242990
9	2	83	12	1410	-	449574
10	2	71	12	1089	-	657329
11	2	75.5	12	1200	-	9786
12	3	86.1	12	1492	1740	216592
13	1	63.8	12	-	-	424792
14	3	96.4	12	1443	1631	629862
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Channel 100 Bandwidth 20MHz

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	4	1730.10	578	Yes
2	19	1138.95	878	Yes
3	12	1355.01	738	Yes
4	1	1930.50	518	Yes
5	13	1319.26	758	Yes
6	6	1618.12	618	Yes
7	22	1066.10	938	Yes
8	5	1672.24	598	Yes
9	2	1858.74	538	Yes
10	8	1519.76	658	Yes
11	15	1253.13	798	Yes
12	3	1792.11	558	Yes
13	16	1222.49	818	Yes
14	21	1089.32	918	Yes
15	11	1392.76	718	Yes
16		464.47	2153	Yes
17		523.83	1909	Yes
18		551.88	1812	Yes
19		327.12	3057	Yes
20		1466.28	682	Yes
21		349.41	2862	Yes
22		415.80	2405	Yes
23		613.12	1631	Yes
24		704.23	1420	Yes
25		467.73	2138	Yes
26		697.35	1434	Yes
27		810.37	1234	Yes
28		515.46	1940	Yes
29		562.75	1777	Yes
30		367.92	2718	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	27	3.80	169	Yes
2	28	3.90	187	Yes
3	26	2.80	199	Yes
4	26	3.10	177	Yes
5	27	3.70	190	Yes
6	28	4.10	209	Yes
7	29	4.70	220	Yes
8	27	3.60	161	Yes
9	23	1.20	217	Yes
10	28	4.30	200	Yes
11	28	4.40	192	Yes
12	25	2.30	206	Yes
13	23	1.40	189	Yes
14	29	4.60	164	Yes
15	25	2.40	196	Yes
16	27	3.80	198	Yes
17	24	1.60	183	Yes
18	26	2.70	228	Yes
19	29	4.90	152	Yes
20	23	1.00	223	Yes
21	25	2.70	165	Yes
22	26	3.10	219	Yes
23	25	2.30	195	Yes
24	28	4.10	168	Yes
25	26	2.90	212	Yes
26	26	2.90	185	Yes
27	23	1.30	174	Yes
28	28	4.40	193	Yes
29	24	1.80	160	Yes
30	26	3.00	151	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	18	8.80	268	Yes
2	18	8.90	201	Yes
3	17	7.80	478	Yes
4	17	8.10	415	Yes
5	17	8.70	328	Yes
6	18	9.10	329	Yes
7	18	9.70	209	Yes
8	17	8.60	425	Yes
9	16	6.20	296	Yes
10	18	9.30	227	Yes
11	18	9.40	493	Yes
12	17	7.30	397	Yes
13	16	6.40	263	Yes
14	18	9.60	450	Yes
15	17	7.40	424	Yes
16	18	8.80	417	Yes
17	16	6.60	418	Yes
18	17	7.70	403	Yes
19	18	9.90	453	Yes
20	16	6.00	376	Yes
21	17	7.70	405	Yes
22	17	8.10	466	Yes
23	16	7.30	348	Yes
24	18	9.10	500	Yes
25	17	7.90	308	Yes
26	17	7.90	447	Yes
27	16	6.30	343	Yes
28	18	9.40	318	Yes
29	16	6.80	496	Yes
30	17	8.00	244	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	15	17.30	268	Yes
2	15	17.60	201	Yes
3	14	15.00	478	Yes
4	14	15.80	415	Yes
5	15	17.00	328	Yes
6	15	18.00	329	Yes
7	16	19.30	209	Yes
8	15	16.80	425	Yes
9	12	11.50	296	Yes
10	16	18.50	227	Yes
11	16	18.60	493	Yes
12	13	14.00	397	Yes
13	12	11.80	263	Yes
14	16	19.10	450	Yes
15	13	14.20	424	Yes
16	15	17.20	417	Yes
17	12	12.40	418	Yes
18	14	14.90	403	Yes
19	16	19.60	453	Yes
20	12	11.00	376	Yes
21	14	14.80	405	Yes
22	14	15.80	466	Yes
23	13	13.90	348	Yes
24	15	17.90	500	Yes
25	14	15.30	308	Yes
26	14	15.30	447	Yes
27	12	11.70	343	Yes
28	16	18.70	318	Yes
29	13	12.90	496	Yes
30	14	15.50	244	Yes

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

Trial Number:			1			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	84.7	16	1931	1568	655997
2	3	86.6	16	1508	1615	124923
3	2	72.4	16	1481	-	295880
4	2	76.5	16	1085	-	466307
5	2	83.2	16	1567	-	636213
6	3	88.7	16	1681	1836	103907
7	3	96.2	16	1381	1784	274099
8	2	82.1	16	1945	-	444890
9	1	53.1	16	-	-	616682
10	3	91.3	16	1048	1282	83100
11	3	92.2	16	1432	1071	253474
12	2	66.8	16	1698	-	424173
13	1	54.9	16	-	-	595517
14	3	94.6	16	1904	1502	62067
15	2	68.1	16	1254	-	232844
16	3	84.5	16	1692	1031	402525
17	1	57.9	16	-	-	574767
18						
19						
20						

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	71.7	16	1554	-	41212
2	3	97.6	16	1389	1302	211271
3	1	50.2	16	-	-	382972
4	2	71	16	1030	-	552949
5	2	76.4	16	1858	-	20197
6	1	66.2	16	-	-	191189
7	3	88.4	16	1334	1624	360357
8	2	74	16	1883	-	531228
9	2	73.6	16	1393	-	702167
10	1	54.3	16	-	-	170152
11	3	92.5	16	1772	1785	339142
12	1	60.5	16	-	-	511366
13	2	74.9	16	1230	-	681003
14	1	52	16	-	-	149045
15	3	100	16	1427	1717	318414
16	2	80.5	16	1603	-	489296
17	3	92	16	1867	1753	657689
18						
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.9	12	-	-	167423
2	2	81	12	1914	-	389945
3	3	90.8	12	1824	1126	612155
4	2	80.4	12	1093	-	837148
5	1	63.7	12	-	-	139843
6	1	61.6	12	-	-	363477
7	1	55.2	12	-	-	587123
8	2	76.3	12	1611	-	808888
9	2	74.4	12	1153	-	112218
10	3	92.3	12	1760	1309	334699
11	1	64.9	12	-	-	559274
12	3	90.6	12	1947	1520	779716
13	2	78.7	12	1179	-	84733
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Trial Number:			4			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	80.6	13	1264	-	286002
2	3	85.3	13	1986	1390	491679
3	1	66.3	13	-	-	701125
4	1	56.5	13	-	-	53213
5	2	80.9	13	1250	-	260425
6	1	53.5	13	-	-	468244
7	2	77.1	13	1961	-	674454
8	3	87.9	13	1150	1868	27546
9	1	58.2	13	-	-	235066
10	2	70.4	13	1726	-	441923
11	3	84	13	1558	1078	648427
12	1	52.4	13	-	-	2071
13	1	59.5	13	-	-	209661
14	3	84.4	13	1657	1067	415836
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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:			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	1	53.7	15	-	-	546277
2	2	71.5	15	1863	-	726112
3	2	78.3	15	1322	-	160754
4	3	89.2	15	1129	1522	341268
5	3	92.3	15	1810	1442	521535
6	3	86.4	15	1759	1814	702619
7	1	62.9	15	-	-	138644
8	2	81.7	15	1040	-	319847
9	3	87.1	15	1761	1832	499596
10	3	93.7	15	1428	1009	681077
11	2	77.5	15	1830	-	115977
12	1	58	15	-	-	297616
13	3	85.9	15	1184	1660	477780
14	3	95	15	1565	1706	657665
15	3	94.7	15	1400	1635	93569
16	1	52	15	-	-	275345
17						
18						
19						
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	2	73.9	17	1639	-	405012
2	2	73.4	17	1835	-	565673
3	3	83.5	17	1363	1876	63267
4	3	94.9	17	1743	1355	223803
5	2	73.8	17	1896	-	385337
6	1	57.2	17	-	-	547277
7	3	94.3	17	1614	1737	43465
8	2	68.4	17	1575	-	204391
9	2	71.2	17	1546	-	365693
10	3	96.4	17	1353	1884	524936
11	1	53.4	17	-	-	23828
12	1	54	17	-	-	185194
13	1	54.6	17	-	-	346593
14	1	60.6	17	-	-	508145
15	1	56.7	17	-	-	3965
16	2	77.9	17	1069	-	164985
17	1	54.1	17	-	-	326604
18	2	77.3	17	1470	-	487104
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:			19			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	51.5	19	-	-	614737
2	1	54.7	19	-	-	137807
3	3	96.1	19	1801	1581	288774
4	1	53.1	19	-	-	443716
5	2	72.7	19	1763	-	594817
6	1	54.2	19	-	-	118969
7	1	65.8	19	-	-	271562
8	3	98.9	19	1139	1965	422192
9	3	98.2	19	1052	1551	574613
10	2	72.6	19	1997	-	99796
11	2	79	19	1967	-	252184
12	2	72.8	19	1790	-	404601
13	2	67.6	19	1299	-	556988
14	2	82.1	19	1159	-	81084
15	3	93.2	19	1017	1629	233073
16	1	56.2	19	-	-	386851
17	3	96.6	19	1276	1774	536689
18	1	60.6	19	-	-	62433
19	2	69	19	1827	-	214497
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	1	64.7	15	-	-	437128
2	1	60.6	15	-	-	618881
3	3	96.6	15	1569	1425	51593
4	2	77.3	15	1061	-	232966
5	1	59.9	15	-	-	415167
6	2	67.9	15	1249	-	595491
7	3	95.9	15	1023	1315	29395
8	2	82.9	15	1308	-	210525
9	1	58.9	15	-	-	392319
10	2	77	15	1878	-	572722
11	2	76.5	15	1305	-	7094
12	3	87	15	1916	1029	187930
13	3	99.6	15	1027	1073	369342
14	1	53.8	15	-	-	551509
15	1	58.6	15	-	-	733206
16	3	93.5	15	1869	1398	165468
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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:			8			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	90	6	1712	1054	694820
2	1	55.9	6	-	-	1059977
3	2	70.7	6	1518	-	1421797
4	1	50.6	6	-	-	288224
5	2	79.3	6	1813	-	650877
6	2	79.1	6	1519	-	1013638
7	2	74.9	6	1596	-	1377105
8	1	59	6	-	-	243359
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	71.6	18	1837	-	268530
2	3	89.4	18	1482	1944	428632
3	3	98.4	18	1963	1049	588949
4	2	78.7	18	1384	-	87955
5	2	71.3	18	1797	-	248889
6	1	60.8	18	-	-	410576
7	3	98.4	18	1926	1115	569775
8	1	64	18	-	-	68323
9	3	96.1	18	1715	1513	228650
10	1	58.9	18	-	-	391059
11	3	89.5	18	1469	1344	549646
12	2	66.7	18	1646	-	48290
13	1	55	18	-	-	209696
14	2	77.5	18	1564	-	370299
15	3	86.1	18	1485	1534	530255
16	3	85.3	18	1538	1658	28408
17	2	76.8	18	1620	-	189287
18	2	71.3	18	1187	-	350652
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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:			18			
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	1	56.8	18	-	-	512196
2	2	71.9	18	1910	-	8645
3	2	71.6	18	1661	-	169612
4	3	85.6	18	1174	1809	329823
5	2	79.4	18	1013	-	491777
6	2	69	18	1405	-	652645
7	1	59	18	-	-	150009
8	3	88.7	18	1319	1710	310220
9	1	53.2	18	-	-	473049
10	1	50.2	18	-	-	634521
11	2	75.8	18	1157	-	129985
12	1	59.9	18	-	-	291541
13	3	89.7	18	1310	1866	450963
14	3	85.6	18	1501	1930	610902
15	3	85.8	18	1956	1228	109833
16	3	87.5	18	1224	1460	270414
17	1	55.6	18	-	-	433154
18	2	70.6	18	1839	-	593072
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	69.6	10	1767	-	135619
2	2	67.1	10	1697	-	377525
3	1	61.6	10	-	-	620351
4	3	98.2	10	1084	1532	860311
5	2	78.7	10	1025	-	105891
6	1	62.5	10	-	-	348033
7	3	90.9	10	1170	1088	589284
8	3	90.7	10	1994	1563	829695
9	1	64.3	10	-	-	76230
10	3	92	10	1696	1055	317604
11	3	88.5	10	1278	1861	558643
12	1	62.5	10	-	-	802449
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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:			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	2	69.9	6	1466	-	61797
2	3	85.5	6	1723	1057	384031
3	2	73.8	6	1382	-	707297
4	1	58	6	-	-	1031091
5	2	72.2	6	1627	-	22046
6	1	53	6	-	-	345000
7	3	87.5	6	1147	1307	666856
8	3	86.1	6	1529	1441	989001
9	1	59.9	6	-	-	1313683
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Trial Number:			14			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	2	79.4	19	1324	-	144142
2	2	69.7	19	1656	-	296382
3	2	82.7	19	1789	-	448446
4	1	57.5	19	-	-	602814
5	3	98.2	19	1937	1915	124865
6	3	88.2	19	1807	1928	276885
7	3	86.2	19	1236	1467	429638
8	2	69.2	19	1385	-	582602
9	1	53.9	19	-	-	106814
10	2	81	19	1838	-	258642
11	2	67.6	19	1641	-	411225
12	2	71.8	19	1670	-	563475
13	1	65.5	19	-	-	88006
14	1	65.7	19	-	-	240707
15	1	59.7	19	-	-	393889
16	1	59.6	19	-	-	546448
17	1	58.7	19	-	-	69148
18	3	93.2	19	1420	1787	220694
19	1	59.1	19	-	-	374867
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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:			12			
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	94.8	10	1246	1690	833550
2	3	88.8	10	1745	1378	79461
3	1	54.6	10	-	-	322047
4	2	67.1	10	1815	-	562796
5	1	50.2	10	-	-	806607
6	3	90.8	10	1833	1101	49778
7	2	80.4	10	1413	-	291600
8	3	90.4	10	1693	1323	532507
9	3	86.1	10	1958	1151	773838
10	2	81.7	10	1604	-	20035
11	1	63.3	10	-	-	262118
12	2	82.7	10	1583	-	503732
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	100	16	1850	1704	557062
2	2	69.6	16	1186	-	739537
3	1	60.6	16	-	-	174311
4	3	90.2	16	1206	1746	354499
5	3	97.5	16	1354	1733	534821
6	2	79	16	1422	-	717739
7	3	90.6	16	1217	1312	151264
8	2	80.5	16	1822	-	332601
9	2	74.3	16	1007	-	514051
10	1	54.7	16	-	-	696836
11	2	71.4	16	1996	-	129075
12	1	60.4	16	-	-	310899
13	1	61	16	-	-	492448
14	2	70.8	16	1164	-	672973
15	3	90.7	16	1860	1118	106677
16	1	54.4	16	-	-	288671
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DFS Radar Parameters
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Channel 100 Bandwidth 20MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	69.8	7	1095	-	752035
2	1	64.1	7	-	-	1043689
3	3	98.4	7	1435	1144	135433
4	1	63.5	7	-	-	426376
5	1	59.8	7	-	-	716984
6	2	78.4	7	1907	-	1006358
7	3	91.4	7	1991	1998	99601
8	2	71.1	7	1439	-	389997
9	2	74.7	7	1859	-	680202
10	1	52.5	7	-	-	972241
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Trial Number:			18			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	2	82.5	11	1292	-	49263
2	2	66.7	11	1577	-	272453
3	2	67.8	11	1579	-	495469
4	3	97.9	11	1622	1633	717131
5	1	50	11	-	-	21786
6	3	87.6	11	1189	1338	244661
7	3	90.6	11	1499	1258	467517
8	3	98.3	11	1037	1948	690171
9	2	67.6	11	1387	-	914506
10	1	52.1	11	-	-	217686
11	1	54.8	11	-	-	441485
12	2	75.5	11	1351	-	664152
13	1	62.2	11	-	-	888139
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DFS Radar Parameters
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Channel 100 Bandwidth 20MHz

Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			20			
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	2	80.7	20	1730	-	123242
2	2	68.1	20	1172	-	267977
3	1	62.6	20	-	-	413679
4	3	84.8	20	1392	1890	555951
5	3	90	20	1419	1496	105163
6	2	67.4	20	1732	-	250303
7	3	94.2	20	1671	1613	394110
8	1	56.1	20	-	-	540938
9	2	79.4	20	1041	-	87667
10	1	50	20	-	-	232979
11	2	75.9	20	1683	-	376749
12	2	70.6	20	1444	-	522077
13	2	72	20	1762	-	69731
14	2	83.3	20	1664	-	214376
15	3	99.9	20	1377	1973	357974
16	2	72.9	20	1781	-	504239
17	2	71.5	20	1938	-	51882
18	2	78.3	20	1010	-	196780
19	3	89.6	20	1665	1080	340713
20	1	65.5	20	-	-	487548

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5492			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	94.9	5	1225	1245	85373
2	3	96.5	5	1289	1654	447948
3	2	73.9	5	1498	-	811606
4	1	62.7	5	-	-	1175753
5	2	76.5	5	1404	-	40701
6	1	54.7	5	-	-	404189
7	3	83.9	5	1921	1195	766189
8	2	69.8	5	1932	-	1129728
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DFS Radar Parameters
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Channel 100 Bandwidth 20MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5505			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.7	11	-	-	918845
2	1	53.1	11	-	-	221037
3	3	88.6	11	1429	1946	442675
4	3	99.7	11	1424	1808	665802
5	3	94.4	11	1549	1724	888563
6	1	51.8	11	-	-	193440
7	2	67.7	11	1805	-	416242
8	3	95.4	11	1180	1905	638657
9	3	97.2	11	1243	1175	861959
10	3	93.6	11	1391	1709	165436
11	1	51.3	11	-	-	389600
12	1	53.7	11	-	-	613181
13	2	80.6	11	1277	-	835317
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5504			Yes
Burst	Number of Pulses	Pulse 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	1616	1892	128036
2	1	53.1	13	-	-	336187
3	1	66.6	13	-	-	543850
4	3	91.9	13	1493	1099	748448
5	2	77.2	13	1571	-	102733
6	2	78.1	13	1046	-	310002
7	1	54.2	13	-	-	518298
8	3	90.8	13	1975	1446	722512
9	2	75.3	13	1751	-	77255
10	3	96.2	13	1124	1119	284307
11	2	73.8	13	1416	-	491784
12	1	65.3	13	-	-	699722
13	1	60	13	-	-	51845
14	2	67.4	13	1764	-	258800
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DFS Radar Parameters
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Channel 100 Bandwidth 20MHz

Trial Number:			23			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	84.2	10	1358	1951	542884
2	3	94.3	10	1755	1480	784065
3	3	100	10	1527	1580	30568
4	1	58.3	10	-	-	272871
5	3	85.2	10	1601	1125	513554
6	3	83.6	10	1768	1283	755235
7	2	74.3	10	1209	-	839
8	3	93.4	10	1407	1626	242358
9	2	76.2	10	1106	-	484654
10	1	61.5	10	-	-	727696
11	2	76.3	10	1705	-	967903
12	2	76.3	10	1993	-	212720
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	70.1	17	1212	-	320830
2	1	65.6	17	-	-	492032
3	1	54.4	17	-	-	662905
4	2	75.8	17	1457	-	129045
5	2	77.9	17	1332	-	299822
6	2	77	17	1582	-	470054
7	3	85.8	17	1792	1873	638550
8	3	84.9	17	1229	1791	107869
9	3	98.5	17	1555	1314	277842
10	3	93.4	17	1039	1311	448314
11	1	57.2	17	-	-	621057
12	2	70.9	17	1053	-	87182
13	3	99.3	17	1364	1295	257196
14	2	76.7	17	1279	-	428386
15	2	79.6	17	1028	-	598764
16	2	79.1	17	1447	-	66065
17	3	87.5	17	1754	1820	235709
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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:			14			
Chirp Center Frequency:			5505			Yes
Burst	Number of Pulses	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	12	-	-	495458
2	1	64.8	12	-	-	703122
3	3	84.4	12	1853	1167	54646
4	3	84.4	12	1479	1001	261498
5	3	84.5	12	1796	1127	468111
6	3	83.5	12	1293	1560	675304
7	1	51	12	-	-	29302
8	3	97.3	12	1770	1148	235888
9	3	85.3	12	1812	1357	442925
10	1	66.1	12	-	-	651976
11	2	70.1	12	1703	-	3737
12	1	56.2	12	-	-	211259
13	1	53	12	-	-	418907
14	2	76.9	12	1953	-	624706
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5505			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	55.1	12	-	-	833576
2	1	65.6	12	-	-	185660
3	1	50.9	12	-	-	393098
4	1	57.9	12	-	-	600986
5	3	88.7	12	1414	1855	804884
6	3	86.4	12	1977	1183	159589
7	3	99.6	12	1779	1666	366354
8	2	68.2	12	1313	-	574360
9	3	96.9	12	1647	1231	780060
10	2	79.5	12	1898	-	134305
11	2	75.1	12	1845	-	341555
12	2	68.9	12	1136	-	548825
13	3	90.9	12	1266	1374	755036
14	3	87.1	12	1205	1440	108720
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			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	79	6	1547	-	492246
2	1	59.1	6	-	-	815470
3	1	58.5	6	-	-	1139052
4	1	54	6	-	-	129951
5	3	95.3	6	1885	1540	451760
6	1	55.9	6	-	-	775891
7	2	69.2	6	1682	-	1097459
8	3	96.8	6	1178	1976	89897
9	3	92	6	1068	1301	412356
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	3	92	18	1096	1320	347122
2	3	85.6	18	1121	1346	499131
3	2	82.1	18	1221	-	23774
4	1	53.3	18	-	-	176741
5	2	78.5	18	1471	-	328676
6	3	92.7	18	1284	1848	479805
7	1	60.8	18	-	-	4989
8	1	65.7	18	-	-	157676
9	2	78.7	18	1911	-	309678
10	3	95.4	18	1024	1495	461287
11	1	66.4	18	-	-	616574
12	1	52.1	18	-	-	138996
13	1	55.3	18	-	-	291797
14	3	98.4	18	1173	1388	442764
15	2	68.7	18	1166	-	596559
16	3	90.9	18	1362	1608	119524
17	3	92.8	18	1019	1296	272137
18	3	87.9	18	1092	1317	423967
19	3	88.9	18	1668	1507	575454
20						

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

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	67.9	8	1535	-	192426
2	1	54.8	8	-	-	483353
3	1	59.2	8	-	-	774084
4	1	65.5	8	-	-	1064814
5	3	92.7	8	1110	1348	156563
6	1	64	8	-	-	447759
7	2	68.2	8	1901	-	737342
8	2	76.1	8	1678	-	1027411
9	1	57.6	8	-	-	121134
10	1	66.1	8	-	-	411730
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5505			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	61	12	-	-	501249
2	3	97.1	12	1844	1543	706401
3	1	57.7	12	-	-	60944
4	1	58.3	12	-	-	268326
5	2	73.7	12	1769	-	474846
6	1	58.9	12	-	-	683832
7	2	72.3	12	1366	-	35316
8	1	56.5	12	-	-	242990
9	2	83	12	1410	-	449574
10	2	71	12	1089	-	657329
11	2	75.5	12	1200	-	9786
12	3	86.1	12	1492	1740	216592
13	1	63.8	12	-	-	424792
14	3	96.4	12	1443	1631	629862
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Channel 102 Bandwidth 40MHz

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	4	1730.10	578	Yes
2	19	1138.95	878	Yes
3	12	1355.01	738	Yes
4	1	1930.50	518	Yes
5	13	1319.26	758	Yes
6	6	1618.12	618	Yes
7	22	1066.10	938	Yes
8	5	1672.24	598	Yes
9	2	1858.74	538	Yes
10	8	1519.76	658	Yes
11	15	1253.13	798	Yes
12	3	1792.11	558	Yes
13	16	1222.49	818	Yes
14	21	1089.32	918	Yes
15	11	1392.76	718	Yes
16		464.47	2153	Yes
17		523.83	1909	Yes
18		551.88	1812	Yes
19		327.12	3057	Yes
20		1466.28	682	Yes
21		349.41	2862	Yes
22		415.80	2405	Yes
23		613.12	1631	Yes
24		704.23	1420	Yes
25		467.73	2138	Yes
26		697.35	1434	Yes
27		810.37	1234	Yes
28		515.46	1940	Yes
29		562.75	1777	Yes
30		367.92	2718	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	27	3.80	169	Yes
2	28	3.90	187	Yes
3	26	2.80	199	Yes
4	26	3.10	177	Yes
5	27	3.70	190	Yes
6	28	4.10	209	Yes
7	29	4.70	220	Yes
8	27	3.60	161	Yes
9	23	1.20	217	Yes
10	28	4.30	200	Yes
11	28	4.40	192	Yes
12	25	2.30	206	Yes
13	23	1.40	189	Yes
14	29	4.60	164	Yes
15	25	2.40	196	Yes
16	27	3.80	198	Yes
17	24	1.60	183	Yes
18	26	2.70	228	Yes
19	29	4.90	152	Yes
20	23	1.00	223	Yes
21	25	2.70	165	Yes
22	26	3.10	219	Yes
23	25	2.30	195	Yes
24	28	4.10	168	Yes
25	26	2.90	212	Yes
26	26	2.90	185	Yes
27	23	1.30	174	Yes
28	28	4.40	193	Yes
29	24	1.80	160	Yes
30	26	3.00	151	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	18	8.80	268	Yes
2	18	8.90	201	Yes
3	17	7.80	478	Yes
4	17	8.10	415	Yes
5	17	8.70	328	Yes
6	18	9.10	329	Yes
7	18	9.70	209	Yes
8	17	8.60	425	Yes
9	16	6.20	296	Yes
10	18	9.30	227	Yes
11	18	9.40	493	Yes
12	17	7.30	397	Yes
13	16	6.40	263	Yes
14	18	9.60	450	Yes
15	17	7.40	424	Yes
16	18	8.80	417	Yes
17	16	6.60	418	Yes
18	17	7.70	403	Yes
19	18	9.90	453	Yes
20	16	6.00	376	Yes
21	17	7.70	405	Yes
22	17	8.10	466	Yes
23	16	7.30	348	Yes
24	18	9.10	500	Yes
25	17	7.90	308	Yes
26	17	7.90	447	Yes
27	16	6.30	343	Yes
28	18	9.40	318	Yes
29	16	6.80	496	Yes
30	17	8.00	244	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	15	17.30	268	Yes
2	15	17.60	201	Yes
3	14	15.00	478	Yes
4	14	15.80	415	Yes
5	15	17.00	328	Yes
6	15	18.00	329	Yes
7	16	19.30	209	Yes
8	15	16.80	425	Yes
9	12	11.50	296	Yes
10	16	18.50	227	Yes
11	16	18.60	493	Yes
12	13	14.00	397	Yes
13	12	11.80	263	Yes
14	16	19.10	450	Yes
15	13	14.20	424	Yes
16	15	17.20	417	Yes
17	12	12.40	418	Yes
18	14	14.90	403	Yes
19	16	19.60	453	Yes
20	12	11.00	376	Yes
21	14	14.80	405	Yes
22	14	15.80	466	Yes
23	13	13.90	348	Yes
24	15	17.90	500	Yes
25	14	15.30	308	Yes
26	14	15.30	447	Yes
27	12	11.70	343	Yes
28	16	18.70	318	Yes
29	13	12.90	496	Yes
30	14	15.50	244	Yes

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

Trial Number:			1			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	84.7	16	1931	1568	655997
2	3	86.6	16	1508	1615	124923
3	2	72.4	16	1481	-	295880
4	2	76.5	16	1085	-	466307
5	2	83.2	16	1567	-	636213
6	3	88.7	16	1681	1836	103907
7	3	96.2	16	1381	1784	274099
8	2	82.1	16	1945	-	444890
9	1	53.1	16	-	-	616682
10	3	91.3	16	1048	1282	83100
11	3	92.2	16	1432	1071	253474
12	2	66.8	16	1698	-	424173
13	1	54.9	16	-	-	595517
14	3	94.6	16	1904	1502	62067
15	2	68.1	16	1254	-	232844
16	3	84.5	16	1692	1031	402525
17	1	57.9	16	-	-	574767
18						
19						
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	71.7	16	1554	-	41212
2	3	97.6	16	1389	1302	211271
3	1	50.2	16	-	-	382972
4	2	71	16	1030	-	552949
5	2	76.4	16	1858	-	20197
6	1	66.2	16	-	-	191189
7	3	88.4	16	1334	1624	360357
8	2	74	16	1883	-	531228
9	2	73.6	16	1393	-	702167
10	1	54.3	16	-	-	170152
11	3	92.5	16	1772	1785	339142
12	1	60.5	16	-	-	511366
13	2	74.9	16	1230	-	681003
14	1	52	16	-	-	149045
15	3	100	16	1427	1717	318414
16	2	80.5	16	1603	-	489296
17	3	92	16	1867	1753	657689
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.9	12	-	-	167423
2	2	81	12	1914	-	389945
3	3	90.8	12	1824	1126	612155
4	2	80.4	12	1093	-	837148
5	1	63.7	12	-	-	139843
6	1	61.6	12	-	-	363477
7	1	55.2	12	-	-	587123
8	2	76.3	12	1611	-	808888
9	2	74.4	12	1153	-	112218
10	3	92.3	12	1760	1309	334699
11	1	64.9	12	-	-	559274
12	3	90.6	12	1947	1520	779716
13	2	78.7	12	1179	-	84733
14						
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Trial Number:			4			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	80.6	13	1264	-	286002
2	3	85.3	13	1986	1390	491679
3	1	66.3	13	-	-	701125
4	1	56.5	13	-	-	53213
5	2	80.9	13	1250	-	260425
6	1	53.5	13	-	-	468244
7	2	77.1	13	1961	-	674454
8	3	87.9	13	1150	1868	27546
9	1	58.2	13	-	-	235066
10	2	70.4	13	1726	-	441923
11	3	84	13	1558	1078	648427
12	1	52.4	13	-	-	2071
13	1	59.5	13	-	-	209661
14	3	84.4	13	1657	1067	415836
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19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			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	1	53.7	15	-	-	546277
2	2	71.5	15	1863	-	726112
3	2	78.3	15	1322	-	160754
4	3	89.2	15	1129	1522	341268
5	3	92.3	15	1810	1442	521535
6	3	86.4	15	1759	1814	702619
7	1	62.9	15	-	-	138644
8	2	81.7	15	1040	-	319847
9	3	87.1	15	1761	1832	499596
10	3	93.7	15	1428	1009	681077
11	2	77.5	15	1830	-	115977
12	1	58	15	-	-	297616
13	3	85.9	15	1184	1660	477780
14	3	95	15	1565	1706	657665
15	3	94.7	15	1400	1635	93569
16	1	52	15	-	-	275345
17						
18						
19						
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	73.9	17	1639	-	405012
2	2	73.4	17	1835	-	565673
3	3	83.5	17	1363	1876	63267
4	3	94.9	17	1743	1355	223803
5	2	73.8	17	1896	-	385337
6	1	57.2	17	-	-	547277
7	3	94.3	17	1614	1737	43465
8	2	68.4	17	1575	-	204391
9	2	71.2	17	1546	-	365693
10	3	96.4	17	1353	1884	524936
11	1	53.4	17	-	-	23828
12	1	54	17	-	-	185194
13	1	54.6	17	-	-	346593
14	1	60.6	17	-	-	508145
15	1	56.7	17	-	-	3965
16	2	77.9	17	1069	-	164985
17	1	54.1	17	-	-	326604
18	2	77.3	17	1470	-	487104
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	51.5	19	-	-	614737
2	1	54.7	19	-	-	137807
3	3	96.1	19	1801	1581	288774
4	1	53.1	19	-	-	443716
5	2	72.7	19	1763	-	594817
6	1	54.2	19	-	-	118969
7	1	65.8	19	-	-	271562
8	3	98.9	19	1139	1965	422192
9	3	98.2	19	1052	1551	574613
10	2	72.6	19	1997	-	99796
11	2	79	19	1967	-	252184
12	2	72.8	19	1790	-	404601
13	2	67.6	19	1299	-	556988
14	2	82.1	19	1159	-	81084
15	3	93.2	19	1017	1629	233073
16	1	56.2	19	-	-	386851
17	3	96.6	19	1276	1774	536689
18	1	60.6	19	-	-	62433
19	2	69	19	1827	-	214497
20						

Trial Number:			8			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	1	64.7	15	-	-	437128
2	1	60.6	15	-	-	618881
3	3	96.6	15	1569	1425	51593
4	2	77.3	15	1061	-	232966
5	1	59.9	15	-	-	415167
6	2	67.9	15	1249	-	595491
7	3	95.9	15	1023	1315	29395
8	2	82.9	15	1308	-	210525
9	1	58.9	15	-	-	392319
10	2	77	15	1878	-	572722
11	2	76.5	15	1305	-	7094
12	3	87	15	1916	1029	187930
13	3	99.6	15	1027	1073	369342
14	1	53.8	15	-	-	551509
15	1	58.6	15	-	-	733206
16	3	93.5	15	1869	1398	165468
17						
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	90	6	1712	1054	694820
2	1	55.9	6	-	-	1059977
3	2	70.7	6	1518	-	1421797
4	1	50.6	6	-	-	288224
5	2	79.3	6	1813	-	650877
6	2	79.1	6	1519	-	1013638
7	2	74.9	6	1596	-	1377105
8	1	59	6	-	-	243359
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	71.6	18	1837	-	268530
2	3	89.4	18	1482	1944	428632
3	3	98.4	18	1963	1049	588949
4	2	78.7	18	1384	-	87955
5	2	71.3	18	1797	-	248889
6	1	60.8	18	-	-	410576
7	3	98.4	18	1926	1115	569775
8	1	64	18	-	-	68323
9	3	96.1	18	1715	1513	228650
10	1	58.9	18	-	-	391059
11	3	89.5	18	1469	1344	549646
12	2	66.7	18	1646	-	48290
13	1	55	18	-	-	209696
14	2	77.5	18	1564	-	370299
15	3	86.1	18	1485	1534	530255
16	3	85.3	18	1538	1658	28408
17	2	76.8	18	1620	-	189287
18	2	71.3	18	1187	-	350652
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	1	56.8	18	-	-	512196
2	2	71.9	18	1910	-	8645
3	2	71.6	18	1661	-	169612
4	3	85.6	18	1174	1809	329823
5	2	79.4	18	1013	-	491777
6	2	69	18	1405	-	652645
7	1	59	18	-	-	150009
8	3	88.7	18	1319	1710	310220
9	1	53.2	18	-	-	473049
10	1	50.2	18	-	-	634521
11	2	75.8	18	1157	-	129985
12	1	59.9	18	-	-	291541
13	3	89.7	18	1310	1866	450963
14	3	85.6	18	1501	1930	610902
15	3	85.8	18	1956	1228	109833
16	3	87.5	18	1224	1460	270414
17	1	55.6	18	-	-	433154
18	2	70.6	18	1839	-	593072
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	69.6	10	1767	-	135619
2	2	67.1	10	1697	-	377525
3	1	61.6	10	-	-	620351
4	3	98.2	10	1084	1532	860311
5	2	78.7	10	1025	-	105891
6	1	62.5	10	-	-	348033
7	3	90.9	10	1170	1088	589284
8	3	90.7	10	1994	1563	829695
9	1	64.3	10	-	-	76230
10	3	92	10	1696	1055	317604
11	3	88.5	10	1278	1861	558643
12	1	62.5	10	-	-	802449
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Trial Number:			13			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	2	69.9	6	1466	-	61797
2	3	85.5	6	1723	1057	384031
3	2	73.8	6	1382	-	707297
4	1	58	6	-	-	1031091
5	2	72.2	6	1627	-	22046
6	1	53	6	-	-	345000
7	3	87.5	6	1147	1307	666856
8	3	86.1	6	1529	1441	989001
9	1	59.9	6	-	-	1313683
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Trial Number:			14			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	2	79.4	19	1324	-	144142
2	2	69.7	19	1656	-	296382
3	2	82.7	19	1789	-	448446
4	1	57.5	19	-	-	602814
5	3	98.2	19	1937	1915	124865
6	3	88.2	19	1807	1928	276885
7	3	86.2	19	1236	1467	429638
8	2	69.2	19	1385	-	582602
9	1	53.9	19	-	-	106814
10	2	81	19	1838	-	258642
11	2	67.6	19	1641	-	411225
12	2	71.8	19	1670	-	563475
13	1	65.5	19	-	-	88006
14	1	65.7	19	-	-	240707
15	1	59.7	19	-	-	393889
16	1	59.6	19	-	-	546448
17	1	58.7	19	-	-	69148
18	3	93.2	19	1420	1787	220694
19	1	59.1	19	-	-	374867
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	94.8	10	1246	1690	833550
2	3	88.8	10	1745	1378	79461
3	1	54.6	10	-	-	322047
4	2	67.1	10	1815	-	562796
5	1	50.2	10	-	-	806607
6	3	90.8	10	1833	1101	49778
7	2	80.4	10	1413	-	291600
8	3	90.4	10	1693	1323	532507
9	3	86.1	10	1958	1151	773838
10	2	81.7	10	1604	-	20035
11	1	63.3	10	-	-	262118
12	2	82.7	10	1583	-	503732
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	100	16	1850	1704	557062
2	2	69.6	16	1186	-	739537
3	1	60.6	16	-	-	174311
4	3	90.2	16	1206	1746	354499
5	3	97.5	16	1354	1733	534821
6	2	79	16	1422	-	717739
7	3	90.6	16	1217	1312	151264
8	2	80.5	16	1822	-	332601
9	2	74.3	16	1007	-	514051
10	1	54.7	16	-	-	696836
11	2	71.4	16	1996	-	129075
12	1	60.4	16	-	-	310899
13	1	61	16	-	-	492448
14	2	70.8	16	1164	-	672973
15	3	90.7	16	1860	1118	106677
16	1	54.4	16	-	-	288671
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	69.8	7	1095	-	752035
2	1	64.1	7	-	-	1043689
3	3	98.4	7	1435	1144	135433
4	1	63.5	7	-	-	426376
5	1	59.8	7	-	-	716984
6	2	78.4	7	1907	-	1006358
7	3	91.4	7	1991	1998	99601
8	2	71.1	7	1439	-	389997
9	2	74.7	7	1859	-	680202
10	1	52.5	7	-	-	972241
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Trial Number:			18			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	2	82.5	11	1292	-	49263
2	2	66.7	11	1577	-	272453
3	2	67.8	11	1579	-	495469
4	3	97.9	11	1622	1633	717131
5	1	50	11	-	-	21786
6	3	87.6	11	1189	1338	244661
7	3	90.6	11	1499	1258	467517
8	3	98.3	11	1037	1948	690171
9	2	67.6	11	1387	-	914506
10	1	52.1	11	-	-	217686
11	1	54.8	11	-	-	441485
12	2	75.5	11	1351	-	664152
13	1	62.2	11	-	-	888139
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Trial Number:			19			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	80.7	20	1730	-	123242
2	2	68.1	20	1172	-	267977
3	1	62.6	20	-	-	413679
4	3	84.8	20	1392	1890	555951
5	3	90	20	1419	1496	105163
6	2	67.4	20	1732	-	250303
7	3	94.2	20	1671	1613	394110
8	1	56.1	20	-	-	540938
9	2	79.4	20	1041	-	87667
10	1	50	20	-	-	232979
11	2	75.9	20	1683	-	376749
12	2	70.6	20	1444	-	522077
13	2	72	20	1762	-	69731
14	2	83.3	20	1664	-	214376
15	3	99.9	20	1377	1973	357974
16	2	72.9	20	1781	-	504239
17	2	71.5	20	1938	-	51882
18	2	78.3	20	1010	-	196780
19	3	89.6	20	1665	1080	340713
20	1	65.5	20	-	-	487548

Trial Number:			20			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	3	94.9	5	1225	1245	85373
2	3	96.5	5	1289	1654	447948
3	2	73.9	5	1498	-	811606
4	1	62.7	5	-	-	1175753
5	2	76.5	5	1404	-	40701
6	1	54.7	5	-	-	404189
7	3	83.9	5	1921	1195	766189
8	2	69.8	5	1932	-	1129728
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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5524			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.7	11	-	-	918845
2	1	53.1	11	-	-	221037
3	3	88.6	11	1429	1946	442675
4	3	99.7	11	1424	1808	665802
5	3	94.4	11	1549	1724	888563
6	1	51.8	11	-	-	193440
7	2	67.7	11	1805	-	416242
8	3	95.4	11	1180	1905	638657
9	3	97.2	11	1243	1175	861959
10	3	93.6	11	1391	1709	165436
11	1	51.3	11	-	-	389600
12	1	53.7	11	-	-	613181
13	2	80.6	11	1277	-	835317
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5523			Yes
Burst	Number of Pulses	Pulse 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	1616	1892	128036
2	1	53.1	13	-	-	336187
3	1	66.6	13	-	-	543850
4	3	91.9	13	1493	1099	748448
5	2	77.2	13	1571	-	102733
6	2	78.1	13	1046	-	310002
7	1	54.2	13	-	-	518298
8	3	90.8	13	1975	1446	722512
9	2	75.3	13	1751	-	77255
10	3	96.2	13	1124	1119	284307
11	2	73.8	13	1416	-	491784
12	1	65.3	13	-	-	699722
13	1	60	13	-	-	51845
14	2	67.4	13	1764	-	258800
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5524			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	84.2	10	1358	1951	542884
2	3	94.3	10	1755	1480	784065
3	3	100	10	1527	1580	30568
4	1	58.3	10	-	-	272871
5	3	85.2	10	1601	1125	513554
6	3	83.6	10	1768	1283	755235
7	2	74.3	10	1209	-	839
8	3	93.4	10	1407	1626	242358
9	2	76.2	10	1106	-	484654
10	1	61.5	10	-	-	727696
11	2	76.3	10	1705	-	967903
12	2	76.3	10	1993	-	212720
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5522			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	70.1	17	1212	-	320830
2	1	65.6	17	-	-	492032
3	1	54.4	17	-	-	662905
4	2	75.8	17	1457	-	129045
5	2	77.9	17	1332	-	299822
6	2	77	17	1582	-	470054
7	3	85.8	17	1792	1873	638550
8	3	84.9	17	1229	1791	107869
9	3	98.5	17	1555	1314	277842
10	3	93.4	17	1039	1311	448314
11	1	57.2	17	-	-	621057
12	2	70.9	17	1053	-	87182
13	3	99.3	17	1364	1295	257196
14	2	76.7	17	1279	-	428386
15	2	79.6	17	1028	-	598764
16	2	79.1	17	1447	-	66065
17	3	87.5	17	1754	1820	235709
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5524			Yes
Burst	Number of Pulses	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	12	-	-	495458
2	1	64.8	12	-	-	703122
3	3	84.4	12	1853	1167	54646
4	3	84.4	12	1479	1001	261498
5	3	84.5	12	1796	1127	468111
6	3	83.5	12	1293	1560	675304
7	1	51	12	-	-	29302
8	3	97.3	12	1770	1148	235888
9	3	85.3	12	1812	1357	442925
10	1	66.1	12	-	-	651976
11	2	70.1	12	1703	-	3737
12	1	56.2	12	-	-	211259
13	1	53	12	-	-	418907
14	2	76.9	12	1953	-	624706
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5524			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	55.1	12	-	-	833576
2	1	65.6	12	-	-	185660
3	1	50.9	12	-	-	393098
4	1	57.9	12	-	-	600986
5	3	88.7	12	1414	1855	804884
6	3	86.4	12	1977	1183	159589
7	3	99.6	12	1779	1666	366354
8	2	68.2	12	1313	-	574360
9	3	96.9	12	1647	1231	780060
10	2	79.5	12	1898	-	134305
11	2	75.1	12	1845	-	341555
12	2	68.9	12	1136	-	548825
13	3	90.9	12	1266	1374	755036
14	3	87.1	12	1205	1440	108720
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Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	79	6	1547	-	492246
2	1	59.1	6	-	-	815470
3	1	58.5	6	-	-	1139052
4	1	54	6	-	-	129951
5	3	95.3	6	1885	1540	451760
6	1	55.9	6	-	-	775891
7	2	69.2	6	1682	-	1097459
8	3	96.8	6	1178	1976	89897
9	3	92	6	1068	1301	412356
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5521			Yes
Burst	Number of Pulses	Pulse 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	18	1096	1320	347122
2	3	85.6	18	1121	1346	499131
3	2	82.1	18	1221	-	23774
4	1	53.3	18	-	-	176741
5	2	78.5	18	1471	-	328676
6	3	92.7	18	1284	1848	479805
7	1	60.8	18	-	-	4989
8	1	65.7	18	-	-	157676
9	2	78.7	18	1911	-	309678
10	3	95.4	18	1024	1495	461287
11	1	66.4	18	-	-	616574
12	1	52.1	18	-	-	138996
13	1	55.3	18	-	-	291797
14	3	98.4	18	1173	1388	442764
15	2	68.7	18	1166	-	596559
16	3	90.9	18	1362	1608	119524
17	3	92.8	18	1019	1296	272137
18	3	87.9	18	1092	1317	423967
19	3	88.9	18	1668	1507	575454
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FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	2	67.9	8	1535	-	192426
2	1	54.8	8	-	-	483353
3	1	59.2	8	-	-	774084
4	1	65.5	8	-	-	1064814
5	3	92.7	8	1110	1348	156563
6	1	64	8	-	-	447759
7	2	68.2	8	1901	-	737342
8	2	76.1	8	1678	-	1027411
9	1	57.6	8	-	-	121134
10	1	66.1	8	-	-	411730
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5524			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	61	12	-	-	501249
2	3	97.1	12	1844	1543	706401
3	1	57.7	12	-	-	60944
4	1	58.3	12	-	-	268326
5	2	73.7	12	1769	-	474846
6	1	58.9	12	-	-	683832
7	2	72.3	12	1366	-	35316
8	1	56.5	12	-	-	242990
9	2	83	12	1410	-	449574
10	2	71	12	1089	-	657329
11	2	75.5	12	1200	-	9786
12	3	86.1	12	1492	1740	216592
13	1	63.8	12	-	-	424792
14	3	96.4	12	1443	1631	629862
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Channel 106 Bandwidth 80MHz

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	4	1730.10	578	Yes
2	19	1138.95	878	Yes
3	12	1355.01	738	Yes
4	1	1930.50	518	Yes
5	13	1319.26	758	Yes
6	6	1618.12	618	Yes
7	22	1066.10	938	Yes
8	5	1672.24	598	Yes
9	2	1858.74	538	Yes
10	8	1519.76	658	Yes
11	15	1253.13	798	Yes
12	3	1792.11	558	Yes
13	16	1222.49	818	Yes
14	21	1089.32	918	Yes
15	11	1392.76	718	Yes
16		464.47	2153	Yes
17		523.83	1909	Yes
18		551.88	1812	Yes
19		327.12	3057	Yes
20		1466.28	682	Yes
21		349.41	2862	Yes
22		415.80	2405	Yes
23		613.12	1631	Yes
24		704.23	1420	Yes
25		467.73	2138	Yes
26		697.35	1434	Yes
27		810.37	1234	Yes
28		515.46	1940	Yes
29		562.75	1777	Yes
30		367.92	2718	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	27	3.80	169	Yes
2	28	3.90	187	Yes
3	26	2.80	199	Yes
4	26	3.10	177	Yes
5	27	3.70	190	Yes
6	28	4.10	209	Yes
7	29	4.70	220	Yes
8	27	3.60	161	Yes
9	23	1.20	217	Yes
10	28	4.30	200	Yes
11	28	4.40	192	Yes
12	25	2.30	206	Yes
13	23	1.40	189	Yes
14	29	4.60	164	Yes
15	25	2.40	196	Yes
16	27	3.80	198	Yes
17	24	1.60	183	Yes
18	26	2.70	228	Yes
19	29	4.90	152	Yes
20	23	1.00	223	Yes
21	25	2.70	165	Yes
22	26	3.10	219	Yes
23	25	2.30	195	Yes
24	28	4.10	168	Yes
25	26	2.90	212	Yes
26	26	2.90	185	Yes
27	23	1.30	174	Yes
28	28	4.40	193	Yes
29	24	1.80	160	Yes
30	26	3.00	151	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	18	8.80	268	Yes
2	18	8.90	201	Yes
3	17	7.80	478	Yes
4	17	8.10	415	Yes
5	17	8.70	328	Yes
6	18	9.10	329	Yes
7	18	9.70	209	Yes
8	17	8.60	425	Yes
9	16	6.20	296	Yes
10	18	9.30	227	Yes
11	18	9.40	493	Yes
12	17	7.30	397	Yes
13	16	6.40	263	Yes
14	18	9.60	450	Yes
15	17	7.40	424	Yes
16	18	8.80	417	Yes
17	16	6.60	418	Yes
18	17	7.70	403	Yes
19	18	9.90	453	Yes
20	16	6.00	376	Yes
21	17	7.70	405	Yes
22	17	8.10	466	Yes
23	16	7.30	348	Yes
24	18	9.10	500	Yes
25	17	7.90	308	Yes
26	17	7.90	447	Yes
27	16	6.30	343	Yes
28	18	9.40	318	Yes
29	16	6.80	496	Yes
30	17	8.00	244	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	15	17.30	268	Yes
2	15	17.60	201	Yes
3	14	15.00	478	Yes
4	14	15.80	415	Yes
5	15	17.00	328	No
6	15	18.00	329	Yes
7	16	19.30	209	Yes
8	15	16.80	425	Yes
9	12	11.50	296	Yes
10	16	18.50	227	Yes
11	16	18.60	493	Yes
12	13	14.00	397	Yes
13	12	11.80	263	No
14	16	19.10	450	Yes
15	13	14.20	424	Yes
16	15	17.20	417	Yes
17	12	12.40	418	Yes
18	14	14.90	403	Yes
19	16	19.60	453	Yes
20	12	11.00	376	Yes
21	14	14.80	405	Yes
22	14	15.80	466	Yes
23	13	13.90	348	Yes
24	15	17.90	500	Yes
25	14	15.30	308	Yes
26	14	15.30	447	Yes
27	12	11.70	343	Yes
28	16	18.70	318	Yes
29	13	12.90	496	Yes
30	14	15.50	244	Yes

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

Trial Number:			1			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	84.7	16	1931	1568	655997
2	3	86.6	16	1508	1615	124923
3	2	72.4	16	1481	-	295880
4	2	76.5	16	1085	-	466307
5	2	83.2	16	1567	-	636213
6	3	88.7	16	1681	1836	103907
7	3	96.2	16	1381	1784	274099
8	2	82.1	16	1945	-	444890
9	1	53.1	16	-	-	616682
10	3	91.3	16	1048	1282	83100
11	3	92.2	16	1432	1071	253474
12	2	66.8	16	1698	-	424173
13	1	54.9	16	-	-	595517
14	3	94.6	16	1904	1502	62067
15	2	68.1	16	1254	-	232844
16	3	84.5	16	1692	1031	402525
17	1	57.9	16	-	-	574767
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	71.7	16	1554	-	41212
2	3	97.6	16	1389	1302	211271
3	1	50.2	16	-	-	382972
4	2	71	16	1030	-	552949
5	2	76.4	16	1858	-	20197
6	1	66.2	16	-	-	191189
7	3	88.4	16	1334	1624	360357
8	2	74	16	1883	-	531228
9	2	73.6	16	1393	-	702167
10	1	54.3	16	-	-	170152
11	3	92.5	16	1772	1785	339142
12	1	60.5	16	-	-	511366
13	2	74.9	16	1230	-	681003
14	1	52	16	-	-	149045
15	3	100	16	1427	1717	318414
16	2	80.5	16	1603	-	489296
17	3	92	16	1867	1753	657689
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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:			13			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.9	12	-	-	167423
2	2	81	12	1914	-	389945
3	3	90.8	12	1824	1126	612155
4	2	80.4	12	1093	-	837148
5	1	63.7	12	-	-	139843
6	1	61.6	12	-	-	363477
7	1	55.2	12	-	-	587123
8	2	76.3	12	1611	-	808888
9	2	74.4	12	1153	-	112218
10	3	92.3	12	1760	1309	334699
11	1	64.9	12	-	-	559274
12	3	90.6	12	1947	1520	779716
13	2	78.7	12	1179	-	84733
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Trial Number:			4			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	80.6	13	1264	-	286002
2	3	85.3	13	1986	1390	491679
3	1	66.3	13	-	-	701125
4	1	56.5	13	-	-	53213
5	2	80.9	13	1250	-	260425
6	1	53.5	13	-	-	468244
7	2	77.1	13	1961	-	674454
8	3	87.9	13	1150	1868	27546
9	1	58.2	13	-	-	235066
10	2	70.4	13	1726	-	441923
11	3	84	13	1558	1078	648427
12	1	52.4	13	-	-	2071
13	1	59.5	13	-	-	209661
14	3	84.4	13	1657	1067	415836
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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:			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	1	53.7	15	-	-	546277
2	2	71.5	15	1863	-	726112
3	2	78.3	15	1322	-	160754
4	3	89.2	15	1129	1522	341268
5	3	92.3	15	1810	1442	521535
6	3	86.4	15	1759	1814	702619
7	1	62.9	15	-	-	138644
8	2	81.7	15	1040	-	319847
9	3	87.1	15	1761	1832	499596
10	3	93.7	15	1428	1009	681077
11	2	77.5	15	1830	-	115977
12	1	58	15	-	-	297616
13	3	85.9	15	1184	1660	477780
14	3	95	15	1565	1706	657665
15	3	94.7	15	1400	1635	93569
16	1	52	15	-	-	275345
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5530			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	73.9	17	1639	-	405012
2	2	73.4	17	1835	-	565673
3	3	83.5	17	1363	1876	63267
4	3	94.9	17	1743	1355	223803
5	2	73.8	17	1896	-	385337
6	1	57.2	17	-	-	547277
7	3	94.3	17	1614	1737	43465
8	2	68.4	17	1575	-	204391
9	2	71.2	17	1546	-	365693
10	3	96.4	17	1353	1884	524936
11	1	53.4	17	-	-	23828
12	1	54	17	-	-	185194
13	1	54.6	17	-	-	346593
14	1	60.6	17	-	-	508145
15	1	56.7	17	-	-	3965
16	2	77.9	17	1069	-	164985
17	1	54.1	17	-	-	326604
18	2	77.3	17	1470	-	487104
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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:			19			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	51.5	19	-	-	614737
2	1	54.7	19	-	-	137807
3	3	96.1	19	1801	1581	288774
4	1	53.1	19	-	-	443716
5	2	72.7	19	1763	-	594817
6	1	54.2	19	-	-	118969
7	1	65.8	19	-	-	271562
8	3	98.9	19	1139	1965	422192
9	3	98.2	19	1052	1551	574613
10	2	72.6	19	1997	-	99796
11	2	79	19	1967	-	252184
12	2	72.8	19	1790	-	404601
13	2	67.6	19	1299	-	556988
14	2	82.1	19	1159	-	81084
15	3	93.2	19	1017	1629	233073
16	1	56.2	19	-	-	386851
17	3	96.6	19	1276	1774	536689
18	1	60.6	19	-	-	62433
19	2	69	19	1827	-	214497
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Trial Number:			8			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	1	64.7	15	-	-	437128
2	1	60.6	15	-	-	618881
3	3	96.6	15	1569	1425	51593
4	2	77.3	15	1061	-	232966
5	1	59.9	15	-	-	415167
6	2	67.9	15	1249	-	595491
7	3	95.9	15	1023	1315	29395
8	2	82.9	15	1308	-	210525
9	1	58.9	15	-	-	392319
10	2	77	15	1878	-	572722
11	2	76.5	15	1305	-	7094
12	3	87	15	1916	1029	187930
13	3	99.6	15	1027	1073	369342
14	1	53.8	15	-	-	551509
15	1	58.6	15	-	-	733206
16	3	93.5	15	1869	1398	165468
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	90	6	1712	1054	694820
2	1	55.9	6	-	-	1059977
3	2	70.7	6	1518	-	1421797
4	1	50.6	6	-	-	288224
5	2	79.3	6	1813	-	650877
6	2	79.1	6	1519	-	1013638
7	2	74.9	6	1596	-	1377105
8	1	59	6	-	-	243359
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	71.6	18	1837	-	268530
2	3	89.4	18	1482	1944	428632
3	3	98.4	18	1963	1049	588949
4	2	78.7	18	1384	-	87955
5	2	71.3	18	1797	-	248889
6	1	60.8	18	-	-	410576
7	3	98.4	18	1926	1115	569775
8	1	64	18	-	-	68323
9	3	96.1	18	1715	1513	228650
10	1	58.9	18	-	-	391059
11	3	89.5	18	1469	1344	549646
12	2	66.7	18	1646	-	48290
13	1	55	18	-	-	209696
14	2	77.5	18	1564	-	370299
15	3	86.1	18	1485	1534	530255
16	3	85.3	18	1538	1658	28408
17	2	76.8	18	1620	-	189287
18	2	71.3	18	1187	-	350652
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	1	56.8	18	-	-	512196
2	2	71.9	18	1910	-	8645
3	2	71.6	18	1661	-	169612
4	3	85.6	18	1174	1809	329823
5	2	79.4	18	1013	-	491777
6	2	69	18	1405	-	652645
7	1	59	18	-	-	150009
8	3	88.7	18	1319	1710	310220
9	1	53.2	18	-	-	473049
10	1	50.2	18	-	-	634521
11	2	75.8	18	1157	-	129985
12	1	59.9	18	-	-	291541
13	3	89.7	18	1310	1866	450963
14	3	85.6	18	1501	1930	610902
15	3	85.8	18	1956	1228	109833
16	3	87.5	18	1224	1460	270414
17	1	55.6	18	-	-	433154
18	2	70.6	18	1839	-	593072
19						
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	2	69.6	10	1767	-	135619
2	2	67.1	10	1697	-	377525
3	1	61.6	10	-	-	620351
4	3	98.2	10	1084	1532	860311
5	2	78.7	10	1025	-	105891
6	1	62.5	10	-	-	348033
7	3	90.9	10	1170	1088	589284
8	3	90.7	10	1994	1563	829695
9	1	64.3	10	-	-	76230
10	3	92	10	1696	1055	317604
11	3	88.5	10	1278	1861	558643
12	1	62.5	10	-	-	802449
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			13			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	2	69.9	6	1466	-	61797
2	3	85.5	6	1723	1057	384031
3	2	73.8	6	1382	-	707297
4	1	58	6	-	-	1031091
5	2	72.2	6	1627	-	22046
6	1	53	6	-	-	345000
7	3	87.5	6	1147	1307	666856
8	3	86.1	6	1529	1441	989001
9	1	59.9	6	-	-	1313683
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Trial Number:			14			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	2	79.4	19	1324	-	144142
2	2	69.7	19	1656	-	296382
3	2	82.7	19	1789	-	448446
4	1	57.5	19	-	-	602814
5	3	98.2	19	1937	1915	124865
6	3	88.2	19	1807	1928	276885
7	3	86.2	19	1236	1467	429638
8	2	69.2	19	1385	-	582602
9	1	53.9	19	-	-	106814
10	2	81	19	1838	-	258642
11	2	67.6	19	1641	-	411225
12	2	71.8	19	1670	-	563475
13	1	65.5	19	-	-	88006
14	1	65.7	19	-	-	240707
15	1	59.7	19	-	-	393889
16	1	59.6	19	-	-	546448
17	1	58.7	19	-	-	69148
18	3	93.2	19	1420	1787	220694
19	1	59.1	19	-	-	374867
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	94.8	10	1246	1690	833550
2	3	88.8	10	1745	1378	79461
3	1	54.6	10	-	-	322047
4	2	67.1	10	1815	-	562796
5	1	50.2	10	-	-	806607
6	3	90.8	10	1833	1101	49778
7	2	80.4	10	1413	-	291600
8	3	90.4	10	1693	1323	532507
9	3	86.1	10	1958	1151	773838
10	2	81.7	10	1604	-	20035
11	1	63.3	10	-	-	262118
12	2	82.7	10	1583	-	503732
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	100	16	1850	1704	557062
2	2	69.6	16	1186	-	739537
3	1	60.6	16	-	-	174311
4	3	90.2	16	1206	1746	354499
5	3	97.5	16	1354	1733	534821
6	2	79	16	1422	-	717739
7	3	90.6	16	1217	1312	151264
8	2	80.5	16	1822	-	332601
9	2	74.3	16	1007	-	514051
10	1	54.7	16	-	-	696836
11	2	71.4	16	1996	-	129075
12	1	60.4	16	-	-	310899
13	1	61	16	-	-	492448
14	2	70.8	16	1164	-	672973
15	3	90.7	16	1860	1118	106677
16	1	54.4	16	-	-	288671
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	69.8	7	1095	-	752035
2	1	64.1	7	-	-	1043689
3	3	98.4	7	1435	1144	135433
4	1	63.5	7	-	-	426376
5	1	59.8	7	-	-	716984
6	2	78.4	7	1907	-	1006358
7	3	91.4	7	1991	1998	99601
8	2	71.1	7	1439	-	389997
9	2	74.7	7	1859	-	680202
10	1	52.5	7	-	-	972241
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Trial Number:			18			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	2	82.5	11	1292	-	49263
2	2	66.7	11	1577	-	272453
3	2	67.8	11	1579	-	495469
4	3	97.9	11	1622	1633	717131
5	1	50	11	-	-	21786
6	3	87.6	11	1189	1338	244661
7	3	90.6	11	1499	1258	467517
8	3	98.3	11	1037	1948	690171
9	2	67.6	11	1387	-	914506
10	1	52.1	11	-	-	217686
11	1	54.8	11	-	-	441485
12	2	75.5	11	1351	-	664152
13	1	62.2	11	-	-	888139
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Trial Number:			19			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	80.7	20	1730	-	123242
2	2	68.1	20	1172	-	267977
3	1	62.6	20	-	-	413679
4	3	84.8	20	1392	1890	555951
5	3	90	20	1419	1496	105163
6	2	67.4	20	1732	-	250303
7	3	94.2	20	1671	1613	394110
8	1	56.1	20	-	-	540938
9	2	79.4	20	1041	-	87667
10	1	50	20	-	-	232979
11	2	75.9	20	1683	-	376749
12	2	70.6	20	1444	-	522077
13	2	72	20	1762	-	69731
14	2	83.3	20	1664	-	214376
15	3	99.9	20	1377	1973	357974
16	2	72.9	20	1781	-	504239
17	2	71.5	20	1938	-	51882
18	2	78.3	20	1010	-	196780
19	3	89.6	20	1665	1080	340713
20	1	65.5	20	-	-	487548

Trial Number:			20			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	3	94.9	5	1225	1245	85373
2	3	96.5	5	1289	1654	447948
3	2	73.9	5	1498	-	811606
4	1	62.7	5	-	-	1175753
5	2	76.5	5	1404	-	40701
6	1	54.7	5	-	-	404189
7	3	83.9	5	1921	1195	766189
8	2	69.8	5	1932	-	1129728
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DFS Radar Parameters
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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5564			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.7	11	-	-	918845
2	1	53.1	11	-	-	221037
3	3	88.6	11	1429	1946	442675
4	3	99.7	11	1424	1808	665802
5	3	94.4	11	1549	1724	888563
6	1	51.8	11	-	-	193440
7	2	67.7	11	1805	-	416242
8	3	95.4	11	1180	1905	638657
9	3	97.2	11	1243	1175	861959
10	3	93.6	11	1391	1709	165436
11	1	51.3	11	-	-	389600
12	1	53.7	11	-	-	613181
13	2	80.6	11	1277	-	835317
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5563			Yes
Burst	Number of Pulses	Pulse 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	1616	1892	128036
2	1	53.1	13	-	-	336187
3	1	66.6	13	-	-	543850
4	3	91.9	13	1493	1099	748448
5	2	77.2	13	1571	-	102733
6	2	78.1	13	1046	-	310002
7	1	54.2	13	-	-	518298
8	3	90.8	13	1975	1446	722512
9	2	75.3	13	1751	-	77255
10	3	96.2	13	1124	1119	284307
11	2	73.8	13	1416	-	491784
12	1	65.3	13	-	-	699722
13	1	60	13	-	-	51845
14	2	67.4	13	1764	-	258800
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Trial Number:			23			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	84.2	10	1358	1951	542884
2	3	94.3	10	1755	1480	784065
3	3	100	10	1527	1580	30568
4	1	58.3	10	-	-	272871
5	3	85.2	10	1601	1125	513554
6	3	83.6	10	1768	1283	755235
7	2	74.3	10	1209	-	839
8	3	93.4	10	1407	1626	242358
9	2	76.2	10	1106	-	484654
10	1	61.5	10	-	-	727696
11	2	76.3	10	1705	-	967903
12	2	76.3	10	1993	-	212720
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5562			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	70.1	17	1212	-	320830
2	1	65.6	17	-	-	492032
3	1	54.4	17	-	-	662905
4	2	75.8	17	1457	-	129045
5	2	77.9	17	1332	-	299822
6	2	77	17	1582	-	470054
7	3	85.8	17	1792	1873	638550
8	3	84.9	17	1229	1791	107869
9	3	98.5	17	1555	1314	277842
10	3	93.4	17	1039	1311	448314
11	1	57.2	17	-	-	621057
12	2	70.9	17	1053	-	87182
13	3	99.3	17	1364	1295	257196
14	2	76.7	17	1279	-	428386
15	2	79.6	17	1028	-	598764
16	2	79.1	17	1447	-	66065
17	3	87.5	17	1754	1820	235709
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5564			Yes
Burst	Number of Pulses	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	12	-	-	495458
2	1	64.8	12	-	-	703122
3	3	84.4	12	1853	1167	54646
4	3	84.4	12	1479	1001	261498
5	3	84.5	12	1796	1127	468111
6	3	83.5	12	1293	1560	675304
7	1	51	12	-	-	29302
8	3	97.3	12	1770	1148	235888
9	3	85.3	12	1812	1357	442925
10	1	66.1	12	-	-	651976
11	2	70.1	12	1703	-	3737
12	1	56.2	12	-	-	211259
13	1	53	12	-	-	418907
14	2	76.9	12	1953	-	624706
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5564			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	55.1	12	-	-	833576
2	1	65.6	12	-	-	185660
3	1	50.9	12	-	-	393098
4	1	57.9	12	-	-	600986
5	3	88.7	12	1414	1855	804884
6	3	86.4	12	1977	1183	159589
7	3	99.6	12	1779	1666	366354
8	2	68.2	12	1313	-	574360
9	3	96.9	12	1647	1231	780060
10	2	79.5	12	1898	-	134305
11	2	75.1	12	1845	-	341555
12	2	68.9	12	1136	-	548825
13	3	90.9	12	1266	1374	755036
14	3	87.1	12	1205	1440	108720
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Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5566			Yes
Burst	Number of Pulses	Pulse 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	6	1547	-	492246
2	1	59.1	6	-	-	815470
3	1	58.5	6	-	-	1139052
4	1	54	6	-	-	129951
5	3	95.3	6	1885	1540	451760
6	1	55.9	6	-	-	775891
7	2	69.2	6	1682	-	1097459
8	3	96.8	6	1178	1976	89897
9	3	92	6	1068	1301	412356
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5561			Yes
Burst	Number of Pulses	Pulse 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	18	1096	1320	347122
2	3	85.6	18	1121	1346	499131
3	2	82.1	18	1221	-	23774
4	1	53.3	18	-	-	176741
5	2	78.5	18	1471	-	328676
6	3	92.7	18	1284	1848	479805
7	1	60.8	18	-	-	4989
8	1	65.7	18	-	-	157676
9	2	78.7	18	1911	-	309678
10	3	95.4	18	1024	1495	461287
11	1	66.4	18	-	-	616574
12	1	52.1	18	-	-	138996
13	1	55.3	18	-	-	291797
14	3	98.4	18	1173	1388	442764
15	2	68.7	18	1166	-	596559
16	3	90.9	18	1362	1608	119524
17	3	92.8	18	1019	1296	272137
18	3	87.9	18	1092	1317	423967
19	3	88.9	18	1668	1507	575454
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Trial Number:			29			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	67.9	8	1535	-	192426
2	1	54.8	8	-	-	483353
3	1	59.2	8	-	-	774084
4	1	65.5	8	-	-	1064814
5	3	92.7	8	1110	1348	156563
6	1	64	8	-	-	447759
7	2	68.2	8	1901	-	737342
8	2	76.1	8	1678	-	1027411
9	1	57.6	8	-	-	121134
10	1	66.1	8	-	-	411730
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5564			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	61	12	-	-	501249
2	3	97.1	12	1844	1543	706401
3	1	57.7	12	-	-	60944
4	1	58.3	12	-	-	268326
5	2	73.7	12	1769	-	474846
6	1	58.9	12	-	-	683832
7	2	72.3	12	1366	-	35316
8	1	56.5	12	-	-	242990
9	2	83	12	1410	-	449574
10	2	71	12	1089	-	657329
11	2	75.5	12	1200	-	9786
12	3	86.1	12	1492	1740	216592
13	1	63.8	12	-	-	424792
14	3	96.4	12	1443	1631	629862
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