DYNAMIC FREQUENCY SELECTION

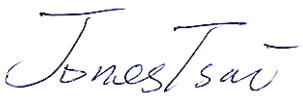
DFS Test Report

APPLICANT	:	Ignition Design Labs (US) LLC
EQUIPMENT	:	Advanced Wireless Router
BRAND NAME	:	Ignition Design Labs
MODEL NAME	:	Portal
MARKETING NAME	:	Portal
FCC ID	:	2AFZUSAP102
STANDARD	:	FCC Part 15 Subpart E
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure

The product was received on May 20, 2016 and completely tested on Jun. 12, 2016. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the procedures and shown to be compliant with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by: Joseph Lin / Supervisor



Approved by: Jones Tsai / Manager

SPORTON INTERNATIONAL INC.

No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FZ652049-01	Rev. 01	Initial issue of report	Jul. 27, 2016
FZ652049-01	Rev. 02	Update report of adding mesh mode information at page 7	Jul. 29, 2016

SUMMARY OF DYNAMIC FREQUENCY SELECTION TEST

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

N.P. : Not Performed.

1 General Description

1.1 Applicant

Ignition Design Labs (US) LLC
5F-2., No. 158, Sec. 2, Gongdao 5th Rd., Hsinchu City 30070, Taiwan

1.2 Manufacturer

Ignition Design Labs (US) LLC
5F-2., No. 158, Sec. 2, Gongdao 5th Rd., Hsinchu City 30070, Taiwan

1.3 Feature of Equipment Under Test

Product Feature	
Equipment	Advanced Wireless Router
Brand Name	Ignition Design Labs
Model Name	Portal
Marketing Name	Portal
FCC ID	2AFZUSAP102
EUT supports Radios application	WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth v4.0 EDR/LE
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 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 ~ 5700 MHz
EUT support WLAN function	**<5260 MHz ~ 5320 MHz>** 802.11a 802.11n HT20/40 802.11ac VHT20/40/80 **<5500 MHz ~ 5700 MHz >** 802.11a 802.11n HT20/40 802.11ac VHT20/40/80
Type of Modulation	802.11a/n: OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac: OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)
HW Version	v1.0
SW Version	v1.0

1.5 Testing Site

Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C. TEL: +886-3-3273456 / FAX: +886-3-3284978
Test Site No.	**Sporton Site No.**
	DFS02-HY

1.6 Applied Standards

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

- FCC Part 15 Subpart E
- FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02
- FCC KDB 905462 D04 Operational Modes for DFS Testing New Rules v01

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

1.7 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID
1.	Notebook	Lenovo	Edge E335	PPD-AR5B95
2.	WLAN Dongle	CISCO	AE6000	Q87-AE6000

2 Requirements and Parameters for DFS Test

2.1 Applicability of DFS Requirements

EUT is considered as a master device.

EUT supports MESH mode and details are described in the operational description.

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.

2.2 DFS Detection Thresholds

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

Table 3: DFS Detection Thresholds for Master Devices

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

The radar *Detection Threshold*, lowest antenna gain is the parameter of Interference *radar DFS detection threshold*.

The Interference *Detection Threshold* is the *(-64dBm) + (3.45)* [dBi]+ 1 dB= -59.55 dBm.

2.3 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.

2.4 Short Pulse Radar Test Waveforms

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

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

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

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

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

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

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

Table 5a - Pulse Repetition Intervals Values for Test A

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

2.5 Long Pulse Radar Test Waveform

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

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

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

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

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

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

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

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

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

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

A representative example of a Long Pulse radar test waveform:

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

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

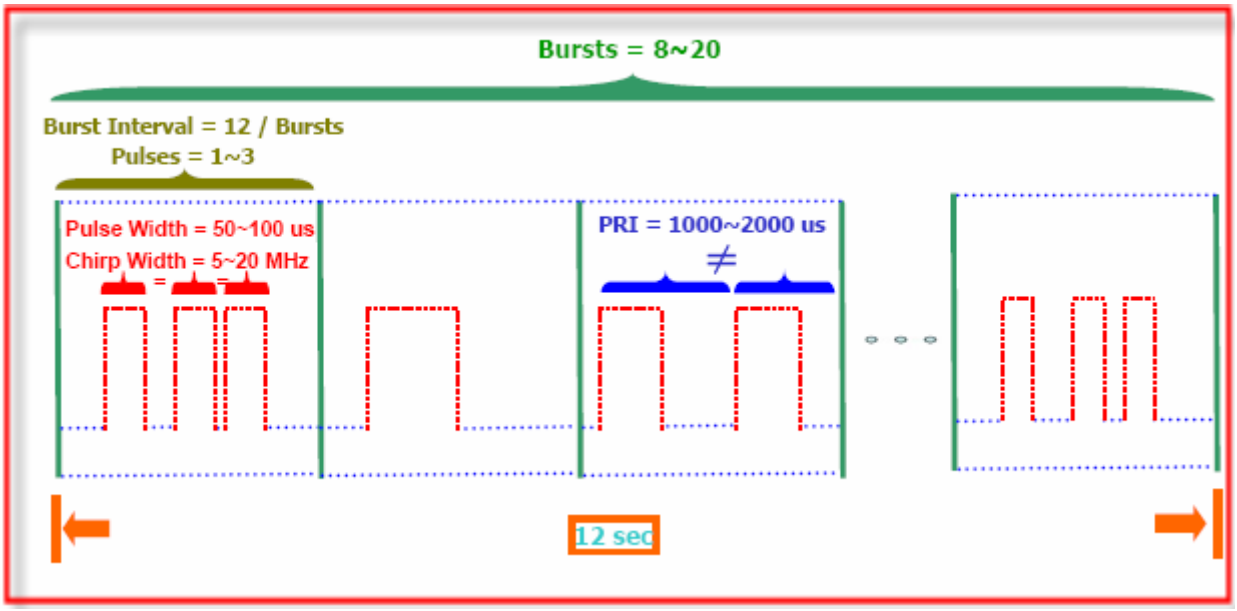
(3) Burst 1 has 2 randomly generated pulses.

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

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

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

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

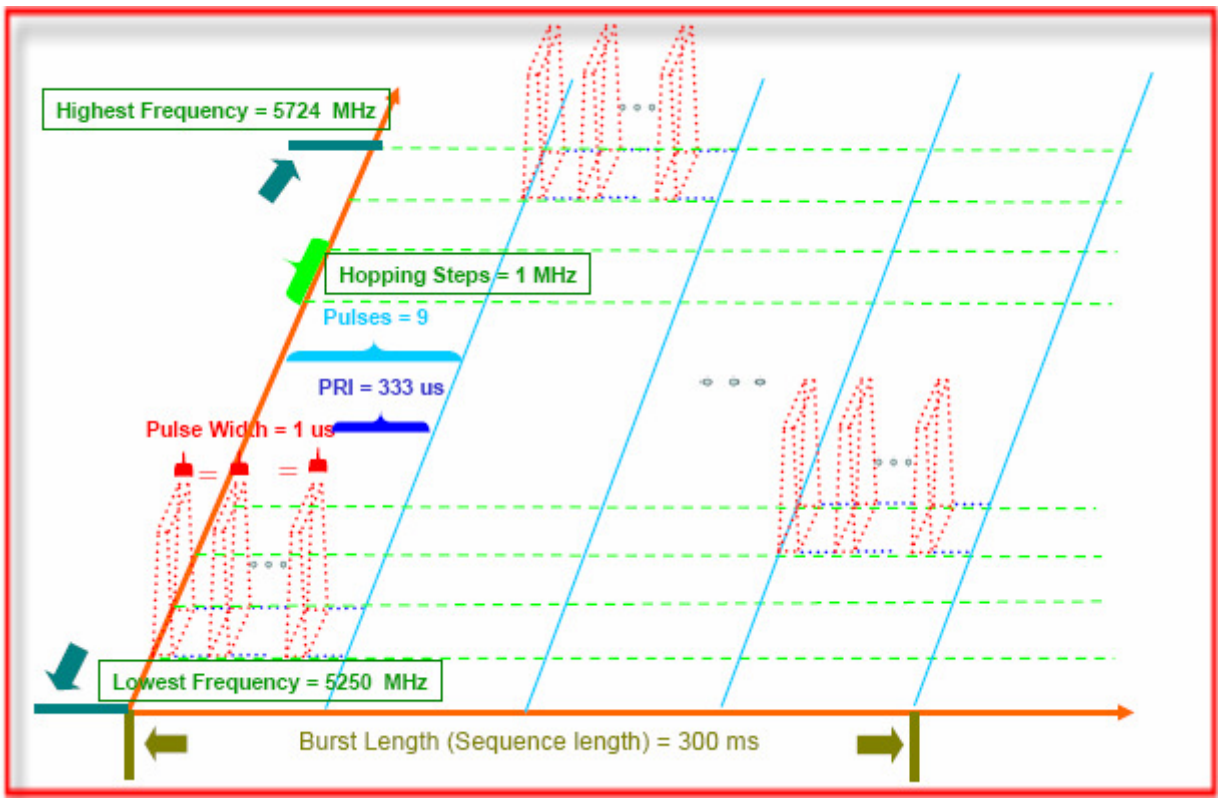


2.6 Frequency Hopping Radar Test Waveform

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

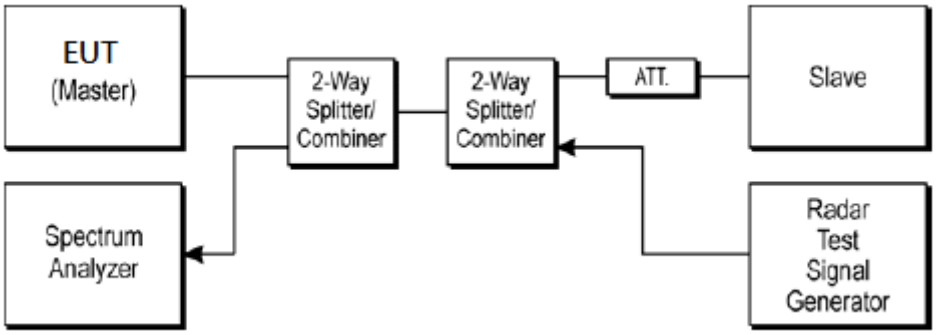
3.1.1 Radar Waveform Calibration Procedure

The Interference Radar Detection Threshold Level was (-64) + (3.45) [dBi] + 1dB = -59.55 dBm that had been taken into account the output power and antenna gain for conducted measurement.

The following equipment setup was used to calibrate the radiated Radar Waveform. A vector signal generator was utilized to establish the test signal level for radar type 0~6.

1. During this process there were no transmissions by either the Master or Client Device.
2. The spectrum analyzer was switched to the zero span (Time Domain) at the frequency of the Radar Waveform generator. Peak detection was used.
3. 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 worse level **-64dBm**. (stringent than -59.55dBm)
4. Capture the spectrum analyzer plots on radar waveform.

3.1.2 Conducted Calibration Setup

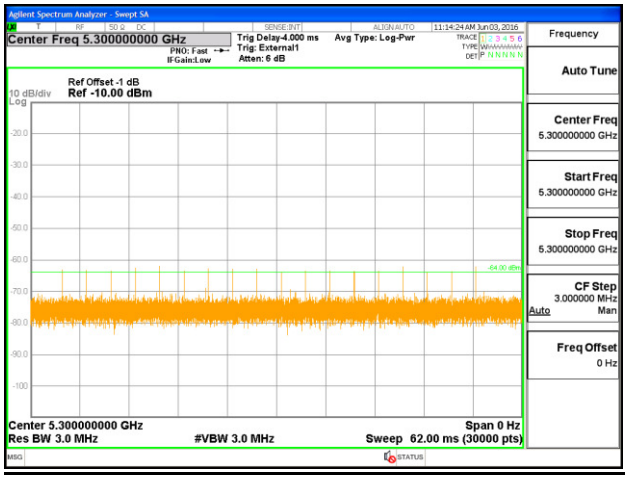
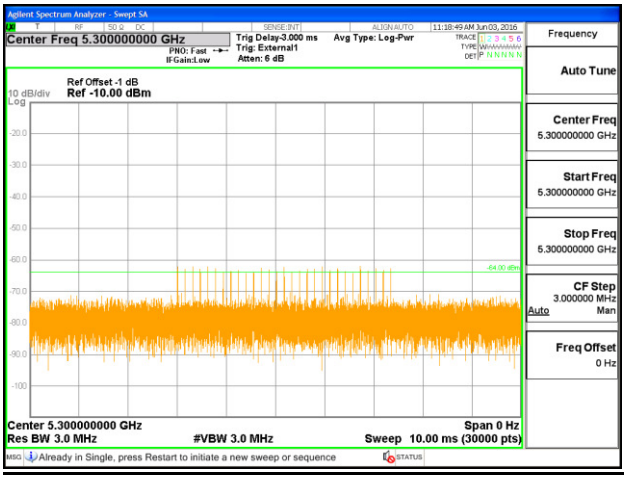


3.1.3 Calibration Deviation

There is no deviation with the original standard.

3.1.4 Radar Waveform Calibration Result

<20MHz / 5300MHz>

Radar Type 1	Radar Type 2
	
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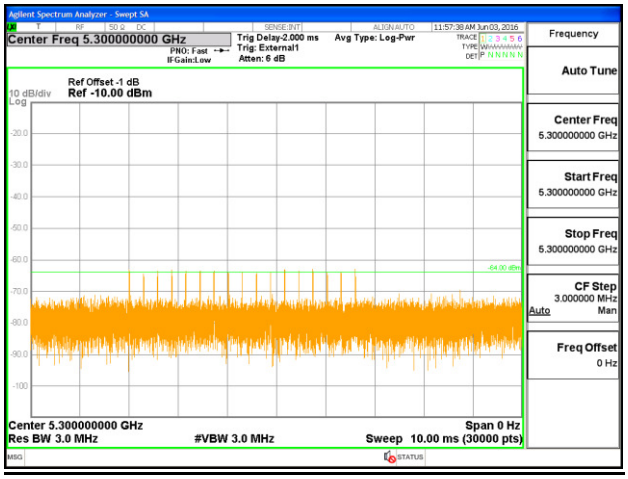
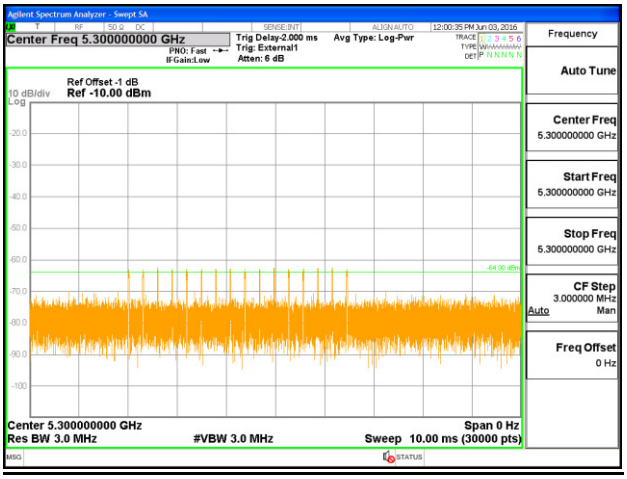
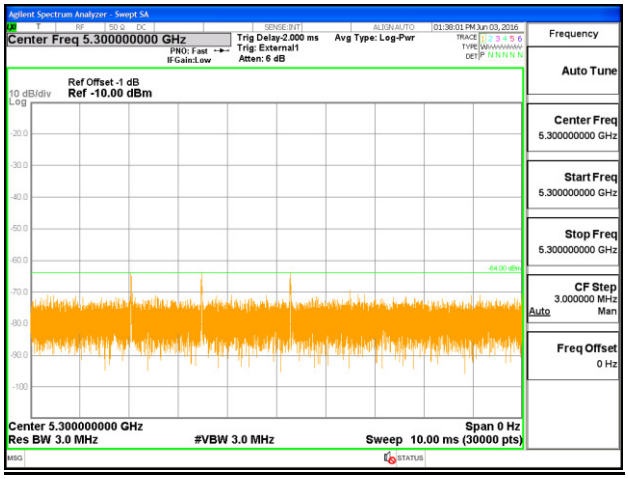
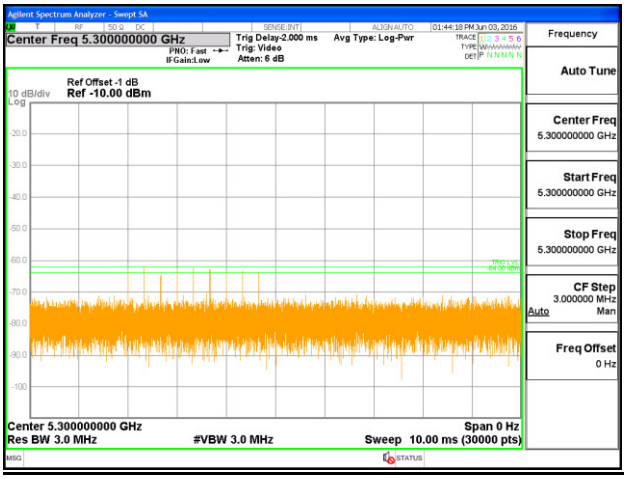
	
Single Burst of Radar Type 5	**Single Burst of Radar Type 6**
	

<40MHz / 5310MHz>

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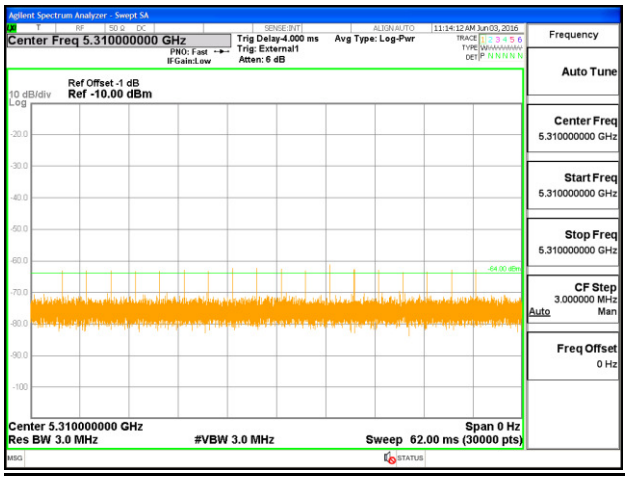	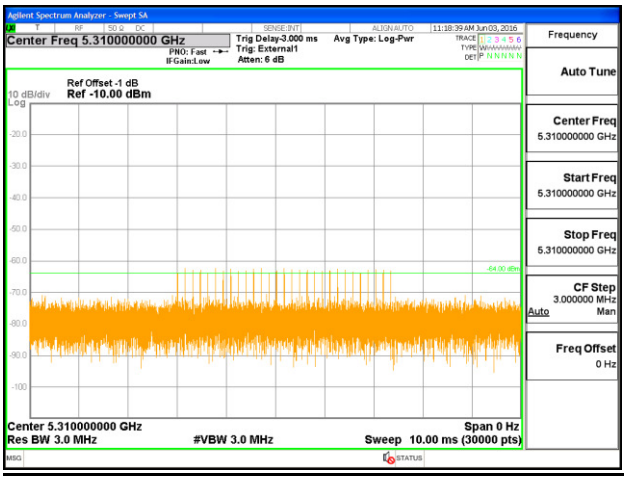
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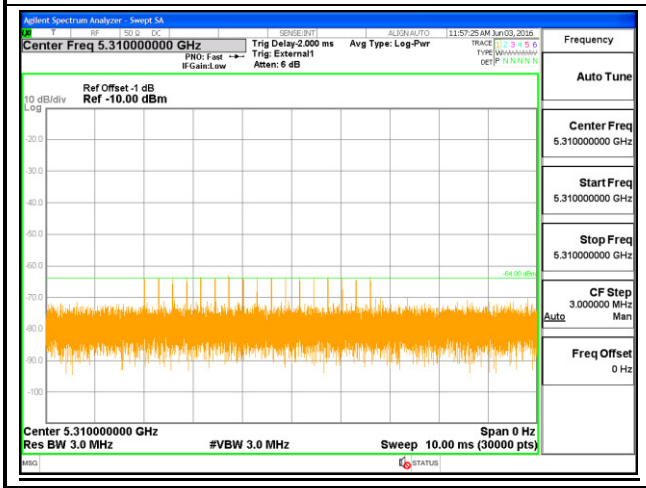
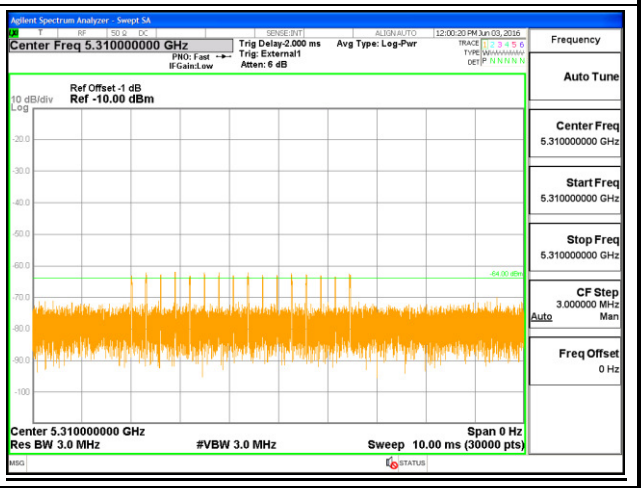
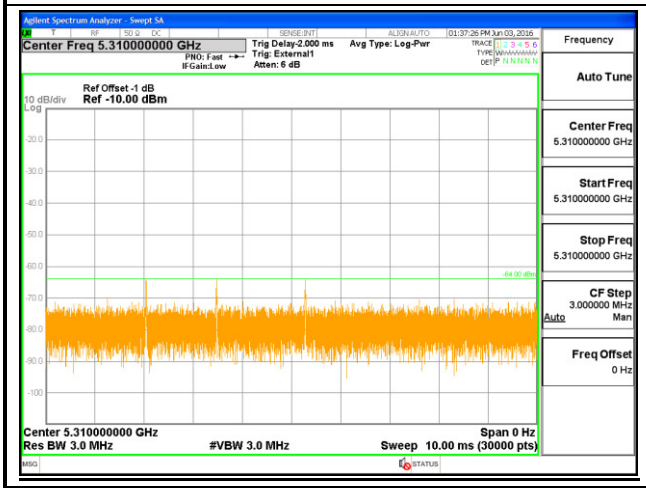
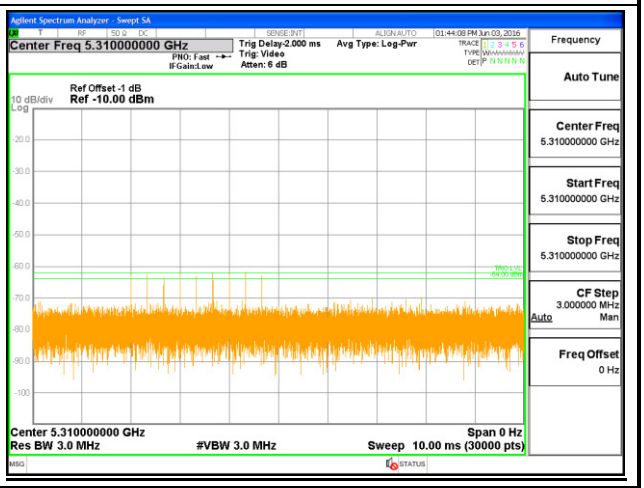
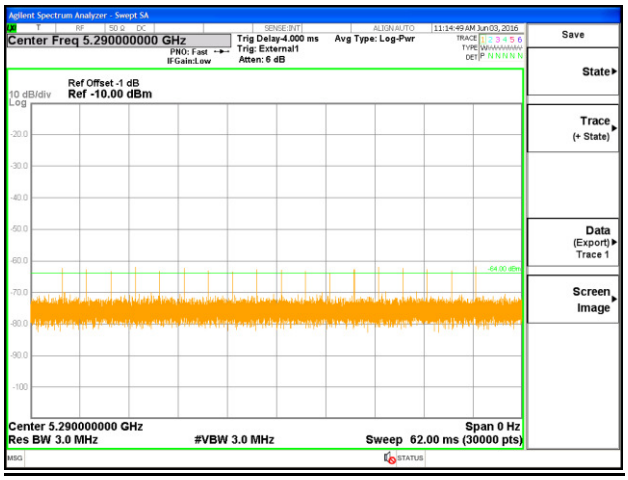
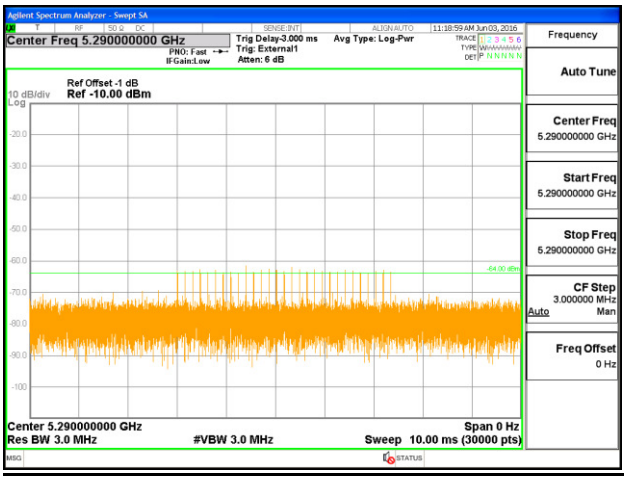
	
Single Burst of Radar Type 5	**Single Burst of Radar Type 6**
	

<80MHz / 5290MHz>

Radar Type 1	Radar Type 2
	
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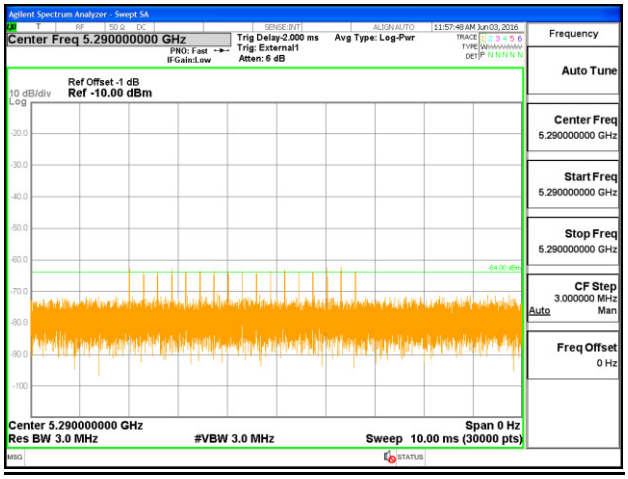
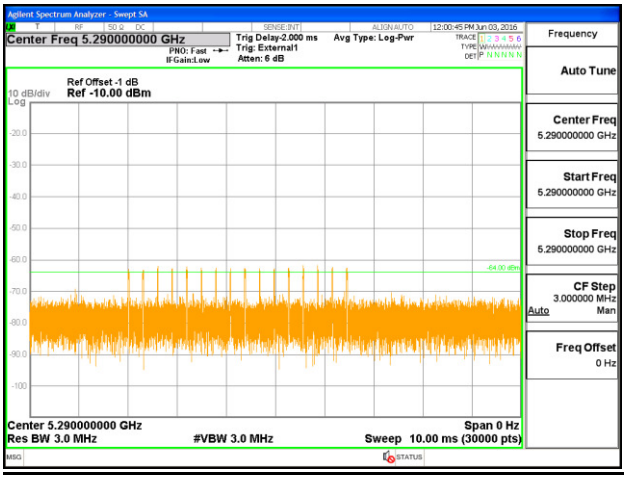
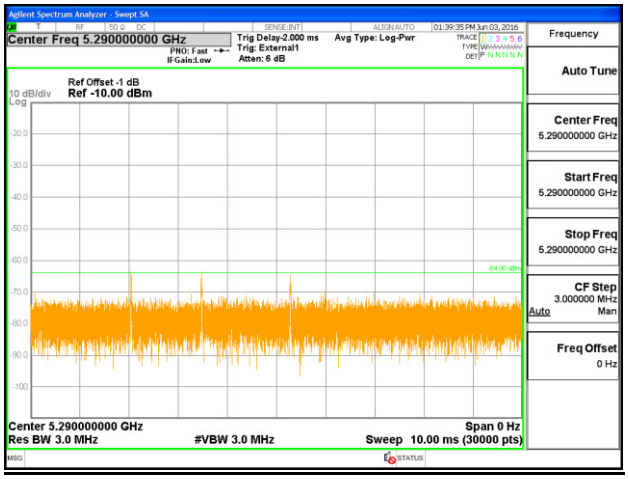
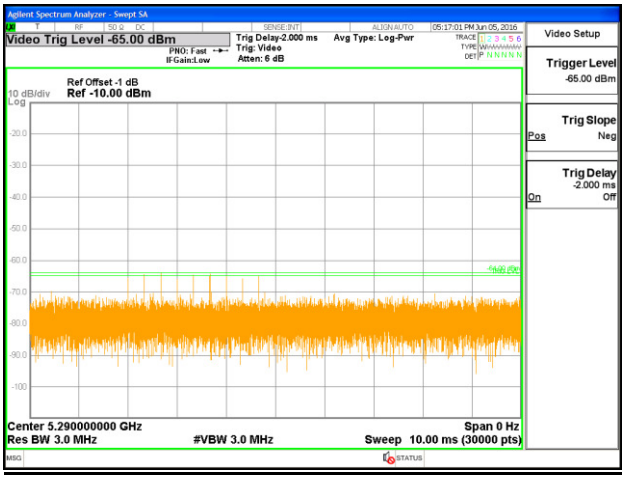
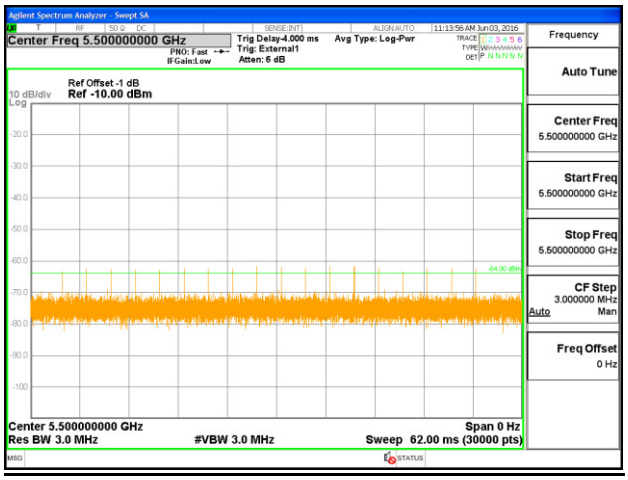
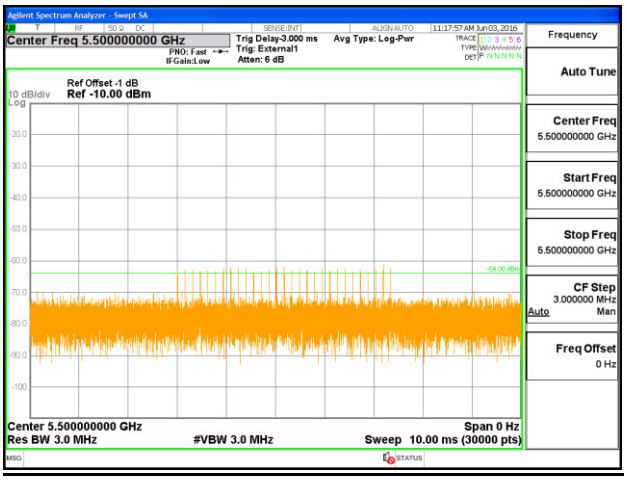
	
Single Burst of Radar Type 5	**Single Burst of Radar Type 6**
	

<20MHz / 5500MHz>

Radar Type 1	Radar Type 2
	
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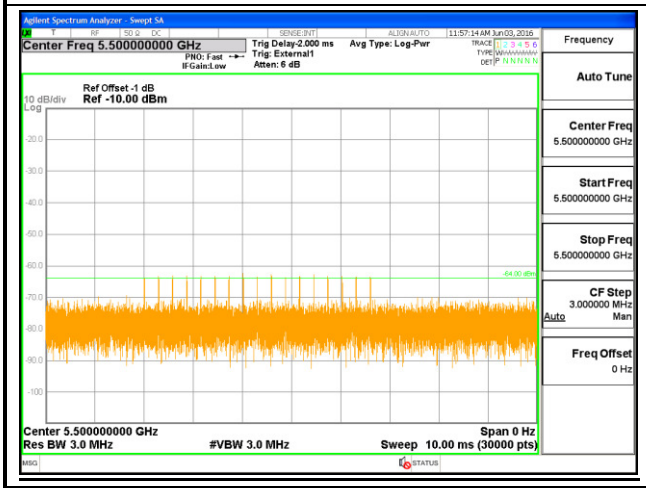
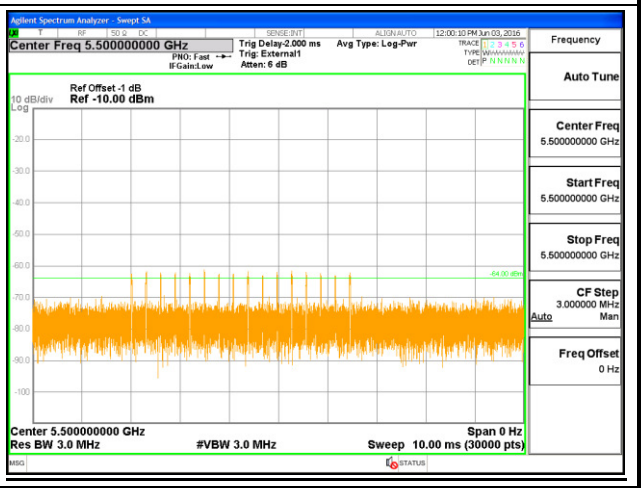
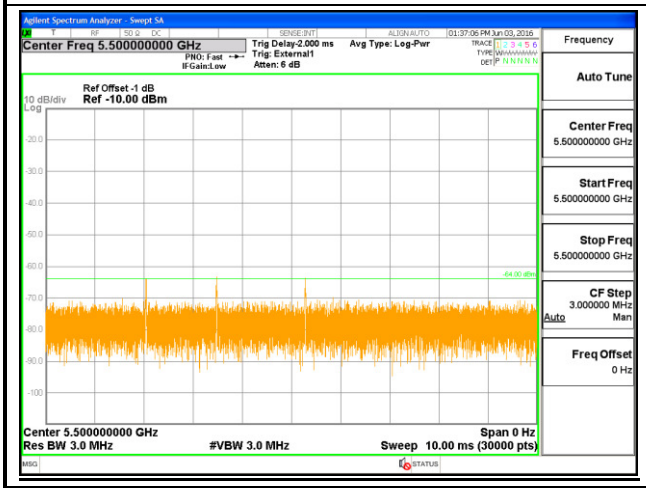
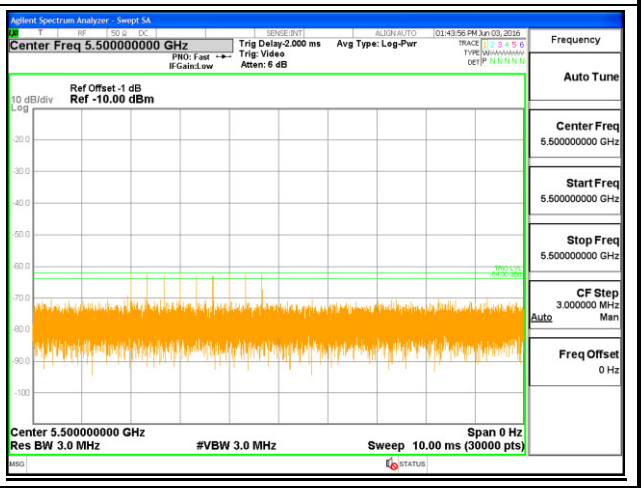
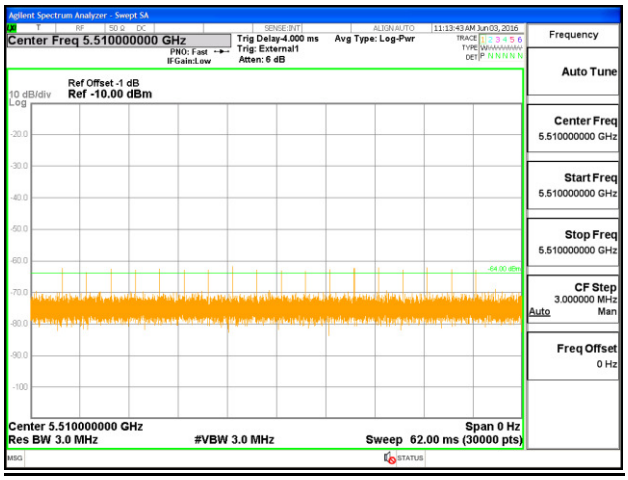
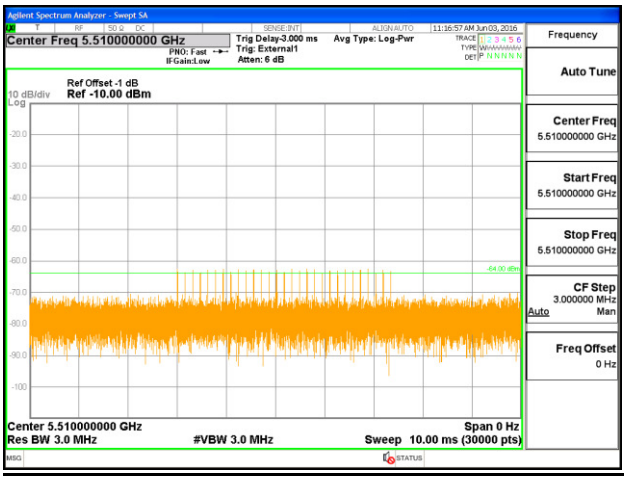
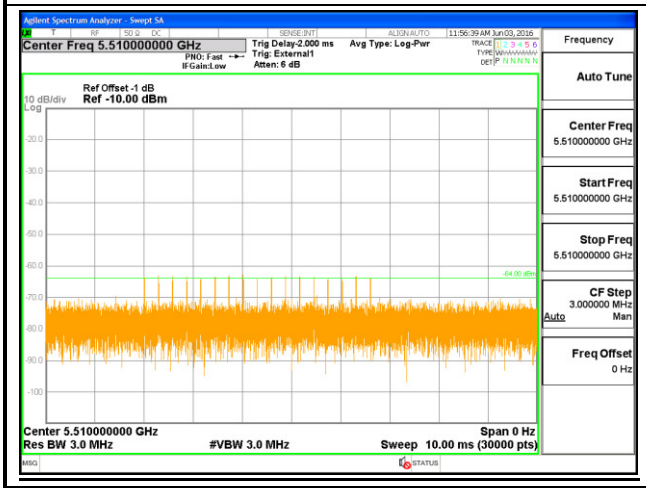
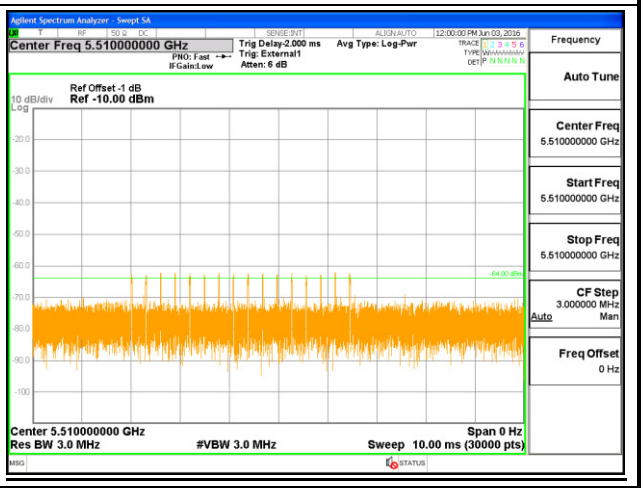
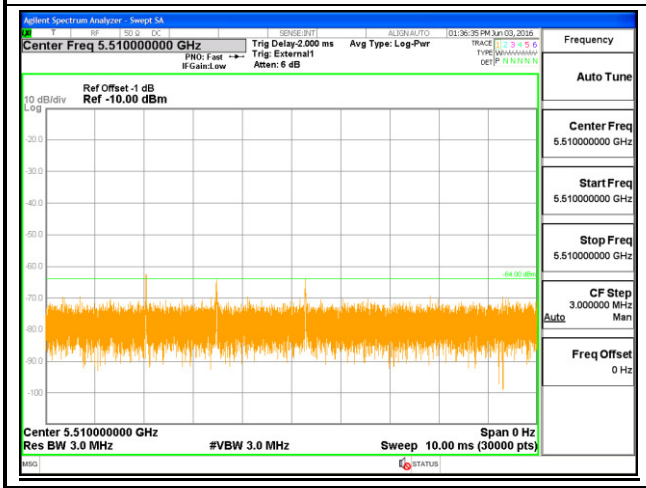
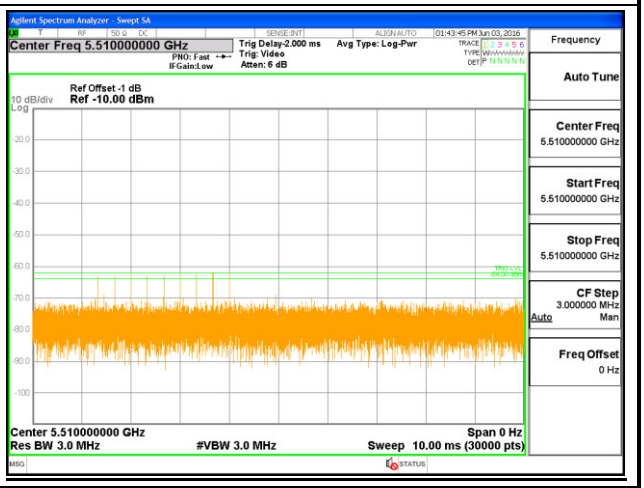
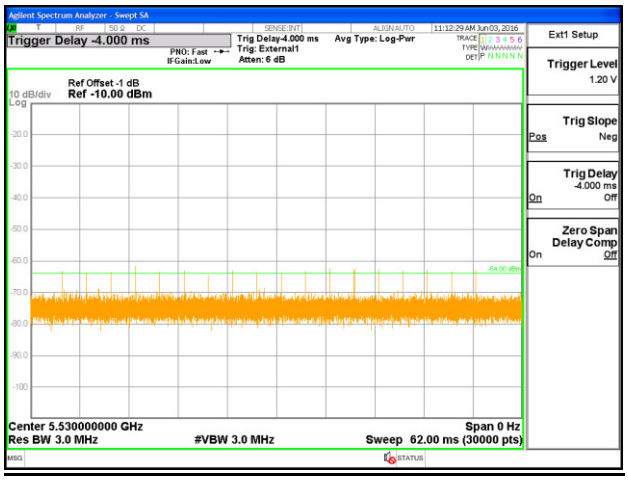
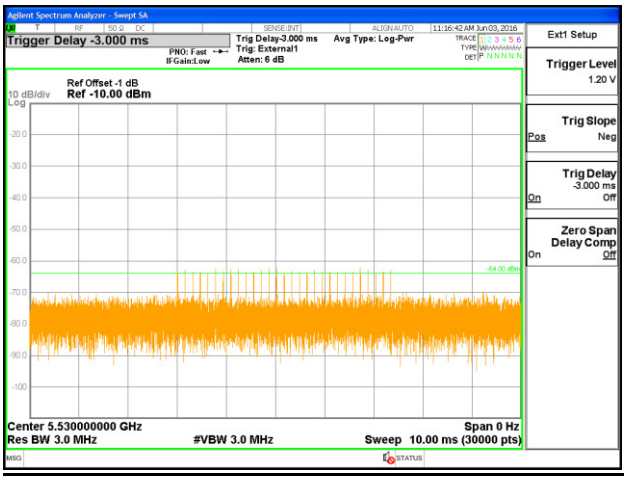
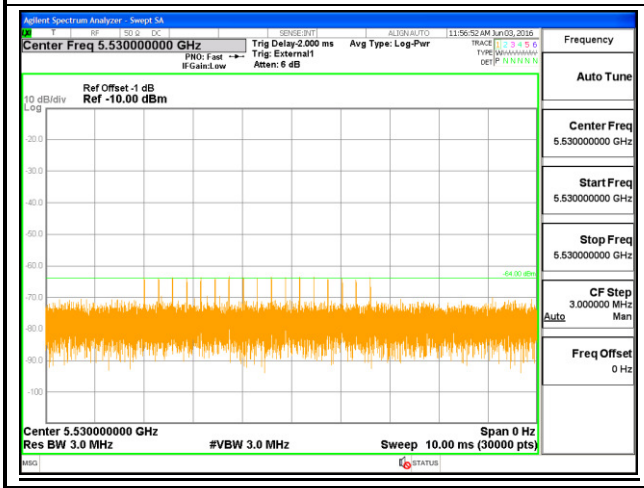
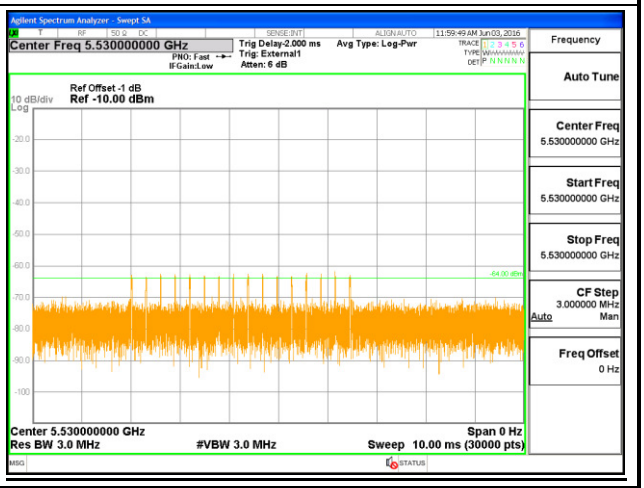
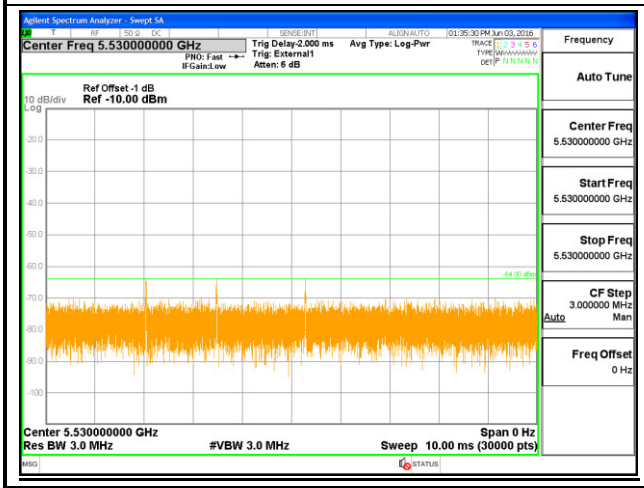
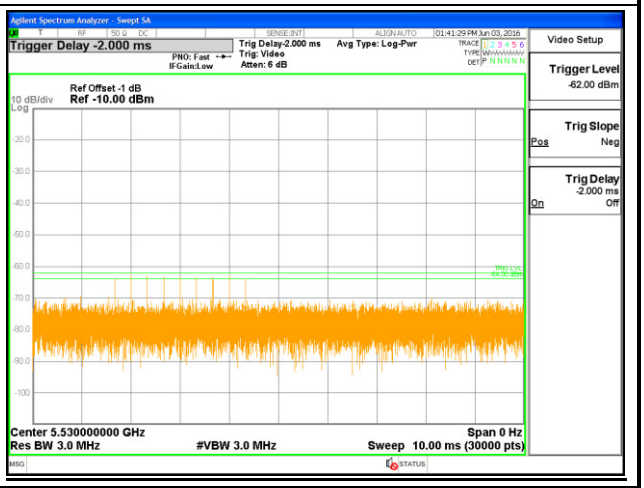
	
Single Burst of Radar Type 5	**Single Burst of Radar Type 6**
	

<40MHz / 5510MHz>

Radar Type 1	Radar Type 2
	
Radar Type 3	**Radar Type 4**
	
Single Burst of Radar Type 5	**Single Burst of Radar Type 6**
	

<80MHz / 5530MHz>

Radar Type 1	Radar Type 2
	
Radar Type 3	**Radar Type 4**
	
Single Burst of Radar Type 5	**Single Burst of Radar Type 6**
	

3.2 U-NII Detection Bandwidth (7.8.1)

3.2.1 Limit of U-NII Detection Bandwidth

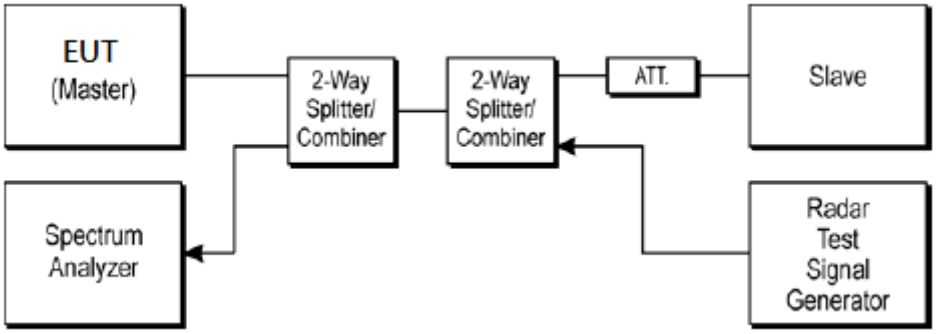
The U-NII Detection Bandwidth shall contain minimum 100% of the 99% power bandwidth.

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

3.2.2 Test Procedures

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

3.2.3 Test Setup



3.2.4 Test Deviation

There is no deviation with the original standard.

3.2.5 Result of U-NII Detection Bandwidth

<20MHz / 5300MHz>

Frequency (MHz)	Fc	Trial Number (Detection = Y, No Detection = N)										Rate (%)	F_H/F_L
		1	2	3	4	5	6	7	8	9	10		
5289	-11	N	N	N	N	N	N	N	N	N	N	0	
5290	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	**F_L**
5291	-9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5292	-8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5293	-7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5294	-6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5295	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5300	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5305	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5306	+6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5307	+7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5308	+8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5309	+9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5310	+10	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90	**F_H**
5311	+11	N	N	N	N	N	N	N	N	N	N	0	

Detection Bandwidth = $F_H - F_L$ = **5310** – **5290** = **20** MHz

EUT 99% Bandwidth = **17.703** MHz (Refer to channel 60)

<40MHz / 5310MHz>

Frequency (MHz)	Fc	Trial Number (Detection = V, No Detection = N)										Rate (%)	F_H/F_L
		1	2	3	4	5	6	7	8	9	10		
5289	-21	N	N	N	N	N	N	N	N	N	N	0	
5290	-20	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	90	F_L
5291	-19	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5292	-18	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5293	-17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5294	-16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5295	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5300	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5305	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5310	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5315	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5320	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5325	+15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5326	+16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5327	+17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5328	+18	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5329	+19	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5330	+20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	F_H
5331	+21	N	N	N	N	N	N	N	N	N	N	0	

Detection Bandwidth = $F_H - F_L$ = **5330** – **5290** = **40** MHz

EUT 99% Bandwidth = **36.567** MHz (Refer to channel 62)

<80MHz / 5290MHz>

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

Detection Bandwidth = $F_H - F_L$ = **5330** – **5250** = **80** MHz

EUT 99% Bandwidth = **75.716** MHz (Refer to channel 58)

<20MHz / 5500MHz>

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

Detection Bandwidth = $F_H - F_L$ = **5510** – **5490** = **20** MHz

EUT 99% Bandwidth = **18.33** MHz (Refer to channel 100)

<40MHz / 5510MHz>

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

Detection Bandwidth = $F_H - F_L$ = **5530** – **5490** = **40** MHz

EUT 99% Bandwidth = **36.542** MHz (Refer to channel 102)

<80MHz / 5290MHz>

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

Detection Bandwidth = $F_H - F_L$ = **5570** – **5490** = **80** MHz

EUT 99% Bandwidth = **75.038** MHz (Refer to channel 106)

3.3 Channel Availability Check (7.8.2)

Manufacturer declares that the device supports zero-wait channel switch function to the next DFS channel: Channel availability check 1 minute long has already been checked by the continuous scanning sniffer chain on the next DFS channel before the radar signal is detected.

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

3.2.2.1 Initial Channel Availability Check Time

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

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

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

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

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

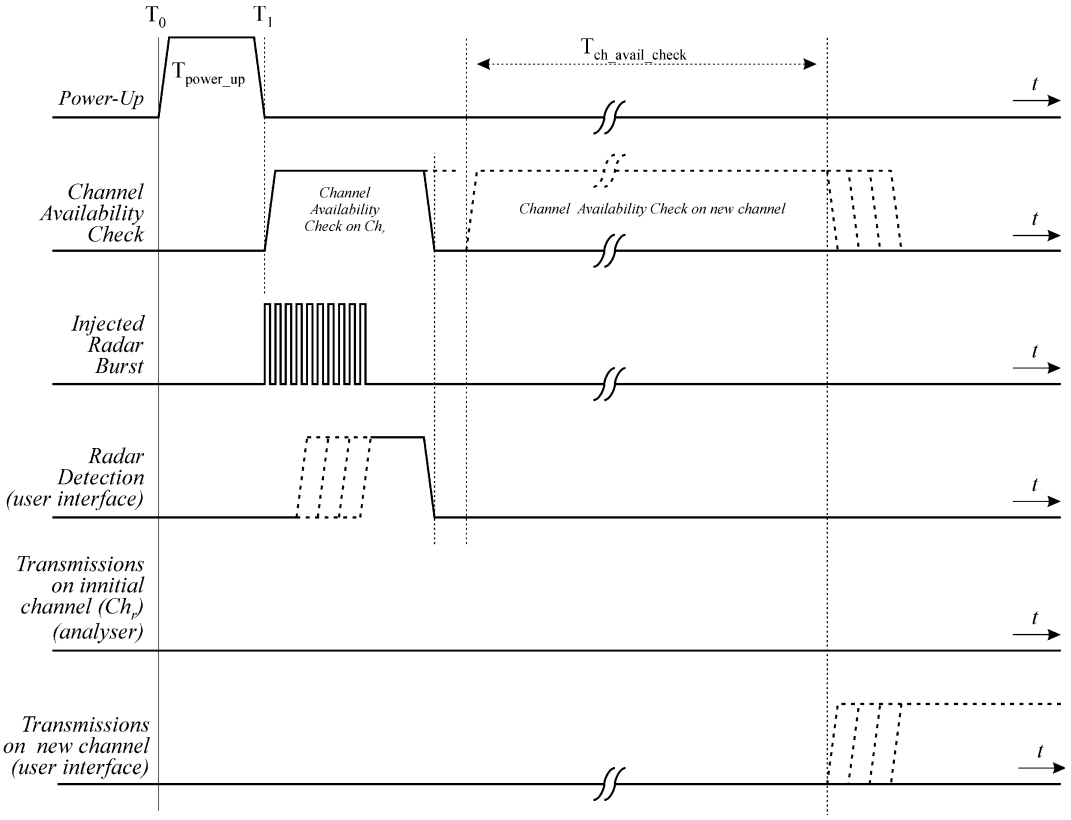


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time

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

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

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

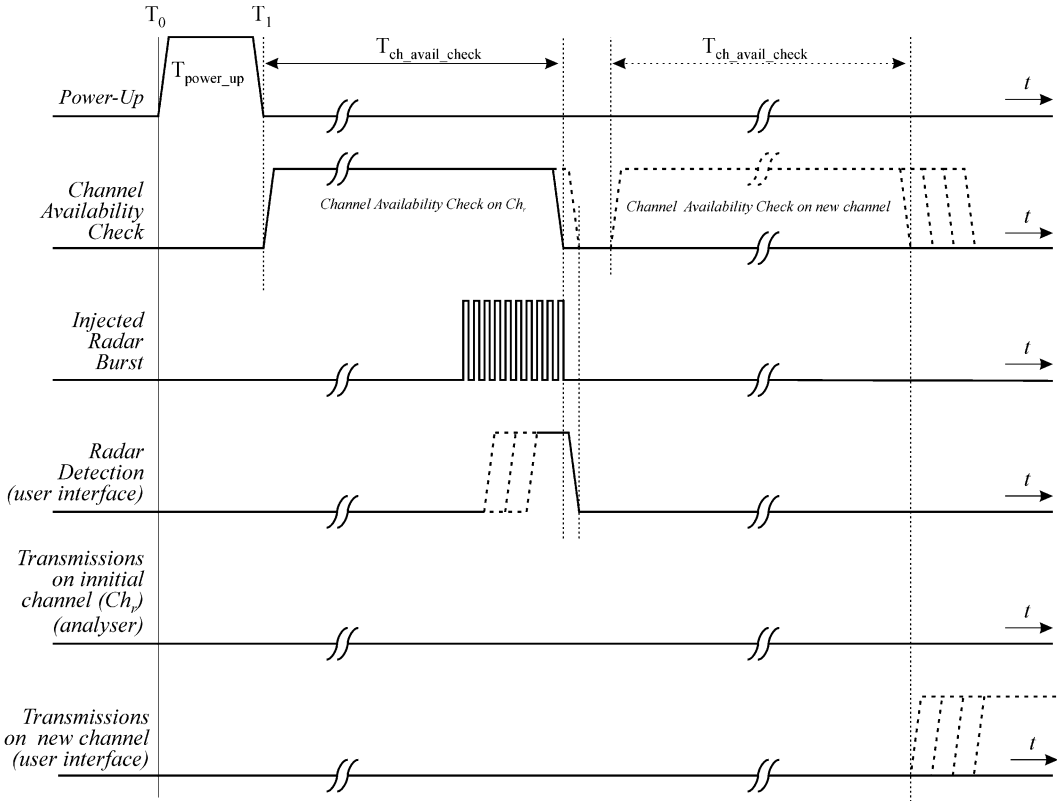
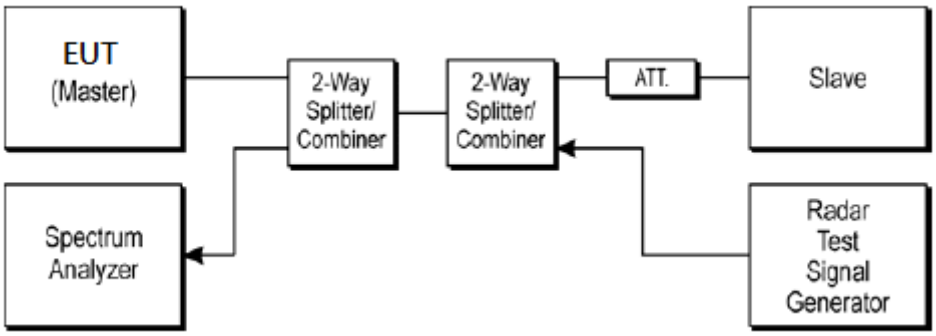


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time

3.3.3 Test Setup



3.3.4 Test Deviation

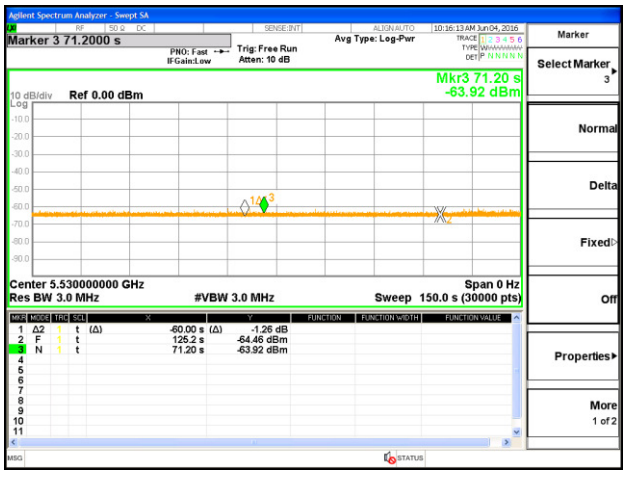
There is no deviation with the original standard.

3.3.5 Result of Channel Availability Check Time

<80MHz / 5290MHz>

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

<80MHz / 55310MHz>

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

3.4 In-Service Monitoring: Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period (7.8.3)

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.

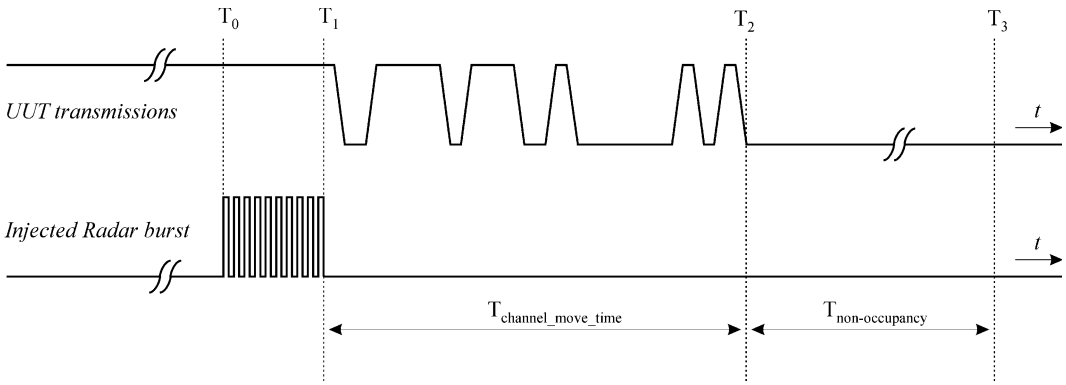
(3) The UDP protocol unicast data stream was generated by the iperf software command line with at least 17% activity ratio over any 100ms period.

(4) Timing plots are reported with calculations demonstrating a minimum channel loading of approximately 17% or greater. For example, channel loading can be estimated by setting the spectrum analyzer for zero span and approximate the Time On/ (Time On + Off Time).

(5) At time T0 the Radar Waveform generator sends a Burst of pulses for one of the Short Pulse Radar Types 1-4 at DFS Detection Threshold levels on the Operating Channel. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.

(6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds. Measure and record the transmissions from the EUT during the observation time (Channel Move Time). Measure and record the Channel Move Time and Channel Closing Transmission Time if radar detection occurs.

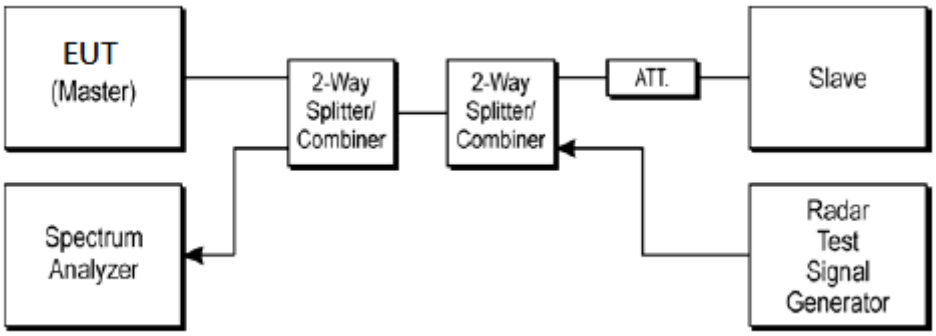
(7) When operating as a Master Device, monitor the EUT for more than 30 minutes following instant T2 to verify that the EUT does not resume any transmissions on this Channel. Perform this test once and record the measurement result.



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

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

3.4.3 Test Setup



3.4.4 Test Deviation

There is no deviation with the original standard.

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

Test Mode :	Client without radar detection	Temperature :	24.3-25.2℃
Test Engineer :	Jeremy Lin	Relative Humidity :	44-47%

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
80MHz / 5290 MHz	Channel Move Time	0.5877 s	＜ 10s	Pass
	Channel Closing Transmission Time	200ms + 3.6 ms	＜ 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass
80MHz / 5530 MHz	Channel Move Time	0.6001 s	＜ 10s	Pass
	Channel Closing Transmission Time	200ms + 2.4 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

<80MHz / 5290 MHz> In-Service Monitoring
Channel Move Time & **Channel Closing Transmission Time**
Non-Occupancy Period
Note: Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000) Channel Closing Transmission Time (200 +3.6 ms) = 200 + Number (9) X Dwell (0.4 ms) < 260ms

<80MHz / 5530 MHz> In-Service Monitoring

Channel Move Time &

Channel Closing Transmission Time

Non-Occupancy Period

Note:

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

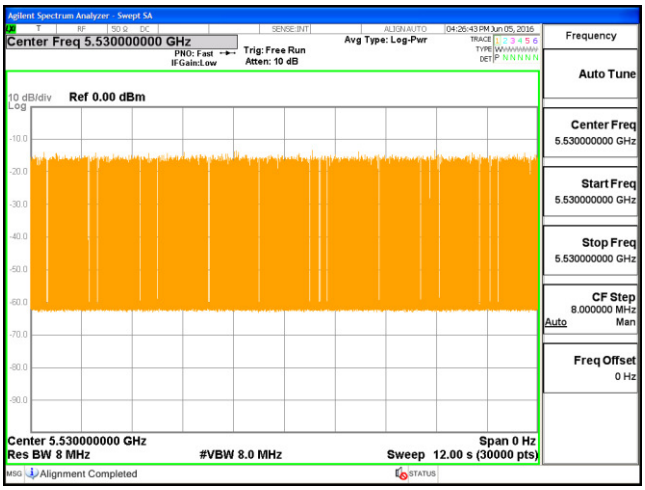
Channel Closing Transmission Time (200 + 3.2ms) = 200 + Number (8) X Dwell (0.4 ms) < 260ms

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

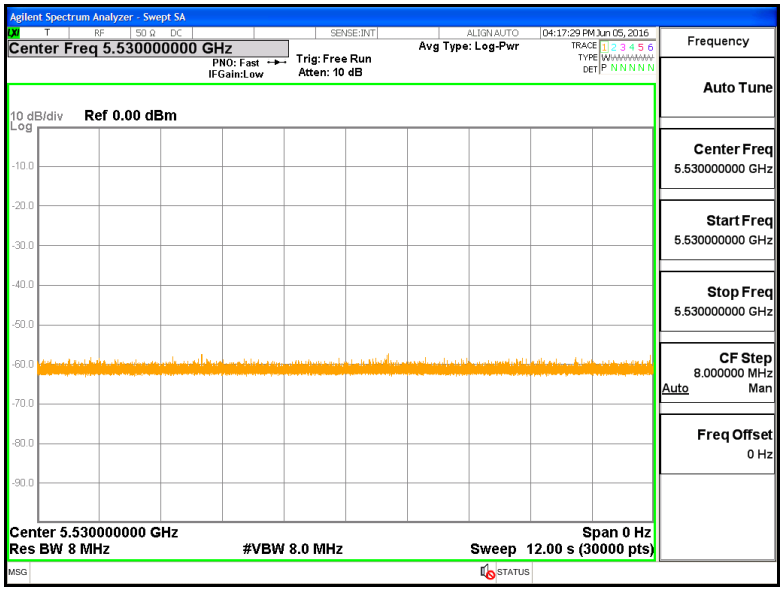
<80MHz / 5290 MHz> Radar Type 5
Channel Move Time

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

3.4.8 Data Traffic Channel Loading and Noise Floor Plots

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

Noise Floor (No transmission)



3.5 Statistical Performance Check (7.8.4)

3.5.1 Limit of Statistical Performance Check

Short Pulse Radar Test

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

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

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

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

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

Table 5 – Short Pulse Radar Test Waveforms

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

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

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

Long Pulse Radar Test

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

Table 6 – Long Pulse Radar Test Waveform

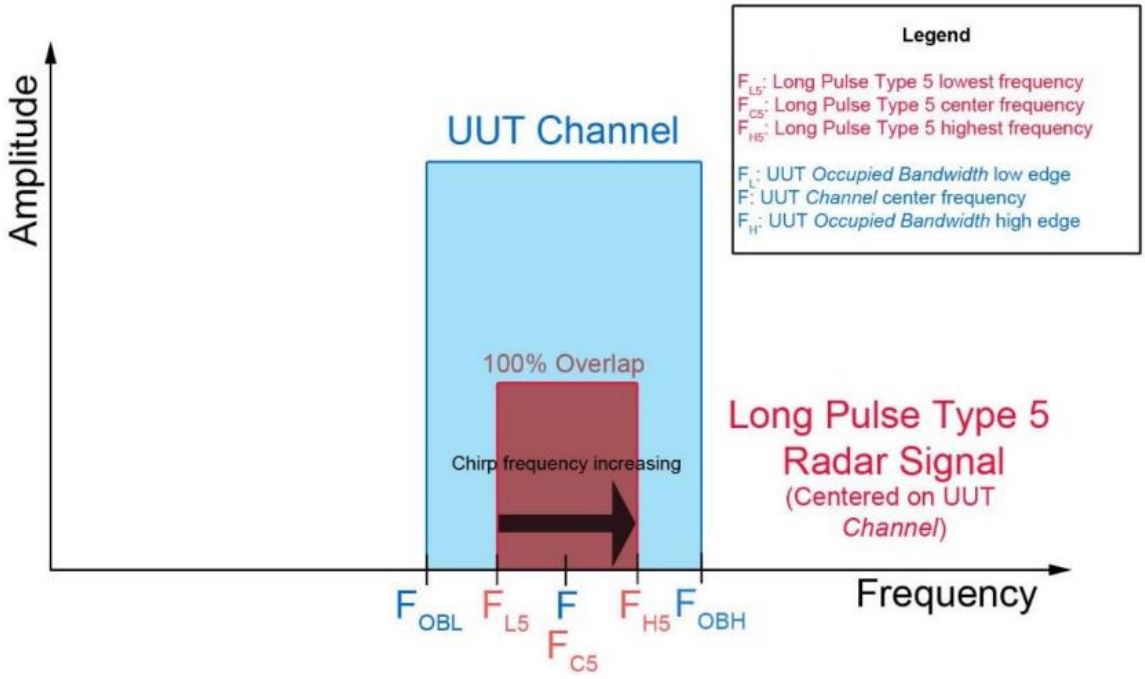
Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per *Burst*	Number of *Bursts*	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

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

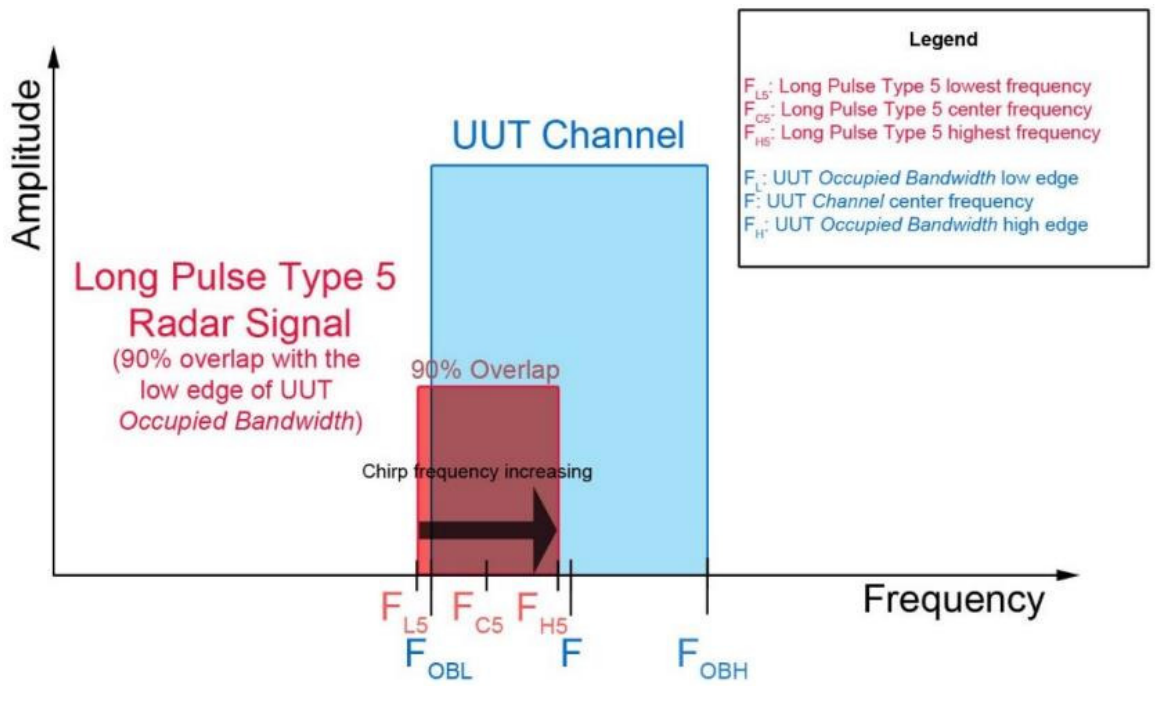
Three subsets of trials will be performed with a minimum of ten trials per subset.
The subset of trials differs in where the Long Pulse Type 5 Signal is tuned in frequency:
a) The Channel center frequency (subset case 1).
b) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation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

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

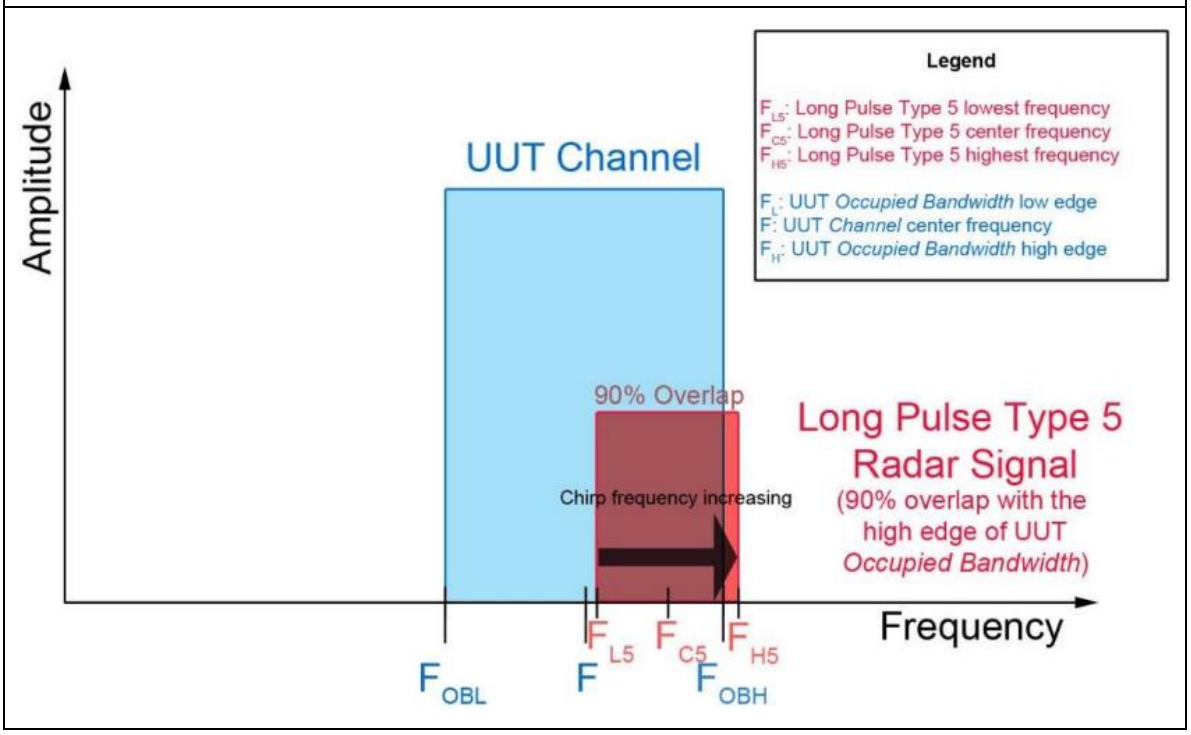
a) Channel center frequency (subset case 1)



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



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



The percentage of successful detection is calculated by:

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

Frequency Hopping Radar Test

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

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

Table 7 – Frequency Hopping Radar Test Waveform

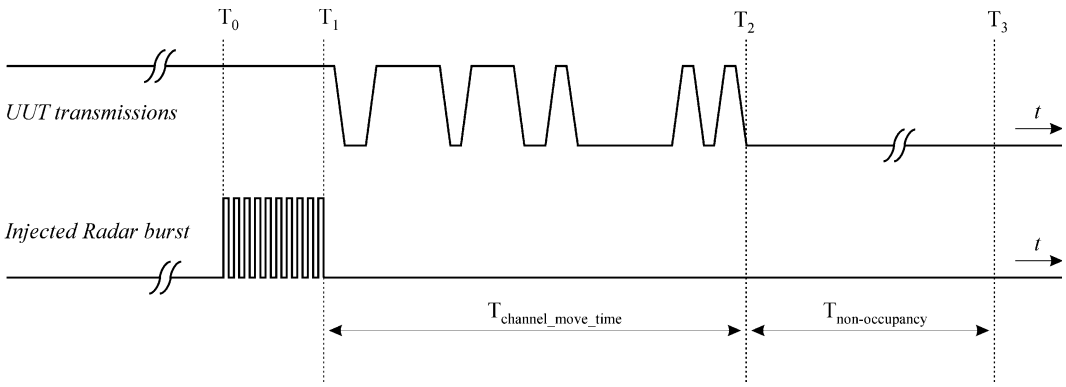
Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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

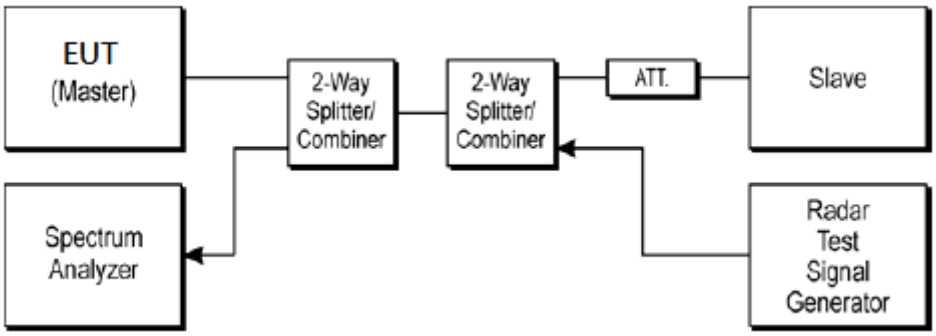
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues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

3.5.2 Test Procedures

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



3.5.3 Test Setup



3.5.4 Test Deviation

There is no deviation with the original standard.

3.5.5 Result of Statistical Performance Check

<20MHz / 5300MHz>

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	Y	N	Y	Y	Y	Y
2	Y	Y	Y	N	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	N	Y	Y	Y	Y
7	Y	Y	N	Y	Y	Y
8	Y	Y	Y	N	Y	Y
9	Y	Y	Y	N	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y
12	Y	N	Y	Y	Y	Y
13	N	N	Y	N	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	N	Y	Y	Y
16	Y	Y	Y	N	Y	Y
17	Y	Y	Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	Y	Y	N	Y	Y	Y
22	Y	Y	Y	Y	Y	Y
23	N	Y	Y	N	Y	Y
24	N	Y	Y	Y	Y	Y
25	Y	N	Y	N	Y	Y
26	Y	Y	Y	Y	Y	Y
27	Y	Y	N	N	Y	Y
28	Y	Y	Y	Y	Y	Y
29	Y	N	Y	Y	Y	Y
30	Y	Y	Y	N	Y	Y
Trial of Detection	**27/30**	**24/30**	**26/30**	**21/30**	**30/30**	**29/30**
Probability (%)	**90%**	**80%**	**86.67%**	**70%**	**100%**	**96.67%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**81.67%** (>=80%)			

<40MHz / 5310MHz>

(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**	**N**	**Y**	**N**	**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**	**N**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
19	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
23	**Y**	**N**	**N**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
Trial of Detection	**30/30**	**25/30**	**26/30**	**24/30**	**30/30**	**30/30**
Probability (%)	**100%**	**83.33%**	**86.67%**	**80%**	**100%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**87.5%** (>=80%)			

<80MHz / 5290MHz>

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
2	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
3	**N**	**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**	**N**	**N**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**N**
13	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
17	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**N**	**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**	**Y**	**Y**	**Y**	**N**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**29/30**	**25/30**	**27/30**	**28/30**	**30/30**	**28/30**
Probability (%)	**96.67%**	**83.33%**	**90%**	**93.33%**	**100%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**90.83%** (>=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	N	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	N	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	N	Y
18	Y	N	Y	Y	N	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y
23	Y	Y	Y	Y	Y	Y
24	Y	N	Y	N	Y	Y
25	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	N	Y	Y
27	Y	Y	Y	Y	Y	Y
28	Y	N	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	N	Y	Y	Y	Y
Trial of Detection	**30/30**	**24/30**	**30/30**	**27/30**	**28/30**	**30/30**
Probability (%)	**100%**	**80%**	**100%**	**90%**	**93.33%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**92.5%** (>=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**	**N**	**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**	**N**	**Y**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**N**	**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**	**N**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
20	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**N**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
30	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**29/30**	**25/30**	**23/30**	**30/30**	**29/30**
Probability (%)	**100%**	**96.67%**	**83.33%**	**76.67%**	**100%**	**96.67%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**89.17%** (>=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	N	Y	N	Y	Y
3	Y	N	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	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	Y	Y	Y
12	Y	Y	Y	N	Y	Y
13	Y	Y	N	Y	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	N	Y	Y	Y
16	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	Y	Y
18	Y	N	Y	N	N	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	N	Y	Y
23	Y	Y	Y	Y	Y	Y
24	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y
27	Y	Y	N	Y	Y	Y
28	Y	Y	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	**30/30**	**26/30**	**27/30**	**25/30**	**29/30**	**28/30**
Probability (%)	**100%**	**86.67%**	**90%**	**83.33%**	**96.67%**	**93.33%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**90%** (>=80%)			

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Horn Antenna	COM-POWER	AH-118	071025	1GHz ~ 18GHz	Aug. 03, 2015	Jun. 03, 2016 ~ Jun. 12, 2016	Aug. 02, 2016	DFS (DFS02-HY)
Horn Antenna	COM-POWER	AH-118	701023	1GHz ~ 18GHz	Jan. 08, 2016	Jun. 03, 2016 ~ Jun. 12, 2016	Jan. 07, 2017	DFS (DFS02-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 21, 2016	Jun. 03, 2016 ~ Jun. 12, 2016	Mar. 20, 2017	DFS (DFS02-HY)
Signal Generator	Agilent	E4438C	MY49070755	250KHz ~ 6GHz	Oct. 01, 2015	Jun. 03, 2016 ~ Jun. 12, 2016	Sep. 30, 2016	DFS (DFS02-HY)

Appendix A. 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	3	1792.11	558	Yes
2	1	1930.50	518	Yes
3	21	1089.32	918	Yes
4	19	1138.95	878	Yes
5	22	1066.10	938	Yes
6	12	1355.01	738	Yes
7	14	1285.35	778	Yes
8	7	1567.40	638	Yes
9	20	1113.59	898	Yes
10	17	1193.32	838	Yes
11	18	1165.50	858	Yes
12	15	1253.13	798	Yes
13	9	1474.93	678	No
14	12	326.16	3066	Yes
15	5	1672.24	598	Yes
16		342.35	2921	Yes
17		512.82	1950	Yes
18		938.09	1066	Yes
19		373.27	2679	Yes
20		560.85	1783	Yes
21		695.89	1437	Yes
22		1090.51	917	Yes
23		851.06	1175	No
24		618.81	1616	No
25		388.80	2572	Yes
26		941.62	1062	Yes
27		573.07	1745	Yes
28		499.75	2001	Yes
29		1373.63	728	Yes
30		882.61	1133	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	24	1.00	157	No
2	23	1.50	163	Yes
3	29	3.70	163	Yes
4	24	1.70	171	Yes
5	29	5.00	215	Yes
6	26	1.90	182	No
7	25	3.70	179	Yes
8	29	3.60	224	Yes
9	24	3.40	161	Yes
10	27	1.90	164	Yes
11	28	2.50	219	Yes
12	26	3.90	151	No
13	27	4.70	167	No
14	26	4.50	220	Yes
15	26	2.90	168	Yes
16	28	3.10	208	Yes
17	23	2.50	195	Yes
18	27	1.90	224	Yes
19	25	4.40	175	Yes
20	29	2.80	184	Yes
21	25	2.20	223	Yes
22	26	2.40	152	Yes
23	25	1.90	163	Yes
24	26	1.50	158	Yes
25	25	3.20	217	No
26	29	1.50	171	Yes
27	25	1.80	219	Yes
28	25	3.60	201	Yes
29	25	1.60	156	No
30	29	4.80	165	Yes

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	7.00	344	Yes
2	17	9.60	398	Yes
3	16	7.80	448	Yes
4	18	6.50	268	Yes
5	16	8.80	427	Yes
6	18	6.30	294	Yes
7	16	7.30	306	No
8	16	6.40	326	Yes
9	17	8.30	292	Yes
10	17	6.30	421	Yes
11	16	6.00	477	Yes
12	17	7.30	306	Yes
13	16	8.50	266	Yes
14	16	7.90	278	Yes
15	16	7.70	459	No
16	18	9.70	264	Yes
17	17	8.30	471	Yes
18	17	10.00	309	Yes
19	17	8.20	397	Yes
20	18	9.40	364	Yes
21	17	8.40	372	No
22	18	6.60	339	Yes
23	18	7.80	489	Yes
24	18	6.80	262	Yes
25	18	7.10	383	Yes
26	16	8.30	299	Yes
27	17	6.90	325	No
28	16	7.70	368	Yes
29	18	6.40	397	Yes
30	17	8.30	439	Yes

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	16	14.80	312	Yes
2	13	12.20	414	No
3	13	14.90	325	Yes
4	14	11.30	496	Yes
5	12	16.60	429	Yes
6	16	18.70	490	Yes
7	16	11.10	487	Yes
8	13	19.50	496	No
9	16	18.60	425	No
10	15	11.10	295	Yes
11	13	15.10	422	Yes
12	12	16.00	470	Yes
13	12	18.10	258	No
14	13	19.40	377	Yes
15	15	16.90	366	Yes
16	14	16.10	477	No
17	12	19.70	433	Yes
18	14	16.50	397	Yes
19	14	20.00	277	Yes
20	12	12.80	288	Yes
21	15	14.80	348	Yes
22	12	19.30	455	Yes
23	16	15.70	304	No
24	14	15.50	487	Yes
25	12	15.20	472	No
26	15	17.10	383	Yes
27	14	13.90	342	No
28	15	15.40	428	Yes
29	12	16.40	293	Yes
30	12	15.40	467	No

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	81.5	15	1423	-	651434
2	1	56.6	15	-	-	86064
3	1	59.4	15	-	-	267778
4	3	90.4	15	1946	1582	447216
5	1	51.5	15	-	-	630981
6	3	87.5	15	1885	1828	63426
7	3	91.4	15	1994	1272	244072
8	1	62.7	15	-	-	426552
9	1	66.4	15	-	-	608510
10	1	52.9	15	-	-	41356
11	3	84.8	15	1045	1988	221885
12	2	77	15	1280	-	403628
13	2	70.4	15	1827	-	584620
14	2	69.9	15	1202	-	18967
15	3	96.9	15	1688	1641	199642
16	1	62.8	15	-	-	382188
17						
18						
19						
20						

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.7	7	1858	-	1001645
2	3	96.9	7	1796	1223	1322562
3	3	94.8	7	1208	1618	316248
4	3	93.6	7	1043	2000	638807
5	3	96	7	1492	1178	961202
6	2	69.8	7	1271	-	1284978
7	2	77	7	1538	-	276835
8	2	83.2	7	1706	-	599511
9	1	61.3	7	-	-	922994
10						
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17						
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:			10			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68.2	8	1640	-	1119536
2	3	91	8	1030	1681	213227
3	2	71.9	8	1720	-	503733
4	3	97.8	8	1758	1190	792803
5	3	99.9	8	1972	1306	1082343
6	1	58.2	8	-	-	177913
7	2	80.4	8	1311	-	468207
8	3	91.4	8	1085	1002	757674
9	1	63.2	8	-	-	1050117
10	1	60.7	8	-	-	142086
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.6	17	-	-	240335
2	2	68.3	17	1483	-	400624
3	1	50.1	17	-	-	563170
4	3	99	17	1104	1823	58723
5	2	69.3	17	1765	-	219845
6	3	94	17	1819	1511	379434
7	2	73.6	17	1766	-	541561
8	3	90.1	17	1619	1302	38927
9	3	87.4	17	1218	1598	199616
10	2	80	17	1126	-	361233
11	1	59.2	17	-	-	523090
12	1	65.9	17	-	-	19222
13	2	69.4	17	1125	-	180149
14	1	61.6	17	-	-	341637
15	1	56.3	17	-	-	503415
16	1	52.5	17	-	-	664176
17	2	75	17	1549	-	160409
18	1	56.9	17	-	-	321846
19						
20						

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

Trial Number:			5			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	2	70.9	5	1073	-	1087995
2	3	87.3	5	1157	1489	1449623
3	1	61.7	5	-	-	317131
4	2	79.7	5	1371	-	680051
5	2	76.2	5	1659	-	1042670
6	2	79	5	1426	-	1406353
7	2	83.3	5	1701	-	272215
8	3	96.6	5	1200	1362	634702
9						
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16						
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	1	53.2	18	-	-	525308
2	1	52.1	18	-	-	21590
3	1	52.3	18	-	-	182977
4	2	71.5	18	1389	-	343738
5	1	60.3	18	-	-	505583
6	3	91.4	18	1990	1044	1706
7	3	97.4	18	1229	1154	162367
8	2	83.3	18	1340	-	323939
9	2	73.4	18	1016	-	485008
10	2	70.5	18	1128	-	645647
11	2	75.9	18	1367	-	142785
12	3	99.1	18	1379	1683	303126
13	3	84	18	1260	1382	464073
14	3	92.2	18	1602	1670	623884
15	2	71.2	18	1981	-	122975
16	1	65.6	18	-	-	284495
17	2	72.8	18	1295	-	445364
18	2	74.5	18	1870	-	605822
19						
20						

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

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	81.6	10	1239	-	821247
2	2	71.2	10	1486	-	65692
3	1	65	10	-	-	308076
4	2	82	10	1461	-	549265
5	3	90.1	10	1172	1358	790281
6	2	73	10	1282	-	35898
7	2	76.9	10	1779	-	277567
8	2	81	10	1046	-	519855
9	2	75	10	1901	-	761057
10	1	59.1	10	-	-	6102
11	2	73.7	10	1976	-	247769
12	2	69.2	10	1174	-	489795
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	81.6	10	1239	-	821247
2	2	71.2	10	1486	-	65692
3	1	65	10	-	-	308076
4	2	82	10	1461	-	549265
5	3	90.1	10	1172	1358	790281
6	2	73	10	1282	-	35898
7	2	76.9	10	1779	-	277567
8	2	81	10	1046	-	519855
9	2	75	10	1901	-	761057
10	1	59.1	10	-	-	6102
11	2	73.7	10	1976	-	247769
12	2	69.2	10	1174	-	489795
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			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	1	61.4	5	-	-	1099762
2	2	81	5	1256	-	1461908
3	1	65.1	5	-	-	327759
4	2	81.4	5	1895	-	690344
5	1	60	5	-	-	1054482
6	3	99.3	5	1323	1181	1415442
7	1	52.3	5	-	-	283024
8	1	57.3	5	-	-	646651
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.2	16	1388	-	473462
2	1	52.6	16	-	-	645237
3	2	75.1	16	1012	-	111848
4	1	63.8	16	-	-	282937
5	1	56.2	16	-	-	453596
6	3	97	16	1764	1762	621407
7	2	77.7	16	1574	-	90805
8	2	78.6	16	1980	-	261066
9	3	93.7	16	1339	1359	431240
10	1	61.2	16	-	-	603271
11	2	81.9	16	1235	-	69814
12	2	79.4	16	1978	-	240027
13	2	73.3	16	1017	-	411016
14	1	56.1	16	-	-	582393
15	3	91.9	16	1292	1714	48702
16	3	99.3	16	1903	1456	218631
17	1	60.9	16	-	-	390466
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5297.5485			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	67.1	13	1826	-	634722
2	3	94	13	1510	1203	31466
3	2	69.2	13	1689	-	224871
4	3	94.3	13	1945	1449	416980
5	3	84.7	13	1860	1376	610423
6	3	97.8	13	1506	1472	7673
7	1	65.3	13	-	-	201259
8	3	84.9	13	1463	1514	393362
9	1	54.2	13	-	-	588974
10	2	81.2	13	1814	-	780371
11	3	94.7	13	1628	1913	176700
12	1	58.4	13	-	-	370952
13	2	77.3	13	1042	-	564373
14	1	50.2	13	-	-	758199
15	2	79.2	13	1830	-	153257
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5296.3485			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59.6	59.6	-	-	400952
2	2	66.7	66.7	1097	-	623493
3	3	94.9	94.9	1533	1313	845667
4	2	78.9	78.9	1964	-	149567
5	3	96.1	96.1	1613	1691	371931
6	1	51.1	51.1	-	-	596996
7	2	75.7	75.7	1254	-	818968
8	3	93.1	93.1	1421	1151	121884
9	3	95.3	95.3	1501	1535	344574
10	3	98.3	98.3	1087	1396	567851
11	3	87.3	87.3	1428	1361	790415
12	1	63.7	63.7	-	-	94753
13	2	77.3	77.3	1443	-	317907
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DFS Radar Parameters
FCC Radar Type 5

Channel 60 Bandwidth 20MHz

Trial Number:			13			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5295.5485			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	94.3	11	1397	1666	539991
2	3	95.9	11	1836	1037	762654
3	1	55.2	11	-	-	67183
4	3	89.1	11	1519	1948	289608
5	1	65.9	11	-	-	514183
6	2	70.5	11	1429	-	736561
7	3	93	11	1584	1228	39562
8	1	55.2	11	-	-	263209
9	2	83.2	11	1589	-	485697
10	1	63	11	-	-	709835
11	3	97.6	11	1740	1915	12109
12	1	54.8	11	-	-	235657
13	1	59.8	11	-	-	459219
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Trial Number:			14			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5295.5485			Yes
Burst	Number of Pulses	Pulse 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	19	1312	-	442531
2	1	51.9	19	-	-	588890
3	1	65.7	19	-	-	135103
4	2	83.1	19	1564	-	279356
5	2	70.2	19	1815	-	424393
6	1	66.4	19	-	-	570354
7	1	61	19	-	-	117275
8	1	52.6	19	-	-	262631
9	2	69.8	19	1353	-	406579
10	1	56.6	19	-	-	552947
11	1	61.3	19	-	-	99418
12	1	62.9	19	-	-	244377
13	1	53.1	19	-	-	389721
14	1	59.7	19	-	-	534560
15	3	91.4	19	1330	1455	81195
16	1	50.9	19	-	-	226748
17	2	73.9	19	1072	-	370910
18	3	96.1	19	1058	1432	514693
19	3	97.5	19	1951	1140	63281
20	3	84	19	1788	1655	207729

DFS Radar Parameters
FCC Radar Type 5

Channel 60 Bandwidth 20MHz

Trial Number:			15			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5298.7485			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88	9	1275	1669	642709
2	3	90.6	9	1090	1943	906233
3	1	58.4	9	-	-	83345
4	2	76	9	1217	-	347140
5	1	55.5	9	-	-	611573
6	3	92.6	9	1444	1231	873958
7	1	56.8	9	-	-	50743
8	1	57.3	9	-	-	315041
9	2	74	9	1329	-	578482
10	2	76.5	9	1278	-	842259
11	1	53.6	9	-	-	18212
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Trial Number:			16			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5294.7485			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	97.4	14	1918	1242	206132
2	2	74.1	14	1124	-	399941
3	3	86.3	14	1744	1987	591358
4	2	72.2	14	1991	-	785976
5	2	73.8	14	1243	-	182774
6	2	77.3	14	1182	-	376360
7	1	62.2	14	-	-	570479
8	2	78.1	14	1068	-	762782
9	2	70.9	14	1055	-	159151
10	1	52.7	14	-	-	352842
11	2	74.6	14	1132	-	545925
12	2	74.4	14	1522	-	739007
13	3	89.2	14	1783	1773	134773
14	3	94	14	1454	1746	327597
15	2	76.1	14	1117	-	522129
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DFS Radar Parameters
FCC Radar Type 5

Channel 60 Bandwidth 20MHz

Trial Number:			17			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5296.7485			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	95	12	1069	1230	131078
2	1	50	18			1034210
3	2	85	5	1678		830744
4	1	95	8			948405
5	2	80	19	977		730760
6	2	65	20	1150		291286
7	3	65	11	1753	1866	1038271
8	3	50	7	1751	1175	711256
9	1	75	6			1065902
10	2	65	12	1459		293272
11	1	55	8			753663
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Trial Number:			18			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5298.7485			Yes
Burst	Number of Pulses	Pulse 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	19	-	-	537334
2	1	60.7	19	-	-	83576
3	1	51.5	19	-	-	228612
4	1	54.3	19	-	-	374161
5	1	59.3	19	-	-	519252
6	2	67	19	1891	-	65540
7	1	50	19	-	-	211039
8	2	70.8	19	1756	-	354895
9	2	71.9	19	1236	-	500494
10	3	88.4	19	1709	1401	47656
11	3	93.6	19	1866	1704	191886
12	3	89.8	19	1660	1345	336442
13	2	77.5	19	1050	-	482467
14	2	77.6	19	1633	-	29912
15	1	59.6	19	-	-	175295
16	1	53.7	19	-	-	320218
17	2	78.7	19	1286	-	464447
18	3	93.4	19	1603	1093	12081
19	1	53	19	-	-	157273
20	1	63.9	19	-	-	302456

DFS Radar Parameters
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Channel 60 Bandwidth 20MHz

Trial Number:			19			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5298.7485			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.9	19	1077.000	1927.000	468849
2	2	66.9	19	1007.000	-	622576
3	3	87.5	19	1861.000	1844.000	145865
4	2	67.6	19	1917.000	-	298534
5	2	73.6	19	1575.000	-	451238
6	1	61.6	19	-	-	605133
7	2	67.9	19	1096.000	-	127680
8	2	76.5	19	1807.000	-	279719
9	2	81.3	19	1316.000	-	432614
10	1	63.3	19	-	-	586031
11	1	66.2	19	-	-	109157
12	2	69.2	19	1864.000	-	261298
13	2	82	19	1206.000	-	413964
14	2	79.4	19	1409.000	-	565838
15	2	79.8	19	1119.000	-	90144
16	3	96.1	19	1898.000	1928.000	241469
17	1	55.7	19	-	-	395671
18	2	69.6	19	1263.000	-	547573
19	2	67.1	19	1457.000	-	71277
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Trial Number:			20			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5298.3485			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.7	18	1936	1356	223096
2	3	97.3	18	1962	1818	374691
3	1	53.3	18	-	-	530125
4	1	64.3	18	-	-	52628
5	3	83.9	18	1728	1498	204541
6	2	80.3	18	1107	-	357780
7	3	87.5	18	1392	1504	509094
8	3	84.8	18	1883	1199	33668
9	1	50.4	18	-	-	186602
10	1	61.3	18	-	-	339251
11	3	99.1	18	1930	1940	489314
12	3	96	18	1028	1317	14926
13	2	81	18	1679	-	167441
14	3	86.2	18	1156	1674	319123
15	2	80	18	1738	-	471778
16	3	87.3	18	1793	1643	622423
17	3	95.9	18	1684	1958	148154
18	2	73.2	18	1644	-	300996
19	3	83.9	18	1258	1566	452686
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DFS Radar Parameters
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Channel 60 Bandwidth 20MHz

Trial Number:			21			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5301.2515			Yes
Burst	Number of Pulses	Pulse 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	19	1805	-	605366
2	3	97.7	19	1066	1997	129425
3	3	99.2	19	1932	1010	281870
4	2	73.6	19	1821	-	434635
5	3	89.6	19	1803	1147	585935
6	1	58.5	19	-	-	111399
7	2	72.1	19	1437	-	263511
8	2	74.3	19	1878	-	416050
9	1	57.7	19	-	-	569914
10	3	98.1	19	1205	1333	92166
11	3	97.9	19	1652	1541	243981
12	1	63.5	19	-	-	398002
13	3	98	19	1259	1474	548948
14	1	59	19	-	-	73727
15	2	76.2	19	1341	-	225933
16	1	66.3	19	-	-	379183
17	2	66.7	19	1081	-	531551
18	3	85.6	19	1937	1703	54561
19	1	52.5	19	-	-	207524
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Trial Number:			22			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5304.4515			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	53.6	11	-	-	527111
2	3	87.4	11	1811	1571	748220
3	3	86.1	11	1889	1627	52536
4	2	76.9	11	1265	-	275793
5	2	67.4	11	1304	-	499242
6	1	65.2	11	-	-	723224
7	2	82.2	11	1593	-	25150
8	2	67.4	11	1880	-	248119
9	3	85.2	11	1262	1257	470850
10	2	83	11	1368	-	694924
11	1	52	11	-	-	918863
12	3	92.2	11	1122	1493	220427
13	3	84	11	1285	1842	443093
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DFS Radar Parameters
FCC Radar Type 5

Channel 60 Bandwidth 20MHz

Trial Number:			23			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5303.6515			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	72.8	13	1169	-	577891
2	2	71.9	13	1009	-	771615
3	3	88.9	13	1912	1782	167040
4	2	69.5	13	1300	-	361055
5	3	87.6	13	1247	1557	553081
6	2	73.7	13	1276	-	747367
7	1	63.7	13	-	-	143957
8	1	55.8	13	-	-	337706
9	1	61.7	13	-	-	530939
10	1	55.9	13	-	-	725290
11	2	79.8	13	1569	-	119841
12	3	86.7	13	1606	1149	312671
13	1	52.6	13	-	-	507371
14	3	97.8	13	1856	1955	697324
15	1	51.1	13	-	-	96192
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Trial Number:			24			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5302.8515			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.9	15	1992	1413	270654
2	1	54.8	15	-	-	453382
3	2	69.9	15	1452	-	633360
4	1	63.3	15	-	-	67811
5	1	51.7	15	-	-	249474
6	3	93.3	15	1843	1114	428985
7	2	69.6	15	1926	-	610474
8	3	96.5	15	1207	1334	45285
9	3	94.6	15	1636	1795	226025
10	2	70.8	15	1654	-	407487
11	2	81.7	15	1277	-	588874
12	1	58.3	15	-	-	23104
13	1	57.3	15	-	-	204633
14	3	91.2	15	1534	1550	384355
15	3	87	15	1665	1150	565401
16	3	91.4	15	1099	1337	742
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5305.6515			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	55.7	8	-	-	291795
2	1	55.9	8	-	-	582369
3	1	63.9	8	-	-	873344
4	3	90.8	8	1724	1775	1160383
5	2	76	8	1197	-	255819
6	2	70.2	8	1283	-	546044
7	1	56.7	8	-	-	837723
8	2	78.8	8	1467	-	1126786
9	3	93	8	1478	1314	219729
10	2	71.8	8	1080	-	510402
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5304.8515			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	96.8	10	1036	1513	666465
2	3	92	10	1894	1451	907252
3	2	81.5	10	1721	-	153388
4	1	56.3	10	-	-	395984
5	3	90.2	10	1082	1112	636838
6	1	64.8	10	-	-	880264
7	2	67.5	10	1307	-	123649
8	2	81.1	10	1785	-	365496
9	2	80.5	10	1098	-	607519
10	2	80.4	10	1677	-	848850
11	1	63.1	10	-	-	93986
12	3	88.8	10	1757	1160	335162
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DFS Radar Parameters
FCC Radar Type 5

Channel 60 Bandwidth 20MHz

Trial Number:			27			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5301.6515			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	90.4	18	1032	1324	383633
2	3	90.7	18	1414	1180	544470
3	1	53.2	18	-	-	42735
4	2	75.4	18	1364	-	203734
5	3	94.3	18	1100	1035	364436
6	3	98.7	18	1658	1281	524414
7	1	55.8	18	-	-	22883
8	1	65.4	18	-	-	184319
9	1	56.4	18	-	-	345529
10	1	64.6	18	-	-	506741
11	2	74.7	18	1713	-	3006
12	1	64.6	18	-	-	164283
13	2	74	18	1540	-	325125
14	2	80.8	18	1417	-	486209
15	3	88.7	18	1863	1599	644488
16	1	56.9	18	-	-	144442
17	2	75.1	18	1365	-	305231
18	2	66.7	18	1163	-	466587
19						
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Trial Number:			28			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5304.0515			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.1	12	1907	1587	866982
2	3	91.2	12	1355	1173	172138
3	2	70.3	12	1572	-	395584
4	2	80	12	1518	-	618741
5	3	96.5	12	1675	1778	840287
6	2	77.6	12	1718	-	144770
7	1	65	12	-	-	368469
8	3	88.3	12	1638	1899	590151
9	2	80.7	12	1297	-	814477
10	2	66.9	12	1873	-	117283
11	3	90.9	12	1716	1579	339837
12	2	76.2	12	1770	-	563316
13	1	60.6	12	-	-	788278
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DFS Radar Parameters
FCC Radar Type 5

Channel 60 Bandwidth 20MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5300.8515			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56.6	20	-	-	58469
2	2	78.2	20	1631	-	203037
3	2	66.9	20	1390	-	347847
4	1	65.5	20	-	-	493565
5	2	73.2	20	1092	-	40528
6	3	87.6	20	1879	1649	184786
7	1	50.6	20	-	-	330838
8	2	75.9	20	1739	-	474378
9	1	58.1	20	-	-	22713
10	2	72.9	20	1897	-	167388
11	2	77.6	20	1407	-	312389
12	1	65.4	20	-	-	458232
13	2	82.2	20	1490	-	4817
14	2	67.2	20	1442	-	149729
15	2	66.9	20	1694	-	294337
16	2	82.3	20	1253	-	439075
17	1	59.4	20	-	-	585846
18	2	76.1	20	1621	-	131677
19	1	60.5	20	-	-	277248
20	1	56	20	-	-	422505

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5300.8515			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.8	20	-	-	567246
2	2	82.3	20	1102	-	114080
3	2	72	20	1377	-	258761
4	2	68.5	20	1612	-	403448
5	1	60.4	20	-	-	550025
6	3	94.3	20	1131	1957	95891
7	2	75.6	20	1448	-	240780
8	1	60.4	20	-	-	386781
9	1	56	20	-	-	531810
10	2	67.9	20	1565	-	78214
11	3	89	20	1319	1941	222525
12	2	74.5	20	1184	-	368138
13	2	80.2	20	1562	-	512817
14	1	53.9	20	-	-	60559
15	2	68.1	20	1373	-	205239
16	3	86.4	20	1168	1877	348862
17	1	57.1	20	-	-	496414
18	1	65.2	20	-	-	42708
19	1	65.5	20	-	-	187782
20	2	69.4	20	1904	-	331848

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	22	1066.10	938	Yes
2	7	1567.40	638	Yes
3	6	1618.12	618	Yes
4	17	1193.32	838	Yes
5	9	1474.93	678	Yes
6	11	1392.76	718	Yes
7	16	1222.49	818	Yes
8	12	1355.01	738	Yes
9	12	326.16	3066	Yes
10	21	1089.32	918	Yes
11	5	1672.24	598	Yes
12	2	1858.74	538	Yes
13	20	1113.59	898	Yes
14	13	1319.26	758	Yes
15	8	1519.76	658	Yes
16		470.15	2127	Yes
17		736.92	1357	Yes
18		389.41	2568	Yes
19		446.23	2241	Yes
20		892.86	1120	Yes
21		1184.83	844	Yes
22		423.55	2361	Yes
23		355.49	2813	Yes
24		615.38	1625	Yes
25		675.68	1480	Yes
26		834.72	1198	Yes
27		564.97	1770	Yes
28		1709.40	585	Yes
29		911.58	1097	Yes
30		534.76	1870	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	23	2.20	206	Yes
2	25	4.80	159	No
3	28	4.60	210	Yes
4	28	3.40	208	Yes
5	24	4.40	203	Yes
6	24	1.50	202	Yes
7	23	4.10	204	Yes
8	25	1.90	172	No
9	27	3.70	214	Yes
10	28	3.20	195	Yes
11	29	4.10	217	Yes
12	25	3.20	227	Yes
13	26	1.40	200	Yes
14	26	4.00	226	Yes
15	27	5.00	177	Yes
16	25	2.40	219	Yes
17	29	4.60	151	Yes
18	26	1.60	185	No
19	26	2.00	156	Yes
20	29	3.10	214	Yes
21	23	2.20	218	Yes
22	29	2.70	211	Yes
23	25	1.00	156	Yes
24	25	3.60	163	No
25	27	3.30	157	Yes
26	24	1.50	174	Yes
27	23	2.80	228	Yes
28	27	3.10	197	No
29	27	2.10	164	Yes
30	29	3.30	227	No

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	9.00	259	Yes
2	16	9.20	346	Yes
3	17	9.90	333	Yes
4	17	9.30	490	Yes
5	16	7.20	270	Yes
6	16	9.40	358	Yes
7	18	9.50	416	Yes
8	16	8.20	343	Yes
9	16	9.30	403	Yes
10	17	6.00	489	Yes
11	17	6.10	310	Yes
12	16	9.60	369	Yes
13	16	9.40	431	Yes
14	18	8.90	273	Yes
15	16	8.30	329	Yes
16	16	6.10	388	Yes
17	16	8.20	434	Yes
18	16	8.50	498	Yes
19	16	8.00	388	Yes
20	17	9.30	360	Yes
21	16	6.10	331	Yes
22	17	8.80	438	Yes
23	17	6.60	332	Yes
24	16	6.80	346	Yes
25	17	6.10	471	Yes
26	17	7.20	293	Yes
27	16	7.70	463	Yes
28	17	9.90	259	Yes
29	17	6.20	366	Yes
30	16	6.20	264	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	16.60	316	Yes
2	15	11.30	496	Yes
3	13	17.50	357	Yes
4	12	17.60	253	Yes
5	14	14.50	399	No
6	15	12.20	325	Yes
7	14	15.10	304	Yes
8	15	12.90	457	Yes
9	16	15.40	254	Yes
10	16	15.70	329	Yes
11	14	15.90	429	Yes
12	14	11.40	352	Yes
13	15	20.00	396	Yes
14	13	12.80	253	Yes
15	14	17.90	295	Yes
16	15	13.70	444	Yes
17	12	14.40	392	Yes
18	15	14.80	352	Yes
19	12	14.30	329	Yes
20	12	18.40	312	Yes
21	13	12.30	412	Yes
22	12	15.30	466	Yes
23	16	18.80	388	Yes
24	15	13.70	379	No
25	12	18.40	493	Yes
26	16	18.40	258	No
27	13	15.80	447	Yes
28	16	14.70	325	Yes
29	14	11.40	468	Yes
30	14	15.30	389	Yes

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	81.5	15	1423	-	651434
2	1	56.6	15	-	-	86064
3	1	59.4	15	-	-	267778
4	3	90.4	15	1946	1582	447216
5	1	51.5	15	-	-	630981
6	3	87.5	15	1885	1828	63426
7	3	91.4	15	1994	1272	244072
8	1	62.7	15	-	-	426552
9	1	66.4	15	-	-	608510
10	1	52.9	15	-	-	41356
11	3	84.8	15	1045	1988	221885
12	2	77	15	1280	-	403628
13	2	70.4	15	1827	-	584620
14	2	69.9	15	1202	-	18967
15	3	96.9	15	1688	1641	199642
16	1	62.8	15	-	-	382188
17						
18						
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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	78.7	7	1858	-	1001645
2	3	96.9	7	1796	1223	1322562
3	3	94.8	7	1208	1618	316248
4	3	93.6	7	1043	2000	638807
5	3	96	7	1492	1178	961202
6	2	69.8	7	1271	-	1284978
7	2	77	7	1538	-	276835
8	2	83.2	7	1706	-	599511
9	1	61.3	7	-	-	922994
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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:			10			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68.2	8	1640	-	1119536
2	3	91	8	1030	1681	213227
3	2	71.9	8	1720	-	503733
4	3	97.8	8	1758	1190	792803
5	3	99.9	8	1972	1306	1082343
6	1	58.2	8	-	-	177913
7	2	80.4	8	1311	-	468207
8	3	91.4	8	1085	1002	757674
9	1	63.2	8	-	-	1050117
10	1	60.7	8	-	-	142086
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.6	17	-	-	240335
2	2	68.3	17	1483	-	400624
3	1	50.1	17	-	-	563170
4	3	99	17	1104	1823	58723
5	2	69.3	17	1765	-	219845
6	3	94	17	1819	1511	379434
7	2	73.6	17	1766	-	541561
8	3	90.1	17	1619	1302	38927
9	3	87.4	17	1218	1598	199616
10	2	80	17	1126	-	361233
11	1	59.2	17	-	-	523090
12	1	65.9	17	-	-	19222
13	2	69.4	17	1125	-	180149
14	1	61.6	17	-	-	341637
15	1	56.3	17	-	-	503415
16	1	52.5	17	-	-	664176
17	2	75	17	1549	-	160409
18	1	56.9	17	-	-	321846
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			5			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	70.9	5	1073	-	1087995
2	3	87.3	5	1157	1489	1449623
3	1	61.7	5	-	-	317131
4	2	79.7	5	1371	-	680051
5	2	76.2	5	1659	-	1042670
6	2	79	5	1426	-	1406353
7	2	83.3	5	1701	-	272215
8	3	96.6	5	1200	1362	634702
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Trial Number:			6			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	69.5	16	1063	-	469287
2	1	65	16	-	-	640322
3	1	66.6	16	-	-	106960
4	3	94.7	16	1013	1893	276668
5	1	54.3	16	-	-	448947
6	3	85.7	16	1291	1039	617835
7	1	57.2	16	-	-	85939
8	1	59.1	16	-	-	256694
9	2	83.2	16	1215	-	427109
10	3	94.5	16	1966	1697	595777
11	2	78.5	16	1731	-	64794
12	3	97.9	16	1862	1008	234679
13	2	75.4	16	1166	-	405882
14	3	99.7	16	1521	1111	575039
15	2	72.3	16	1440	-	43832
16	2	79.7	16	1022	-	214352
17	3	89.7	16	1536	1384	384038
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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:			18			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.5	9	-	-	169394
2	2	73.5	9	1975	-	432943
3	3	92.7	9	1605	1434	695626
4	2	75.6	9	1953	-	960259
5	2	73.6	9	1453	-	136677
6	1	58.6	9	-	-	401033
7	1	60.3	9	-	-	665459
8	2	78.4	9	1227	-	928858
9	1	61.9	9	-	-	104313
10	2	74	9	1748	-	367913
11	2	77.1	9	1427	-	631651
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.5	9	-	-	169394
2	2	73.5	9	1975	-	432943
3	3	92.7	9	1605	1434	695626
4	2	75.6	9	1953	-	960259
5	2	73.6	9	1453	-	136677
6	1	58.6	9	-	-	401033
7	1	60.3	9	-	-	665459
8	2	78.4	9	1227	-	928858
9	1	61.9	9	-	-	104313
10	2	74	9	1748	-	367913
11	2	77.1	9	1427	-	631651
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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:			12			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	81.6	10	1239	-	821247
2	2	71.2	10	1486	-	65692
3	1	65	10	-	-	308076
4	2	82	10	1461	-	549265
5	3	90.1	10	1172	1358	790281
6	2	73	10	1282	-	35898
7	2	76.9	10	1779	-	277567
8	2	81	10	1046	-	519855
9	2	75	10	1901	-	761057
10	1	59.1	10	-	-	6102
11	2	73.7	10	1976	-	247769
12	2	69.2	10	1174	-	489795
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	61.4	5	-	-	1099762
2	2	81	5	1256	-	1461908
3	1	65.1	5	-	-	327759
4	2	81.4	5	1895	-	690344
5	1	60	5	-	-	1054482
6	3	99.3	5	1323	1181	1415442
7	1	52.3	5	-	-	283024
8	1	57.3	5	-	-	646651
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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:			17			
Chirp Center Frequency:			5497.235			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.2	16	1388	-	473462
2	1	52.6	16	-	-	645237
3	2	75.1	16	1012	-	111848
4	1	63.8	16	-	-	282937
5	1	56.2	16	-	-	453596
6	3	97	16	1764	1762	621407
7	2	77.7	16	1574	-	90805
8	2	78.6	16	1980	-	261066
9	3	93.7	16	1339	1359	431240
10	1	61.2	16	-	-	603271
11	2	81.9	16	1235	-	69814
12	2	79.4	16	1978	-	240027
13	2	73.3	16	1017	-	411016
14	1	56.1	16	-	-	582393
15	3	91.9	16	1292	1714	48702
16	3	99.3	16	1903	1456	218631
17	1	60.9	16	-	-	390466
18						
19						
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5496.035			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	67.1	67.1	1826	-	634722
2	3	94	94	1510	1203	31466
3	2	69.2	69.2	1689	-	224871
4	3	94.3	94.3	1945	1449	416980
5	3	84.7	84.7	1860	1376	610423
6	3	97.8	97.8	1506	1472	7673
7	1	65.3	65.3	-	-	201259
8	3	84.9	84.9	1463	1514	393362
9	1	54.2	54.2	-	-	588974
10	2	81.2	81.2	1814	-	780371
11	3	94.7	94.7	1628	1913	176700
12	1	58.4	58.4	-	-	370952
13	2	77.3	77.3	1042	-	564373
14	1	50.2	50.2	-	-	758199
15	2	79.2	79.2	1830	-	153257
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DFS Radar Parameters
FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			13			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5495.235			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59.6	11	-	-	400952
2	2	66.7	11	1097	-	623493
3	3	94.9	11	1533	1313	845667
4	2	78.9	11	1964	-	149567
5	3	96.1	11	1613	1691	371931
6	1	51.1	11	-	-	596996
7	2	75.7	11	1254	-	818968
8	3	93.1	11	1421	1151	121884
9	3	95.3	11	1501	1535	344574
10	3	98.3	11	1087	1396	567851
11	3	87.3	11	1428	1361	790415
12	1	63.7	11	-	-	94753
13	2	77.3	11	1443	-	317907
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Trial Number:			14			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5495.235			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	94.3	11	1397	1666	539991
2	3	95.9	11	1836	1037	762654
3	1	55.2	11	-	-	67183
4	3	89.1	11	1519	1948	289608
5	1	65.9	11	-	-	514183
6	2	70.5	11	1429	-	736561
7	3	93	11	1584	1228	39562
8	1	55.2	11	-	-	263209
9	2	83.2	11	1589	-	485697
10	1	63	11	-	-	709835
11	3	97.6	11	1740	1915	12109
12	1	54.8	11	-	-	235657
13	1	59.8	11	-	-	459219
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DFS Radar Parameters
FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			15			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5498.435			Yes
Burst	Number of Pulses	Pulse 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	19	1312	-	442531
2	1	51.9	19	-	-	588890
3	1	65.7	19	-	-	135103
4	2	83.1	19	1564	-	279356
5	2	70.2	19	1815	-	424393
6	1	66.4	19	-	-	570354
7	1	61	19	-	-	117275
8	1	52.6	19	-	-	262631
9	2	69.8	19	1353	-	406579
10	1	56.6	19	-	-	552947
11	1	61.3	19	-	-	99418
12	1	62.9	19	-	-	244377
13	1	53.1	19	-	-	389721
14	1	59.7	19	-	-	534560
15	3	91.4	19	1330	1455	81195
16	1	50.9	19	-	-	226748
17	2	73.9	19	1072	-	370910
18	3	96.1	19	1058	1432	514693
19	3	97.5	19	1951	1140	63281
20	3	84	19	1788	1655	207729

Trial Number:			16			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5494.435			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88	9	1275	1669	642709
2	3	90.6	9	1090	1943	906233
3	1	58.4	9	-	-	83345
4	2	76	9	1217	-	347140
5	1	55.5	9	-	-	611573
6	3	92.6	9	1444	1231	873958
7	1	56.8	9	-	-	50743
8	1	57.3	9	-	-	315041
9	2	74	9	1329	-	578482
10	2	76.5	9	1278	-	842259
11	1	53.6	9	-	-	18212
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DFS Radar Parameters
FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5496.435			NO
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	97.4	14	1918	1242	206132
2	2	74.1	14	1124	-	399941
3	3	86.3	14	1744	1987	591358
4	2	72.2	14	1991	-	785976
5	2	73.8	14	1243	-	182774
6	2	77.3	14	1182	-	376360
7	1	62.2	14	-	-	570479
8	2	78.1	14	1068	-	762782
9	2	70.9	14	1055	-	159151
10	1	52.7	14	-	-	352842
11	2	74.6	14	1132	-	545925
12	2	74.4	14	1522	-	739007
13	3	89.2	14	1783	1773	134773
14	3	94	14	1454	1746	327597
15	2	76.1	14	1117	-	522129
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5498.435			NO
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	62.7	19	-	-	537334
2	1	60.7	19	-	-	83576
3	1	51.5	19	-	-	228612
4	1	54.3	19	-	-	374161
5	1	59.3	19	-	-	519252
6	2	67	19	1891	-	65540
7	1	50	19	-	-	211039
8	2	70.8	19	1756	-	354895
9	2	71.9	19	1236	-	500494
10	3	88.4	19	1709	1401	47656
11	3	93.6	19	1866	1704	191886
12	3	89.8	19	1660	1345	336442
13	2	77.5	19	1050	-	482467
14	2	77.6	19	1633	-	29912
15	1	59.6	19	-	-	175295
16	1	53.7	19	-	-	320218
17	2	78.7	19	1286	-	464447
18	3	93.4	19	1603	1093	12081
19	1	53	19	-	-	157273
20	1	63.9	19	-	-	302456

DFS Radar Parameters
FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			19			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5498.435			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.9	19	1077.000	1927.000	468849
2	2	66.9	19	1007.000	-	622576
3	3	87.5	19	1861.000	1844.000	145865
4	2	67.6	19	1917.000	-	298534
5	2	73.6	19	1575.000	-	451238
6	1	61.6	19	-	-	605133
7	2	67.9	19	1096.000	-	127680
8	2	76.5	19	1807.000	-	279719
9	2	81.3	19	1316.000	-	432614
10	1	63.3	19	-	-	586031
11	1	66.2	19	-	-	109157
12	2	69.2	19	1864.000	-	261298
13	2	82	19	1206.000	-	413964
14	2	79.4	19	1409.000	-	565838
15	2	79.8	19	1119.000	-	90144
16	3	96.1	19	1898.000	1928.000	241469
17	1	55.7	19	-	-	395671
18	2	69.6	19	1263.000	-	547573
19	2	67.1	19	1457.000	-	71277
20						

Trial Number:			20			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5498.035			Yes
Burst	Number of Pulses	Pulse 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	19	1805	-	605366
2	3	97.7	19	1066	1997	129425
3	3	99.2	19	1932	1010	281870
4	2	73.6	19	1821	-	434635
5	3	89.6	19	1803	1147	585935
6	1	58.5	19	-	-	111399
7	2	72.1	19	1437	-	263511
8	2	74.3	19	1878	-	416050
9	1	57.7	19	-	-	569914
10	3	98.1	19	1205	1333	92166
11	3	97.9	19	1652	1541	243981
12	1	63.5	19	-	-	398002
13	3	98	19	1259	1474	548948
14	1	59	19	-	-	73727
15	2	76.2	19	1341	-	225933
16	1	66.3	19	-	-	379183
17	2	66.7	19	1081	-	531551
18	3	85.6	19	1937	1703	54561
19	1	52.5	19	-	-	207524
20						

DFS Radar Parameters
FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			21			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5501.565			Yes
Burst	Number of Pulses	Pulse 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	19	1805	-	605366
2	3	97.7	19	1066	1997	129425
3	3	99.2	19	1932	1010	281870
4	2	73.6	19	1821	-	434635
5	3	89.6	19	1803	1147	585935
6	1	58.5	19	-	-	111399
7	2	72.1	19	1437	-	263511
8	2	74.3	19	1878	-	416050
9	1	57.7	19	-	-	569914
10	3	98.1	19	1205	1333	92166
11	3	97.9	19	1652	1541	243981
12	1	63.5	19	-	-	398002
13	3	98	19	1259	1474	548948
14	1	59	19	-	-	73727
15	2	76.2	19	1341	-	225933
16	1	66.3	19	-	-	379183
17	2	66.7	19	1081	-	531551
18	3	85.6	19	1937	1703	54561
19	1	52.5	19	-	-	207524
20						

Trial Number:			22			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5504.765			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	53.6	11	-	-	527111
2	3	87.4	11	1811	1571	748220
3	3	86.1	11	1889	1627	52536
4	2	76.9	11	1265	-	275793
5	2	67.4	11	1304	-	499242
6	1	65.2	11	-	-	723224
7	2	82.2	11	1593	-	25150
8	2	67.4	11	1880	-	248119
9	3	85.2	11	1262	1257	470850
10	2	83	11	1368	-	694924
11	1	52	11	-	-	918863
12	3	92.2	11	1122	1493	220427
13	3	84	11	1285	1842	443093
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DFS Radar Parameters
FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			23			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5503.965			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	72.8	13	1169	-	577891
2	2	71.9	13	1009	-	771615
3	3	88.9	13	1912	1782	167040
4	2	69.5	13	1300	-	361055
5	3	87.6	13	1247	1557	553081
6	2	73.7	13	1276	-	747367
7	1	63.7	13	-	-	143957
8	1	55.8	13	-	-	337706
9	1	61.7	13	-	-	530939
10	1	55.9	13	-	-	725290
11	2	79.8	13	1569	-	119841
12	3	86.7	13	1606	1149	312671
13	1	52.6	13	-	-	507371
14	3	97.8	13	1856	1955	697324
15	1	51.1	13	-	-	96192
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Trial Number:			24			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5503.165			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.9	15	1992	1413	270654
2	1	54.8	15	-	-	453382
3	2	69.9	15	1452	-	633360
4	1	63.3	15	-	-	67811
5	1	51.7	15	-	-	249474
6	3	93.3	15	1843	1114	428985
7	2	69.6	15	1926	-	610474
8	3	96.5	15	1207	1334	45285
9	3	94.6	15	1636	1795	226025
10	2	70.8	15	1654	-	407487
11	2	81.7	15	1277	-	588874
12	1	58.3	15	-	-	23104
13	1	57.3	15	-	-	204633
14	3	91.2	15	1534	1550	384355
15	3	87	15	1665	1150	565401
16	3	91.4	15	1099	1337	742
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DFS Radar Parameters
FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			25			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5505.965			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	55.7	8	-	-	291795
2	1	55.9	8	-	-	582369
3	1	63.9	8	-	-	873344
4	3	90.8	8	1724	1775	1160383
5	2	76	8	1197	-	255819
6	2	70.2	8	1283	-	546044
7	1	56.7	8	-	-	837723
8	2	78.8	8	1467	-	1126786
9	3	93	8	1478	1314	219729
10	2	71.8	8	1080	-	510402
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Trial Number:			26			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5505.165			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	96.8	10	1036	1513	666465
2	3	92	10	1894	1451	907252
3	2	81.5	10	1721	-	153388
4	1	56.3	10	-	-	395984
5	3	90.2	10	1082	1112	636838
6	1	64.8	10	-	-	880264
7	2	67.5	10	1307	-	123649
8	2	81.1	10	1785	-	365496
9	2	80.5	10	1098	-	607519
10	2	80.4	10	1677	-	848850
11	1	63.1	10	-	-	93986
12	3	88.8	10	1757	1160	335162
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DFS Radar Parameters
FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			27			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5501.965			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	90.4	18	1032	1324	383633
2	3	90.7	18	1414	1180	544470
3	1	53.2	18	-	-	42735
4	2	75.4	18	1364	-	203734
5	3	94.3	18	1100	1035	364436
6	3	98.7	18	1658	1281	524414
7	1	55.8	18	-	-	22883
8	1	65.4	18	-	-	184319
9	1	56.4	18	-	-	345529
10	1	64.6	18	-	-	506741
11	2	74.7	18	1713	-	3006
12	1	64.6	18	-	-	164283
13	2	74	18	1540	-	325125
14	2	80.8	18	1417	-	486209
15	3	88.7	18	1863	1599	644488
16	1	56.9	18	-	-	144442
17	2	75.1	18	1365	-	305231
18	2	66.7	18	1163	-	466587
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Trial Number:			28			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5504.365			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.1	12	1907	1587	866982
2	3	91.2	12	1355	1173	172138
3	2	70.3	12	1572	-	395584
4	2	80	12	1518	-	618741
5	3	96.5	12	1675	1778	840287
6	2	77.6	12	1718	-	144770
7	1	65	12	-	-	368469
8	3	88.3	12	1638	1899	590151
9	2	80.7	12	1297	-	814477
10	2	66.9	12	1873	-	117283
11	3	90.9	12	1716	1579	339837
12	2	76.2	12	1770	-	563316
13	1	60.6	12	-	-	788278
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DFS Radar Parameters
FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			29			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5501.165			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56.6	20	-	-	58469
2	2	78.2	20	1631	-	203037
3	2	66.9	20	1390	-	347847
4	1	65.5	20	-	-	493565
5	2	73.2	20	1092	-	40528
6	3	87.6	20	1879	1649	184786
7	1	50.6	20	-	-	330838
8	2	75.9	20	1739	-	474378
9	1	58.1	20	-	-	22713
10	2	72.9	20	1897	-	167388
11	2	77.6	20	1407	-	312389
12	1	65.4	20	-	-	458232
13	2	82.2	20	1490	-	4817
14	2	67.2	20	1442	-	149729
15	2	66.9	20	1694	-	294337
16	2	82.3	20	1253	-	439075
17	1	59.4	20	-	-	585846
18	2	76.1	20	1621	-	131677
19	1	60.5	20	-	-	277248
20	1	56	20	-	-	422505

Trial Number:			30			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5501.165			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.8	20	-	-	567246
2	2	82.3	20	1102	-	114080
3	2	72	20	1377	-	258761
4	2	68.5	20	1612	-	403448
5	1	60.4	20	-	-	550025
6	3	94.3	20	1131	1957	95891
7	2	75.6	20	1448	-	240780
8	1	60.4	20	-	-	386781
9	1	56	20	-	-	531810
10	2	67.9	20	1565	-	78214
11	3	89	20	1319	1941	222525
12	2	74.5	20	1184	-	368138
13	2	80.2	20	1562	-	512817
14	1	53.9	20	-	-	60559
15	2	68.1	20	1373	-	205239
16	3	86.4	20	1168	1877	348862
17	1	57.1	20	-	-	496414
18	1	65.2	20	-	-	42708
19	1	65.5	20	-	-	187782
20	2	69.4	20	1904	-	331848

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	5	1672.24	598	Yes
2	12	1355.01	738	Yes
3	22	1066.10	938	Yes
4	19	1138.95	878	Yes
5	6	1618.12	618	Yes
6	12	326.16	3066	Yes
7	17	1193.32	838	Yes
8	20	1113.59	898	Yes
9	2	1858.74	538	Yes
10	16	1222.49	818	Yes
11	15	1253.13	798	Yes
12	9	1474.93	678	Yes
13	13	1319.26	758	Yes
14	10	1432.66	698	Yes
15	4	1730.10	578	Yes
16		540.83	1849	Yes
17		1161.44	861	Yes
18		1077.59	928	Yes
19		406.50	2460	Yes
20		1754.39	570	Yes
21		368.60	2713	Yes
22		426.26	2346	Yes
23		560.85	1783	Yes
24		636.94	1570	Yes
25		384.62	2600	Yes
26		1234.57	810	Yes
27		1808.32	553	Yes
28		561.17	1782	Yes
29		1373.63	728	Yes
30		442.48	2260	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	29	2.60	223	No
2	24	2.90	199	Yes
3	23	2.40	221	No
4	26	2.20	228	Yes
5	26	3.80	205	Yes
6	29	2.20	208	Yes
7	24	2.60	183	Yes
8	27	1.50	230	Yes
9	27	1.80	178	Yes
10	27	2.00	187	Yes
11	27	4.70	219	No
12	27	5.00	151	Yes
13	28	3.00	151	Yes
14	28	1.30	161	Yes
15	24	1.20	204	Yes
16	26	4.50	164	Yes
17	24	2.20	178	Yes
18	24	4.90	166	Yes
19	26	3.10	180	No
20	27	3.10	200	Yes
21	25	1.30	229	Yes
22	27	2.80	194	Yes
23	24	3.10	195	No
24	29	2.40	198	Yes
25	23	5.00	226	Yes
26	29	4.60	159	Yes
27	25	4.20	169	Yes
28	23	1.10	153	Yes
29	29	3.00	163	Yes
30	24	2.60	169	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	16	8.20	439	Yes
2	18	8.50	295	Yes
3	17	6.20	341	Yes
4	17	9.70	308	Yes
5	18	8.70	450	Yes
6	18	6.40	462	Yes
7	16	9.70	347	Yes
8	17	6.80	488	Yes
9	17	7.70	418	No
10	17	6.20	365	Yes
11	17	9.50	300	Yes
12	17	7.40	465	Yes
13	18	9.60	253	No
14	17	8.90	314	Yes
15	17	7.00	269	Yes
16	16	6.40	383	Yes
17	17	7.80	351	Yes
18	18	8.50	291	Yes
19	16	7.30	410	Yes
20	17	9.50	369	Yes
21	16	9.00	279	Yes
22	16	9.20	321	No
23	17	6.10	427	No
24	17	8.40	340	Yes
25	18	7.10	296	Yes
26	17	6.30	478	Yes
27	18	8.10	426	Yes
28	16	6.50	350	Yes
29	18	6.40	340	Yes
30	16	6.50	250	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	12	11.70	319	Yes
2	14	17.80	296	Yes
3	14	13.40	365	No
4	13	12.00	415	Yes
5	13	18.80	499	No
6	15	16.30	425	Yes
7	16	19.70	375	Yes
8	14	18.80	494	Yes
9	16	16.90	302	Yes
10	15	12.20	453	Yes
11	14	11.10	429	Yes
12	12	19.20	331	Yes
13	14	19.70	317	Yes
14	15	11.60	300	Yes
15	12	18.60	459	Yes
16	13	12.60	250	Yes
17	13	15.10	260	Yes
18	14	16.90	373	No
19	16	17.50	295	Yes
20	14	17.60	276	Yes
21	13	17.90	426	Yes
22	12	14.30	362	Yes
23	16	15.00	295	Yes
24	16	19.00	439	Yes
25	16	14.80	473	Yes
26	15	14.00	344	No
27	13	12.10	317	Yes
28	14	19.70	296	Yes
29	16	16.90	417	No
30	13	12.70	443	No

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	81.5	15	1423	-	651434
2	1	56.6	15	-	-	86064
3	1	59.4	15	-	-	267778
4	3	90.4	15	1946	1582	447216
5	1	51.5	15	-	-	630981
6	3	87.5	15	1885	1828	63426
7	3	91.4	15	1994	1272	244072
8	1	62.7	15	-	-	426552
9	1	66.4	15	-	-	608510
10	1	52.9	15	-	-	41356
11	3	84.8	15	1045	1988	221885
12	2	77	15	1280	-	403628
13	2	70.4	15	1827	-	584620
14	2	69.9	15	1202	-	18967
15	3	96.9	15	1688	1641	199642
16	1	62.8	15	-	-	382188
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.7	7	1858	-	1001645
2	3	96.9	7	1796	1223	1322562
3	3	94.8	7	1208	1618	316248
4	3	93.6	7	1043	2000	638807
5	3	96	7	1492	1178	961202
6	2	69.8	7	1271	-	1284978
7	2	77	7	1538	-	276835
8	2	83.2	7	1706	-	599511
9	1	61.3	7	-	-	922994
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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:			12			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	55	9	1657		959587
2	1	60	9			979280
3	2	50	9	1153		286584
4	1	75	9			399088
5	1	90	9			7183
6	1	55	9			736263
7	2	75	9	1283		920414
8	2	100	9	1154		731930
9	2	55	9	1359		108205
10	1	95	9			320525
11	3	95	9	970	1151	854533
12	2	50	9	1619		196027
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68.2	8	1640	-	1119536
2	3	91	8	1030	1681	213227
3	2	71.9	8	1720	-	503733
4	3	97.8	8	1758	1190	792803
5	3	99.9	8	1972	1306	1082343
6	1	58.2	8	-	-	177913
7	2	80.4	8	1311	-	468207
8	3	91.4	8	1085	1002	757674
9	1	63.2	8	-	-	1050117
10	1	60.7	8	-	-	142086
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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:			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	2	70.9	5	1073	-	1087995
2	3	87.3	5	1157	1489	1449623
3	1	61.7	5	-	-	317131
4	2	79.7	5	1371	-	680051
5	2	76.2	5	1659	-	1042670
6	2	79	5	1426	-	1406353
7	2	83.3	5	1701	-	272215
8	3	96.6	5	1200	1362	634702
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	69.5	16	1063	-	469287
2	1	65	16	-	-	640322
3	1	66.6	16	-	-	106960
4	3	94.7	16	1013	1893	276668
5	1	54.3	16	-	-	448947
6	3	85.7	16	1291	1039	617835
7	1	57.2	16	-	-	85939
8	1	59.1	16	-	-	256694
9	2	83.2	16	1215	-	427109
10	3	94.5	16	1966	1697	595777
11	2	78.5	16	1731	-	64794
12	3	97.9	16	1862	1008	234679
13	2	75.4	16	1166	-	405882
14	3	99.7	16	1521	1111	575039
15	2	72.3	16	1440	-	43832
16	2	79.7	16	1022	-	214352
17	3	89.7	16	1536	1384	384038
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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:			18			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.5	9	-	-	169394
2	2	73.5	9	1975	-	432943
3	3	92.7	9	1605	1434	695626
4	2	75.6	9	1953	-	960259
5	2	73.6	9	1453	-	136677
6	1	58.6	9	-	-	401033
7	1	60.3	9	-	-	665459
8	2	78.4	9	1227	-	928858
9	1	61.9	9	-	-	104313
10	2	74	9	1748	-	367913
11	2	77.1	9	1427	-	631651
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.5	9	-	-	169394
2	2	73.5	9	1975	-	432943
3	3	92.7	9	1605	1434	695626
4	2	75.6	9	1953	-	960259
5	2	73.6	9	1453	-	136677
6	1	58.6	9	-	-	401033
7	1	60.3	9	-	-	665459
8	2	78.4	9	1227	-	928858
9	1	61.9	9	-	-	104313
10	2	74	9	1748	-	367913
11	2	77.1	9	1427	-	631651
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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:			12			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	81.6	10	1239	-	821247
2	2	71.2	10	1486	-	65692
3	1	65	10	-	-	308076
4	2	82	10	1461	-	549265
5	3	90.1	10	1172	1358	790281
6	2	73	10	1282	-	35898
7	2	76.9	10	1779	-	277567
8	2	81	10	1046	-	519855
9	2	75	10	1901	-	761057
10	1	59.1	10	-	-	6102
11	2	73.7	10	1976	-	247769
12	2	69.2	10	1174	-	489795
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	61.4	5	-	-	1099762
2	2	81	5	1256	-	1461908
3	1	65.1	5	-	-	327759
4	2	81.4	5	1895	-	690344
5	1	60	5	-	-	1054482
6	3	99.3	5	1323	1181	1415442
7	1	52.3	5	-	-	283024
8	1	57.3	5	-	-	646651
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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:			17			
Chirp Center Frequency:			5298.1165			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.2	16	1388	-	473462
2	1	52.6	16	-	-	645237
3	2	75.1	16	1012	-	111848
4	1	63.8	16	-	-	282937
5	1	56.2	16	-	-	453596
6	3	97	16	1764	1762	621407
7	2	77.7	16	1574	-	90805
8	2	78.6	16	1980	-	261066
9	3	93.7	16	1339	1359	431240
10	1	61.2	16	-	-	603271
11	2	81.9	16	1235	-	69814
12	2	79.4	16	1978	-	240027
13	2	73.3	16	1017	-	411016
14	1	56.1	16	-	-	582393
15	3	91.9	16	1292	1714	48702
16	3	99.3	16	1903	1456	218631
17	1	60.9	16	-	-	390466
18						
19						
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5296.9165			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	67.1	67.1	1826	-	634722
2	3	94	94	1510	1203	31466
3	2	69.2	69.2	1689	-	224871
4	3	94.3	94.3	1945	1449	416980
5	3	84.7	84.7	1860	1376	610423
6	3	97.8	97.8	1506	1472	7673
7	1	65.3	65.3	-	-	201259
8	3	84.9	84.9	1463	1514	393362
9	1	54.2	54.2	-	-	588974
10	2	81.2	81.2	1814	-	780371
11	3	94.7	94.7	1628	1913	176700
12	1	58.4	58.4	-	-	370952
13	2	77.3	77.3	1042	-	564373
14	1	50.2	50.2	-	-	758199
15	2	79.2	79.2	1830	-	153257
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DFS Radar Parameters
FCC Radar Type 5

Channel 62 Bandwidth 40MHz

Trial Number:			13			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5296.1165			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59.6	11	-	-	400952
2	2	66.7	11	1097	-	623493
3	3	94.9	11	1533	1313	845667
4	2	78.9	11	1964	-	149567
5	3	96.1	11	1613	1691	371931
6	1	51.1	11	-	-	596996
7	2	75.7	11	1254	-	818968
8	3	93.1	11	1421	1151	121884
9	3	95.3	11	1501	1535	344574
10	3	98.3	11	1087	1396	567851
11	3	87.3	11	1428	1361	790415
12	1	63.7	11	-	-	94753
13	2	77.3	11	1443	-	317907
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Trial Number:			14			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5296.1165			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	94.3	11	1397	1666	539991
2	3	95.9	11	1836	1037	762654
3	1	55.2	11	-	-	67183
4	3	89.1	11	1519	1948	289608
5	1	65.9	11	-	-	514183
6	2	70.5	11	1429	-	736561
7	3	93	11	1584	1228	39562
8	1	55.2	11	-	-	263209
9	2	83.2	11	1589	-	485697
10	1	63	11	-	-	709835
11	3	97.6	11	1740	1915	12109
12	1	54.8	11	-	-	235657
13	1	59.8	11	-	-	459219
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DFS Radar Parameters
FCC Radar Type 5

Channel 62 Bandwidth 40MHz

Trial Number:			15			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5299.3165			Yes
Burst	Number of Pulses	Pulse 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	19	1312	-	442531
2	1	51.9	19	-	-	588890
3	1	65.7	19	-	-	135103
4	2	83.1	19	1564	-	279356
5	2	70.2	19	1815	-	424393
6	1	66.4	19	-	-	570354
7	1	61	19	-	-	117275
8	1	52.6	19	-	-	262631
9	2	69.8	19	1353	-	406579
10	1	56.6	19	-	-	552947
11	1	61.3	19	-	-	99418
12	1	62.9	19	-	-	244377
13	1	53.1	19	-	-	389721
14	1	59.7	19	-	-	534560
15	3	91.4	19	1330	1455	81195
16	1	50.9	19	-	-	226748
17	2	73.9	19	1072	-	370910
18	3	96.1	19	1058	1432	514693
19	3	97.5	19	1951	1140	63281
20	3	84	19	1788	1655	207729

Trial Number:			16			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5295.3165			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88	9	1275	1669	642709
2	3	90.6	9	1090	1943	906233
3	1	58.4	9	-	-	83345
4	2	76	9	1217	-	347140
5	1	55.5	9	-	-	611573
6	3	92.6	9	1444	1231	873958
7	1	56.8	9	-	-	50743
8	1	57.3	9	-	-	315041
9	2	74	9	1329	-	578482
10	2	76.5	9	1278	-	842259
11	1	53.6	9	-	-	18212
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DFS Radar Parameters
FCC Radar Type 5

Channel 62 Bandwidth 40MHz

Trial Number:			17			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5297.3165			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	97.4	14	1918	1242	206132
2	2	74.1	14	1124	-	399941
3	3	86.3	14	1744	1987	591358
4	2	72.2	14	1991	-	785976
5	2	73.8	14	1243	-	182774
6	2	77.3	14	1182	-	376360
7	1	62.2	14	-	-	570479
8	2	78.1	14	1068	-	762782
9	2	70.9	14	1055	-	159151
10	1	52.7	14	-	-	352842
11	2	74.6	14	1132	-	545925
12	2	74.4	14	1522	-	739007
13	3	89.2	14	1783	1773	134773
14	3	94	14	1454	1746	327597
15	2	76.1	14	1117	-	522129
16						
17						
18						
19						
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Trial Number:			18			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5299.3165			Yes
Burst	Number of Pulses	Pulse 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	19	-	-	537334
2	1	60.7	19	-	-	83576
3	1	51.5	19	-	-	228612
4	1	54.3	19	-	-	374161
5	1	59.3	19	-	-	519252
6	2	67	19	1891	-	65540
7	1	50	19	-	-	211039
8	2	70.8	19	1756	-	354895
9	2	71.9	19	1236	-	500494
10	3	88.4	19	1709	1401	47656
11	3	93.6	19	1866	1704	191886
12	3	89.8	19	1660	1345	336442
13	2	77.5	19	1050	-	482467
14	2	77.6	19	1633	-	29912
15	1	59.6	19	-	-	175295
16	1	53.7	19	-	-	320218
17	2	78.7	19	1286	-	464447
18	3	93.4	19	1603	1093	12081
19	1	53	19	-	-	157273
20	1	63.9	19	-	-	302456

DFS Radar Parameters
FCC Radar Type 5

Channel 62 Bandwidth 40MHz

Trial Number:			19			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5299.3165			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.9	19	1077.000	1927.000	468849
2	2	66.9	19	1007.000	-	622576
3	3	87.5	19	1861.000	1844.000	145865
4	2	67.6	19	1917.000	-	298534
5	2	73.6	19	1575.000	-	451238
6	1	61.6	19	-	-	605133
7	2	67.9	19	1096.000	-	127680
8	2	76.5	19	1807.000	-	279719
9	2	81.3	19	1316.000	-	432614
10	1	63.3	19	-	-	586031
11	1	66.2	19	-	-	109157
12	2	69.2	19	1864.000	-	261298
13	2	82	19	1206.000	-	413964
14	2	79.4	19	1409.000	-	565838
15	2	79.8	19	1119.000	-	90144
16	3	96.1	19	1898.000	1928.000	241469
17	1	55.7	19	-	-	395671
18	2	69.6	19	1263.000	-	547573
19	2	67.1	19	1457.000	-	71277
20						

Trial Number:			20			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5298.9165			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.7	18	1936	1356	223096
2	3	97.3	18	1962	1818	374691
3	1	53.3	18	-	-	530125
4	1	64.3	18	-	-	52628
5	3	83.9	18	1728	1498	204541
6	2	80.3	18	1107	-	357780
7	3	87.5	18	1392	1504	509094
8	3	84.8	18	1883	1199	33668
9	1	50.4	18	-	-	186602
10	1	61.3	18	-	-	339251
11	3	99.1	18	1930	1940	489314
12	3	96	18	1028	1317	14926
13	2	81	18	1679	-	167441
14	3	86.2	18	1156	1674	319123
15	2	80	18	1738	-	471778
16	3	87.3	18	1793	1643	622423
17	3	95.9	18	1684	1958	148154
18	2	73.2	18	1644	-	300996
19	3	83.9	18	1258	1566	452686
20						

DFS Radar Parameters
FCC Radar Type 5

Channel 62 Bandwidth 40MHz

Trial Number:			21			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5320.6835			Yes
Burst	Number of Pulses	Pulse 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	19	1805	-	605366
2	3	97.7	19	1066	1997	129425
3	3	99.2	19	1932	1010	281870
4	2	73.6	19	1821	-	434635
5	3	89.6	19	1803	1147	585935
6	1	58.5	19	-	-	111399
7	2	72.1	19	1437	-	263511
8	2	74.3	19	1878	-	416050
9	1	57.7	19	-	-	569914
10	3	98.1	19	1205	1333	92166
11	3	97.9	19	1652	1541	243981
12	1	63.5	19	-	-	398002
13	3	98	19	1259	1474	548948
14	1	59	19	-	-	73727
15	2	76.2	19	1341	-	225933
16	1	66.3	19	-	-	379183
17	2	66.7	19	1081	-	531551
18	3	85.6	19	1937	1703	54561
19	1	52.5	19	-	-	207524
20						

Trial Number:			22			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5323.8835			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	53.6	11	-	-	527111
2	3	87.4	11	1811	1571	748220
3	3	86.1	11	1889	1627	52536
4	2	76.9	11	1265	-	275793
5	2	67.4	11	1304	-	499242
6	1	65.2	11	-	-	723224
7	2	82.2	11	1593	-	25150
8	2	67.4	11	1880	-	248119
9	3	85.2	11	1262	1257	470850
10	2	83	11	1368	-	694924
11	1	52	11	-	-	918863
12	3	92.2	11	1122	1493	220427
13	3	84	11	1285	1842	443093
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DFS Radar Parameters
FCC Radar Type 5

Channel 62 Bandwidth 40MHz

Trial Number:			23			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5.3230835			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	72.8	13	1169	-	577891
2	2	71.9	13	1009	-	771615
3	3	88.9	13	1912	1782	167040
4	2	69.5	13	1300	-	361055
5	3	87.6	13	1247	1557	553081
6	2	73.7	13	1276	-	747367
7	1	63.7	13	-	-	143957
8	1	55.8	13	-	-	337706
9	1	61.7	13	-	-	530939
10	1	55.9	13	-	-	725290
11	2	79.8	13	1569	-	119841
12	3	86.7	13	1606	1149	312671
13	1	52.6	13	-	-	507371
14	3	97.8	13	1856	1955	697324
15	1	51.1	13	-	-	96192
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Trial Number:			24			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5322.2835			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.9	15	1992	1413	270654
2	1	54.8	15	-	-	453382
3	2	69.9	15	1452	-	633360
4	1	63.3	15	-	-	67811
5	1	51.7	15	-	-	249474
6	3	93.3	15	1843	1114	428985
7	2	69.6	15	1926	-	610474
8	3	96.5	15	1207	1334	45285
9	3	94.6	15	1636	1795	226025
10	2	70.8	15	1654	-	407487
11	2	81.7	15	1277	-	588874
12	1	58.3	15	-	-	23104
13	1	57.3	15	-	-	204633
14	3	91.2	15	1534	1550	384355
15	3	87	15	1665	1150	565401
16	3	91.4	15	1099	1337	742
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DFS Radar Parameters
FCC Radar Type 5

Channel 62 Bandwidth 40MHz

Trial Number:			25			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5325.0835			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	55.7	8	-	-	291795
2	1	55.9	8	-	-	582369
3	1	63.9	8	-	-	873344
4	3	90.8	8	1724	1775	1160383
5	2	76	8	1197	-	255819
6	2	70.2	8	1283	-	546044
7	1	56.7	8	-	-	837723
8	2	78.8	8	1467	-	1126786
9	3	93	8	1478	1314	219729
10	2	71.8	8	1080	-	510402
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Trial Number:			26			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5324.2835			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	96.8	10	1036	1513	666465
2	3	92	10	1894	1451	907252
3	2	81.5	10	1721	-	153388
4	1	56.3	10	-	-	395984
5	3	90.2	10	1082	1112	636838
6	1	64.8	10	-	-	880264
7	2	67.5	10	1307	-	123649
8	2	81.1	10	1785	-	365496
9	2	80.5	10	1098	-	607519
10	2	80.4	10	1677	-	848850
11	1	63.1	10	-	-	93986
12	3	88.8	10	1757	1160	335162
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DFS Radar Parameters
FCC Radar Type 5

Channel 62 Bandwidth 40MHz

Trial Number:			27			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5321.0835			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	90.4	18	1032	1324	383633
2	3	90.7	18	1414	1180	544470
3	1	53.2	18	-	-	42735
4	2	75.4	18	1364	-	203734
5	3	94.3	18	1100	1035	364436
6	3	98.7	18	1658	1281	524414
7	1	55.8	18	-	-	22883
8	1	65.4	18	-	-	184319
9	1	56.4	18	-	-	345529
10	1	64.6	18	-	-	506741
11	2	74.7	18	1713	-	3006
12	1	64.6	18	-	-	164283
13	2	74	18	1540	-	325125
14	2	80.8	18	1417	-	486209
15	3	88.7	18	1863	1599	644488
16	1	56.9	18	-	-	144442
17	2	75.1	18	1365	-	305231
18	2	66.7	18	1163	-	466587
19						
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Trial Number:			28			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5323.4835			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.1	12	1907	1587	866982
2	3	91.2	12	1355	1173	172138
3	2	70.3	12	1572	-	395584
4	2	80	12	1518	-	618741
5	3	96.5	12	1675	1778	840287
6	2	77.6	12	1718	-	144770
7	1	65	12	-	-	368469
8	3	88.3	12	1638	1899	590151
9	2	80.7	12	1297	-	814477
10	2	66.9	12	1873	-	117283
11	3	90.9	12	1716	1579	339837
12	2	76.2	12	1770	-	563316
13	1	60.6	12	-	-	788278
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DFS Radar Parameters
FCC Radar Type 5

Channel 62 Bandwidth 40MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5320.2835			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56.6	20	-	-	58469
2	2	78.2	20	1631	-	203037
3	2	66.9	20	1390	-	347847
4	1	65.5	20	-	-	493565
5	2	73.2	20	1092	-	40528
6	3	87.6	20	1879	1649	184786
7	1	50.6	20	-	-	330838
8	2	75.9	20	1739	-	474378
9	1	58.1	20	-	-	22713
10	2	72.9	20	1897	-	167388
11	2	77.6	20	1407	-	312389
12	1	65.4	20	-	-	458232
13	2	82.2	20	1490	-	4817
14	2	67.2	20	1442	-	149729
15	2	66.9	20	1694	-	294337
16	2	82.3	20	1253	-	439075
17	1	59.4	20	-	-	585846
18	2	76.1	20	1621	-	131677
19	1	60.5	20	-	-	277248
20	1	56	20	-	-	422505

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5320.2835			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.8	20	-	-	567246
2	2	82.3	20	1102	-	114080
3	2	72	20	1377	-	258761
4	2	68.5	20	1612	-	403448
5	1	60.4	20	-	-	550025
6	3	94.3	20	1131	1957	95891
7	2	75.6	20	1448	-	240780
8	1	60.4	20	-	-	386781
9	1	56	20	-	-	531810
10	2	67.9	20	1565	-	78214
11	3	89	20	1319	1941	222525
12	2	74.5	20	1184	-	368138
13	2	80.2	20	1562	-	512817
14	1	53.9	20	-	-	60559
15	2	68.1	20	1373	-	205239
16	3	86.4	20	1168	1877	348862
17	1	57.1	20	-	-	496414
18	1	65.2	20	-	-	42708
19	1	65.5	20	-	-	187782
20	2	69.4	20	1904	-	331848

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	7	1567.40	638	Yes
2	15	1253.13	798	Yes
3	14	1285.35	778	Yes
4	17	1193.32	838	Yes
5	12	326.16	3066	Yes
6	16	1222.49	818	Yes
7	19	1138.95	878	Yes
8	13	1319.26	758	Yes
9	21	1089.32	918	Yes
10	5	1672.24	598	Yes
11	4	1730.10	578	Yes
12	2	1858.74	538	Yes
13	3	1792.11	558	Yes
14	10	1432.66	698	Yes
15	1	1930.50	518	Yes
16		349.77	2859	Yes
17		479.85	2084	Yes
18		593.47	1685	Yes
19		820.34	1219	Yes
20		330.03	3030	Yes
21		524.66	1906	Yes
22		537.35	1861	Yes
23		371.20	2694	Yes
24		894.45	1118	Yes
25		331.67	3015	Yes
26		471.92	2119	Yes
27		353.48	2829	Yes
28		580.72	1722	Yes
29		997.01	1003	Yes
30		384.62	2600	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	29	1.90	159	Yes
2	29	3.60	174	Yes
3	28	2.20	169	Yes
4	24	4.20	162	Yes
5	26	4.00	154	Yes
6	29	1.00	182	Yes
7	27	3.70	205	Yes
8	25	1.60	224	Yes
9	27	4.70	178	Yes
10	24	4.50	180	Yes
11	29	3.30	195	Yes
12	23	3.30	215	Yes
13	29	4.90	182	Yes
14	27	3.30	192	Yes
15	23	3.50	198	Yes
16	27	3.40	227	Yes
17	29	1.30	229	Yes
18	26	4.10	193	Yes
19	27	1.70	199	Yes
20	27	4.50	204	Yes
21	28	1.60	152	Yes
22	29	4.80	150	Yes
23	29	2.20	178	Yes
24	26	4.40	193	Yes
25	28	2.80	207	Yes
26	25	2.50	222	Yes
27	28	3.00	179	Yes
28	23	4.20	201	Yes
29	27	4.60	154	Yes
30	28	3.50	170	No

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	6.80	355	Yes
2	17	9.10	475	Yes
3	17	9.60	297	Yes
4	16	10.00	440	Yes
5	18	6.40	468	Yes
6	18	6.30	251	Yes
7	17	8.00	476	Yes
8	18	9.10	404	No
9	17	8.80	422	Yes
10	18	9.10	319	Yes
11	17	6.60	266	Yes
12	17	6.10	389	Yes
13	17	7.90	370	No
14	18	9.90	403	Yes
15	18	9.00	482	Yes
16	18	9.70	367	Yes
17	17	8.40	438	No
18	17	7.80	468	Yes
19	18	9.10	372	Yes
20	18	6.50	479	No
21	17	9.60	349	Yes
22	18	6.70	300	Yes
23	18	9.40	455	Yes
24	18	7.90	271	Yes
25	17	9.00	396	No
26	16	6.10	365	Yes
27	18	6.70	400	Yes
28	18	7.30	388	Yes
29	17	8.90	446	Yes
30	16	6.20	264	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	12	13.10	446	Yes
2	15	11.30	496	Yes
3	13	17.50	357	No
4	12	17.60	253	Yes
5	14	14.50	399	Yes
6	15	12.20	325	Yes
7	14	15.10	304	Yes
8	15	12.90	457	Yes
9	16	15.40	254	Yes
10	16	15.70	329	No
11	14	15.90	429	No
12	14	11.40	352	Yes
13	15	20.00	396	No
14	13	12.80	253	Yes
15	14	17.90	295	Yes
16	15	13.70	444	Yes
17	12	14.40	392	Yes
18	15	14.80	352	Yes
19	12	14.30	329	No
20	12	18.40	312	Yes
21	13	12.30	412	Yes
22	12	15.30	466	Yes
23	16	18.80	388	Yes
24	15	13.70	379	Yes
25	12	18.40	493	Yes
26	16	18.40	258	No
27	13	15.80	447	Yes
28	16	14.70	325	Yes
29	14	11.40	468	No
30	14	15.30	389	Yes

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	81.5	15	1423	-	651434
2	1	56.6	15	-	-	86064
3	1	59.4	15	-	-	267778
4	3	90.4	15	1946	1582	447216
5	1	51.5	15	-	-	630981
6	3	87.5	15	1885	1828	63426
7	3	91.4	15	1994	1272	244072
8	1	62.7	15	-	-	426552
9	1	66.4	15	-	-	608510
10	1	52.9	15	-	-	41356
11	3	84.8	15	1045	1988	221885
12	2	77	15	1280	-	403628
13	2	70.4	15	1827	-	584620
14	2	69.9	15	1202	-	18967
15	3	96.9	15	1688	1641	199642
16	1	62.8	15	-	-	382188
17						
18						
19						
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.7	7	1858	-	1001645
2	3	96.9	7	1796	1223	1322562
3	3	94.8	7	1208	1618	316248
4	3	93.6	7	1043	2000	638807
5	3	96	7	1492	1178	961202
6	2	69.8	7	1271	-	1284978
7	2	77	7	1538	-	276835
8	2	83.2	7	1706	-	599511
9	1	61.3	7	-	-	922994
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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:			10			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68.2	8	1640	-	1119536
2	3	91	8	1030	1681	213227
3	2	71.9	8	1720	-	503733
4	3	97.8	8	1758	1190	792803
5	3	99.9	8	1972	1306	1082343
6	1	58.2	8	-	-	177913
7	2	80.4	8	1311	-	468207
8	3	91.4	8	1085	1002	757674
9	1	63.2	8	-	-	1050117
10	1	60.7	8	-	-	142086
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.6	17	-	-	240335
2	2	68.3	17	1483	-	400624
3	1	50.1	17	-	-	563170
4	3	99	17	1104	1823	58723
5	2	69.3	17	1765	-	219845
6	3	94	17	1819	1511	379434
7	2	73.6	17	1766	-	541561
8	3	90.1	17	1619	1302	38927
9	3	87.4	17	1218	1598	199616
10	2	80	17	1126	-	361233
11	1	59.2	17	-	-	523090
12	1	65.9	17	-	-	19222
13	2	69.4	17	1125	-	180149
14	1	61.6	17	-	-	341637
15	1	56.3	17	-	-	503415
16	1	52.5	17	-	-	664176
17	2	75	17	1549	-	160409
18	1	56.9	17	-	-	321846
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			5			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	70.9	5	1073	-	1087995
2	3	87.3	5	1157	1489	1449623
3	1	61.7	5	-	-	317131
4	2	79.7	5	1371	-	680051
5	2	76.2	5	1659	-	1042670
6	2	79	5	1426	-	1406353
7	2	83.3	5	1701	-	272215
8	3	96.6	5	1200	1362	634702
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Trial Number:			6			Detection
Number of Bursts in Trial:			17			(Yes/No)
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	69.5	16	1063	-	469287
2	1	65	16	-	-	640322
3	1	66.6	16	-	-	106960
4	3	94.7	16	1013	1893	276668
5	1	54.3	16	-	-	448947
6	3	85.7	16	1291	1039	617835
7	1	57.2	16	-	-	85939
8	1	59.1	16	-	-	256694
9	2	83.2	16	1215	-	427109
10	3	94.5	16	1966	1697	595777
11	2	78.5	16	1731	-	64794
12	3	97.9	16	1862	1008	234679
13	2	75.4	16	1166	-	405882
14	3	99.7	16	1521	1111	575039
15	2	72.3	16	1440	-	43832
16	2	79.7	16	1022	-	214352
17	3	89.7	16	1536	1384	384038
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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:			18			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.5	9	-	-	169394
2	2	73.5	9	1975	-	432943
3	3	92.7	9	1605	1434	695626
4	2	75.6	9	1953	-	960259
5	2	73.6	9	1453	-	136677
6	1	58.6	9	-	-	401033
7	1	60.3	9	-	-	665459
8	2	78.4	9	1227	-	928858
9	1	61.9	9	-	-	104313
10	2	74	9	1748	-	367913
11	2	77.1	9	1427	-	631651
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.5	9	-	-	169394
2	2	73.5	9	1975	-	432943
3	3	92.7	9	1605	1434	695626
4	2	75.6	9	1953	-	960259
5	2	73.6	9	1453	-	136677
6	1	58.6	9	-	-	401033
7	1	60.3	9	-	-	665459
8	2	78.4	9	1227	-	928858
9	1	61.9	9	-	-	104313
10	2	74	9	1748	-	367913
11	2	77.1	9	1427	-	631651
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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:			12			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	81.6	10	1239	-	821247
2	2	71.2	10	1486	-	65692
3	1	65	10	-	-	308076
4	2	82	10	1461	-	549265
5	3	90.1	10	1172	1358	790281
6	2	73	10	1282	-	35898
7	2	76.9	10	1779	-	277567
8	2	81	10	1046	-	519855
9	2	75	10	1901	-	761057
10	1	59.1	10	-	-	6102
11	2	73.7	10	1976	-	247769
12	2	69.2	10	1174	-	489795
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	61.4	5	-	-	1099762
2	2	81	5	1256	-	1461908
3	1	65.1	5	-	-	327759
4	2	81.4	5	1895	-	690344
5	1	60	5	-	-	1054482
6	3	99.3	5	1323	1181	1415442
7	1	52.3	5	-	-	283024
8	1	57.3	5	-	-	646651
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5498.129			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.2	16	1388	-	473462
2	1	52.6	16	-	-	645237
3	2	75.1	16	1012	-	111848
4	1	63.8	16	-	-	282937
5	1	56.2	16	-	-	453596
6	3	97	16	1764	1762	621407
7	2	77.7	16	1574	-	90805
8	2	78.6	16	1980	-	261066
9	3	93.7	16	1339	1359	431240
10	1	61.2	16	-	-	603271
11	2	81.9	16	1235	-	69814
12	2	79.4	16	1978	-	240027
13	2	73.3	16	1017	-	411016
14	1	56.1	16	-	-	582393
15	3	91.9	16	1292	1714	48702
16	3	99.3	16	1903	1456	218631
17	1	60.9	16	-	-	390466
18						
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5496.929			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	67.1	67.1	1826	-	634722
2	3	94	94	1510	1203	31466
3	2	69.2	69.2	1689	-	224871
4	3	94.3	94.3	1945	1449	416980
5	3	84.7	84.7	1860	1376	610423
6	3	97.8	97.8	1506	1472	7673
7	1	65.3	65.3	-	-	201259
8	3	84.9	84.9	1463	1514	393362
9	1	54.2	54.2	-	-	588974
10	2	81.2	81.2	1814	-	780371
11	3	94.7	94.7	1628	1913	176700
12	1	58.4	58.4	-	-	370952
13	2	77.3	77.3	1042	-	564373
14	1	50.2	50.2	-	-	758199
15	2	79.2	79.2	1830	-	153257
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DFS Radar Parameters
FCC Radar Type 5

Channel 102 Bandwidth 40MHz

Trial Number:			13			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5496.129			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59.6	11	-	-	400952
2	2	66.7	11	1097	-	623493
3	3	94.9	11	1533	1313	845667
4	2	78.9	11	1964	-	149567
5	3	96.1	11	1613	1691	371931
6	1	51.1	11	-	-	596996
7	2	75.7	11	1254	-	818968
8	3	93.1	11	1421	1151	121884
9	3	95.3	11	1501	1535	344574
10	3	98.3	11	1087	1396	567851
11	3	87.3	11	1428	1361	790415
12	1	63.7	11	-	-	94753
13	2	77.3	11	1443	-	317907
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Trial Number:			14			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5496.129			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	94.3	11	1397	1666	539991
2	3	95.9	11	1836	1037	762654
3	1	55.2	11	-	-	67183
4	3	89.1	11	1519	1948	289608
5	1	65.9	11	-	-	514183
6	2	70.5	11	1429	-	736561
7	3	93	11	1584	1228	39562
8	1	55.2	11	-	-	263209
9	2	83.2	11	1589	-	485697
10	1	63	11	-	-	709835
11	3	97.6	11	1740	1915	12109
12	1	54.8	11	-	-	235657
13	1	59.8	11	-	-	459219
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DFS Radar Parameters
FCC Radar Type 5

Channel 102 Bandwidth 40MHz

Trial Number:			15			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5499.329			Yes
Burst	Number of Pulses	Pulse 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	19	1312	-	442531
2	1	51.9	19	-	-	588890
3	1	65.7	19	-	-	135103
4	2	83.1	19	1564	-	279356
5	2	70.2	19	1815	-	424393
6	1	66.4	19	-	-	570354
7	1	61	19	-	-	117275
8	1	52.6	19	-	-	262631
9	2	69.8	19	1353	-	406579
10	1	56.6	19	-	-	552947
11	1	61.3	19	-	-	99418
12	1	62.9	19	-	-	244377
13	1	53.1	19	-	-	389721
14	1	59.7	19	-	-	534560
15	3	91.4	19	1330	1455	81195
16	1	50.9	19	-	-	226748
17	2	73.9	19	1072	-	370910
18	3	96.1	19	1058	1432	514693
19	3	97.5	19	1951	1140	63281
20	3	84	19	1788	1655	207729

Trial Number:			16			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5495.329			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88	9	1275	1669	642709
2	3	90.6	9	1090	1943	906233
3	1	58.4	9	-	-	83345
4	2	76	9	1217	-	347140
5	1	55.5	9	-	-	611573
6	3	92.6	9	1444	1231	873958
7	1	56.8	9	-	-	50743
8	1	57.3	9	-	-	315041
9	2	74	9	1329	-	578482
10	2	76.5	9	1278	-	842259
11	1	53.6	9	-	-	18212
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DFS Radar Parameters
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Channel 102 Bandwidth 40MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5497.329			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	97.4	14	1918	1242	206132
2	2	74.1	14	1124	-	399941
3	3	86.3	14	1744	1987	591358
4	2	72.2	14	1991	-	785976
5	2	73.8	14	1243	-	182774
6	2	77.3	14	1182	-	376360
7	1	62.2	14	-	-	570479
8	2	78.1	14	1068	-	762782
9	2	70.9	14	1055	-	159151
10	1	52.7	14	-	-	352842
11	2	74.6	14	1132	-	545925
12	2	74.4	14	1522	-	739007
13	3	89.2	14	1783	1773	134773
14	3	94	14	1454	1746	327597
15	2	76.1	14	1117	-	522129
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5499.329			Yes
Burst	Number of Pulses	Pulse 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	19	-	-	537334
2	1	60.7	19	-	-	83576
3	1	51.5	19	-	-	228612
4	1	54.3	19	-	-	374161
5	1	59.3	19	-	-	519252
6	2	67	19	1891	-	65540
7	1	50	19	-	-	211039
8	2	70.8	19	1756	-	354895
9	2	71.9	19	1236	-	500494
10	3	88.4	19	1709	1401	47656
11	3	93.6	19	1866	1704	191886
12	3	89.8	19	1660	1345	336442
13	2	77.5	19	1050	-	482467
14	2	77.6	19	1633	-	29912
15	1	59.6	19	-	-	175295
16	1	53.7	19	-	-	320218
17	2	78.7	19	1286	-	464447
18	3	93.4	19	1603	1093	12081
19	1	53	19	-	-	157273
20	1	63.9	19	-	-	302456

DFS Radar Parameters
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Channel 102 Bandwidth 40MHz

Trial Number:			19			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5499.329			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.9	19	1077.000	1927.000	468849
2	2	66.9	19	1007.000	-	622576
3	3	87.5	19	1861.000	1844.000	145865
4	2	67.6	19	1917.000	-	298534
5	2	73.6	19	1575.000	-	451238
6	1	61.6	19	-	-	605133
7	2	67.9	19	1096.000	-	127680
8	2	76.5	19	1807.000	-	279719
9	2	81.3	19	1316.000	-	432614
10	1	63.3	19	-	-	586031
11	1	66.2	19	-	-	109157
12	2	69.2	19	1864.000	-	261298
13	2	82	19	1206.000	-	413964
14	2	79.4	19	1409.000	-	565838
15	2	79.8	19	1119.000	-	90144
16	3	96.1	19	1898.000	1928.000	241469
17	1	55.7	19	-	-	395671
18	2	69.6	19	1263.000	-	547573
19	2	67.1	19	1457.000	-	71277
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Trial Number:			20			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5498.929			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.7	18	1936	1356	223096
2	3	97.3	18	1962	1818	374691
3	1	53.3	18	-	-	530125
4	1	64.3	18	-	-	52628
5	3	83.9	18	1728	1498	204541
6	2	80.3	18	1107	-	357780
7	3	87.5	18	1392	1504	509094
8	3	84.8	18	1883	1199	33668
9	1	50.4	18	-	-	186602
10	1	61.3	18	-	-	339251
11	3	99.1	18	1930	1940	489314
12	3	96	18	1028	1317	14926
13	2	81	18	1679	-	167441
14	3	86.2	18	1156	1674	319123
15	2	80	18	1738	-	471778
16	3	87.3	18	1793	1643	622423
17	3	95.9	18	1684	1958	148154
18	2	73.2	18	1644	-	300996
19	3	83.9	18	1258	1566	452686
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DFS Radar Parameters
FCC Radar Type 5

Channel 102 Bandwidth 40MHz

Trial Number:			21			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5520.671			Yes
Burst	Number of Pulses	Pulse 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	19	1805	-	605366
2	3	97.7	19	1066	1997	129425
3	3	99.2	19	1932	1010	281870
4	2	73.6	19	1821	-	434635
5	3	89.6	19	1803	1147	585935
6	1	58.5	19	-	-	111399
7	2	72.1	19	1437	-	263511
8	2	74.3	19	1878	-	416050
9	1	57.7	19	-	-	569914
10	3	98.1	19	1205	1333	92166
11	3	97.9	19	1652	1541	243981
12	1	63.5	19	-	-	398002
13	3	98	19	1259	1474	548948
14	1	59	19	-	-	73727
15	2	76.2	19	1341	-	225933
16	1	66.3	19	-	-	379183
17	2	66.7	19	1081	-	531551
18	3	85.6	19	1937	1703	54561
19	1	52.5	19	-	-	207524
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Trial Number:			22			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5523.871			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	53.6	11	-	-	527111
2	3	87.4	11	1811	1571	748220
3	3	86.1	11	1889	1627	52536
4	2	76.9	11	1265	-	275793
5	2	67.4	11	1304	-	499242
6	1	65.2	11	-	-	723224
7	2	82.2	11	1593	-	25150
8	2	67.4	11	1880	-	248119
9	3	85.2	11	1262	1257	470850
10	2	83	11	1368	-	694924
11	1	52	11	-	-	918863
12	3	92.2	11	1122	1493	220427
13	3	84	11	1285	1842	443093
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DFS Radar Parameters
FCC Radar Type 5

Channel 102 Bandwidth 40MHz

Trial Number:			23			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5523.071			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	72.8	13	1169	-	577891
2	2	71.9	13	1009	-	771615
3	3	88.9	13	1912	1782	167040
4	2	69.5	13	1300	-	361055
5	3	87.6	13	1247	1557	553081
6	2	73.7	13	1276	-	747367
7	1	63.7	13	-	-	143957
8	1	55.8	13	-	-	337706
9	1	61.7	13	-	-	530939
10	1	55.9	13	-	-	725290
11	2	79.8	13	1569	-	119841
12	3	86.7	13	1606	1149	312671
13	1	52.6	13	-	-	507371
14	3	97.8	13	1856	1955	697324
15	1	51.1	13	-	-	96192
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Trial Number:			24			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5522.271			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.9	15	1992	1413	270654
2	1	54.8	15	-	-	453382
3	2	69.9	15	1452	-	633360
4	1	63.3	15	-	-	67811
5	1	51.7	15	-	-	249474
6	3	93.3	15	1843	1114	428985
7	2	69.6	15	1926	-	610474
8	3	96.5	15	1207	1334	45285
9	3	94.6	15	1636	1795	226025
10	2	70.8	15	1654	-	407487
11	2	81.7	15	1277	-	588874
12	1	58.3	15	-	-	23104
13	1	57.3	15	-	-	204633
14	3	91.2	15	1534	1550	384355
15	3	87	15	1665	1150	565401
16	3	91.4	15	1099	1337	742
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DFS Radar Parameters
FCC Radar Type 5

Channel 102 Bandwidth 40MHz

Trial Number:			25			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5525.071			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	55.7	8	-	-	291795
2	1	55.9	8	-	-	582369
3	1	63.9	8	-	-	873344
4	3	90.8	8	1724	1775	1160383
5	2	76	8	1197	-	255819
6	2	70.2	8	1283	-	546044
7	1	56.7	8	-	-	837723
8	2	78.8	8	1467	-	1126786
9	3	93	8	1478	1314	219729
10	2	71.8	8	1080	-	510402
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Trial Number:			26			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5524.271			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	96.8	10	1036	1513	666465
2	3	92	10	1894	1451	907252
3	2	81.5	10	1721	-	153388
4	1	56.3	10	-	-	395984
5	3	90.2	10	1082	1112	636838
6	1	64.8	10	-	-	880264
7	2	67.5	10	1307	-	123649
8	2	81.1	10	1785	-	365496
9	2	80.5	10	1098	-	607519
10	2	80.4	10	1677	-	848850
11	1	63.1	10	-	-	93986
12	3	88.8	10	1757	1160	335162
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DFS Radar Parameters
FCC Radar Type 5

Channel 102 Bandwidth 40MHz

Trial Number:			27			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5521.071			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	90.4	18	1032	1324	383633
2	3	90.7	18	1414	1180	544470
3	1	53.2	18	-	-	42735
4	2	75.4	18	1364	-	203734
5	3	94.3	18	1100	1035	364436
6	3	98.7	18	1658	1281	524414
7	1	55.8	18	-	-	22883
8	1	65.4	18	-	-	184319
9	1	56.4	18	-	-	345529
10	1	64.6	18	-	-	506741
11	2	74.7	18	1713	-	3006
12	1	64.6	18	-	-	164283
13	2	74	18	1540	-	325125
14	2	80.8	18	1417	-	486209
15	3	88.7	18	1863	1599	644488
16	1	56.9	18	-	-	144442
17	2	75.1	18	1365	-	305231
18	2	66.7	18	1163	-	466587
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Trial Number:			28			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5523.471			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.1	12	1907	1587	866982
2	3	91.2	12	1355	1173	172138
3	2	70.3	12	1572	-	395584
4	2	80	12	1518	-	618741
5	3	96.5	12	1675	1778	840287
6	2	77.6	12	1718	-	144770
7	1	65	12	-	-	368469
8	3	88.3	12	1638	1899	590151
9	2	80.7	12	1297	-	814477
10	2	66.9	12	1873	-	117283
11	3	90.9	12	1716	1579	339837
12	2	76.2	12	1770	-	563316
13	1	60.6	12	-	-	788278
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DFS Radar Parameters
FCC Radar Type 5

Channel 102 Bandwidth 40MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5520.271			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56.6	20	-	-	58469
2	2	78.2	20	1631	-	203037
3	2	66.9	20	1390	-	347847
4	1	65.5	20	-	-	493565
5	2	73.2	20	1092	-	40528
6	3	87.6	20	1879	1649	184786
7	1	50.6	20	-	-	330838
8	2	75.9	20	1739	-	474378
9	1	58.1	20	-	-	22713
10	2	72.9	20	1897	-	167388
11	2	77.6	20	1407	-	312389
12	1	65.4	20	-	-	458232
13	2	82.2	20	1490	-	4817
14	2	67.2	20	1442	-	149729
15	2	66.9	20	1694	-	294337
16	2	82.3	20	1253	-	439075
17	1	59.4	20	-	-	585846
18	2	76.1	20	1621	-	131677
19	1	60.5	20	-	-	277248
20	1	56	20	-	-	422505

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5520.271			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.8	20	-	-	567246
2	2	82.3	20	1102	-	114080
3	2	72	20	1377	-	258761
4	2	68.5	20	1612	-	403448
5	1	60.4	20	-	-	550025
6	3	94.3	20	1131	1957	95891
7	2	75.6	20	1448	-	240780
8	1	60.4	20	-	-	386781
9	1	56	20	-	-	531810
10	2	67.9	20	1565	-	78214
11	3	89	20	1319	1941	222525
12	2	74.5	20	1184	-	368138
13	2	80.2	20	1562	-	512817
14	1	53.9	20	-	-	60559
15	2	68.1	20	1373	-	205239
16	3	86.4	20	1168	1877	348862
17	1	57.1	20	-	-	496414
18	1	65.2	20	-	-	42708
19	1	65.5	20	-	-	187782
20	2	69.4	20	1904	-	331848

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	5	1672.24	598	Yes
2	17	1193.32	838	Yes
3	12	326.16	3066	No
4	20	1113.59	898	Yes
5	6	1618.12	618	Yes
6	9	1474.93	678	Yes
7	18	1165.50	858	Yes
8	13	1319.26	758	Yes
9	7	1567.40	638	Yes
10	1	1930.50	518	Yes
11	10	1432.66	698	Yes
12	8	1519.76	658	Yes
13	14	1285.35	778	Yes
14	11	1392.76	718	Yes
15	4	1730.10	578	Yes
16		397.46	2516	Yes
17		884.96	1130	Yes
18		853.97	1171	Yes
19		399.36	2504	Yes
20		498.01	2008	Yes
21		613.50	1630	Yes
22		389.41	2568	Yes
23		942.51	1061	Yes
24		615.01	1626	Yes
25		409.17	2444	Yes
26		853.97	1171	Yes
27		659.63	1516	Yes
28		823.72	1214	Yes
29		388.65	2573	Yes
30		404.69	2471	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	24	2.80	166	Yes
2	28	4.90	192	No
3	25	3.40	152	Yes
4	24	1.20	170	Yes
5	26	1.00	156	Yes
6	24	2.60	223	Yes
7	24	1.40	194	Yes
8	24	1.20	221	Yes
9	26	1.50	180	Yes
10	27	4.50	196	No
11	23	4.70	216	Yes
12	23	1.80	160	Yes
13	27	3.90	155	No
14	26	1.20	197	Yes
15	26	3.60	199	Yes
16	24	2.10	228	Yes
17	27	4.20	159	No
18	29	1.60	192	Yes
19	29	4.20	226	Yes
20	26	4.00	205	No
21	27	2.30	158	Yes
22	26	2.90	156	Yes
23	25	3.50	197	Yes
24	25	3.10	191	Yes
25	28	2.30	205	Yes
26	26	1.90	155	Yes
27	29	2.90	163	No
28	29	4.50	164	Yes
29	23	2.10	190	Yes
30	27	4.70	160	Yes

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	9.60	487	Yes
2	18	8.80	312	Yes
3	18	7.30	351	Yes
4	18	9.00	414	Yes
5	18	7.40	409	Yes
6	18	9.20	258	Yes
7	17	6.20	336	Yes
8	18	8.30	469	Yes
9	16	9.40	484	Yes
10	17	7.70	325	No
11	16	6.00	392	Yes
12	18	6.70	275	Yes
13	17	9.10	415	No
14	16	9.60	272	Yes
15	18	6.00	445	Yes
16	18	9.00	389	No
17	18	6.40	373	Yes
18	16	6.40	301	Yes
19	16	6.70	483	Yes
20	16	8.10	415	Yes
21	18	9.50	316	Yes
22	16	6.30	470	Yes
23	18	8.00	486	Yes
24	17	9.90	350	Yes
25	16	8.40	443	Yes
26	17	7.90	330	Yes
27	18	6.10	416	Yes
28	17	6.00	358	Yes
29	18	9.70	368	Yes
30	17	8.80	282	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	12	16.50	253	Yes
2	12	12.30	314	Yes
3	15	12.80	296	Yes
4	16	14.30	343	Yes
5	14	12.10	491	Yes
6	12	18.70	293	Yes
7	14	17.80	457	Yes
8	14	18.80	494	Yes
9	16	12.90	352	Yes
10	14	19.10	414	Yes
11	14	16.50	296	Yes
12	12	12.30	311	Yes
13	14	18.30	301	Yes
14	14	13.30	309	Yes
15	16	19.60	472	Yes
16	12	12.70	452	Yes
17	12	20.00	440	Yes
18	16	18.20	330	No
19	16	17.10	312	Yes
20	12	16.30	412	Yes
21	12	18.20	259	Yes
22	14	12.40	325	Yes
23	12	11.10	378	Yes
24	16	18.80	351	Yes
25	15	13.30	465	Yes
26	14	12.20	491	Yes
27	16	15.90	348	Yes
28	12	14.10	275	No
29	14	17.80	361	Yes
30	16	11.00	386	Yes

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	81.5	15	1423	-	651434
2	1	56.6	15	-	-	86064
3	1	59.4	15	-	-	267778
4	3	90.4	15	1946	1582	447216
5	1	51.5	15	-	-	630981
6	3	87.5	15	1885	1828	63426
7	3	91.4	15	1994	1272	244072
8	1	62.7	15	-	-	426552
9	1	66.4	15	-	-	608510
10	1	52.9	15	-	-	41356
11	3	84.8	15	1045	1988	221885
12	2	77	15	1280	-	403628
13	2	70.4	15	1827	-	584620
14	2	69.9	15	1202	-	18967
15	3	96.9	15	1688	1641	199642
16	1	62.8	15	-	-	382188
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.7	7	1858	-	1001645
2	3	96.9	7	1796	1223	1322562
3	3	94.8	7	1208	1618	316248
4	3	93.6	7	1043	2000	638807
5	3	96	7	1492	1178	961202
6	2	69.8	7	1271	-	1284978
7	2	77	7	1538	-	276835
8	2	83.2	7	1706	-	599511
9	1	61.3	7	-	-	922994
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68.2	8	1640	-	1119536
2	3	91	8	1030	1681	213227
3	2	71.9	8	1720	-	503733
4	3	97.8	8	1758	1190	792803
5	3	99.9	8	1972	1306	1082343
6	1	58.2	8	-	-	177913
7	2	80.4	8	1311	-	468207
8	3	91.4	8	1085	1002	757674
9	1	63.2	8	-	-	1050117
10	1	60.7	8	-	-	142086
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.6	17	-	-	240335
2	2	68.3	17	1483	-	400624
3	1	50.1	17	-	-	563170
4	3	99	17	1104	1823	58723
5	2	69.3	17	1765	-	219845
6	3	94	17	1819	1511	379434
7	2	73.6	17	1766	-	541561
8	3	90.1	17	1619	1302	38927
9	3	87.4	17	1218	1598	199616
10	2	80	17	1126	-	361233
11	1	59.2	17	-	-	523090
12	1	65.9	17	-	-	19222
13	2	69.4	17	1125	-	180149
14	1	61.6	17	-	-	341637
15	1	56.3	17	-	-	503415
16	1	52.5	17	-	-	664176
17	2	75	17	1549	-	160409
18	1	56.9	17	-	-	321846
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DFS Radar Parameters
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Channel 58 Bandwidth 80MHz

Trial Number:			5			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	70.9	5	1073	-	1087995
2	3	87.3	5	1157	1489	1449623
3	1	61.7	5	-	-	317131
4	2	79.7	5	1371	-	680051
5	2	76.2	5	1659	-	1042670
6	2	79	5	1426	-	1406353
7	2	83.3	5	1701	-	272215
8	3	96.6	5	1200	1362	634702
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Trial Number:			6			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	69.5	16	1063	-	469287
2	1	65	16	-	-	640322
3	1	66.6	16	-	-	106960
4	3	94.7	16	1013	1893	276668
5	1	54.3	16	-	-	448947
6	3	85.7	16	1291	1039	617835
7	1	57.2	16	-	-	85939
8	1	59.1	16	-	-	256694
9	2	83.2	16	1215	-	427109
10	3	94.5	16	1966	1697	595777
11	2	78.5	16	1731	-	64794
12	3	97.9	16	1862	1008	234679
13	2	75.4	16	1166	-	405882
14	3	99.7	16	1521	1111	575039
15	2	72.3	16	1440	-	43832
16	2	79.7	16	1022	-	214352
17	3	89.7	16	1536	1384	384038
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Channel 58 Bandwidth 80MHz

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.5	9	-	-	169394
2	2	73.5	9	1975	-	432943
3	3	92.7	9	1605	1434	695626
4	2	75.6	9	1953	-	960259
5	2	73.6	9	1453	-	136677
6	1	58.6	9	-	-	401033
7	1	60.3	9	-	-	665459
8	2	78.4	9	1227	-	928858
9	1	61.9	9	-	-	104313
10	2	74	9	1748	-	367913
11	2	77.1	9	1427	-	631651
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.5	9	-	-	169394
2	2	73.5	9	1975	-	432943
3	3	92.7	9	1605	1434	695626
4	2	75.6	9	1953	-	960259
5	2	73.6	9	1453	-	136677
6	1	58.6	9	-	-	401033
7	1	60.3	9	-	-	665459
8	2	78.4	9	1227	-	928858
9	1	61.9	9	-	-	104313
10	2	74	9	1748	-	367913
11	2	77.1	9	1427	-	631651
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	81.6	10	1239	-	821247
2	2	71.2	10	1486	-	65692
3	1	65	10	-	-	308076
4	2	82	10	1461	-	549265
5	3	90.1	10	1172	1358	790281
6	2	73	10	1282	-	35898
7	2	76.9	10	1779	-	277567
8	2	81	10	1046	-	519855
9	2	75	10	1901	-	761057
10	1	59.1	10	-	-	6102
11	2	73.7	10	1976	-	247769
12	2	69.2	10	1174	-	489795
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Trial Number:			10			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	1	61.4	5	-	-	1099762
2	2	81	5	1256	-	1461908
3	1	65.1	5	-	-	327759
4	2	81.4	5	1895	-	690344
5	1	60	5	-	-	1054482
6	3	99.3	5	1323	1181	1415442
7	1	52.3	5	-	-	283024
8	1	57.3	5	-	-	646651
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5258.542			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.2	16	1388	-	473462
2	1	52.6	16	-	-	645237
3	2	75.1	16	1012	-	111848
4	1	63.8	16	-	-	282937
5	1	56.2	16	-	-	453596
6	3	97	16	1764	1762	621407
7	2	77.7	16	1574	-	90805
8	2	78.6	16	1980	-	261066
9	3	93.7	16	1339	1359	431240
10	1	61.2	16	-	-	603271
11	2	81.9	16	1235	-	69814
12	2	79.4	16	1978	-	240027
13	2	73.3	16	1017	-	411016
14	1	56.1	16	-	-	582393
15	3	91.9	16	1292	1714	48702
16	3	99.3	16	1903	1456	218631
17	1	60.9	16	-	-	390466
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5257.342			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	67.1	67.1	1826	-	634722
2	3	94	94	1510	1203	31466
3	2	69.2	69.2	1689	-	224871
4	3	94.3	94.3	1945	1449	416980
5	3	84.7	84.7	1860	1376	610423
6	3	97.8	97.8	1506	1472	7673
7	1	65.3	65.3	-	-	201259
8	3	84.9	84.9	1463	1514	393362
9	1	54.2	54.2	-	-	588974
10	2	81.2	81.2	1814	-	780371
11	3	94.7	94.7	1628	1913	176700
12	1	58.4	58.4	-	-	370952
13	2	77.3	77.3	1042	-	564373
14	1	50.2	50.2	-	-	758199
15	2	79.2	79.2	1830	-	153257
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FCC Radar Type 5

Channel 58 Bandwidth 80MHz

Trial Number:			13			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5256.542			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59.6	11	-	-	400952
2	2	66.7	11	1097	-	623493
3	3	94.9	11	1533	1313	845667
4	2	78.9	11	1964	-	149567
5	3	96.1	11	1613	1691	371931
6	1	51.1	11	-	-	596996
7	2	75.7	11	1254	-	818968
8	3	93.1	11	1421	1151	121884
9	3	95.3	11	1501	1535	344574
10	3	98.3	11	1087	1396	567851
11	3	87.3	11	1428	1361	790415
12	1	63.7	11	-	-	94753
13	2	77.3	11	1443	-	317907
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Trial Number:			14			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5256.542			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	94.3	11	1397	1666	539991
2	3	95.9	11	1836	1037	762654
3	1	55.2	11	-	-	67183
4	3	89.1	11	1519	1948	289608
5	1	65.9	11	-	-	514183
6	2	70.5	11	1429	-	736561
7	3	93	11	1584	1228	39562
8	1	55.2	11	-	-	263209
9	2	83.2	11	1589	-	485697
10	1	63	11	-	-	709835
11	3	97.6	11	1740	1915	12109
12	1	54.8	11	-	-	235657
13	1	59.8	11	-	-	459219
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DFS Radar Parameters
FCC Radar Type 5

Channel 58 Bandwidth 80MHz

Trial Number:			15			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5259.742			Yes
Burst	Number of Pulses	Pulse 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	19	1312	-	442531
2	1	51.9	19	-	-	588890
3	1	65.7	19	-	-	135103
4	2	83.1	19	1564	-	279356
5	2	70.2	19	1815	-	424393
6	1	66.4	19	-	-	570354
7	1	61	19	-	-	117275
8	1	52.6	19	-	-	262631
9	2	69.8	19	1353	-	406579
10	1	56.6	19	-	-	552947
11	1	61.3	19	-	-	99418
12	1	62.9	19	-	-	244377
13	1	53.1	19	-	-	389721
14	1	59.7	19	-	-	534560
15	3	91.4	19	1330	1455	81195
16	1	50.9	19	-	-	226748
17	2	73.9	19	1072	-	370910
18	3	96.1	19	1058	1432	514693
19	3	97.5	19	1951	1140	63281
20	3	84	19	1788	1655	207729

Trial Number:			16			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5255.742			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88	9	1275	1669	642709
2	3	90.6	9	1090	1943	906233
3	1	58.4	9	-	-	83345
4	2	76	9	1217	-	347140
5	1	55.5	9	-	-	611573
6	3	92.6	9	1444	1231	873958
7	1	56.8	9	-	-	50743
8	1	57.3	9	-	-	315041
9	2	74	9	1329	-	578482
10	2	76.5	9	1278	-	842259
11	1	53.6	9	-	-	18212
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DFS Radar Parameters
FCC Radar Type 5

Channel 58 Bandwidth 80MHz

Trial Number:			17			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5257.742			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	97.4	14	1918	1242	206132
2	2	74.1	14	1124	-	399941
3	3	86.3	14	1744	1987	591358
4	2	72.2	14	1991	-	785976
5	2	73.8	14	1243	-	182774
6	2	77.3	14	1182	-	376360
7	1	62.2	14	-	-	570479
8	2	78.1	14	1068	-	762782
9	2	70.9	14	1055	-	159151
10	1	52.7	14	-	-	352842
11	2	74.6	14	1132	-	545925
12	2	74.4	14	1522	-	739007
13	3	89.2	14	1783	1773	134773
14	3	94	14	1454	1746	327597
15	2	76.1	14	1117	-	522129
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Trial Number:			18			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5259.742			Yes
Burst	Number of Pulses	Pulse 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	19	-	-	537334
2	1	60.7	19	-	-	83576
3	1	51.5	19	-	-	228612
4	1	54.3	19	-	-	374161
5	1	59.3	19	-	-	519252
6	2	67	19	1891	-	65540
7	1	50	19	-	-	211039
8	2	70.8	19	1756	-	354895
9	2	71.9	19	1236	-	500494
10	3	88.4	19	1709	1401	47656
11	3	93.6	19	1866	1704	191886
12	3	89.8	19	1660	1345	336442
13	2	77.5	19	1050	-	482467
14	2	77.6	19	1633	-	29912
15	1	59.6	19	-	-	175295
16	1	53.7	19	-	-	320218
17	2	78.7	19	1286	-	464447
18	3	93.4	19	1603	1093	12081
19	1	53	19	-	-	157273
20	1	63.9	19	-	-	302456

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Trial Number:			19			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5259.742			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.9	19	1077.000	1927.000	468849
2	2	66.9	19	1007.000	-	622576
3	3	87.5	19	1861.000	1844.000	145865
4	2	67.6	19	1917.000	-	298534
5	2	73.6	19	1575.000	-	451238
6	1	61.6	19	-	-	605133
7	2	67.9	19	1096.000	-	127680
8	2	76.5	19	1807.000	-	279719
9	2	81.3	19	1316.000	-	432614
10	1	63.3	19	-	-	586031
11	1	66.2	19	-	-	109157
12	2	69.2	19	1864.000	-	261298
13	2	82	19	1206.000	-	413964
14	2	79.4	19	1409.000	-	565838
15	2	79.8	19	1119.000	-	90144
16	3	96.1	19	1898.000	1928.000	241469
17	1	55.7	19	-	-	395671
18	2	69.6	19	1263.000	-	547573
19	2	67.1	19	1457.000	-	71277
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Trial Number:			20			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5259.342			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.7	18	1936	1356	223096
2	3	97.3	18	1962	1818	374691
3	1	53.3	18	-	-	530125
4	1	64.3	18	-	-	52628
5	3	83.9	18	1728	1498	204541
6	2	80.3	18	1107	-	357780
7	3	87.5	18	1392	1504	509094
8	3	84.8	18	1883	1199	33668
9	1	50.4	18	-	-	186602
10	1	61.3	18	-	-	339251
11	3	99.1	18	1930	1940	489314
12	3	96	18	1028	1317	14926
13	2	81	18	1679	-	167441
14	3	86.2	18	1156	1674	319123
15	2	80	18	1738	-	471778
16	3	87.3	18	1793	1643	622423
17	3	95.9	18	1684	1958	148154
18	2	73.2	18	1644	-	300996
19	3	83.9	18	1258	1566	452686
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Channel 58 Bandwidth 80MHz

Trial Number:			21			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5320.258			Yes
Burst	Number of Pulses	Pulse 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	19	1805	-	605366
2	3	97.7	19	1066	1997	129425
3	3	99.2	19	1932	1010	281870
4	2	73.6	19	1821	-	434635
5	3	89.6	19	1803	1147	585935
6	1	58.5	19	-	-	111399
7	2	72.1	19	1437	-	263511
8	2	74.3	19	1878	-	416050
9	1	57.7	19	-	-	569914
10	3	98.1	19	1205	1333	92166
11	3	97.9	19	1652	1541	243981
12	1	63.5	19	-	-	398002
13	3	98	19	1259	1474	548948
14	1	59	19	-	-	73727
15	2	76.2	19	1341	-	225933
16	1	66.3	19	-	-	379183
17	2	66.7	19	1081	-	531551
18	3	85.6	19	1937	1703	54561
19	1	52.5	19	-	-	207524
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Trial Number:			22			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5323.458			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	53.6	11	-	-	527111
2	3	87.4	11	1811	1571	748220
3	3	86.1	11	1889	1627	52536
4	2	76.9	11	1265	-	275793
5	2	67.4	11	1304	-	499242
6	1	65.2	11	-	-	723224
7	2	82.2	11	1593	-	25150
8	2	67.4	11	1880	-	248119
9	3	85.2	11	1262	1257	470850
10	2	83	11	1368	-	694924
11	1	52	11	-	-	918863
12	3	92.2	11	1122	1493	220427
13	3	84	11	1285	1842	443093
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5322.658			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	72.8	13	1169	-	577891
2	2	71.9	13	1009	-	771615
3	3	88.9	13	1912	1782	167040
4	2	69.5	13	1300	-	361055
5	3	87.6	13	1247	1557	553081
6	2	73.7	13	1276	-	747367
7	1	63.7	13	-	-	143957
8	1	55.8	13	-	-	337706
9	1	61.7	13	-	-	530939
10	1	55.9	13	-	-	725290
11	2	79.8	13	1569	-	119841
12	3	86.7	13	1606	1149	312671
13	1	52.6	13	-	-	507371
14	3	97.8	13	1856	1955	697324
15	1	51.1	13	-	-	96192
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5321.858			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.9	15	1992	1413	270654
2	1	54.8	15	-	-	453382
3	2	69.9	15	1452	-	633360
4	1	63.3	15	-	-	67811
5	1	51.7	15	-	-	249474
6	3	93.3	15	1843	1114	428985
7	2	69.6	15	1926	-	610474
8	3	96.5	15	1207	1334	45285
9	3	94.6	15	1636	1795	226025
10	2	70.8	15	1654	-	407487
11	2	81.7	15	1277	-	588874
12	1	58.3	15	-	-	23104
13	1	57.3	15	-	-	204633
14	3	91.2	15	1534	1550	384355
15	3	87	15	1665	1150	565401
16	3	91.4	15	1099	1337	742
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DFS Radar Parameters
FCC Radar Type 5

Channel 58 Bandwidth 80MHz

Trial Number:			25			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5324.658			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	55.7	8	-	-	291795
2	1	55.9	8	-	-	582369
3	1	63.9	8	-	-	873344
4	3	90.8	8	1724	1775	1160383
5	2	76	8	1197	-	255819
6	2	70.2	8	1283	-	546044
7	1	56.7	8	-	-	837723
8	2	78.8	8	1467	-	1126786
9	3	93	8	1478	1314	219729
10	2	71.8	8	1080	-	510402
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Trial Number:			26			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5323.858			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	96.8	10	1036	1513	666465
2	3	92	10	1894	1451	907252
3	2	81.5	10	1721	-	153388
4	1	56.3	10	-	-	395984
5	3	90.2	10	1082	1112	636838
6	1	64.8	10	-	-	880264
7	2	67.5	10	1307	-	123649
8	2	81.1	10	1785	-	365496
9	2	80.5	10	1098	-	607519
10	2	80.4	10	1677	-	848850
11	1	63.1	10	-	-	93986
12	3	88.8	10	1757	1160	335162
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DFS Radar Parameters
FCC Radar Type 5

Channel 58 Bandwidth 80MHz

Trial Number:			27			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5320.658			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.1	12	1907	1587	866982
2	3	91.2	12	1355	1173	172138
3	2	70.3	12	1572	-	395584
4	2	80	12	1518	-	618741
5	3	96.5	12	1675	1778	840287
6	2	77.6	12	1718	-	144770
7	1	65	12	-	-	368469
8	3	88.3	12	1638	1899	590151
9	2	80.7	12	1297	-	814477
10	2	66.9	12	1873	-	117283
11	3	90.9	12	1716	1579	339837
12	2	76.2	12	1770	-	563316
13	1	60.6	12	-	-	788278
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Trial Number:			28			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5323.058			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.1	12	1907	1587	866982
2	3	91.2	12	1355	1173	172138
3	2	70.3	12	1572	-	395584
4	2	80	12	1518	-	618741
5	3	96.5	12	1675	1778	840287
6	2	77.6	12	1718	-	144770
7	1	65	12	-	-	368469
8	3	88.3	12	1638	1899	590151
9	2	80.7	12	1297	-	814477
10	2	66.9	12	1873	-	117283
11	3	90.9	12	1716	1579	339837
12	2	76.2	12	1770	-	563316
13	1	60.6	12	-	-	788278
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DFS Radar Parameters
FCC Radar Type 5

Channel 58 Bandwidth 80MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5319.858			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56.6	20	-	-	58469
2	2	78.2	20	1631	-	203037
3	2	66.9	20	1390	-	347847
4	1	65.5	20	-	-	493565
5	2	73.2	20	1092	-	40528
6	3	87.6	20	1879	1649	184786
7	1	50.6	20	-	-	330838
8	2	75.9	20	1739	-	474378
9	1	58.1	20	-	-	22713
10	2	72.9	20	1897	-	167388
11	2	77.6	20	1407	-	312389
12	1	65.4	20	-	-	458232
13	2	82.2	20	1490	-	4817
14	2	67.2	20	1442	-	149729
15	2	66.9	20	1694	-	294337
16	2	82.3	20	1253	-	439075
17	1	59.4	20	-	-	585846
18	2	76.1	20	1621	-	131677
19	1	60.5	20	-	-	277248
20	1	56	20	-	-	422505

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5319.858			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.8	20	-	-	567246
2	2	82.3	20	1102	-	114080
3	2	72	20	1377	-	258761
4	2	68.5	20	1612	-	403448
5	1	60.4	20	-	-	550025
6	3	94.3	20	1131	1957	95891
7	2	75.6	20	1448	-	240780
8	1	60.4	20	-	-	386781
9	1	56	20	-	-	531810
10	2	67.9	20	1565	-	78214
11	3	89	20	1319	1941	222525
12	2	74.5	20	1184	-	368138
13	2	80.2	20	1562	-	512817
14	1	53.9	20	-	-	60559
15	2	68.1	20	1373	-	205239
16	3	86.4	20	1168	1877	348862
17	1	57.1	20	-	-	496414
18	1	65.2	20	-	-	42708
19	1	65.5	20	-	-	187782
20	2	69.4	20	1904	-	331848

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	12	326.16	3066	Yes
2	4	1730.10	578	Yes
3	9	1474.93	678	Yes
4	20	1113.59	898	Yes
5	3	1792.11	558	Yes
6	21	1089.32	918	Yes
7	18	1165.50	858	Yes
8	13	1319.26	758	Yes
9	10	1432.66	698	Yes
10	2	1858.74	538	Yes
11	12	1355.01	738	Yes
12	1	1930.50	518	Yes
13	8	1519.76	658	Yes
14	11	1392.76	718	Yes
15	6	1618.12	618	Yes
16		350.39	2854	Yes
17		584.11	1712	Yes
18		974.66	1026	Yes
19		578.37	1729	Yes
20		592.77	1687	Yes
21		1718.21	582	Yes
22		570.78	1752	Yes
23		1283.70	779	Yes
24		488.28	2048	Yes
25		472.59	2116	Yes
26		458.93	2179	Yes
27		1497.01	668	Yes
28		381.53	2621	Yes
29		408.83	2446	Yes
30		1021.45	979	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	29	3.60	189	Yes
2	28	3.30	210	No
3	27	1.50	225	No
4	25	4.40	216	Yes
5	28	2.10	203	Yes
6	25	3.90	180	Yes
7	25	1.20	179	Yes
8	26	2.00	179	Yes
9	27	3.60	210	Yes
10	24	4.20	170	Yes
11	27	5.00	161	Yes
12	27	2.10	171	Yes
13	26	2.70	193	Yes
14	26	4.30	172	Yes
15	23	1.20	183	Yes
16	24	5.00	183	Yes
17	24	1.00	179	Yes
18	28	5.00	228	No
19	28	1.90	161	Yes
20	25	4.60	175	No
21	25	1.90	226	Yes
22	27	4.70	208	Yes
23	27	4.10	203	Yes
24	24	3.70	202	Yes
25	27	2.10	227	Yes
26	28	1.00	162	Yes
27	23	1.20	187	Yes
28	24	3.00	151	Yes
29	24	1.10	164	Yes
30	24	2.60	162	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	7.20	429	Yes
2	18	9.40	461	Yes
3	17	9.70	449	Yes
4	18	6.30	450	Yes
5	16	7.00	351	Yes
6	18	7.50	462	Yes
7	18	9.80	449	Yes
8	18	8.60	395	Yes
9	17	7.30	380	Yes
10	18	6.60	282	Yes
11	16	9.90	460	Yes
12	16	9.60	359	Yes
13	16	7.10	274	No
14	18	7.30	325	Yes
15	18	7.20	496	No
16	18	9.40	430	Yes
17	17	7.50	260	Yes
18	17	8.80	326	Yes
19	16	8.00	369	Yes
20	16	9.70	415	Yes
21	18	8.00	428	Yes
22	16	7.20	262	Yes
23	18	6.40	295	Yes
24	17	6.40	455	Yes
25	16	9.40	443	Yes
26	18	6.60	279	Yes
27	16	6.60	305	No
28	17	8.10	406	Yes
29	18	7.60	444	Yes
30	17	9.00	271	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	13	17.90	265	Yes
2	14	19.80	354	No
3	13	16.60	337	Yes
4	12	11.50	290	Yes
5	14	15.40	478	Yes
6	14	19.20	447	Yes
7	13	12.00	354	No
8	16	12.30	253	Yes
9	13	12.10	403	Yes
10	16	16.80	398	Yes
11	13	14.00	462	Yes
12	14	14.00	273	No
13	13	15.00	318	Yes
14	16	11.50	349	Yes
15	12	19.10	463	Yes
16	13	14.10	310	Yes
17	16	18.20	354	Yes
18	13	17.80	363	No
19	16	14.20	288	Yes
20	12	11.50	286	Yes
21	16	13.60	411	Yes
22	12	15.90	433	No
23	12	17.10	318	Yes
24	12	18.50	488	Yes
25	16	12.50	278	Yes
26	16	17.40	367	Yes
27	12	19.00	436	Yes
28	13	11.80	328	Yes
29	13	16.00	398	Yes
30	14	18.60	288	Yes

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	81.5	15	1423	-	651434
2	1	56.6	15	-	-	86064
3	1	59.4	15	-	-	267778
4	3	90.4	15	1946	1582	447216
5	1	51.5	15	-	-	630981
6	3	87.5	15	1885	1828	63426
7	3	91.4	15	1994	1272	244072
8	1	62.7	15	-	-	426552
9	1	66.4	15	-	-	608510
10	1	52.9	15	-	-	41356
11	3	84.8	15	1045	1988	221885
12	2	77	15	1280	-	403628
13	2	70.4	15	1827	-	584620
14	2	69.9	15	1202	-	18967
15	3	96.9	15	1688	1641	199642
16	1	62.8	15	-	-	382188
17						
18						
19						
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.7	7	1858	-	1001645
2	3	96.9	7	1796	1223	1322562
3	3	94.8	7	1208	1618	316248
4	3	93.6	7	1043	2000	638807
5	3	96	7	1492	1178	961202
6	2	69.8	7	1271	-	1284978
7	2	77	7	1538	-	276835
8	2	83.2	7	1706	-	599511
9	1	61.3	7	-	-	922994
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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:			10			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68.2	8	1640	-	1119536
2	3	91	8	1030	1681	213227
3	2	71.9	8	1720	-	503733
4	3	97.8	8	1758	1190	792803
5	3	99.9	8	1972	1306	1082343
6	1	58.2	8	-	-	177913
7	2	80.4	8	1311	-	468207
8	3	91.4	8	1085	1002	757674
9	1	63.2	8	-	-	1050117
10	1	60.7	8	-	-	142086
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	63.6	17	-	-	240335
2	2	68.3	17	1483	-	400624
3	1	50.1	17	-	-	563170
4	3	99	17	1104	1823	58723
5	2	69.3	17	1765	-	219845
6	3	94	17	1819	1511	379434
7	2	73.6	17	1766	-	541561
8	3	90.1	17	1619	1302	38927
9	3	87.4	17	1218	1598	199616
10	2	80	17	1126	-	361233
11	1	59.2	17	-	-	523090
12	1	65.9	17	-	-	19222
13	2	69.4	17	1125	-	180149
14	1	61.6	17	-	-	341637
15	1	56.3	17	-	-	503415
16	1	52.5	17	-	-	664176
17	2	75	17	1549	-	160409
18	1	56.9	17	-	-	321846
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			5			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	70.9	5	1073	-	1087995
2	3	87.3	5	1157	1489	1449623
3	1	61.7	5	-	-	317131
4	2	79.7	5	1371	-	680051
5	2	76.2	5	1659	-	1042670
6	2	79	5	1426	-	1406353
7	2	83.3	5	1701	-	272215
8	3	96.6	5	1200	1362	634702
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Trial Number:			6			Detection
Number of Bursts in Trial:			17			(Yes/No)
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	69.5	16	1063	-	469287
2	1	65	16	-	-	640322
3	1	66.6	16	-	-	106960
4	3	94.7	16	1013	1893	276668
5	1	54.3	16	-	-	448947
6	3	85.7	16	1291	1039	617835
7	1	57.2	16	-	-	85939
8	1	59.1	16	-	-	256694
9	2	83.2	16	1215	-	427109
10	3	94.5	16	1966	1697	595777
11	2	78.5	16	1731	-	64794
12	3	97.9	16	1862	1008	234679
13	2	75.4	16	1166	-	405882
14	3	99.7	16	1521	1111	575039
15	2	72.3	16	1440	-	43832
16	2	79.7	16	1022	-	214352
17	3	89.7	16	1536	1384	384038
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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:			18			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.5	9	-	-	169394
2	2	73.5	9	1975	-	432943
3	3	92.7	9	1605	1434	695626
4	2	75.6	9	1953	-	960259
5	2	73.6	9	1453	-	136677
6	1	58.6	9	-	-	401033
7	1	60.3	9	-	-	665459
8	2	78.4	9	1227	-	928858
9	1	61.9	9	-	-	104313
10	2	74	9	1748	-	367913
11	2	77.1	9	1427	-	631651
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.5	9	-	-	169394
2	2	73.5	9	1975	-	432943
3	3	92.7	9	1605	1434	695626
4	2	75.6	9	1953	-	960259
5	2	73.6	9	1453	-	136677
6	1	58.6	9	-	-	401033
7	1	60.3	9	-	-	665459
8	2	78.4	9	1227	-	928858
9	1	61.9	9	-	-	104313
10	2	74	9	1748	-	367913
11	2	77.1	9	1427	-	631651
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	81.6	10	1239	-	821247
2	2	71.2	10	1486	-	65692
3	1	65	10	-	-	308076
4	2	82	10	1461	-	549265
5	3	90.1	10	1172	1358	790281
6	2	73	10	1282	-	35898
7	2	76.9	10	1779	-	277567
8	2	81	10	1046	-	519855
9	2	75	10	1901	-	761057
10	1	59.1	10	-	-	6102
11	2	73.7	10	1976	-	247769
12	2	69.2	10	1174	-	489795
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	61.4	5	-	-	1099762
2	2	81	5	1256	-	1461908
3	1	65.1	5	-	-	327759
4	2	81.4	5	1895	-	690344
5	1	60	5	-	-	1054482
6	3	99.3	5	1323	1181	1415442
7	1	52.3	5	-	-	283024
8	1	57.3	5	-	-	646651
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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:			17			
Chirp Center Frequency:			5498.881			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.2	16	1388	-	473462
2	1	52.6	16	-	-	645237
3	2	75.1	16	1012	-	111848
4	1	63.8	16	-	-	282937
5	1	56.2	16	-	-	453596
6	3	97	16	1764	1762	621407
7	2	77.7	16	1574	-	90805
8	2	78.6	16	1980	-	261066
9	3	93.7	16	1339	1359	431240
10	1	61.2	16	-	-	603271
11	2	81.9	16	1235	-	69814
12	2	79.4	16	1978	-	240027
13	2	73.3	16	1017	-	411016
14	1	56.1	16	-	-	582393
15	3	91.9	16	1292	1714	48702
16	3	99.3	16	1903	1456	218631
17	1	60.9	16	-	-	390466
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5497.681			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	67.1	67.1	1826	-	634722
2	3	94	94	1510	1203	31466
3	2	69.2	69.2	1689	-	224871
4	3	94.3	94.3	1945	1449	416980
5	3	84.7	84.7	1860	1376	610423
6	3	97.8	97.8	1506	1472	7673
7	1	65.3	65.3	-	-	201259
8	3	84.9	84.9	1463	1514	393362
9	1	54.2	54.2	-	-	588974
10	2	81.2	81.2	1814	-	780371
11	3	94.7	94.7	1628	1913	176700
12	1	58.4	58.4	-	-	370952
13	2	77.3	77.3	1042	-	564373
14	1	50.2	50.2	-	-	758199
15	2	79.2	79.2	1830	-	153257
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DFS Radar Parameters
FCC Radar Type 5

Channel 106 Bandwidth 80MHz

Trial Number:			13			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5496.881			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59.6	11	-	-	400952
2	2	66.7	11	1097	-	623493
3	3	94.9	11	1533	1313	845667
4	2	78.9	11	1964	-	149567
5	3	96.1	11	1613	1691	371931
6	1	51.1	11	-	-	596996
7	2	75.7	11	1254	-	818968
8	3	93.1	11	1421	1151	121884
9	3	95.3	11	1501	1535	344574
10	3	98.3	11	1087	1396	567851
11	3	87.3	11	1428	1361	790415
12	1	63.7	11	-	-	94753
13	2	77.3	11	1443	-	317907
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Trial Number:			14			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5496.881			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	94.3	11	1397	1666	539991
2	3	95.9	11	1836	1037	762654
3	1	55.2	11	-	-	67183
4	3	89.1	11	1519	1948	289608
5	1	65.9	11	-	-	514183
6	2	70.5	11	1429	-	736561
7	3	93	11	1584	1228	39562
8	1	55.2	11	-	-	263209
9	2	83.2	11	1589	-	485697
10	1	63	11	-	-	709835
11	3	97.6	11	1740	1915	12109
12	1	54.8	11	-	-	235657
13	1	59.8	11	-	-	459219
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DFS Radar Parameters
FCC Radar Type 5

Channel 106 Bandwidth 80MHz

Trial Number:			15			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5500.081			Yes
Burst	Number of Pulses	Pulse 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	19	1312	-	442531
2	1	51.9	19	-	-	588890
3	1	65.7	19	-	-	135103
4	2	83.1	19	1564	-	279356
5	2	70.2	19	1815	-	424393
6	1	66.4	19	-	-	570354
7	1	61	19	-	-	117275
8	1	52.6	19	-	-	262631
9	2	69.8	19	1353	-	406579
10	1	56.6	19	-	-	552947
11	1	61.3	19	-	-	99418
12	1	62.9	19	-	-	244377
13	1	53.1	19	-	-	389721
14	1	59.7	19	-	-	534560
15	3	91.4	19	1330	1455	81195
16	1	50.9	19	-	-	226748
17	2	73.9	19	1072	-	370910
18	3	96.1	19	1058	1432	514693
19	3	97.5	19	1951	1140	63281
20	3	84	19	1788	1655	207729

Trial Number:			16			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5496.081			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88	9	1275	1669	642709
2	3	90.6	9	1090	1943	906233
3	1	58.4	9	-	-	83345
4	2	76	9	1217	-	347140
5	1	55.5	9	-	-	611573
6	3	92.6	9	1444	1231	873958
7	1	56.8	9	-	-	50743
8	1	57.3	9	-	-	315041
9	2	74	9	1329	-	578482
10	2	76.5	9	1278	-	842259
11	1	53.6	9	-	-	18212
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DFS Radar Parameters
FCC Radar Type 5

Channel 106 Bandwidth 80MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5498.081			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	97.4	14	1918	1242	206132
2	2	74.1	14	1124	-	399941
3	3	86.3	14	1744	1987	591358
4	2	72.2	14	1991	-	785976
5	2	73.8	14	1243	-	182774
6	2	77.3	14	1182	-	376360
7	1	62.2	14	-	-	570479
8	2	78.1	14	1068	-	762782
9	2	70.9	14	1055	-	159151
10	1	52.7	14	-	-	352842
11	2	74.6	14	1132	-	545925
12	2	74.4	14	1522	-	739007
13	3	89.2	14	1783	1773	134773
14	3	94	14	1454	1746	327597
15	2	76.1	14	1117	-	522129
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5500.081			NO
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	62.7	19	-	-	537334
2	1	60.7	19	-	-	83576
3	1	51.5	19	-	-	228612
4	1	54.3	19	-	-	374161
5	1	59.3	19	-	-	519252
6	2	67	19	1891	-	65540
7	1	50	19	-	-	211039
8	2	70.8	19	1756	-	354895
9	2	71.9	19	1236	-	500494
10	3	88.4	19	1709	1401	47656
11	3	93.6	19	1866	1704	191886
12	3	89.8	19	1660	1345	336442
13	2	77.5	19	1050	-	482467
14	2	77.6	19	1633	-	29912
15	1	59.6	19	-	-	175295
16	1	53.7	19	-	-	320218
17	2	78.7	19	1286	-	464447
18	3	93.4	19	1603	1093	12081
19	1	53	19	-	-	157273
20	1	63.9	19	-	-	302456

DFS Radar Parameters
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Channel 106 Bandwidth 80MHz

Trial Number:			19			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5512.9			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.9	19	1077.000	1927.000	468849
2	2	66.9	19	1007.000	-	622576
3	3	87.5	19	1861.000	1844.000	145865
4	2	67.6	19	1917.000	-	298534
5	2	73.6	19	1575.000	-	451238
6	1	61.6	19	-	-	605133
7	2	67.9	19	1096.000	-	127680
8	2	76.5	19	1807.000	-	279719
9	2	81.3	19	1316.000	-	432614
10	1	63.3	19	-	-	586031
11	1	66.2	19	-	-	109157
12	2	69.2	19	1864.000	-	261298
13	2	82	19	1206.000	-	413964
14	2	79.4	19	1409.000	-	565838
15	2	79.8	19	1119.000	-	90144
16	3	96.1	19	1898.000	1928.000	241469
17	1	55.7	19	-	-	395671
18	2	69.6	19	1263.000	-	547573
19	2	67.1	19	1457.000	-	71277
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Trial Number:			20			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5499.681			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.7	18	1936	1356	223096
2	3	97.3	18	1962	1818	374691
3	1	53.3	18	-	-	530125
4	1	64.3	18	-	-	52628
5	3	83.9	18	1728	1498	204541
6	2	80.3	18	1107	-	357780
7	3	87.5	18	1392	1504	509094
8	3	84.8	18	1883	1199	33668
9	1	50.4	18	-	-	186602
10	1	61.3	18	-	-	339251
11	3	99.1	18	1930	1940	489314
12	3	96	18	1028	1317	14926
13	2	81	18	1679	-	167441
14	3	86.2	18	1156	1674	319123
15	2	80	18	1738	-	471778
16	3	87.3	18	1793	1643	622423
17	3	95.9	18	1684	1958	148154
18	2	73.2	18	1644	-	300996
19	3	83.9	18	1258	1566	452686
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DFS Radar Parameters
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Channel 106 Bandwidth 80MHz

Trial Number:			21			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5559.919			Yes
Burst	Number of Pulses	Pulse 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	19	1805	-	605366
2	3	97.7	19	1066	1997	129425
3	3	99.2	19	1932	1010	281870
4	2	73.6	19	1821	-	434635
5	3	89.6	19	1803	1147	585935
6	1	58.5	19	-	-	111399
7	2	72.1	19	1437	-	263511
8	2	74.3	19	1878	-	416050
9	1	57.7	19	-	-	569914
10	3	98.1	19	1205	1333	92166
11	3	97.9	19	1652	1541	243981
12	1	63.5	19	-	-	398002
13	3	98	19	1259	1474	548948
14	1	59	19	-	-	73727
15	2	76.2	19	1341	-	225933
16	1	66.3	19	-	-	379183
17	2	66.7	19	1081	-	531551
18	3	85.6	19	1937	1703	54561
19	1	52.5	19	-	-	207524
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Trial Number:			22			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5563.119			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	53.6	11	-	-	527111
2	3	87.4	11	1811	1571	748220
3	3	86.1	11	1889	1627	52536
4	2	76.9	11	1265	-	275793
5	2	67.4	11	1304	-	499242
6	1	65.2	11	-	-	723224
7	2	82.2	11	1593	-	25150
8	2	67.4	11	1880	-	248119
9	3	85.2	11	1262	1257	470850
10	2	83	11	1368	-	694924
11	1	52	11	-	-	918863
12	3	92.2	11	1122	1493	220427
13	3	84	11	1285	1842	443093
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DFS Radar Parameters
FCC Radar Type 5

Channel 106 Bandwidth 80MHz

Trial Number:			23			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5562.319			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	72.8	13	1169	-	577891
2	2	71.9	13	1009	-	771615
3	3	88.9	13	1912	1782	167040
4	2	69.5	13	1300	-	361055
5	3	87.6	13	1247	1557	553081
6	2	73.7	13	1276	-	747367
7	1	63.7	13	-	-	143957
8	1	55.8	13	-	-	337706
9	1	61.7	13	-	-	530939
10	1	55.9	13	-	-	725290
11	2	79.8	13	1569	-	119841
12	3	86.7	13	1606	1149	312671
13	1	52.6	13	-	-	507371
14	3	97.8	13	1856	1955	697324
15	1	51.1	13	-	-	96192
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Trial Number:			24			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5561.519			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.9	15	1992	1413	270654
2	1	54.8	15	-	-	453382
3	2	69.9	15	1452	-	633360
4	1	63.3	15	-	-	67811
5	1	51.7	15	-	-	249474
6	3	93.3	15	1843	1114	428985
7	2	69.6	15	1926	-	610474
8	3	96.5	15	1207	1334	45285
9	3	94.6	15	1636	1795	226025
10	2	70.8	15	1654	-	407487
11	2	81.7	15	1277	-	588874
12	1	58.3	15	-	-	23104
13	1	57.3	15	-	-	204633
14	3	91.2	15	1534	1550	384355
15	3	87	15	1665	1150	565401
16	3	91.4	15	1099	1337	742
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DFS Radar Parameters
FCC Radar Type 5

Channel 106 Bandwidth 80MHz

Trial Number:			25			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5564.319			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	55.7	8	-	-	291795
2	1	55.9	8	-	-	582369
3	1	63.9	8	-	-	873344
4	3	90.8	8	1724	1775	1160383
5	2	76	8	1197	-	255819
6	2	70.2	8	1283	-	546044
7	1	56.7	8	-	-	837723
8	2	78.8	8	1467	-	1126786
9	3	93	8	1478	1314	219729
10	2	71.8	8	1080	-	510402
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Trial Number:			26			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5563.519			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	96.8	10	1036	1513	666465
2	3	92	10	1894	1451	907252
3	2	81.5	10	1721	-	153388
4	1	56.3	10	-	-	395984
5	3	90.2	10	1082	1112	636838
6	1	64.8	10	-	-	880264
7	2	67.5	10	1307	-	123649
8	2	81.1	10	1785	-	365496
9	2	80.5	10	1098	-	607519
10	2	80.4	10	1677	-	848850
11	1	63.1	10	-	-	93986
12	3	88.8	10	1757	1160	335162
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DFS Radar Parameters
FCC Radar Type 5

Channel 106 Bandwidth 80MHz

Trial Number:			27			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5560.319			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	90.4	18	1032	1324	383633
2	3	90.7	18	1414	1180	544470
3	1	53.2	18	-	-	42735
4	2	75.4	18	1364	-	203734
5	3	94.3	18	1100	1035	364436
6	3	98.7	18	1658	1281	524414
7	1	55.8	18	-	-	22883
8	1	65.4	18	-	-	184319
9	1	56.4	18	-	-	345529
10	1	64.6	18	-	-	506741
11	2	74.7	18	1713	-	3006
12	1	64.6	18	-	-	164283
13	2	74	18	1540	-	325125
14	2	80.8	18	1417	-	486209
15	3	88.7	18	1863	1599	644488
16	1	56.9	18	-	-	144442
17	2	75.1	18	1365	-	305231
18	2	66.7	18	1163	-	466587
19						
20						

Trial Number:			28			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5562.719			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.1	12	1907	1587	866982
2	3	91.2	12	1355	1173	172138
3	2	70.3	12	1572	-	395584
4	2	80	12	1518	-	618741
5	3	96.5	12	1675	1778	840287
6	2	77.6	12	1718	-	144770
7	1	65	12	-	-	368469
8	3	88.3	12	1638	1899	590151
9	2	80.7	12	1297	-	814477
10	2	66.9	12	1873	-	117283
11	3	90.9	12	1716	1579	339837
12	2	76.2	12	1770	-	563316
13	1	60.6	12	-	-	788278
14						
15						
16						
17						
18						
19						
20						

DFS Radar Parameters
FCC Radar Type 5

Channel 106 Bandwidth 80MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5559.519			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56.6	20	-	-	58469
2	2	78.2	20	1631	-	203037
3	2	66.9	20	1390	-	347847
4	1	65.5	20	-	-	493565
5	2	73.2	20	1092	-	40528
6	3	87.6	20	1879	1649	184786
7	1	50.6	20	-	-	330838
8	2	75.9	20	1739	-	474378
9	1	58.1	20	-	-	22713
10	2	72.9	20	1897	-	167388
11	2	77.6	20	1407	-	312389
12	1	65.4	20	-	-	458232
13	2	82.2	20	1490	-	4817
14	2	67.2	20	1442	-	149729
15	2	66.9	20	1694	-	294337
16	2	82.3	20	1253	-	439075
17	1	59.4	20	-	-	585846
18	2	76.1	20	1621	-	131677
19	1	60.5	20	-	-	277248
20	1	56	20	-	-	422505

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5559.519			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.8	20	-	-	567246
2	2	82.3	20	1102	-	114080
3	2	72	20	1377	-	258761
4	2	68.5	20	1612	-	403448
5	1	60.4	20	-	-	550025
6	3	94.3	20	1131	1957	95891
7	2	75.6	20	1448	-	240780
8	1	60.4	20	-	-	386781
9	1	56	20	-	-	531810
10	2	67.9	20	1565	-	78214
11	3	89	20	1319	1941	222525
12	2	74.5	20	1184	-	368138
13	2	80.2	20	1562	-	512817
14	1	53.9	20	-	-	60559
15	2	68.1	20	1373	-	205239
16	3	86.4	20	1168	1877	348862
17	1	57.1	20	-	-	496414
18	1	65.2	20	-	-	42708
19	1	65.5	20	-	-	187782
20	2	69.4	20	1904	-	331848