DYNAMIC FREQUENCY SELECTION

DFS Test Report

APPLICANT	:	Hewlett Packard Enterprise Company
EQUIPMENT	:	Wireless Access Point
BRAND NAME	:	aruba, Hewlett Packard Enterprise
MODEL NAME	:	APIN0304, APIN0305
MARKETING NAME	:	APIN0304, APIN0305
FCC ID	:	Q9DAPIN0304305
STANDARD	:	FCC Part 15 Subpart E
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure

The product was received on Jul. 07, 2016 and completely tested on Mar. 17, 2017. 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:

Jones Tsai

Jones Tsai / Manager

Testing Laboratory 1190

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FZ690215	Rev. 01	Initial issue of report	Jun. 29, 2017

SUMMARY OF DYNAMIC FREQUENCY SELECTION TEST

UNII	Description	Limit	Result
U-NII Band 2-A 5250-5350MHz	Channel Availability Check Time	> 60sec	Pass
	U-NII Detection Bandwidth	> 100% of the U-NII 99% transmission power bandwidth	Pass
	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	Pass
	U-NII Detection Bandwidth	> 100% of the U-NII 99% transmission power bandwidth	Pass
	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

1 General Description

1.1 Applicant

Hewlett Packard Enterprise Company
3000 Hanover Street, Palo Alto, CA 94304

1.2 Manufacturer

Hewlett Packard Enterprise Company
3000 Hanover Street, Palo Alto, CA 94304

1.3 Feature of Equipment Under Test

Product Feature	
Equipment	Wireless Access Point
Brand Name	aruba, Hewlett Packard Enterprise
Model Name	APIN0304, APIN0305
Marketing Name	APIN0304, APIN0305
FCC ID	Q9DAPIN0304305
EUT supports Radios application	WLAN2.4GHz 802.11b/g/n HT20/HT40/ WLAN5GHz 802.11a/n HT20/HT40/ WLAN5GHz 802.11ac VHT20/VHT40/VHT80 Bluetooth v4.0 LE
S/N	CNBYJSR034
Version	6.5.1.0 build 56684
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)

1.5 Sample List

There are two model names of EUT. Model APIN0305 is designed with built in antennas (Gain: 2.8dBi), and model APIN0304 with three RP-SMA connectors for external antennas.

For model APIN0304, it has nine types of antenna as below table:

	type	Description	Gain	Polorization
1	AP-ANT-1W	2.4-2.5GHz/5GHz, 5.0dBi Tri-Band, Omni-Directional Antenna	3.8dBi @2.4GHz; 5.8dBi @5.8GHz	Linear vertical
2	AP-ANT-13B	downtilt omni, dual-band	4.4dBi @2.4GHz; 3.3dBi @5.8GHz	Linear vertical
3	AP-ANT-19,	Dual Band Omnidirectional	3dBi @2.4GHz; 6dBi @5.8GHz	vertical
4	AP-ANT-20W,	2.4- and 5-GHz dual-band omni directional	2dBi @2.4GHz; 2dBi @5.8GHz	Linear vertical
5	AP-ANT-16,	Triple Element Downtilt Omni, Dual-Band	3.9dBi @2.4GHz; 4.7dBi @5.8GHz	vertical
6	AP-ANT-25A	2.4- and 5-GHz dual polarized sector antenna	5dBi @2.4GHz; 5dBi @5.8GHz	slant +/-45°
7	AP-ANT-35A	2.4- and 5-GHz dual polarized sector antenna	5dBi @2.4GHz; 5dBi @5.8GHz	slant +/-45°
8	AP-ANT-28	2.4- and 5-GHz dual-polarized sector antenna	7.5dBi @2.4GHz; 7.5dBi @5.8GHz	slant +/-45°
9	AP-ANT-38	2.4- and 5-GHz dual-polarized sector antenna	7.5dBi @2.4GHz; 7.5dBi @5.8GHz	slant +/-45°

Note:

Select the minimum 2dBi antenna gain(AP-ANT-20W) from all antennas as the worst case DFS threshold level calculation for both APIN0304 and APIN0305.

1.6 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

1.7 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
- ANSI C63.10-2013

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

1.8 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.

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) + (2)* [dBi]+ 1 dB= -61 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.

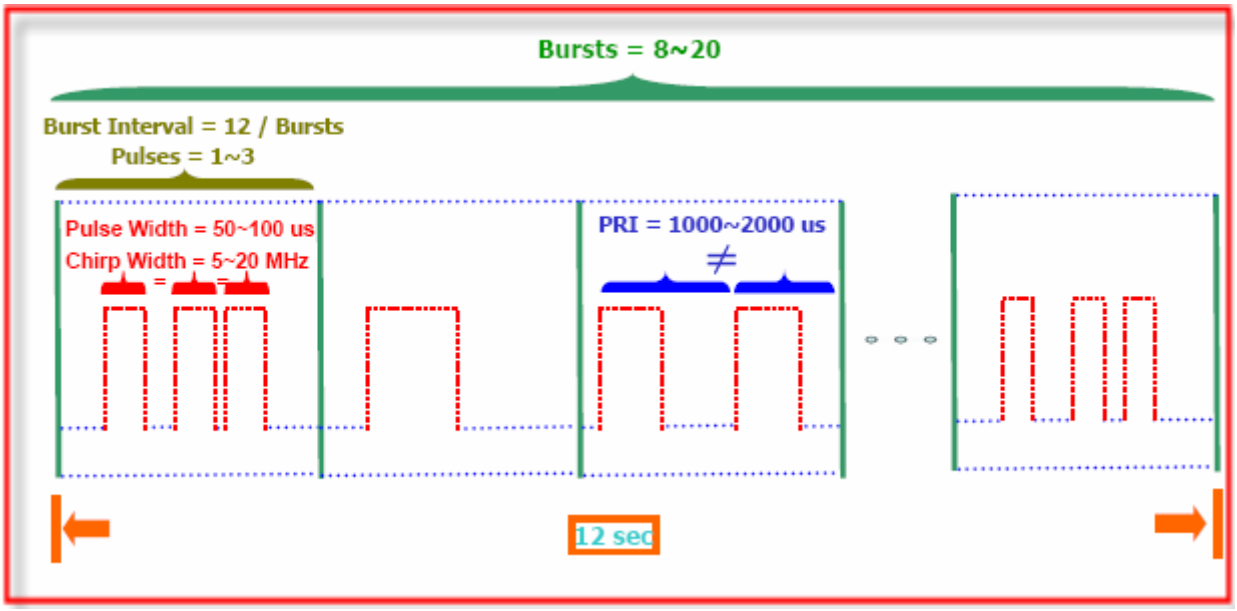
(3) Burst 1 has 2 randomly generated pulses.

(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).

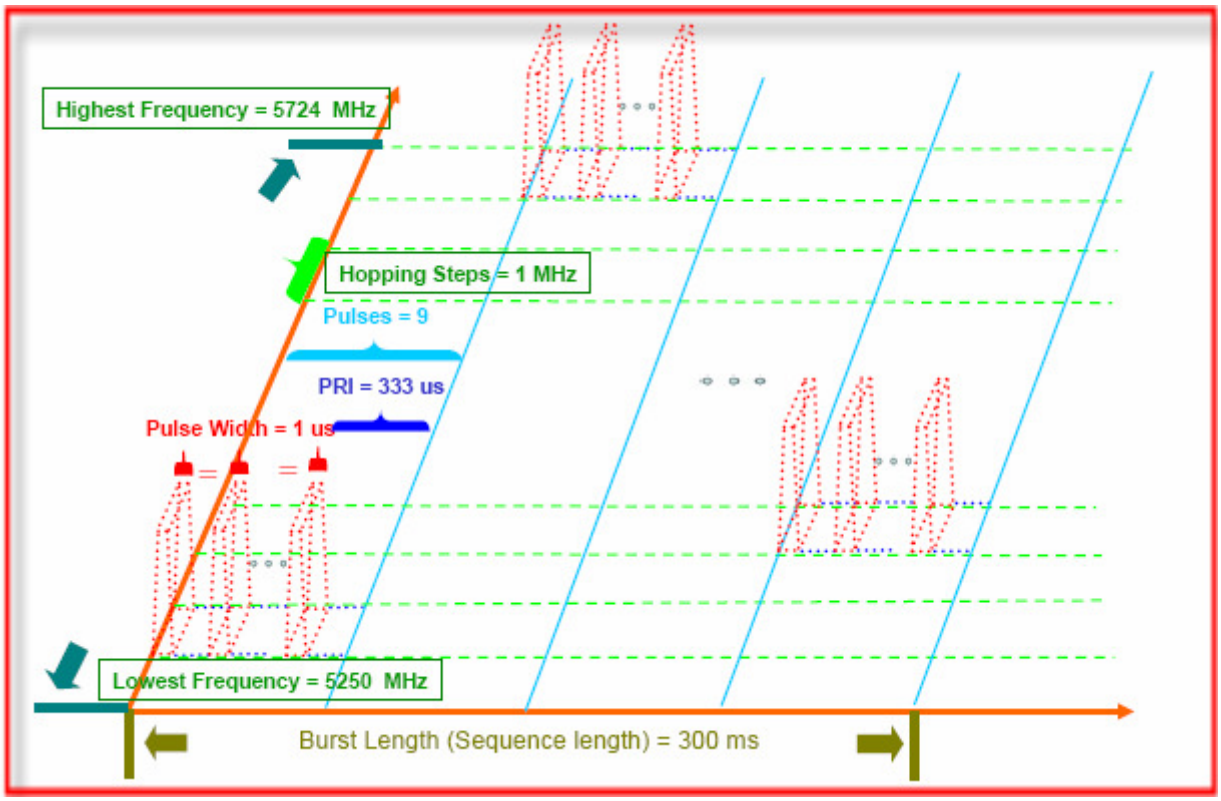


2.6 Frequency Hopping Radar Test Waveform

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.



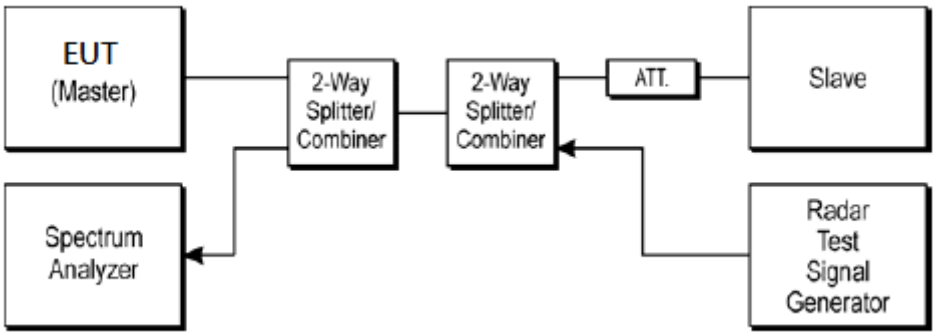
3 Calibration Setup and DFS Test Results

3.1 Calibration of Radar Waveform

3.1.1 Radar Waveform Calibration Procedure

The Interference Radar Detection Threshold Level is (-64) + (2) [dBi] + 1dB = -61 dBm that had been taken into account the output power range and antenna gain. 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. During this process there were no transmissions by either the Master or Client Device. The spectrum analyzer was switched to the zero span (Time Domain) at the frequency of the Radar Waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz to measure the radar waveform. The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was (-64dBm) + (2) [dBi]+ 1 dB= -61dBm. Capture the spectrum analyzer plots on radar waveform.

3.1.2 Conducted Calibration Setup



Note: When performing DFS testing for MIMO systems, the power splitter/combiner is used to combine all the receive chains (antenna inputs) into a single test point.

3.1.3 Calibration Deviation

There is no deviation with the original standard.

3.1.4 Radar Waveform Calibration Result

<20MHz / 5300MHz>

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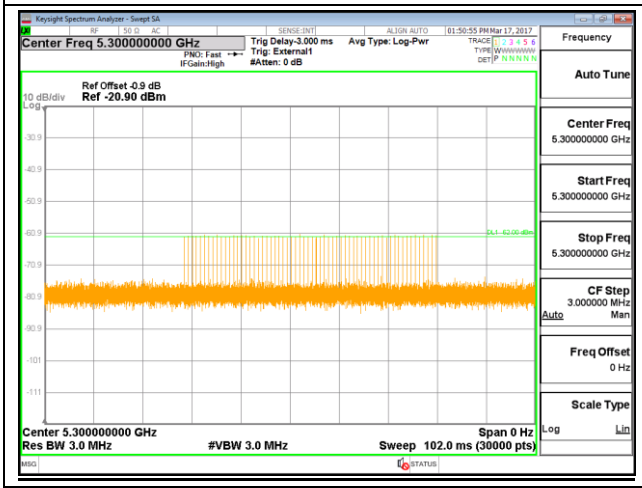	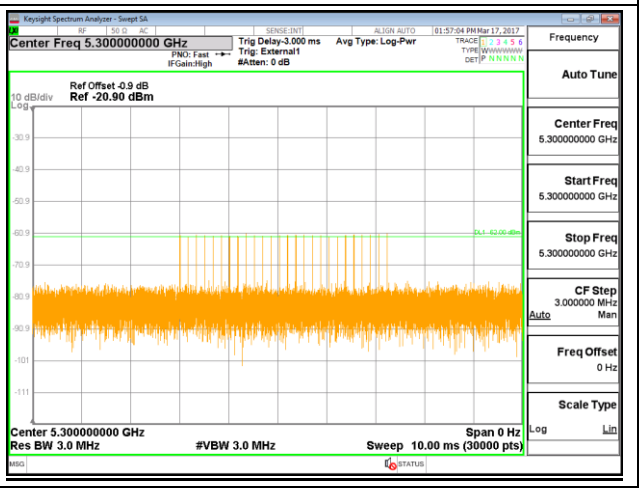
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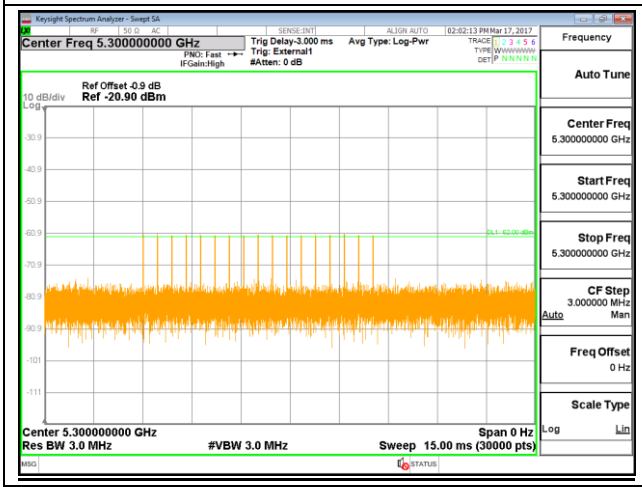
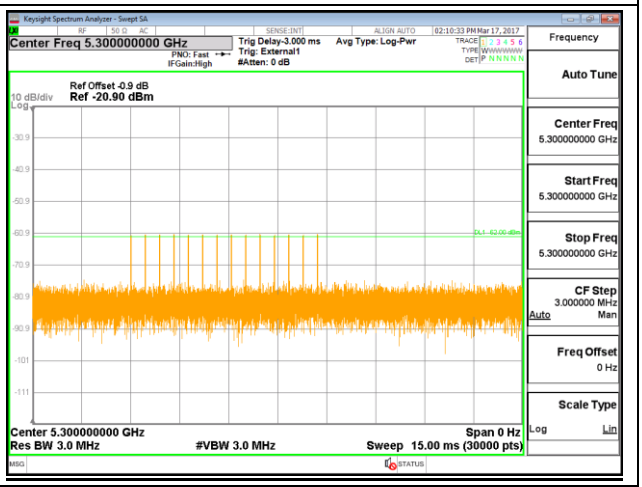
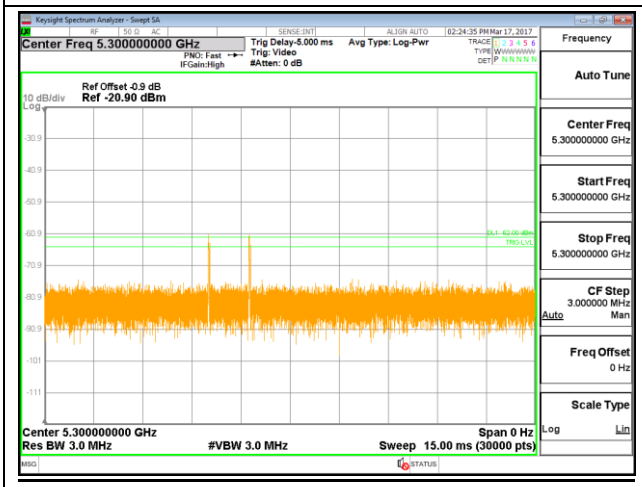
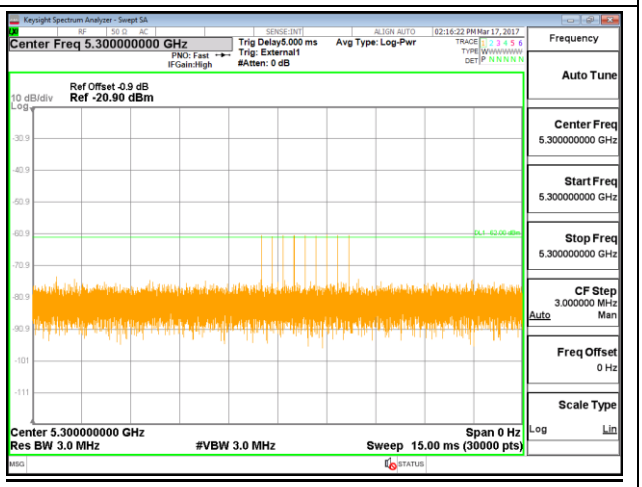
	
Single Burst of Radar Type 5	**Single Burst of Radar Type 6**
	

<40MHz / 5310MHz>

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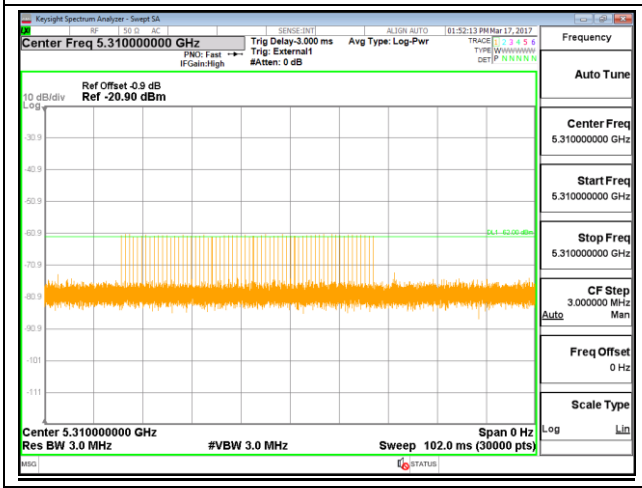	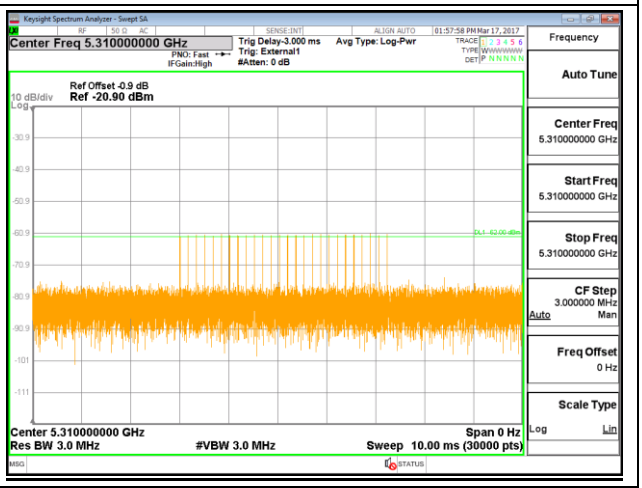
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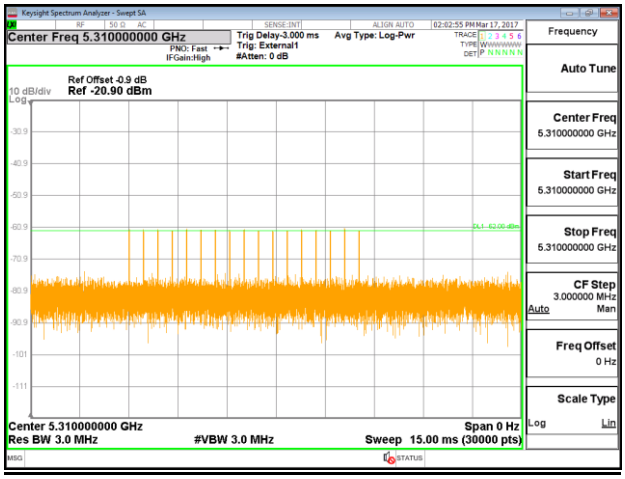	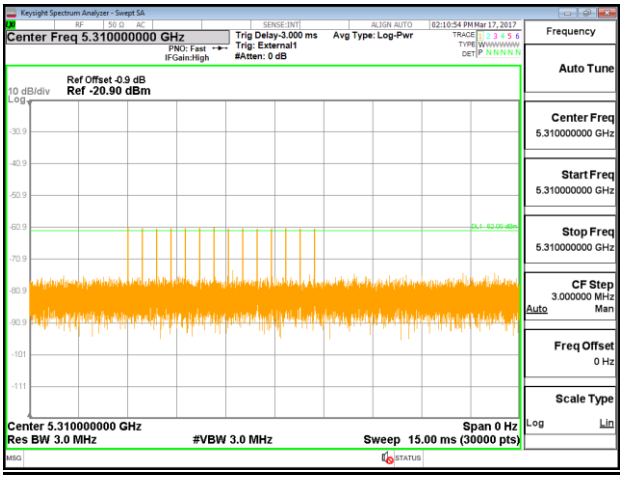
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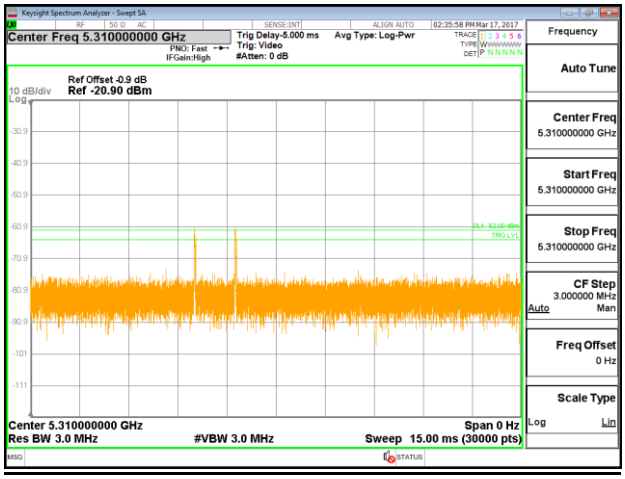	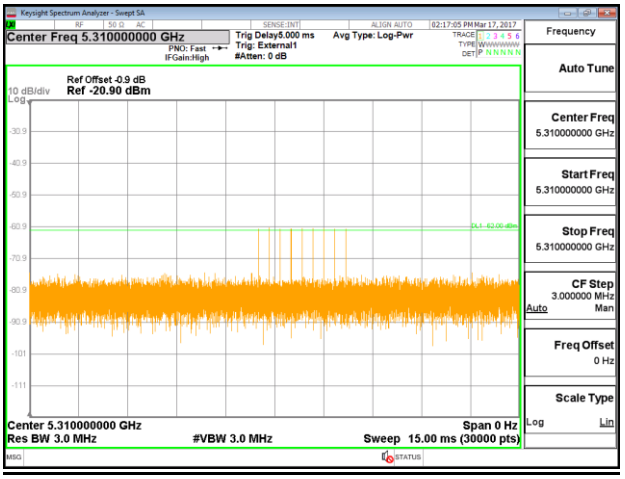

<80MHz / 5290MHz>

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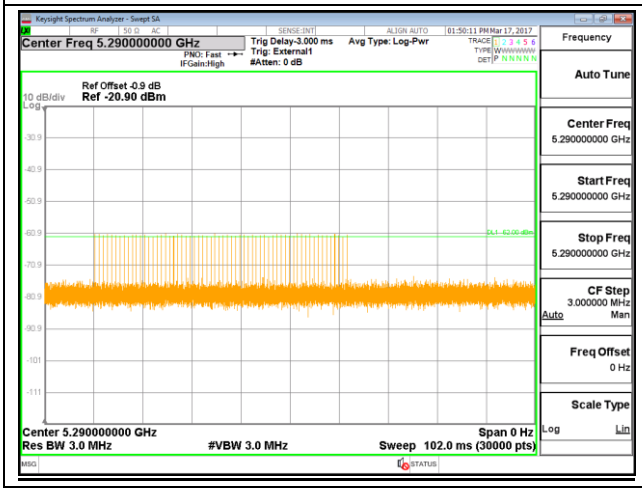	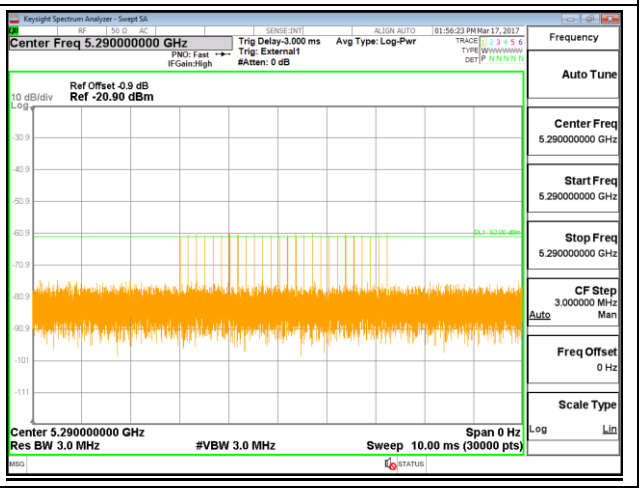
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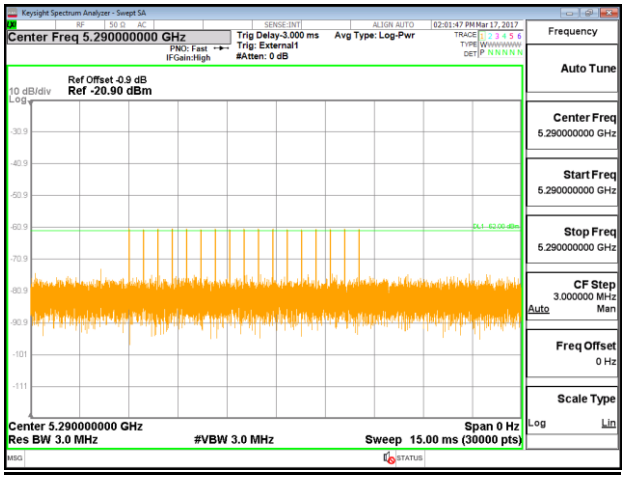
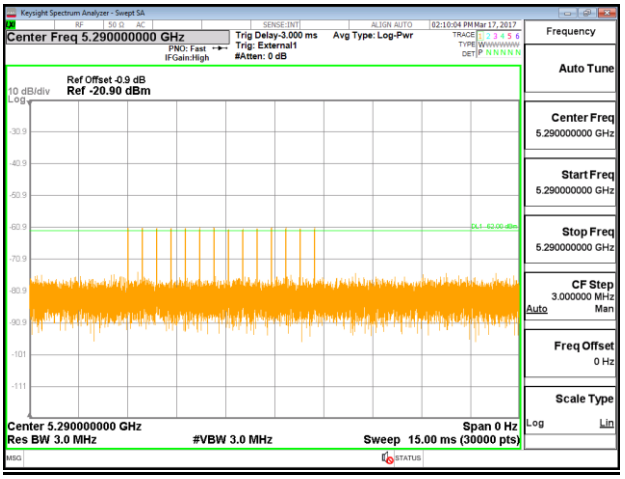
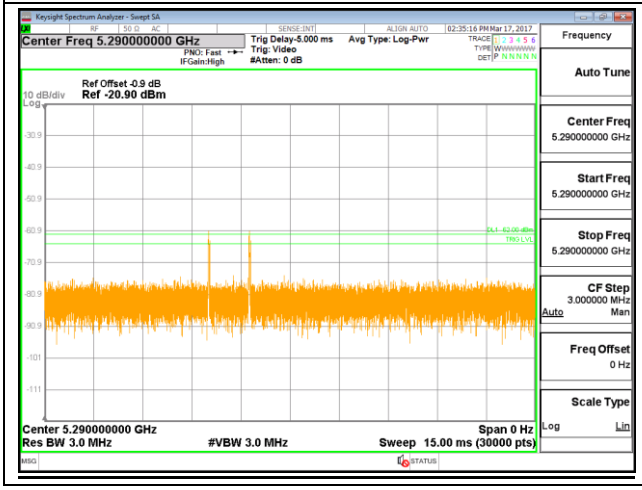
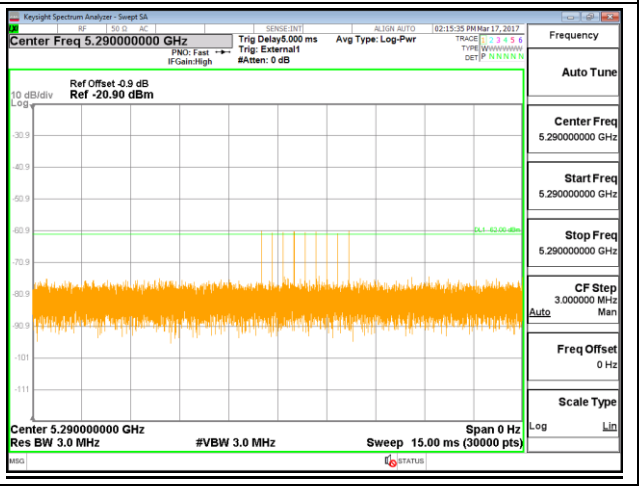
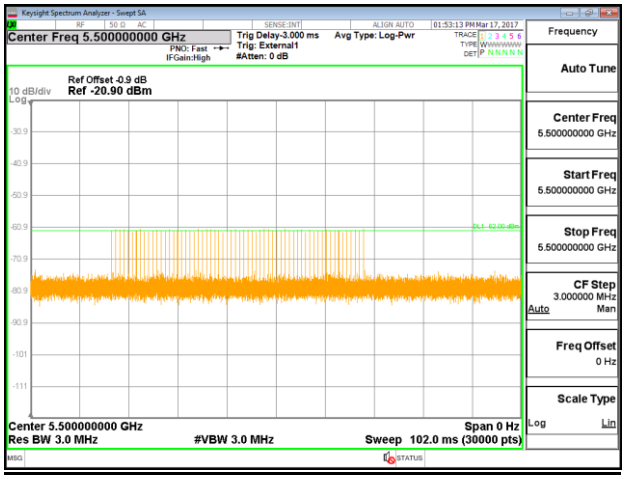
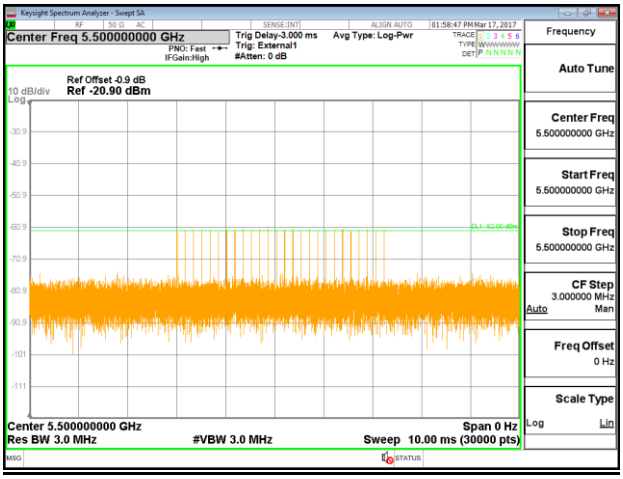
	
Single Burst of Radar Type 5	**Single Burst of Radar Type 6**
	

<20MHz / 5500MHz>

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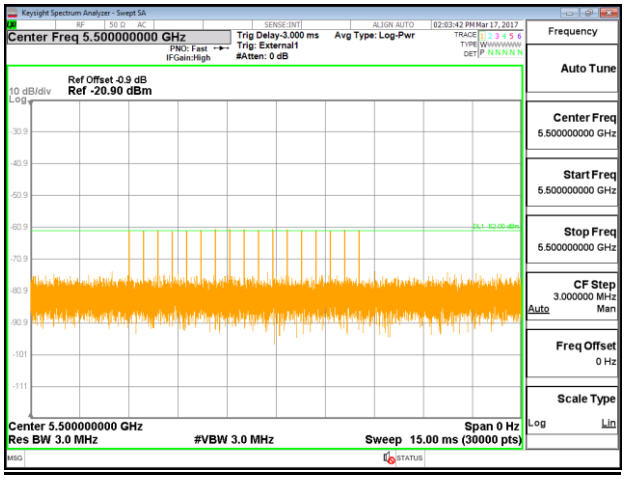
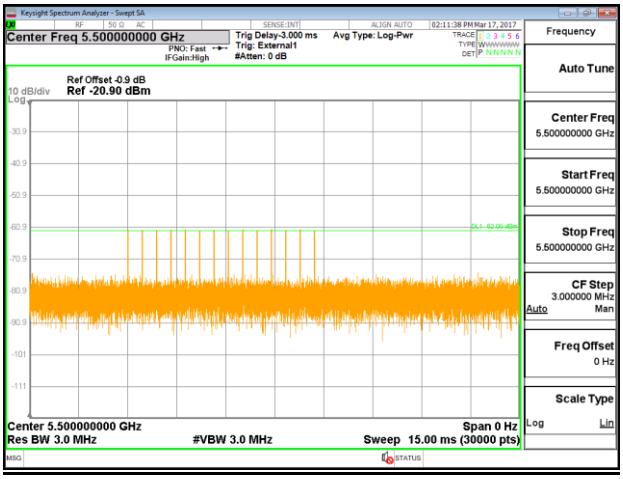
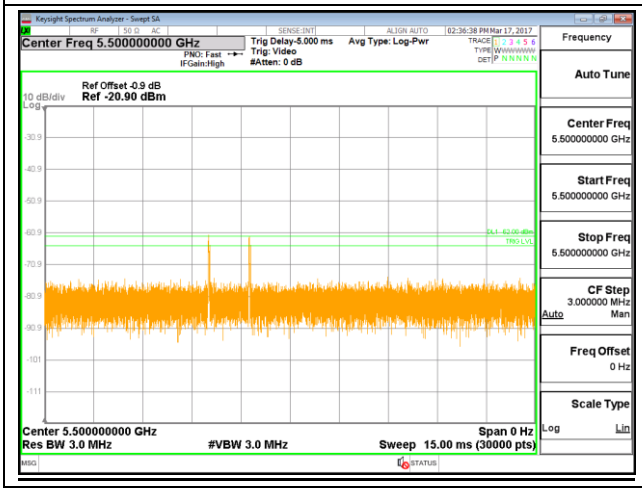
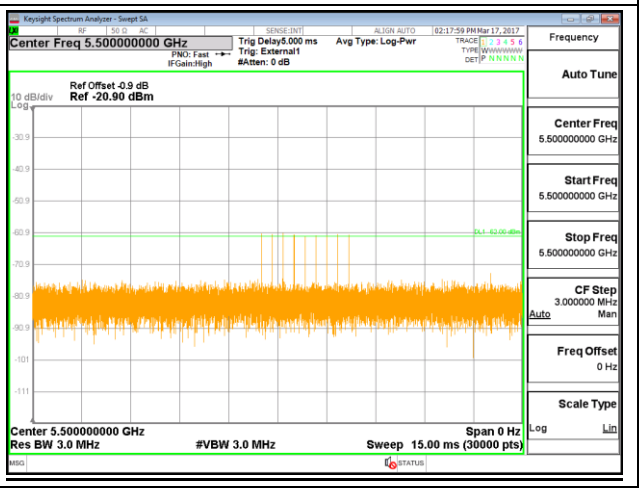
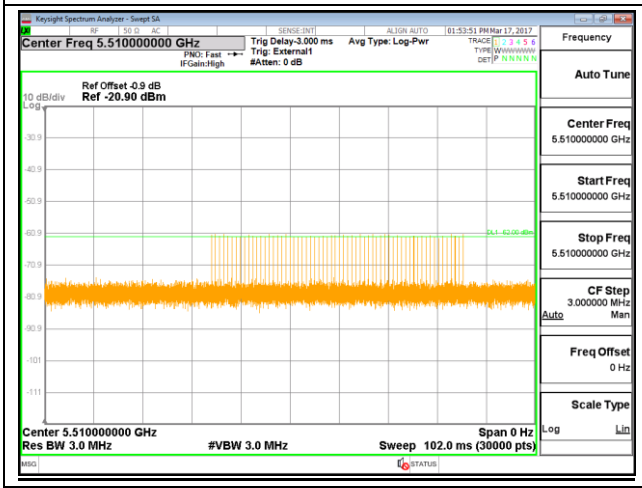
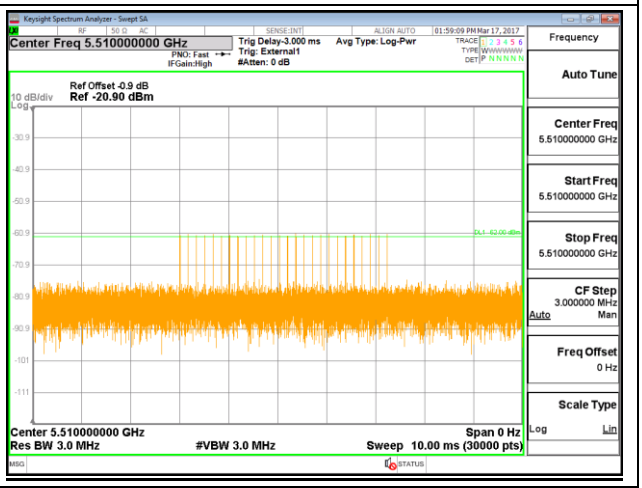
	
Single Burst of Radar Type 5	**Single Burst of Radar Type 6**
	

<40MHz / 5510MHz>

Radar Type 1	Radar Type 2
	
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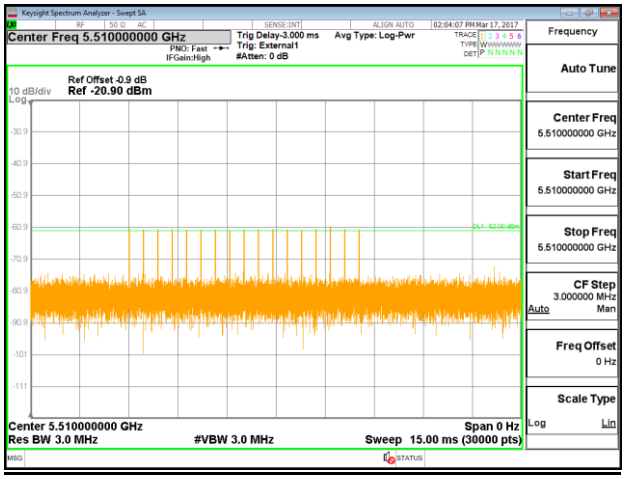	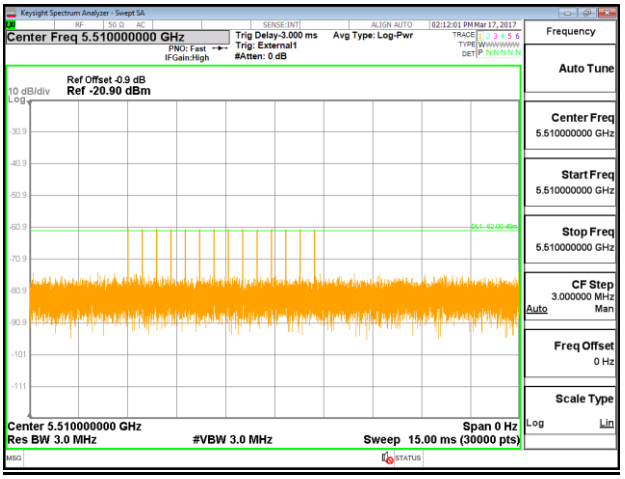
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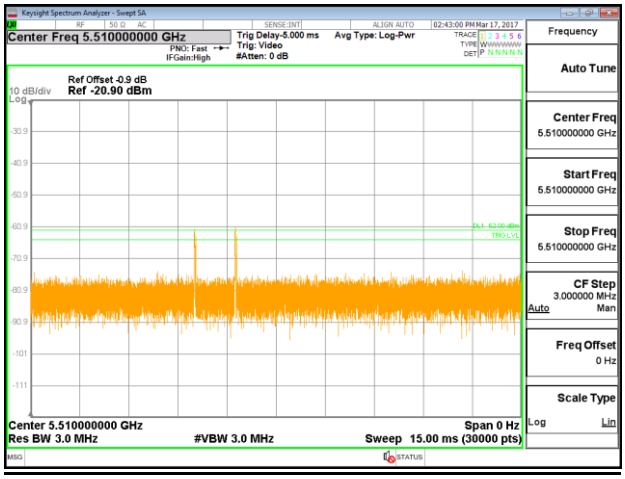
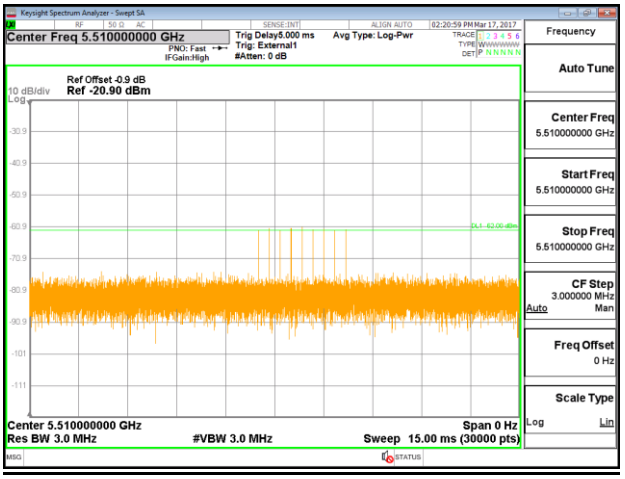
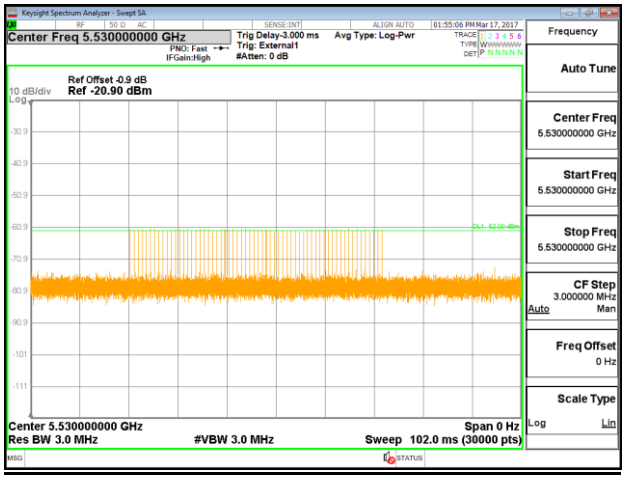
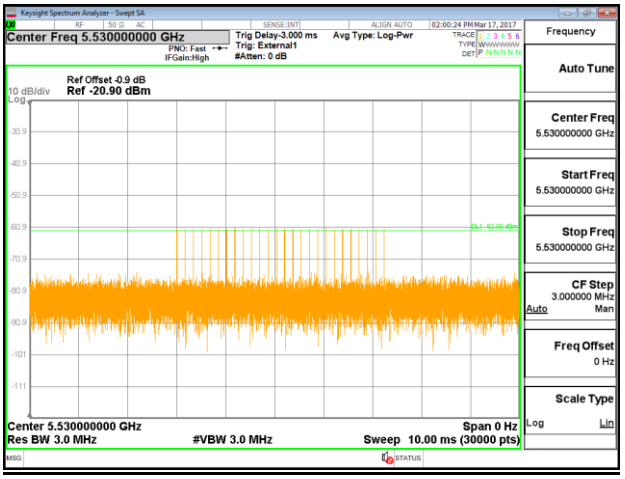
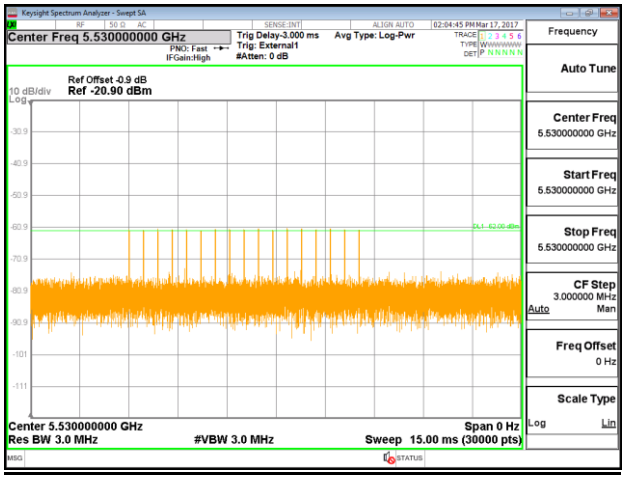
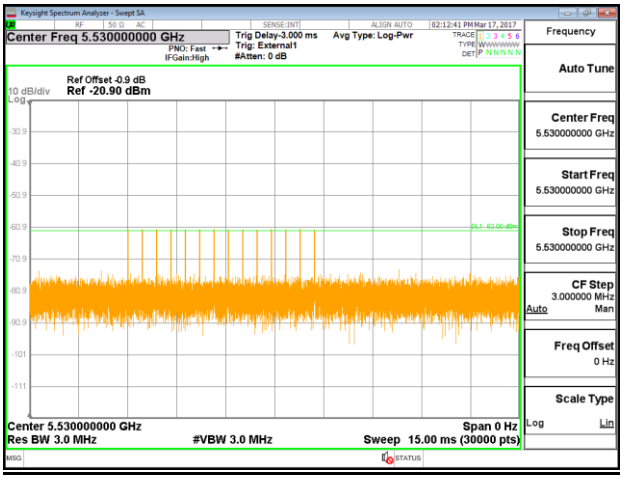
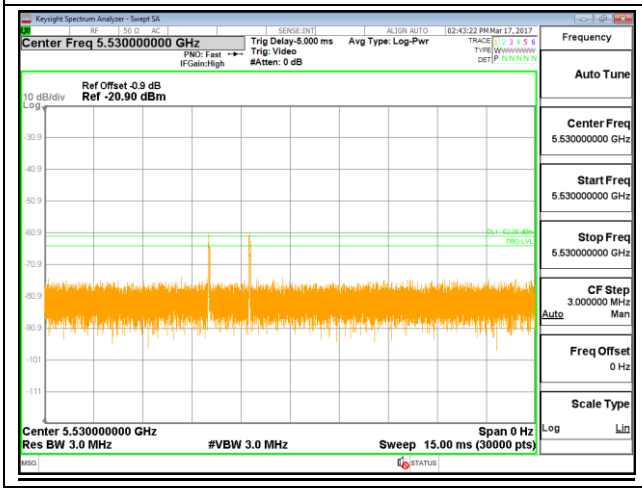
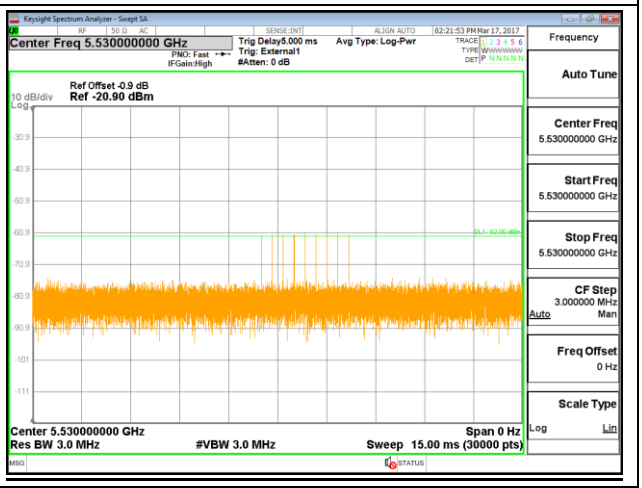
	

<80MHz / 5530MHz>

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

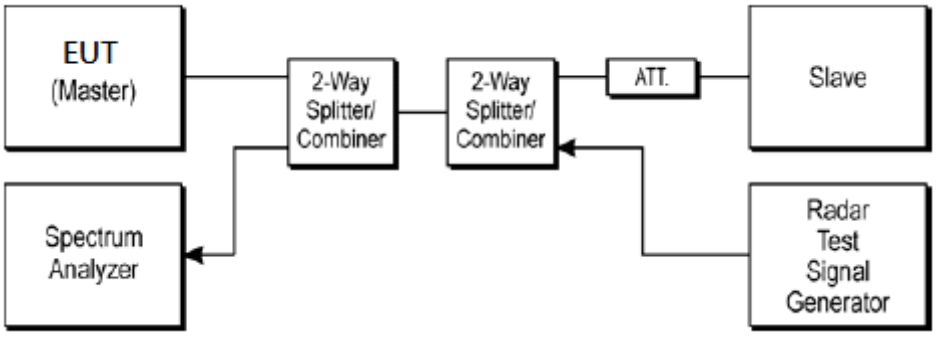
The U-NII Detection Bandwidth shall contain minimum 100% of the 99% power bandwidth.

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	Y	Y	Y	Y	100	**F_H**
5311	+11	N	N	N	N	N	N	N	N	N	N	0	

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

EUT 99% Bandwidth = **18.750** MHz (Refer to channel 60)

<40MHz / 5310MHz >

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

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

EUT 99% Bandwidth = **36.247** MHz (Refer to channel 62)

<80MHz /5290MHz >

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

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

EUT 99% Bandwidth = **76.002** 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 = **18.161** 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 = **36.532** MHz (Refer to channel 102)

<80MHz / 5530MHz >

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

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

EUT 99% Bandwidth = **76.221** MHz (Refer to channel 106)

3.3 Channel Availability Check (7.8.2)

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

3.3.2.1 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.

3.3.2.2 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.

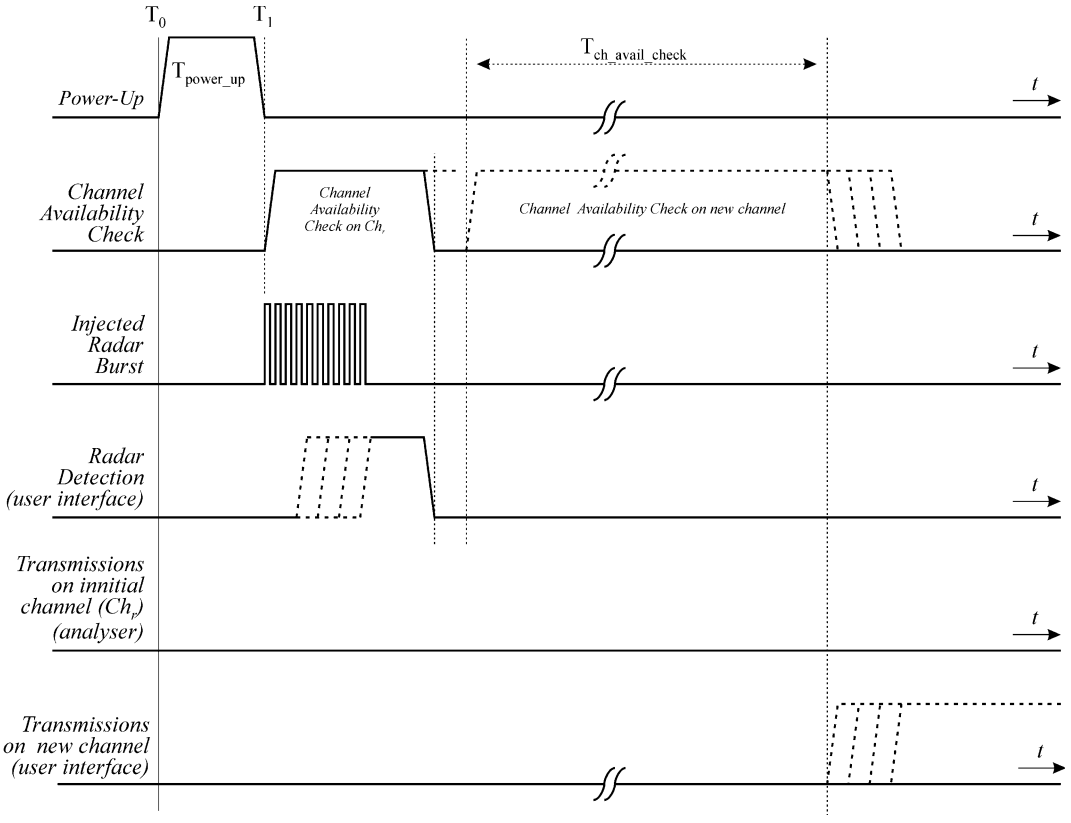


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time

3.3.2.3 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.

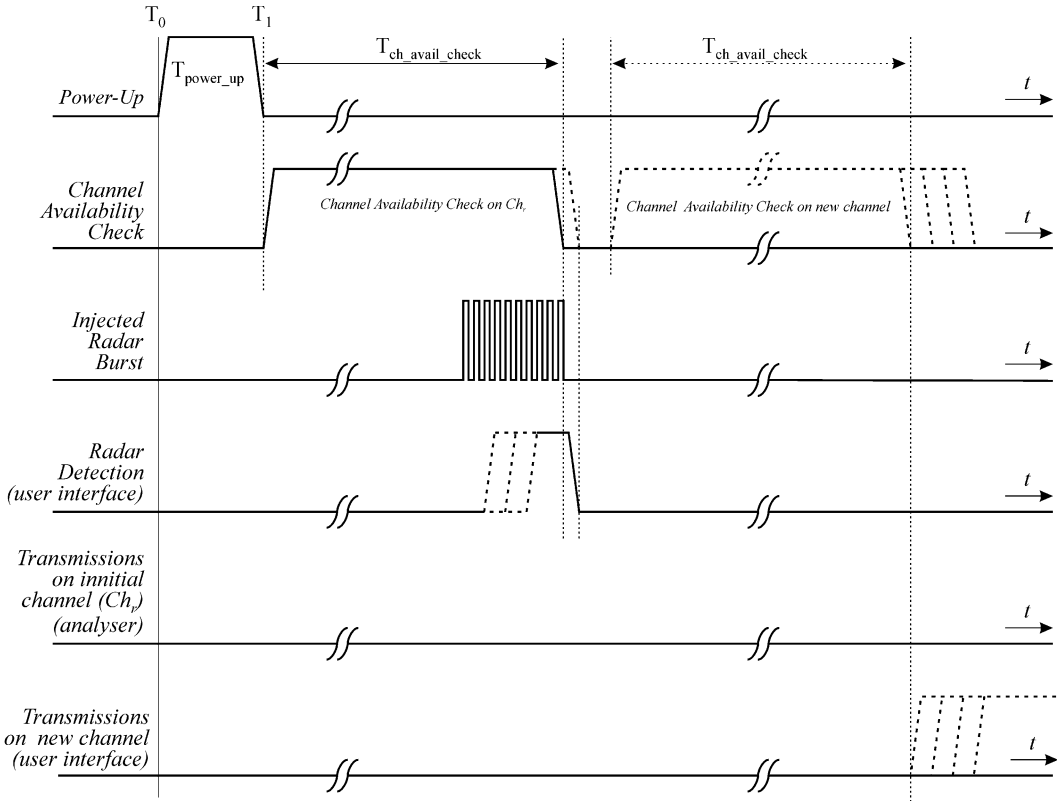
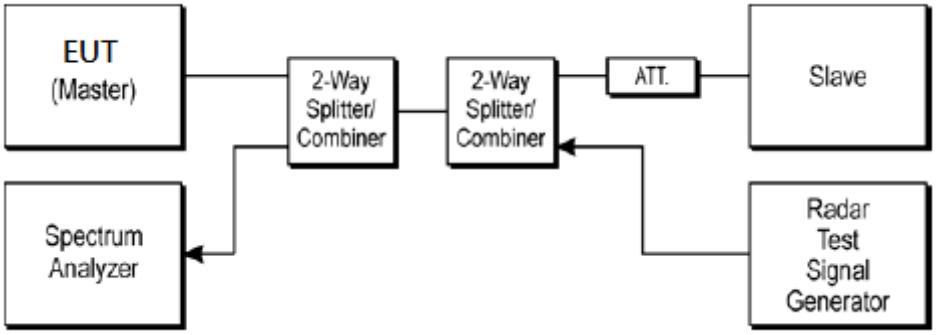


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time

3.3.3 Test Setup

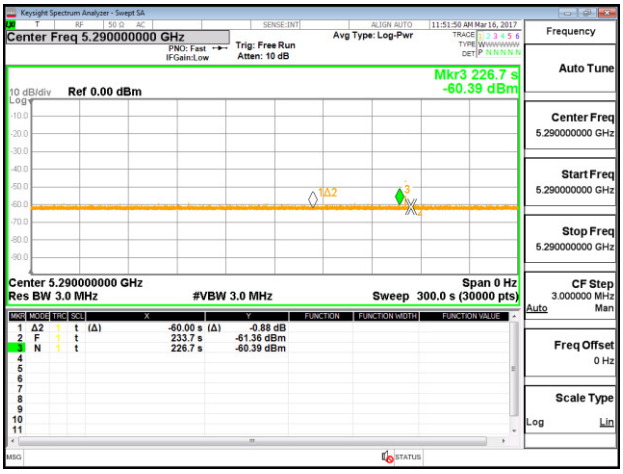


3.3.4 Test Deviation

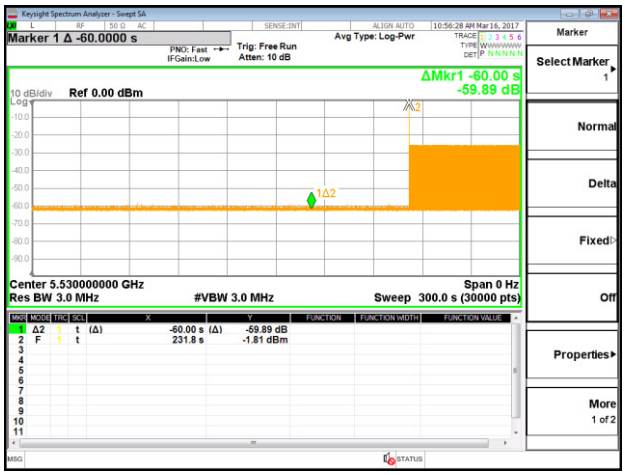
There is no deviation with the original standard.

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 / 5530MHz >

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

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

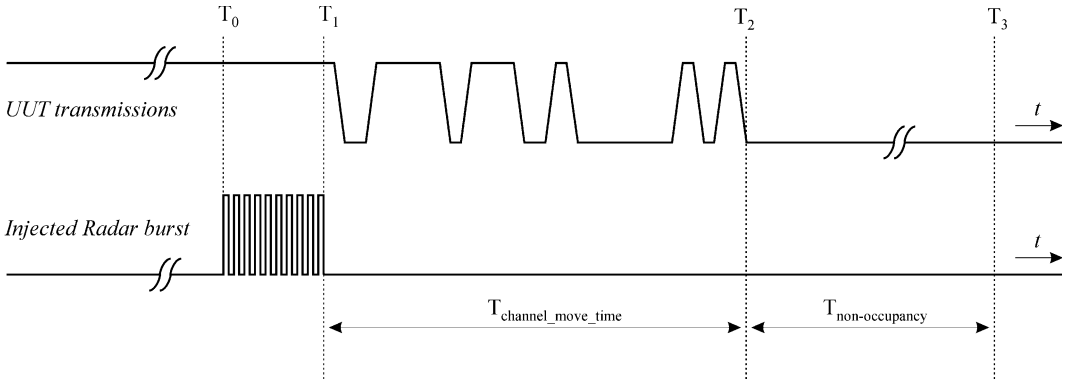
(3) The TCP protocol unicast data stream was generated by the iperf software command line with at least 17% activity ratio over any 100ms period.

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

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

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

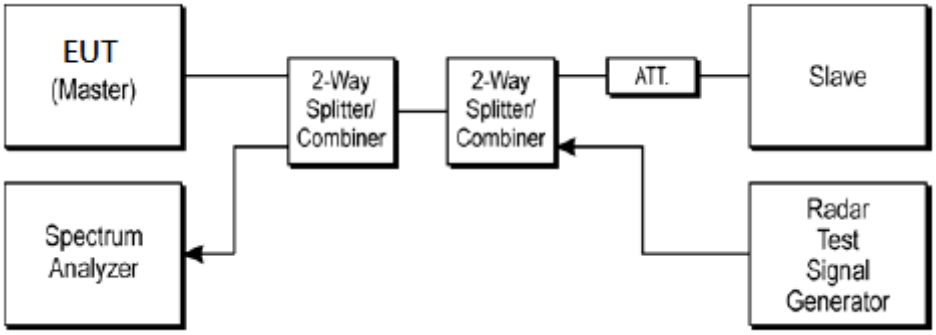
(7) When operating as a Master Device, monitor the EUT for more than 30 minutes following instant T2 to verify that the EUT does not resume any transmissions on this Channel. Perform this test once and record the measurement result.



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

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

3.4.3 Test Setup



3.4.4 Test Deviation

There is no deviation with the original standard.

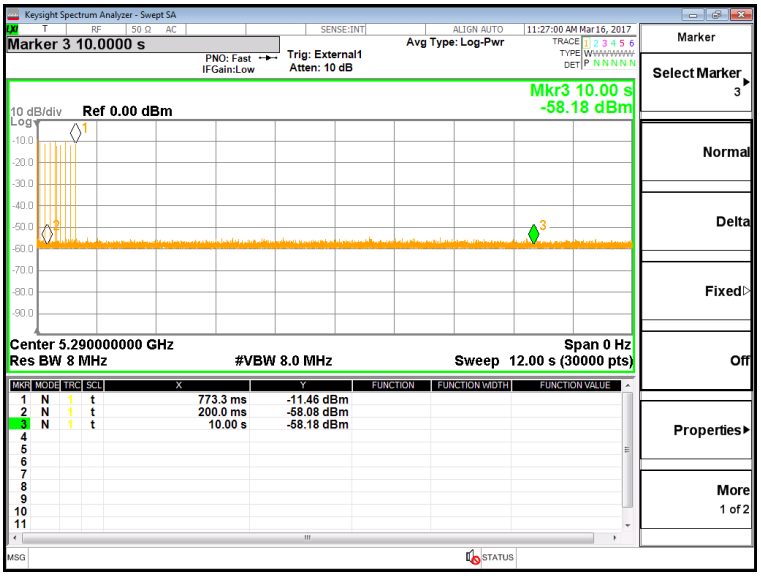
3.4.5 Result of Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period for Client Beacon Test

Test Mode :	Master	Temperature :	24.3-25.2℃
Test Engineer :	Rebecca Li	Relative Humidity :	44-47%

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
80MHz /5290MHz	Channel Move Time	0.7733 s	＜ 10s	Pass
	Channel Closing Transmission Time	200ms + 4 ms	＜ 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass
80MHz /5530MHz	Channel Move Time	0.4545 s	＜ 10s	Pass
	Channel Closing Transmission Time	200ms + 1.6 ms	＜ 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass

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

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

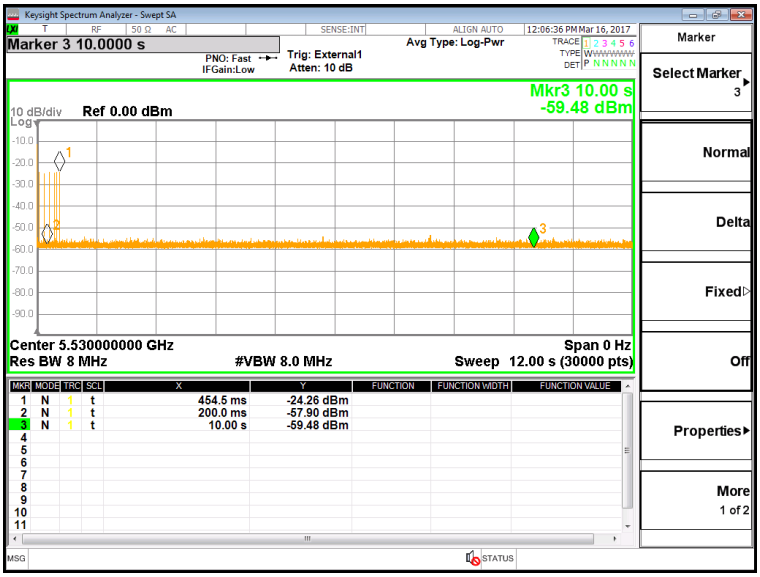
<80MHz / 5290MHz > In-Service Monitoring
Channel Move Time & **Channel Closing Transmission Time**

Non-Occupancy Period

Note: Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000) Channel Closing Transmission Time (200 + **4** ms) = 200 + Number (10) X Dwell (0.4 ms) < 260ms

<80MHz /5530MHz > In-Service Monitoring

Channel Move Time &

Channel Closing Transmission Time



Non-Occupancy Period

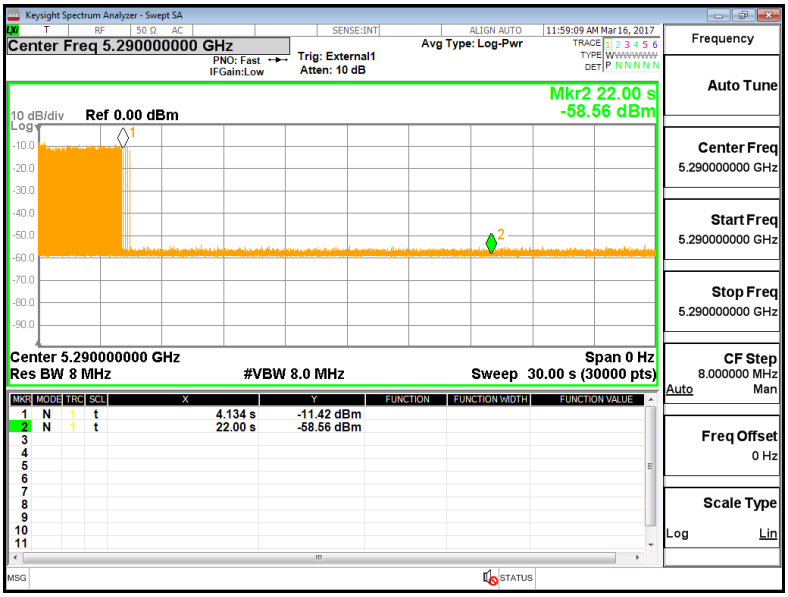
Note:

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

Channel Closing Transmission Time (200 + **1.6** ms) = 200 + Number (4) X Dwell (0.4 ms) < 260ms

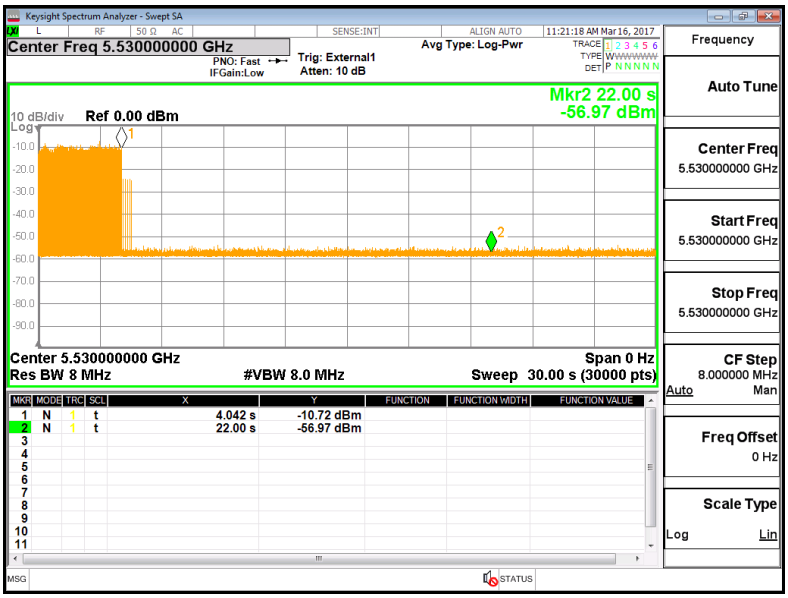
3.4.7 Long Pulsed Radar Type Channel Move Time Test Plots (22second)

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

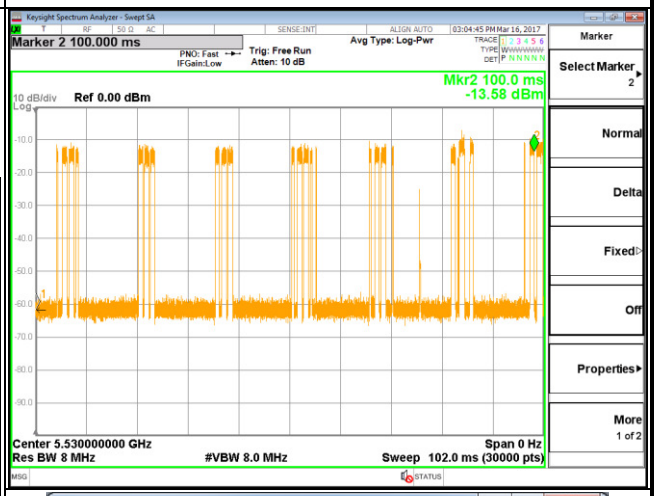
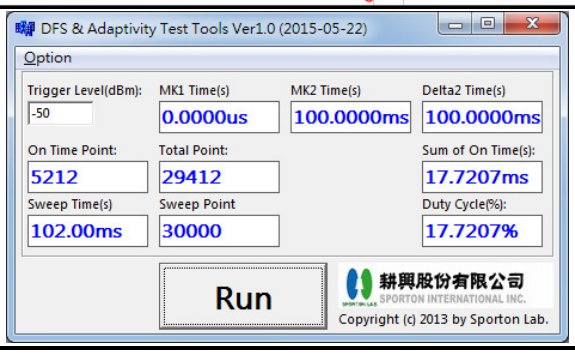


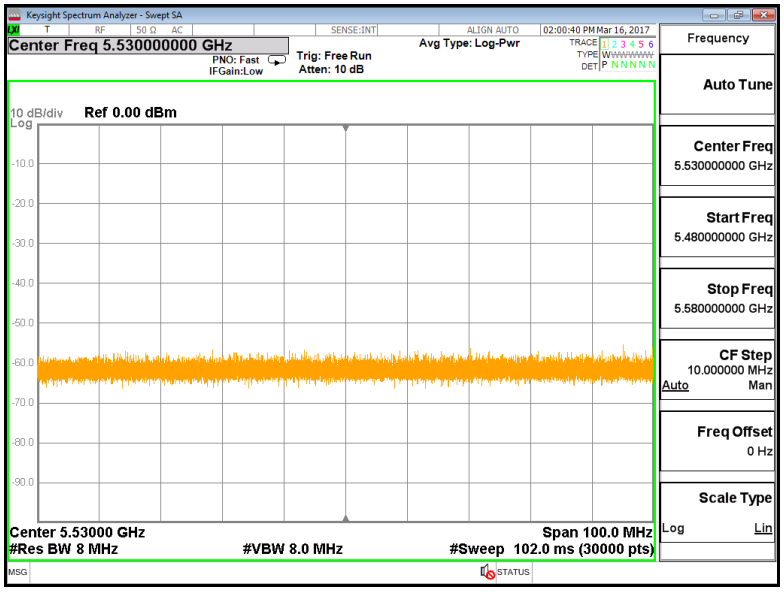
<80MHz / 5530MHz MHz> Radar Type 5

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

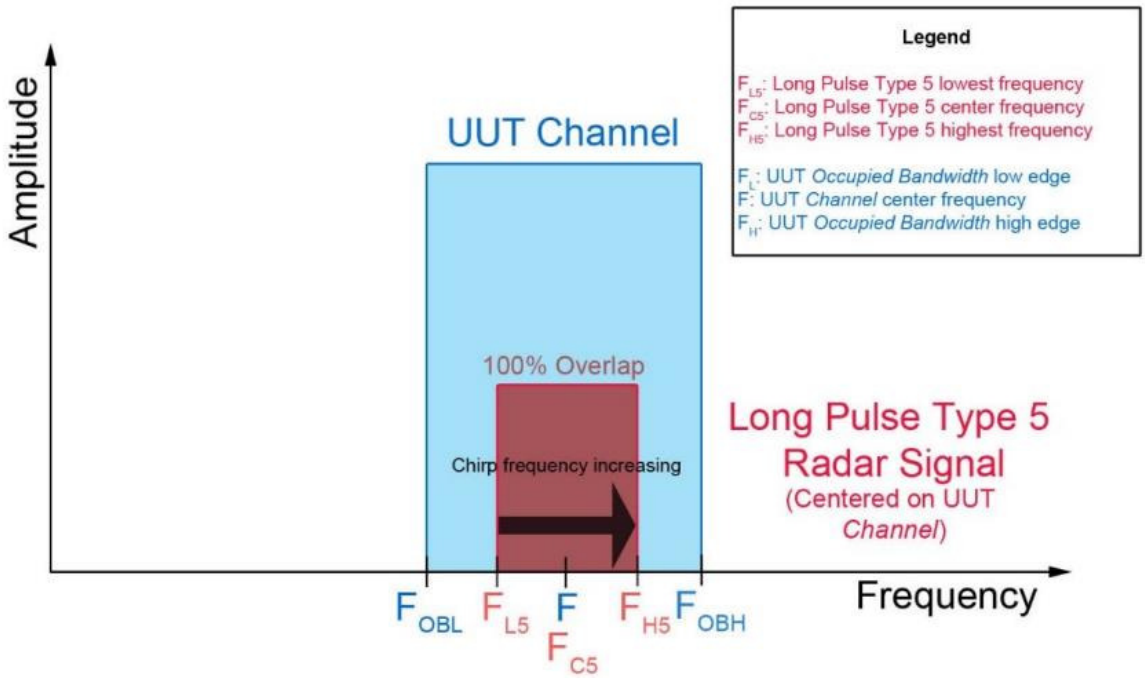
Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per *Burst*	Number of *Bursts*	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

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.

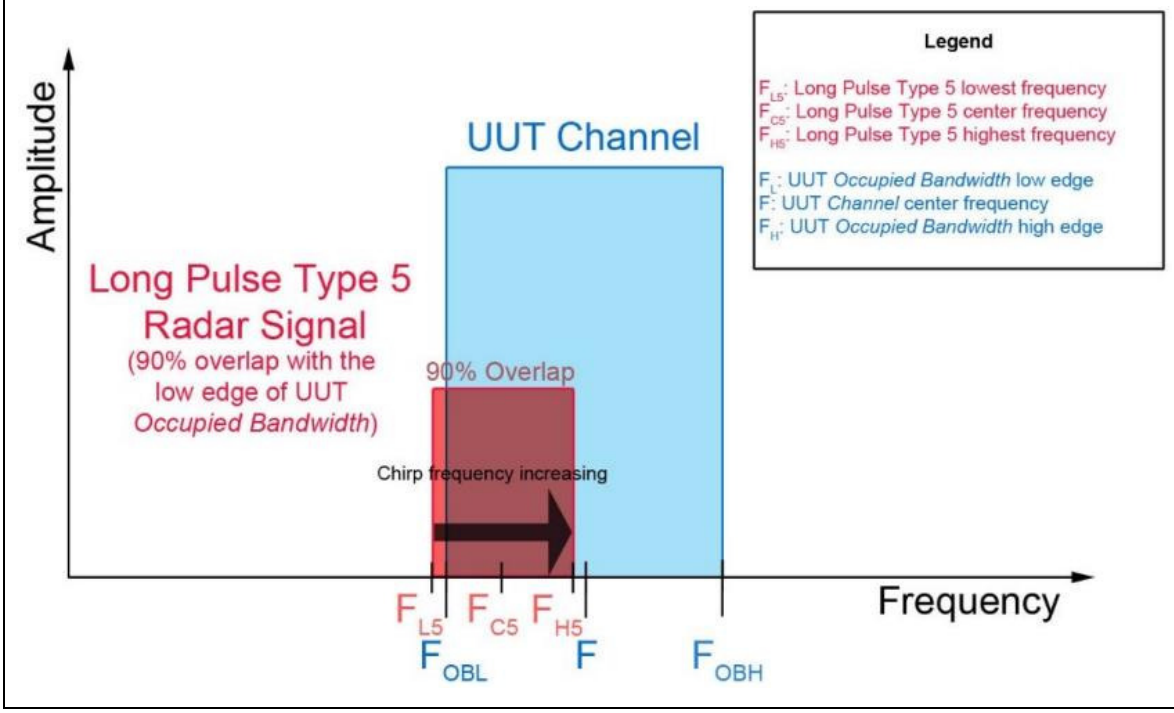
Three subsets of trials will be performed with a minimum of ten trials per subset.
The subset of trials differs in where the Long Pulse Type 5 Signal is tuned in frequency:
a) The Channel center frequency (subset case 1).
b) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation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

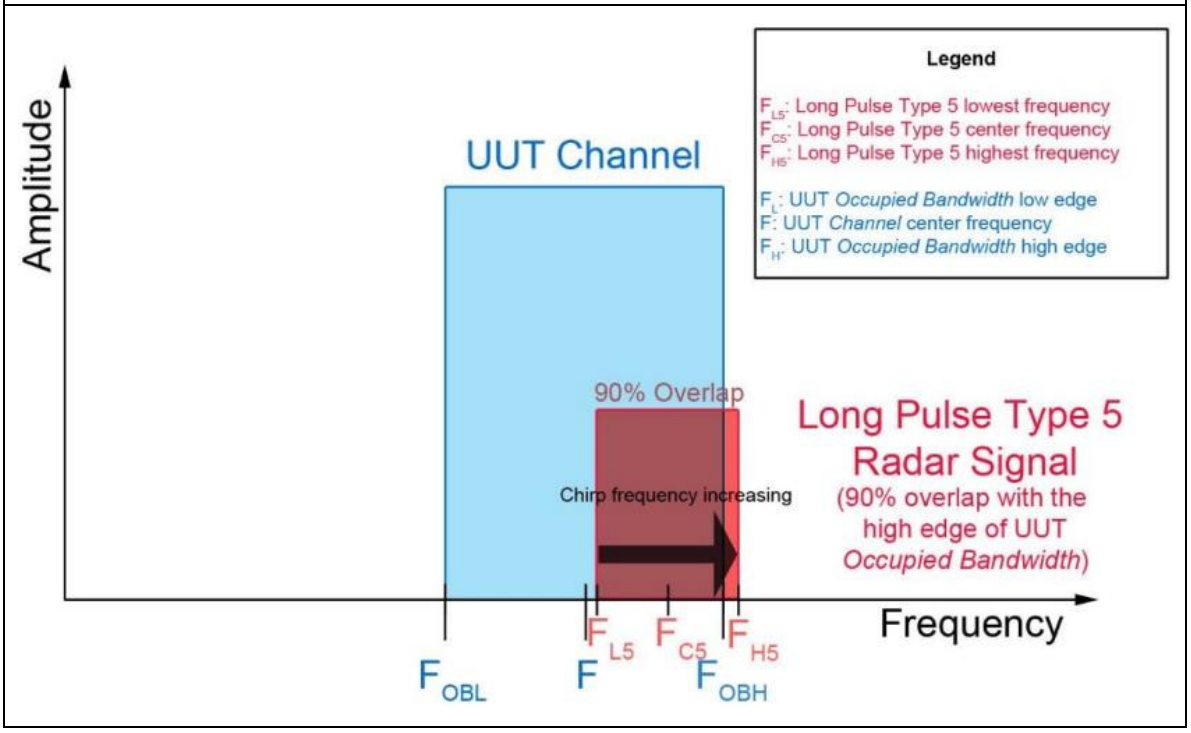
a) Channel center frequency (subset case 1)



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

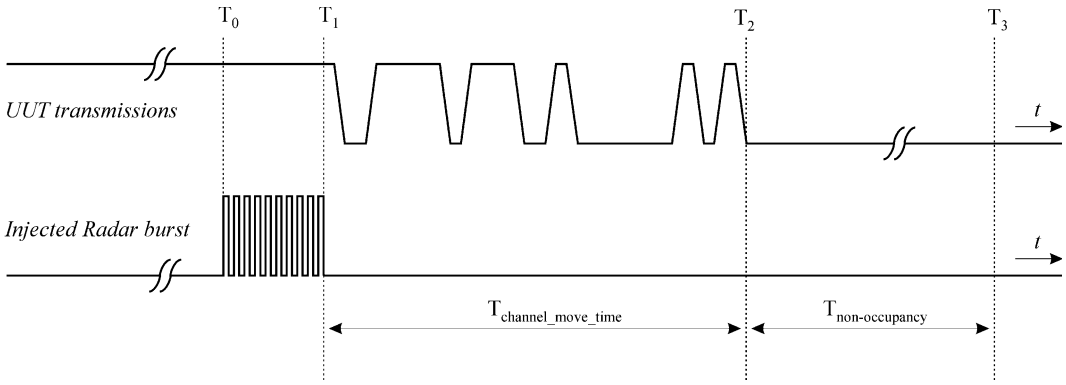
Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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:

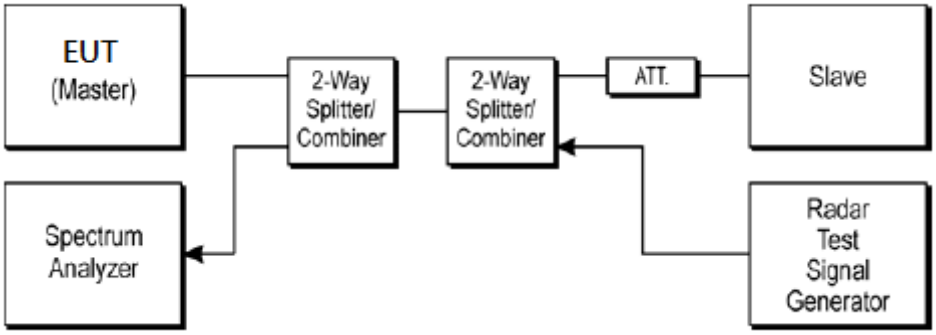
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues 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 TCP protocol unicast data stream was generated by the iperf software command line with at least 17% activity ratio over any 100ms period.
(4) At time T0 the Radar Waveform generator sends a Burst of pulses for each of the Radar Types 1-6 at DFS Detection Threshold levels on the Operating Channel. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
(5) Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 10 seconds for Short Pulse Radar Types 1-4 and 6 to ensure detection occurs.
(6) Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 22 seconds for Long Pulse Radar Type 5 to ensure detection occurs.



3.5.3 Test Setup



3.5.4 Test Deviation

There is no deviation with the original standard.

3.5.5 Result of Statistical Performance Check

<20MHz / 5300MHz >

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
2	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
3	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
7	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
8	**Y**	**N**	**Y**	**N**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**N**	**N**	**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**	**Y**	**Y**	**N**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
21	**Y**	**N**	**Y**	**N**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**N**	**N**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**N**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**29/30**	**27/30**	**24/30**	**23/30**	**28/30**	**30/30**
Probability (%)	**96.67%**	**90%**	**80%**	**76.67%**	**93.33%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**85.83%** (>=80%)			

<40MHz /5310MHz >

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
2	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**N**	**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**	**N**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**N**	**N**	**Y**	**Y**
13	**Y**	**N**	**Y**	**N**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
24	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
28	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
Trial of Detection	**30/30**	**25/30**	**25/30**	**24/30**	**30/30**	**30/30**
Probability (%)	**100%**	**83.33%**	**83.33%**	**80%**	**100%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**86.67%** (>=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**	**N**	**Y**	**Y**
2	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
7	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
8	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
29	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**29/30**	**29/30**	**25/30**	**30/30**	**30/30**
Probability (%)	**100%**	**96.67%**	**96.67%**	**83.33%**	**100%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**94.17%** (>=80%)			

<20MHz / 5500MHz >

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
2	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**Y**	**Y**	**N**
7	**Y**	**Y**	**Y**	**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**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**N**	**Y**	**Y**	**N**
18	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**N**	**Y**	**N**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**N**	**N**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**27/30**	**24/30**	**24/30**	**30/30**	**27/30**
Probability (%)	**100%**	**90%**	**80%**	**80%**	**100%**	**90%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**87.5%** (>=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**	**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**	**Y**	**Y**	**Y**	**Y**	**Y**
7	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
8	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**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**	**N**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**N**	**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**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**26/30**	**28/30**	**27/30**	**30/30**	**30/30**
Probability (%)	**100%**	**86.67%**	**93.33%**	**90%**	**100%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**92.5%** (>=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**	**N**	**Y**	**Y**
2	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
7	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
8	**Y**	**Y**	**N**	**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**	**N**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**N**	**N**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
Trial of Detection	**30/30**	**27/30**	**25/30**	**27/30**	**30/30**	**30/30**
Probability (%)	**100%**	**90%**	**83.33%**	**90%**	**100%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**90.83%** (>=80%)			

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	Agilent	N9010A	MY56070412	10Hz~7GHz	Aug. 05, 2016	Mar. 16, 2017~ Mar. 17, 2017	Aug. 04, 2017	DFS (DFS02-HY)
Signal Generator	Agilent	E4438C	MY49070755	250KHz ~ 6GHz	Sep. 30, 2016	Mar. 16, 2017~ Mar. 17, 2017	Sep. 29, 2017	DFS (DFS02-HY)

Appendix A. Radar Parameters

Channel 60 Bandwidth 20MHz

Report Number : 690215

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	18	1165.50	858	Y
2	21	1089.32	918	Y
3	22	1066.10	938	Y
4	9	1474.93	678	Y
5	19	1138.95	878	Y
6	8	1519.76	658	Y
7	7	1567.40	638	Y
8	11	1392.76	718	Y
9	16	1222.49	818	Y
10	13	1319.26	758	Y
11	5	1672.24	598	Y
12	4	1730.10	578	Y
13	15	1253.13	798	Y
14	17	1193.32	838	Y
15	1	1930.50	518	Y
16		608.64	1643	Y
17		456.62	2190	Y
18		331.13	3020	Y
19		363.64	2750	Y
20		351.00	2849	Y
21		856.90	1167	Y
22		506.33	1975	Y
23		692.52	1444	Y
24		399.52	2503	Y
25		858.37	1165	Y
26		990.10	1010	Y
27		327.76	3051	Y
28		552.79	1809	Y
29		338.64	2953	N
30		645.16	1550	Y

Report Number : 690215

DFS Radar Parameters
FCC Radar Type 2
Channel 60 Bandwidth 20MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	26	3.10	169	Y
2	28	4.00	166	Y
3	28	4.10	222	N
4	23	1.20	193	Y
5	26	2.70	205	Y
6	29	4.80	155	Y
7	25	2.40	209	Y
8	26	3.20	203	N
9	23	1.40	207	Y
10	28	4.30	216	Y
11	28	4.00	208	Y
12	25	2.10	201	Y
13	27	3.70	224	Y
14	26	2.80	204	Y
15	23	1.20	220	Y
16	28	3.90	164	Y
17	29	5.00	179	Y
18	28	4.40	187	Y
19	23	1.20	160	Y
20	29	4.80	190	Y
21	23	1.20	158	N
22	29	4.70	199	Y
23	28	4.20	196	Y
24	28	4.20	215	Y
25	27	3.90	182	Y
26	23	1.30	221	Y
27	27	3.40	210	Y
28	25	2.60	162	Y
29	29	4.60	212	Y
30	25	2.40	181	Y

Report Number : 690215

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	8.10	439	Y
2	18	9.00	373	N
3	18	9.10	441	Y
4	16	6.20	378	Y
5	17	7.70	406	N
6	18	9.80	229	Y
7	17	7.40	269	Y
8	17	8.20	247	Y
9	16	6.40	328	Y
10	18	9.30	356	Y
11	18	9.00	474	Y
12	16	7.10	366	N
13	17	8.70	385	N
14	17	7.80	476	Y
15	16	6.20	290	Y
16	18	8.90	394	Y
17	18	10.00	451	Y
18	18	9.40	443	Y
19	16	6.20	312	Y
20	18	9.80	375	Y
21	16	6.20	267	Y
22	18	9.70	245	Y
23	18	9.20	390	Y
24	18	9.20	494	N
25	18	8.90	498	Y
26	16	6.30	281	Y
27	17	8.40	448	N
28	17	7.60	386	Y
29	18	9.60	433	Y
30	17	7.40	384	Y

Report Number : 690215

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.60	439	N
2	15	17.80	373	Y
3	15	17.90	441	Y
4	12	11.60	378	Y
5	14	14.90	406	Y
6	16	19.40	229	N
7	13	14.20	269	Y
8	14	15.90	247	N
9	12	11.90	328	Y
10	16	18.30	356	Y
11	15	17.80	474	Y
12	13	13.60	366	N
13	15	17.00	385	N
14	14	15.10	476	Y
15	12	11.50	290	Y
16	15	17.50	394	Y
17	16	20.00	451	Y
18	16	18.50	443	Y
19	12	11.50	312	Y
20	16	19.40	375	Y
21	12	11.50	267	N
22	16	19.30	245	Y
23	15	18.10	390	Y
24	15	18.20	494	Y
25	15	17.40	498	Y
26	12	11.70	281	Y
27	15	16.50	448	N
28	13	14.50	386	Y
29	16	19.10	433	Y
30	13	14.10	384	Y

Report Number : 690215

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.7	13	1739	1241	646609
2	3	87.4	13	1172	1459	852941
3	3	88.2	13	1155	1521	206440
4	1	53.5	13	-	1228	414779
5	2	71.8	13	1070	1060	621709
6	3	96.7	13	1131	1084	827576
7	2	68	13	1263	1400	181318
8	2	77.1	13	1935	1064	388403
9	1	55	13	-	1955	596288
10	3	90.7	13	1559	1226	801583
11	3	87.7	13	1898	1437	155331
12	1	64.4	13	-	1434	363551
13	2	83.3	13	1602	1845	569744
14	2	73	13	1651	1911	776688
15						
16						
17						
18						
19						
20						

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	53.1	16	-	1502	107382
2	3	86.1	16	1686	1495	277006
3	3	99.9	16	1924	1475	446747
4	3	91.6	16	1566	1702	617412
5	1	53.2	16	-	1614	86325
6	3	96.7	16	1687	1860	255900
7	1	52.7	16	-	1261	428154
8	3	95.9	16	1771	1177	596223
9	3	89.3	16	1918	1595	64942
10	3	90	16	1889	1293	235220
11	3	85.7	16	1555	1073	405265
12	1	54.4	16	-	1577	577738
13	2	80.4	16	1678	1746	44132
14	2	69.8	16	1001	1808	214688
15	3	95	16	1560	1832	383884
16	2	67.5	16	1748	1653	555256
17	1	60.1	16	-	1240	23219
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:			17			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	89.7	17	1548	1731	193179
2	1	64.5	17	-	1622	364817
3	1	55.4	17	-	1162	535972
4	3	98.4	17	1736	1954	2154
5	1	65.6	17	-	1637	172969
6	1	57.3	17	-	1673	343753
7	1	54.3	17	-	1210	514884
8	3	99	17	1995	1260	682234
9	1	57.9	17	-	1903	151872
10	3	88.1	17	1402	1938	321422
11	3	94.8	17	1822	1378	491302
12	2	67.6	17	1859	1059	663127
13	3	88.2	17	1885	1108	130308
14	1	54.3	17	-	1276	301847
15	3	84.4	17	1866	1648	470146
16	1	60.2	17	-	1692	643246
17	1	64.6	17	-	1980	109798
18						
19						
20						

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	90.5	6	1750	1424	595976
2	2	75.2	6	1179	1561	959816
3	1	57.5	6	-	1906	1323685
4	3	96.7	6	1468	1081	188717
5	2	78.4	6	1098	1984	551827
6	3	93	6	1752	1222	913835
7	3	85.6	6	1109	1840	1276850
8	2	79.9	6	1802	1988	143990
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Report Number : 690215

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

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.2	11	1348	1543	311092
2	3	98.3	11	1147	1953	533827
3	2	67.8	11	1396	1817	757812
4	2	67.4	11	1411	1625	61056
5	1	66.2	11	-	1791	284579
6	3	98.2	11	1732	1883	506220
7	2	82.1	11	1314	1063	730996
8	3	87.5	11	1741	1474	33522
9	2	80.5	11	1851	1513	256617
10	3	98.1	11	1038	1126	479767
11	3	99.9	11	1810	1466	701864
12	2	77.8	11	1124	1706	6086
13	2	74.7	11	1655	1618	229164
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.6	19	1197	1713	292847
2	2	78.7	19	1405	1010	438752
3	3	95.6	19	1826	1638	581382
4	3	92.6	19	1273	1341	130633
5	3	95.3	19	1048	1028	275467
6	1	58.5	19	-	1767	421356
7	1	57.9	19	-	1061	567114
8	2	78.2	19	1499	1643	113043
9	1	51	19	-	1755	258399
10	3	85.6	19	1236	1326	402192
11	1	51.2	19	-	1429	548884
12	3	94.2	19	1649	1641	94916
13	1	65.8	19	-	1920	240460
14	2	79.3	19	1114	1699	384938
15	2	69.8	19	1352	1788	529484
16	1	59.9	19	-	1117	77644
17	1	63.4	19	-	1749	222657
18	1	61.3	19	-	1553	367872
19	2	71.6	19	1361	1249	512108
20	2	69.8	19	1007	1376	59626

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Trial Number:			7			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	82.5	13	1187	1647	201429
2	3	90	13	1113	1200	394349
3	1	52.9	13	-	1587	589025
4	3	96.5	13	1428	1480	779568
5	1	62	13	-	1515	177908
6	1	54	13	-	1905	371385
7	2	83.2	13	1632	1793	563872
8	3	84.4	13	1246	1141	756383
9	2	77.6	13	1288	1078	153890
10	1	51.6	13	-	1605	347673
11	3	97.2	13	1477	1597	539339
12	1	62.7	13	-	1340	735188
13	1	66.6	13	-	1101	130267
14	2	73.3	13	1357	1006	323514
15	1	50.4	13	-	1535	517503
16						
17						
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.5	13	1187	1647	201429
2	3	90	13	1113	1200	394349
3	1	52.9	13	-	1587	589025
4	3	96.5	13	1428	1480	779568
5	1	62	13	-	1515	177908
6	1	54	13	-	1905	371385
7	2	83.2	13	1632	1793	563872
8	3	84.4	13	1246	1141	756383
9	2	77.6	13	1288	1078	153890
10	1	51.6	13	-	1605	347673
11	3	97.2	13	1477	1597	539339
12	1	62.7	13	-	1340	735188
13	1	66.6	13	-	1101	130267
14	2	73.3	13	1357	1006	323514
15	1	50.4	13	-	1535	517503
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Trial Number:			9			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68.9	6	1395	1393	1185054
2	1	62.3	6	-	1302	177406
3	2	77.5	6	1264	1389	499958
4	2	67	6	1658	1591	822321
5	3	86.8	6	1368	1536	1143882
6	2	78.3	6	1225	1168	137499
7	1	57.9	6	-	1728	460524
8	1	56.2	6	-	1042	783884
9	2	70.1	6	1634	1558	1105220
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Trial Number:			10			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	69.6	18	1581	1518	48730
2	1	59	18	-	1123	210290
3	1	61	18	-	1146	371693
4	1	53.5	18	-	1373	532921
5	2	68.6	18	1657	1503	28903
6	3	95.3	18	1130	1256	189696
7	3	98.1	18	1610	1554	350117
8	3	93.4	18	1072	1259	511089
9	2	79.2	18	1489	1806	9080
10	2	66.7	18	1170	1735	170068
11	1	61.6	18	-	1576	331714
12	2	75.8	18	1546	1360	492034
13	2	76.3	18	1247	1071	653595
14	2	73.3	18	1514	1004	150326
15	3	98	18	1445	1549	310261
16	1	59.4	18	-	1730	473041
17	2	78.1	18	1203	1744	633148
18	3	87.2	18	1798	1407	130131
19						
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5297.425			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.3	17	1959	1693	307778
2	2	66.7	17	1781	1785	478652
3	2	70.3	17	1551	1303	649644
4	3	96.4	17	1438	1485	116825
5	2	69.9	17	1639	1258	287611
6	1	58.3	17	-	1842	458794
7	3	91.3	17	1747	1076	627755
8	2	71	17	1668	1599	96063
9	1	50.3	17	-	1386	267182
10	1	52.7	17	-	1711	437843
11	3	90.7	17	1962	1504	605546
12	2	69.6	17	1573	1861	75055
13	1	56.2	17	-	1740	246012
14	2	74.5	17	1498	1789	415873
15	3	83.7	17	1018	1601	585350
16	2	82.8	17	1633	1430	54098
17	2	76.9	17	1725	1862	224386
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5294.225			Yes
Burst	Number of Pulses	Pulse 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	53	-	1023	612555
2	3	93.1	93.1	1853	1626	873998
3	2	79.6	79.6	1890	1182	51235
4	1	65.8	65.8	-	1418	315549
5	2	82.3	82.3	1894	1045	578976
6	1	53.6	53.6	-	1404	844032
7	1	53.7	53.7	-	1104	18771
8	3	83.5	83.5	1762	1152	282206
9	3	99.9	99.9	1140	1940	545437
10	1	61.6	61.6	-	1628	811317
11	2	74.6	74.6	1833	1306	1074010
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5296.625			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.7	15	1422	1399	171341
2	3	89	15	1379	1893	352172
3	2	79.6	15	1190	1119	534557
4	1	57.6	15	-	1963	716227
5	1	58.6	15	-	1209	149763
6	3	91.1	15	1714	1677	329531
7	1	65.7	15	-	1391	512849
8	3	89.5	15	1695	1864	691395
9	3	99.9	15	1709	1724	126768
10	2	73.2	15	1701	1167	308314
11	3	89.1	15	1322	1923	488500
12	1	52.7	15	-	1103	672305
13	1	62.2	15	-	1251	105018
14	3	97.7	15	1254	1547	285406
15	3	95	15	1292	1999	466279
16	3	95.4	15	1143	1214	647239
17						
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19						
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5295.425			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	52.7	12	-	1531	101724
2	1	59.5	12	-	1444	325258
3	1	60.4	12	-	1362	548832
4	3	87.2	12	1271	1224	770312
5	3	92.2	12	1676	1799	73940
6	3	93.5	12	1664	1965	296494
7	3	96.5	12	1041	1629	519481
8	3	94.9	12	1237	1343	743029
9	1	66.3	12	-	1886	46644
10	3	98.6	12	1914	1875	269044
11	2	71.4	12	1370	1194	493117
12	1	59.9	12	-	1685	717054
13	1	63.1	12	-	1021	19142
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5293.025			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	66.5	6	-	1423	394563
2	1	62.9	6	-	1127	758165
3	2	70	6	1458	1433	1120369
4	3	96.7	6	1590	1852	1481711
5	1	66.6	6	-	1761	349715
6	2	78.3	6	1754	1666	712296
7	1	61.3	6	-	1286	1076797
8	2	73.1	6	1349	1818	1438475
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5297.025			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	83	16	1613	1989	142945
2	1	61	16	-	1640	314145
3	1	65.2	16	-	1324	485164
4	1	58.8	16	-	1891	655514
5	3	94.2	16	1512	1149	121892
6	2	83	16	1185	1671	292600
7	1	53.6	16	-	1457	464028
8	1	64	16	-	1173	635129
9	3	90.4	16	1846	1363	100892
10	2	67.4	16	1508	1285	271622
11	2	68.2	16	1538	1160	442203
12	3	87.4	16	1383	1215	611409
13	1	58.3	16	-	1719	80219
14	1	51	16	-	1787	250976
15	2	73.9	16	1403	1039	421350
16	3	89.5	16	1336	1100	590679
17	2	74.5	16	1556	1879	59038
18						
19						
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Channel 60 Bandwidth 20MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5298.625			No
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.5	20	1069	1426	195132
2	3	99.2	20	1997	1930	338239
3	3	92.6	20	1569	1129	483177
4	3	84.8	20	1807	1082	32265
5	3	91.3	20	1800	1617	176423
6	1	60.1	20	-	1047	322976
7	2	69.7	20	1329	1077	467179
8	1	55.8	20	-	1351	14546
9	2	76.4	20	1488	1506	159299
10	2	83.3	20	1835	1030	304157
11	1	60.3	20	-	1043	450351
12	2	69	20	1377	1932	593364
13	1	56	20	-	1111	141910
14	3	95.7	20	1836	1507	285465
15	2	69.3	20	1790	1947	430512
16	3	83.6	20	1981	1751	573239
17	2	72.2	20	1927	1950	123445
18	2	69.7	20	1148	1667	268502
19	3	98.6	20	1334	1878	412308
20	3	95.3	20	1759	1128	556618

Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5297.825			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.4	18	1136	1219	117720
2	3	98	18	1029	1319	278249
3	1	60.4	18	-	1992	440194
4	3	92.9	18	1327	1253	599875
5	2	80.8	18	1612	1005	97836
6	2	76	18	1062	1958	258732
7	2	81.1	18	1578	1792	419465
8	1	53.2	18	-	1738	581764
9	2	72.5	18	1305	1496	77976
10	1	54.7	18	-	1824	239336
11	1	65.5	18	-	1884	400545
12	3	89	18	1121	1412	559586
13	2	80.6	18	1756	1723	58084
14	2	72.2	18	1171	1991	219033
15	3	84.1	18	1257	1982	379200
16	2	79.2	18	1312	1939	540802
17	2	68.8	18	1369	1550	38304
18	3	88.4	18	1052	1882	198805
19						
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5293.025			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.7	6	1350.000	1758.000	811540
2	1	50.9	6	-	1371.000	1176878
3	3	95.6	6	1232.000	1374.000	41644
4	1	52.9	6	-	1425.000	405163
5	2	67.8	6	1929.000	1500.000	767587
6	3	99.8	6	1516.000	1133.000	1129722
7	3	93.3	6	1415.000	1682.000	1492071
8	3	95.1	6	1520.000	1582.000	359636
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5298.225			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	84.3	19	1122	1919	287439
2	2	71.7	19	1317	1049	433616
3	3	98.9	19	1827	1588	576524
4	1	53.8	19	-	1877	125975
5	3	86.2	19	1313	1183	270013
6	2	81.3	19	1205	1102	415803
7	2	75.4	19	1998	1600	559551
8	3	94.3	19	1765	1150	107599
9	3	96.1	19	1494	1217	252349
10	3	84.6	19	1156	1346	397013
11	3	88.7	19	1453	1663	540996
12	3	99.8	19	1315	1519	89940
13	1	53.9	19	-	1712	235367
14	1	65.3	19	-	1294	380736
15	2	79	19	1354	1753	524348
16	1	66.4	19	-	1384	72429
17	2	83.3	19	1660	1848	216840
18	2	71.6	19	1330	1589	361865
19	2	67.7	19	1760	1552	506343
20	2	71.3	19	1096	1942	54395

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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5307.375			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.4	5	1353	1427	498908
2	3	83.9	5	1328	1455	861811
3	1	61.5	5	-	1035	1227224
4	3	90.2	5	1804	1956	91568
5	1	64.7	5	-	1607	455177
6	3	83.8	5	1983	1238	817037
7	2	78.1	5	1262	1016	1181463
8	3	97.6	5	1138	1085	46931
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5301.775			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	99.7	19	1698	1452	171598
2	2	75.4	19	1115	2000	324560
3	2	80.2	19	1199	1105	477598
4	1	60.7	19	-	1195	944
5	3	99.6	19	2000	1439	153019
6	3	85.8	19	1207	1674	305064
7	3	91.7	19	1300	1604	457261
8	1	59.4	19	-	1460	612238
9	1	54.3	19	-	1530	134928
10	2	68.6	19	1158	1764	287099
11	2	68.6	19	1188	1392	439807
12	3	84.3	19	1501	1333	590301
13	1	63.6	19	-	1380	116133
14	3	86.4	19	1255	1509	267834
15	2	76.1	19	1390	1912	420533
16	3	99.6	19	1718	1562	571958
17	3	90.5	19	1278	1567	96791
18	2	69.1	19	1414	1277	249629
19	3	84.5	19	1865	1913	400716
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Trial Number:			23			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5302.575			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76.3	17	1926	1726	584779
2	2	72	17	1944	1776	82558
3	2	79.1	17	1813	1191	243606
4	2	69.7	17	1951	1015	404588
5	3	96.2	17	1079	1367	564375
6	2	82	17	1598	1694	62793
7	2	72	17	1868	1181	223764
8	1	56.6	17	-	1230	385767
9	1	50.4	17	-	1151	547221
10	1	60.2	17	-	1778	43073
11	1	58.7	17	-	1669	204363
12	3	89.1	17	1683	1342	364330
13	1	52.3	17	-	1654	526941
14	1	53.1	17	-	1296	23227
15	2	77.8	17	1483	1895	184023
16	3	94.6	17	1163	1910	344285
17	2	70.7	17	1973	1011	506060
18	1	54.3	17	-	1381	3349
19						
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Trial Number:			24			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5302.575			Yes
Burst	Number of Pulses	Pulse 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	17	1948	1696	164141
2	1	50.2	17	-	1099	326193
3	2	68.2	17	1013	1283	486737
4	2	73.7	17	1269	1125	647772
5	2	69.5	17	1056	1858	144493
6	1	62.1	17	-	1464	306141
7	1	64.6	17	-	1662	467335
8	1	52.9	17	-	1267	628993
9	3	83.5	17	1408	1201	124445
10	1	57.6	17	-	1700	286167
11	1	52	17	-	1937	447283
12	1	57.7	17	-	1690	608727
13	1	61.9	17	-	1112	105119
14	3	99.7	17	1054	1857	265200
15	3	95.7	17	1934	1234	425492
16	3	99.4	17	1416	1110	587152
17	1	51.7	17	-	1570	85178
18	2	75.6	17	1031	1870	245991
19						
20						

Report Number : 690215

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

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5302.975			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	70.6	16	1413	1490	431019
2	1	55.7	16	-	1307	602879
3	3	84	16	1290	1811	68835
4	2	78.7	16	1969	1337	239386
5	2	77.5	16	1032	1299	410351
6	2	79.2	16	1856	1517	580124
7	3	91.3	16	1274	1417	47906
8	3	99.3	16	1631	1003	218001
9	3	95.7	16	1144	1268	388195
10	2	79.5	16	1615	1233	559555
11	1	66.3	16	-	1282	27088
12	2	81.1	16	1075	1051	197739
13	3	85.9	16	1769	1563	367152
14	3	91.8	16	1287	1987	537098
15	1	55.3	16	-	1534	6037
16	3	95.3	16	1289	1009	176258
17	1	62.5	16	-	1486	347714
18						
19						
20						

Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5306.975			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68.9	6	1347	1298	979606
2	1	66.3	6	-	1542	1303419
3	1	52.6	6	-	1058	294736
4	1	52.4	6	-	1463	617667
5	2	66.9	6	1727	1734	939276
6	1	55	6	-	1091	1264061
7	3	93.2	6	1164	1089	254374
8	3	98.6	6	1985	1180	576317
9	1	64.3	6	-	1388	900949
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Report Number : 690215

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

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5303.775			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	54.5	14	-	1365	733905
2	3	92.7	14	1227	1545	128530
3	3	98.3	14	1684	1074	321295
4	1	59.1	14	-	1620	516187
5	3	93.5	14	1688	1284	707395
6	1	52.9	14	-	1356	105105
7	1	51.4	14	-	1040	298920
8	1	52.1	14	-	1815	492215
9	2	73.9	14	1772	1585	684475
10	1	65	14	-	1166	81266
11	2	70.4	14	1888	1916	274100
12	3	99.3	14	1212	1522	467164
13	2	72.7	14	1915	1828	660356
14	3	89	14	1630	1705	57154
15	2	82.5	14	1487	1978	250421
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19						
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5304.975			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	70.3	11	1097	1311	512738
2	1	66.5	11	-	1544	736720
3	3	85.1	11	1541	1231	38570
4	3	86.7	11	1867	1092	261371
5	1	52.4	11	-	1697	485608
6	2	71.8	11	1854	1420	707858
7	1	60.3	11	-	1917	11153
8	1	52.3	11	-	1908	234565
9	2	66.7	11	1871	1652	457175
10	3	87.1	11	1174	1820	679269
11	2	76.7	11	1967	1497	903274
12	2	83.1	11	1901	1505	206709
13	3	99.2	11	1266	1733	429166
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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:			19			
Chirp Center Frequency:			5301.775			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	73.1	19	1057	1281	446653
2	1	53.6	19	-	1801	599775
3	1	50.6	19	-	1355	122825
4	3	90.8	19	1107	1949	274129
5	2	80.2	19	1596	1575	427288
6	1	63.2	19	-	1533	581208
7	2	74.7	19	1198	1957	103700
8	3	98.6	19	1768	1472	255623
9	1	50.9	19	-	1435	409643
10	3	86.5	19	1176	1729	559567
11	3	86.1	19	1609	1065	84812
12	1	63.3	19	-	1132	238103
13	2	79.6	19	1338	1720	389812
14	3	83.7	19	1941	1465	540269
15	2	67.8	19	1206	1308	66220
16	3	90.4	19	1819	1025	218170
17	2	74.8	19	1976	1304	370904
18	1	63.3	19	-	1795	524523
19	3	96.3	19	1593	1584	47268
20						

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5305.375			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.3	10	1068	1847	316997
2	2	70.2	10	1594	1966	558460
3	2	82.1	10	1410	1467	800677
4	1	50.4	10	-	1345	45457
5	2	69.9	10	1583	1440	287179
6	1	56.5	10	-	1461	529806
7	3	96.1	10	1382	1142	769944
8	3	92.6	10	1964	1971	15557
9	3	94.2	10	1165	1067	257155
10	3	90.3	10	1708	1202	498403
11	2	81.6	10	1689	1169	741114
12	2	72.1	10	1557	1794	982466
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Channel 62 Bandwidth 40MHz

Report Number : 690215

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	18	1165.50	858	Y
2	21	1089.32	918	Y
3	22	1066.10	938	Y
4	9	1474.93	678	Y
5	19	1138.95	878	Y
6	8	1519.76	658	Y
7	7	1567.40	638	Y
8	11	1392.76	718	Y
9	16	1222.49	818	Y
10	13	1319.26	758	Y
11	5	1672.24	598	Y
12	4	1730.10	578	Y
13	15	1253.13	798	Y
14	17	1193.32	838	Y
15	1	1930.50	518	Y
16		608.64	1643	Y
17		456.62	2190	Y
18		331.13	3020	Y
19		363.64	2750	Y
20		351.00	2849	Y
21		856.90	1167	Y
22		506.33	1975	Y
23		692.52	1444	Y
24		399.52	2503	Y
25		858.37	1165	Y
26		990.10	1010	Y
27		327.76	3051	Y
28		552.79	1809	Y
29		338.64	2953	Y
30		645.16	1550	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	26	3.10	169	Y
2	28	4.00	166	Y
3	28	4.10	222	Y
4	23	1.20	193	N
5	26	2.70	205	Y
6	29	4.80	155	Y
7	25	2.40	209	Y
8	26	3.20	203	Y
9	23	1.40	207	N
10	28	4.30	216	Y
11	28	4.00	208	Y
12	25	2.10	201	Y
13	27	3.70	224	N
14	26	2.80	204	Y
15	23	1.20	220	N
16	28	3.90	164	Y
17	29	5.00	179	Y
18	28	4.40	187	Y
19	23	1.20	160	Y
20	29	4.80	190	Y
21	23	1.20	158	Y
22	29	4.70	199	Y
23	28	4.20	196	Y
24	28	4.20	215	N
25	27	3.90	182	Y
26	23	1.30	221	Y
27	27	3.40	210	Y
28	25	2.60	162	Y
29	29	4.60	212	Y
30	25	2.40	181	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	8.10	439	Y
2	18	9.00	373	N
3	18	9.10	441	Y
4	16	6.20	378	Y
5	17	7.70	406	Y
6	18	9.80	229	Y
7	17	7.40	269	Y
8	17	8.20	247	Y
9	16	6.40	328	Y
10	18	9.30	356	Y
11	18	9.00	474	Y
12	16	7.10	366	N
13	17	8.70	385	Y
14	17	7.80	476	Y
15	16	6.20	290	Y
16	18	8.90	394	Y
17	18	10.00	451	Y
18	18	9.40	443	N
19	16	6.20	312	Y
20	18	9.80	375	Y
21	16	6.20	267	Y
22	18	9.70	245	Y
23	18	9.20	390	N
24	18	9.20	494	Y
25	18	8.90	498	Y
26	16	6.30	281	Y
27	17	8.40	448	Y
28	17	7.60	386	N
29	18	9.60	433	Y
30	17	7.40	384	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.60	439	N
2	15	17.80	373	Y
3	15	17.90	441	Y
4	12	11.60	378	Y
5	14	14.90	406	N
6	16	19.40	229	Y
7	13	14.20	269	Y
8	14	15.90	247	Y
9	12	11.90	328	Y
10	16	18.30	356	Y
11	15	17.80	474	Y
12	13	13.60	366	N
13	15	17.00	385	N
14	14	15.10	476	Y
15	12	11.50	290	Y
16	15	17.50	394	Y
17	16	20.00	451	Y
18	16	18.50	443	Y
19	12	11.50	312	Y
20	16	19.40	375	Y
21	12	11.50	267	Y
22	16	19.30	245	Y
23	15	18.10	390	Y
24	15	18.20	494	Y
25	15	17.40	498	Y
26	12	11.70	281	Y
27	15	16.50	448	N
28	13	14.50	386	Y
29	16	19.10	433	Y
30	13	14.10	384	N

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.7	13	1739	1241	646609
2	3	87.4	13	1172	1459	852941
3	3	88.2	13	1155	1521	206440
4	1	53.5	13	-	1228	414779
5	2	71.8	13	1070	1060	621709
6	3	96.7	13	1131	1084	827576
7	2	68	13	1263	1400	181318
8	2	77.1	13	1935	1064	388403
9	1	55	13	-	1955	596288
10	3	90.7	13	1559	1226	801583
11	3	87.7	13	1898	1437	155331
12	1	64.4	13	-	1434	363551
13	2	83.3	13	1602	1845	569744
14	2	73	13	1651	1911	776688
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	53.1	16	-	1502	107382
2	3	86.1	16	1686	1495	277006
3	3	99.9	16	1924	1475	446747
4	3	91.6	16	1566	1702	617412
5	1	53.2	16	-	1614	86325
6	3	96.7	16	1687	1860	255900
7	1	52.7	16	-	1261	428154
8	3	95.9	16	1771	1177	596223
9	3	89.3	16	1918	1595	64942
10	3	90	16	1889	1293	235220
11	3	85.7	16	1555	1073	405265
12	1	54.4	16	-	1577	577738
13	2	80.4	16	1678	1746	44132
14	2	69.8	16	1001	1808	214688
15	3	95	16	1560	1832	383884
16	2	67.5	16	1748	1653	555256
17	1	60.1	16	-	1240	23219
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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:			17			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	89.7	17	1548	1731	193179
2	1	64.5	17	-	1622	364817
3	1	55.4	17	-	1162	535972
4	3	98.4	17	1736	1954	2154
5	1	65.6	17	-	1637	172969
6	1	57.3	17	-	1673	343753
7	1	54.3	17	-	1210	514884
8	3	99	17	1995	1260	682234
9	1	57.9	17	-	1903	151872
10	3	88.1	17	1402	1938	321422
11	3	94.8	17	1822	1378	491302
12	2	67.6	17	1859	1059	663127
13	3	88.2	17	1885	1108	130308
14	1	54.3	17	-	1276	301847
15	3	84.4	17	1866	1648	470146
16	1	60.2	17	-	1692	643246
17	1	64.6	17	-	1980	109798
18						
19						
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	90.5	6	1750	1424	595976
2	2	75.2	6	1179	1561	959816
3	1	57.5	6	-	1906	1323685
4	3	96.7	6	1468	1081	188717
5	2	78.4	6	1098	1984	551827
6	3	93	6	1752	1222	913835
7	3	85.6	6	1109	1840	1276850
8	2	79.9	6	1802	1988	143990
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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:			13			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.2	11	1348	1543	311092
2	3	98.3	11	1147	1953	533827
3	2	67.8	11	1396	1817	757812
4	2	67.4	11	1411	1625	61056
5	1	66.2	11	-	1791	284579
6	3	98.2	11	1732	1883	506220
7	2	82.1	11	1314	1063	730996
8	3	87.5	11	1741	1474	33522
9	2	80.5	11	1851	1513	256617
10	3	98.1	11	1038	1126	479767
11	3	99.9	11	1810	1466	701864
12	2	77.8	11	1124	1706	6086
13	2	74.7	11	1655	1618	229164
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.6	19	1197	1713	292847
2	2	78.7	19	1405	1010	438752
3	3	95.6	19	1826	1638	581382
4	3	92.6	19	1273	1341	130633
5	3	95.3	19	1048	1028	275467
6	1	58.5	19	-	1767	421356
7	1	57.9	19	-	1061	567114
8	2	78.2	19	1499	1643	113043
9	1	51	19	-	1755	258399
10	3	85.6	19	1236	1326	402192
11	1	51.2	19	-	1429	548884
12	3	94.2	19	1649	1641	94916
13	1	65.8	19	-	1920	240460
14	2	79.3	19	1114	1699	384938
15	2	69.8	19	1352	1788	529484
16	1	59.9	19	-	1117	77644
17	1	63.4	19	-	1749	222657
18	1	61.3	19	-	1553	367872
19	2	71.6	19	1361	1249	512108
20	2	69.8	19	1007	1376	59626

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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:			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	82.5	13	1187	1647	201429
2	3	90	13	1113	1200	394349
3	1	52.9	13	-	1587	589025
4	3	96.5	13	1428	1480	779568
5	1	62	13	-	1515	177908
6	1	54	13	-	1905	371385
7	2	83.2	13	1632	1793	563872
8	3	84.4	13	1246	1141	756383
9	2	77.6	13	1288	1078	153890
10	1	51.6	13	-	1605	347673
11	3	97.2	13	1477	1597	539339
12	1	62.7	13	-	1340	735188
13	1	66.6	13	-	1101	130267
14	2	73.3	13	1357	1006	323514
15	1	50.4	13	-	1535	517503
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.5	13	1187	1647	201429
2	3	90	13	1113	1200	394349
3	1	52.9	13	-	1587	589025
4	3	96.5	13	1428	1480	779568
5	1	62	13	-	1515	177908
6	1	54	13	-	1905	371385
7	2	83.2	13	1632	1793	563872
8	3	84.4	13	1246	1141	756383
9	2	77.6	13	1288	1078	153890
10	1	51.6	13	-	1605	347673
11	3	97.2	13	1477	1597	539339
12	1	62.7	13	-	1340	735188
13	1	66.6	13	-	1101	130267
14	2	73.3	13	1357	1006	323514
15	1	50.4	13	-	1535	517503
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Channel 62 Bandwidth 40MHz

Trial Number:			9			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68.9	6	1395	1393	1185054
2	1	62.3	6	-	1302	177406
3	2	77.5	6	1264	1389	499958
4	2	67	6	1658	1591	822321
5	3	86.8	6	1368	1536	1143882
6	2	78.3	6	1225	1168	137499
7	1	57.9	6	-	1728	460524
8	1	56.2	6	-	1042	783884
9	2	70.1	6	1634	1558	1105220
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Trial Number:			10			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	69.6	18	1581	1518	48730
2	1	59	18	-	1123	210290
3	1	61	18	-	1146	371693
4	1	53.5	18	-	1373	532921
5	2	68.6	18	1657	1503	28903
6	3	95.3	18	1130	1256	189696
7	3	98.1	18	1610	1554	350117
8	3	93.4	18	1072	1259	511089
9	2	79.2	18	1489	1806	9080
10	2	66.7	18	1170	1735	170068
11	1	61.6	18	-	1576	331714
12	2	75.8	18	1546	1360	492034
13	2	76.3	18	1247	1071	653595
14	2	73.3	18	1514	1004	150326
15	3	98	18	1445	1549	310261
16	1	59.4	18	-	1730	473041
17	2	78.1	18	1203	1744	633148
18	3	87.2	18	1798	1407	130131
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5298.6765			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.3	17	1959	1693	307778
2	2	66.7	17	1781	1785	478652
3	2	70.3	17	1551	1303	649644
4	3	96.4	17	1438	1485	116825
5	2	69.9	17	1639	1258	287611
6	1	58.3	17	-	1842	458794
7	3	91.3	17	1747	1076	627755
8	2	71	17	1668	1599	96063
9	1	50.3	17	-	1386	267182
10	1	52.7	17	-	1711	437843
11	3	90.7	17	1962	1504	605546
12	2	69.6	17	1573	1861	75055
13	1	56.2	17	-	1740	246012
14	2	74.5	17	1498	1789	415873
15	3	83.7	17	1018	1601	585350
16	2	82.8	17	1633	1430	54098
17	2	76.9	17	1725	1862	224386
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5295.4765			Yes
Burst	Number of Pulses	Pulse 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	53	-	1023	612555
2	3	93.1	93.1	1853	1626	873998
3	2	79.6	79.6	1890	1182	51235
4	1	65.8	65.8	-	1418	315549
5	2	82.3	82.3	1894	1045	578976
6	1	53.6	53.6	-	1404	844032
7	1	53.7	53.7	-	1104	18771
8	3	83.5	83.5	1762	1152	282206
9	3	99.9	99.9	1140	1940	545437
10	1	61.6	61.6	-	1628	811317
11	2	74.6	74.6	1833	1306	1074010
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5297.8765			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.7	15	1422	1399	171341
2	3	89	15	1379	1893	352172
3	2	79.6	15	1190	1119	534557
4	1	57.6	15	-	1963	716227
5	1	58.6	15	-	1209	149763
6	3	91.1	15	1714	1677	329531
7	1	65.7	15	-	1391	512849
8	3	89.5	15	1695	1864	691395
9	3	99.9	15	1709	1724	126768
10	2	73.2	15	1701	1167	308314
11	3	89.1	15	1322	1923	488500
12	1	52.7	15	-	1103	672305
13	1	62.2	15	-	1251	105018
14	3	97.7	15	1254	1547	285406
15	3	95	15	1292	1999	466279
16	3	95.4	15	1143	1214	647239
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5296.6765			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	52.7	12	-	1531	101724
2	1	59.5	12	-	1444	325258
3	1	60.4	12	-	1362	548832
4	3	87.2	12	1271	1224	770312
5	3	92.2	12	1676	1799	73940
6	3	93.5	12	1664	1965	296494
7	3	96.5	12	1041	1629	519481
8	3	94.9	12	1237	1343	743029
9	1	66.3	12	-	1886	46644
10	3	98.6	12	1914	1875	269044
11	2	71.4	12	1370	1194	493117
12	1	59.9	12	-	1685	717054
13	1	63.1	12	-	1021	19142
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5294.2765			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	66.5	6	-	1423	394563
2	1	62.9	6	-	1127	758165
3	2	70	6	1458	1433	1120369
4	3	96.7	6	1590	1852	1481711
5	1	66.6	6	-	1761	349715
6	2	78.3	6	1754	1666	712296
7	1	61.3	6	-	1286	1076797
8	2	73.1	6	1349	1818	1438475
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5298.2765			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	83	16	1613	1989	142945
2	1	61	16	-	1640	314145
3	1	65.2	16	-	1324	485164
4	1	58.8	16	-	1891	655514
5	3	94.2	16	1512	1149	121892
6	2	83	16	1185	1671	292600
7	1	53.6	16	-	1457	464028
8	1	64	16	-	1173	635129
9	3	90.4	16	1846	1363	100892
10	2	67.4	16	1508	1285	271622
11	2	68.2	16	1538	1160	442203
12	3	87.4	16	1383	1215	611409
13	1	58.3	16	-	1719	80219
14	1	51	16	-	1787	250976
15	2	73.9	16	1403	1039	421350
16	3	89.5	16	1336	1100	590679
17	2	74.5	16	1556	1879	59038
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			17			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5299.8765			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.5	20	1069	1426	195132
2	3	99.2	20	1997	1930	338239
3	3	92.6	20	1569	1129	483177
4	3	84.8	20	1807	1082	32265
5	3	91.3	20	1800	1617	176423
6	1	60.1	20	-	1047	322976
7	2	69.7	20	1329	1077	467179
8	1	55.8	20	-	1351	14546
9	2	76.4	20	1488	1506	159299
10	2	83.3	20	1835	1030	304157
11	1	60.3	20	-	1043	450351
12	2	69	20	1377	1932	593364
13	1	56	20	-	1111	141910
14	3	95.7	20	1836	1507	285465
15	2	69.3	20	1790	1947	430512
16	3	83.6	20	1981	1751	573239
17	2	72.2	20	1927	1950	123445
18	2	69.7	20	1148	1667	268502
19	3	98.6	20	1334	1878	412308
20	3	95.3	20	1759	1128	556618

Trial Number:			18			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5299.0765			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.4	18	1136	1219	117720
2	3	98	18	1029	1319	278249
3	1	60.4	18	-	1992	440194
4	3	92.9	18	1327	1253	599875
5	2	80.8	18	1612	1005	97836
6	2	76	18	1062	1958	258732
7	2	81.1	18	1578	1792	419465
8	1	53.2	18	-	1738	581764
9	2	72.5	18	1305	1496	77976
10	1	54.7	18	-	1824	239336
11	1	65.5	18	-	1884	400545
12	3	89	18	1121	1412	559586
13	2	80.6	18	1756	1723	58084
14	2	72.2	18	1171	1991	219033
15	3	84.1	18	1257	1982	379200
16	2	79.2	18	1312	1939	540802
17	2	68.8	18	1369	1550	38304
18	3	88.4	18	1052	1882	198805
19						
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5294.2765			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.7	6	1350.000	1758.000	811540
2	1	50.9	6	-	1371.000	1176878
3	3	95.6	6	1232.000	1374.000	41644
4	1	52.9	6	-	1425.000	405163
5	2	67.8	6	1929.000	1500.000	767587
6	3	99.8	6	1516.000	1133.000	1129722
7	3	93.3	6	1415.000	1682.000	1492071
8	3	95.1	6	1520.000	1582.000	359636
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5299.4765			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.3	19	1122	1919	287439
2	2	71.7	19	1317	1049	433616
3	3	98.9	19	1827	1588	576524
4	1	53.8	19	-	1877	125975
5	3	86.2	19	1313	1183	270013
6	2	81.3	19	1205	1102	415803
7	2	75.4	19	1998	1600	559551
8	3	94.3	19	1765	1150	107599
9	3	96.1	19	1494	1217	252349
10	3	84.6	19	1156	1346	397013
11	3	88.7	19	1453	1663	540996
12	3	99.8	19	1315	1519	89940
13	1	53.9	19	-	1712	235367
14	1	65.3	19	-	1294	380736
15	2	79	19	1354	1753	524348
16	1	66.4	19	-	1384	72429
17	2	83.3	19	1660	1848	216840
18	2	71.6	19	1330	1589	361865
19	2	67.7	19	1760	1552	506343
20	2	71.3	19	1096	1942	54395

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Channel 62 Bandwidth 40MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5326.1235			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.4	5	1353	1427	498908
2	3	83.9	5	1328	1455	861811
3	1	61.5	5	-	1035	1227224
4	3	90.2	5	1804	1956	91568
5	1	64.7	5	-	1607	455177
6	3	83.8	5	1983	1238	817037
7	2	78.1	5	1262	1016	1181463
8	3	97.6	5	1138	1085	46931
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5320.5235			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	99.7	19	1698	1452	171598
2	2	75.4	19	1115	2000	324560
3	2	80.2	19	1199	1105	477598
4	1	60.7	19	-	1195	944
5	3	99.6	19	2000	1439	153019
6	3	85.8	19	1207	1674	305064
7	3	91.7	19	1300	1604	457261
8	1	59.4	19	-	1460	612238
9	1	54.3	19	-	1530	134928
10	2	68.6	19	1158	1764	287099
11	2	68.6	19	1188	1392	439807
12	3	84.3	19	1501	1333	590301
13	1	63.6	19	-	1380	116133
14	3	86.4	19	1255	1509	267834
15	2	76.1	19	1390	1912	420533
16	3	99.6	19	1718	1562	571958
17	3	90.5	19	1278	1567	96791
18	2	69.1	19	1414	1277	249629
19	3	84.5	19	1865	1913	400716
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Trial Number:			23			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5321.3235			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76.3	17	1926	1726	584779
2	2	72	17	1944	1776	82558
3	2	79.1	17	1813	1191	243606
4	2	69.7	17	1951	1015	404588
5	3	96.2	17	1079	1367	564375
6	2	82	17	1598	1694	62793
7	2	72	17	1868	1181	223764
8	1	56.6	17	-	1230	385767
9	1	50.4	17	-	1151	547221
10	1	60.2	17	-	1778	43073
11	1	58.7	17	-	1669	204363
12	3	89.1	17	1683	1342	364330
13	1	52.3	17	-	1654	526941
14	1	53.1	17	-	1296	23227
15	2	77.8	17	1483	1895	184023
16	3	94.6	17	1163	1910	344285
17	2	70.7	17	1973	1011	506060
18	1	54.3	17	-	1381	3349
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Trial Number:			24			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5321.3235			Yes
Burst	Number of Pulses	Pulse 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	17	1948	1696	164141
2	1	50.2	17	-	1099	326193
3	2	68.2	17	1013	1283	486737
4	2	73.7	17	1269	1125	647772
5	2	69.5	17	1056	1858	144493
6	1	62.1	17	-	1464	306141
7	1	64.6	17	-	1662	467335
8	1	52.9	17	-	1267	628993
9	3	83.5	17	1408	1201	124445
10	1	57.6	17	-	1700	286167
11	1	52	17	-	1937	447283
12	1	57.7	17	-	1690	608727
13	1	61.9	17	-	1112	105119
14	3	99.7	17	1054	1857	265200
15	3	95.7	17	1934	1234	425492
16	3	99.4	17	1416	1110	587152
17	1	51.7	17	-	1570	85178
18	2	75.6	17	1031	1870	245991
19						
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5321.7235			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	70.6	16	1413	1490	431019
2	1	55.7	16	-	1307	602879
3	3	84	16	1290	1811	68835
4	2	78.7	16	1969	1337	239386
5	2	77.5	16	1032	1299	410351
6	2	79.2	16	1856	1517	580124
7	3	91.3	16	1274	1417	47906
8	3	99.3	16	1631	1003	218001
9	3	95.7	16	1144	1268	388195
10	2	79.5	16	1615	1233	559555
11	1	66.3	16	-	1282	27088
12	2	81.1	16	1075	1051	197739
13	3	85.9	16	1769	1563	367152
14	3	91.8	16	1287	1987	537098
15	1	55.3	16	-	1534	6037
16	3	95.3	16	1289	1009	176258
17	1	62.5	16	-	1486	347714
18						
19						
20						

Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5325.7235			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68.9	6	1347	1298	979606
2	1	66.3	6	-	1542	1303419
3	1	52.6	6	-	1058	294736
4	1	52.4	6	-	1463	617667
5	2	66.9	6	1727	1734	939276
6	1	55	6	-	1091	1264061
7	3	93.2	6	1164	1089	254374
8	3	98.6	6	1985	1180	576317
9	1	64.3	6	-	1388	900949
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5322.5235			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	54.5	14	-	1365	733905
2	3	92.7	14	1227	1545	128530
3	3	98.3	14	1684	1074	321295
4	1	59.1	14	-	1620	516187
5	3	93.5	14	1688	1284	707395
6	1	52.9	14	-	1356	105105
7	1	51.4	14	-	1040	298920
8	1	52.1	14	-	1815	492215
9	2	73.9	14	1772	1585	684475
10	1	65	14	-	1166	81266
11	2	70.4	14	1888	1916	274100
12	3	99.3	14	1212	1522	467164
13	2	72.7	14	1915	1828	660356
14	3	89	14	1630	1705	57154
15	2	82.5	14	1487	1978	250421
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5323.7235			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	70.3	11	1097	1311	512738
2	1	66.5	11	-	1544	736720
3	3	85.1	11	1541	1231	38570
4	3	86.7	11	1867	1092	261371
5	1	52.4	11	-	1697	485608
6	2	71.8	11	1854	1420	707858
7	1	60.3	11	-	1917	11153
8	1	52.3	11	-	1908	234565
9	2	66.7	11	1871	1652	457175
10	3	87.1	11	1174	1820	679269
11	2	76.7	11	1967	1497	903274
12	2	83.1	11	1901	1505	206709
13	3	99.2	11	1266	1733	429166
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Report Number : 690215

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

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5320.5235			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	73.1	19	1057	1281	446653
2	1	53.6	19	-	1801	599775
3	1	50.6	19	-	1355	122825
4	3	90.8	19	1107	1949	274129
5	2	80.2	19	1596	1575	427288
6	1	63.2	19	-	1533	581208
7	2	74.7	19	1198	1957	103700
8	3	98.6	19	1768	1472	255623
9	1	50.9	19	-	1435	409643
10	3	86.5	19	1176	1729	559567
11	3	86.1	19	1609	1065	84812
12	1	63.3	19	-	1132	238103
13	2	79.6	19	1338	1720	389812
14	3	83.7	19	1941	1465	540269
15	2	67.8	19	1206	1308	66220
16	3	90.4	19	1819	1025	218170
17	2	74.8	19	1976	1304	370904
18	1	63.3	19	-	1795	524523
19	3	96.3	19	1593	1584	47268
20						

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5324.1235			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.3	10	1068	1847	316997
2	2	70.2	10	1594	1966	558460
3	2	82.1	10	1410	1467	800677
4	1	50.4	10	-	1345	45457
5	2	69.9	10	1583	1440	287179
6	1	56.5	10	-	1461	529806
7	3	96.1	10	1382	1142	769944
8	3	92.6	10	1964	1971	15557
9	3	94.2	10	1165	1067	257155
10	3	90.3	10	1708	1202	498403
11	2	81.6	10	1689	1169	741114
12	2	72.1	10	1557	1794	982466
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Channel 58 Bandwidth 80MHz

Report Number : 690215

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	18	1165.50	858	Y
2	21	1089.32	918	Y
3	22	1066.10	938	Y
4	9	1474.93	678	Y
5	19	1138.95	878	Y
6	8	1519.76	658	Y
7	7	1567.40	638	Y
8	11	1392.76	718	Y
9	16	1222.49	818	Y
10	13	1319.26	758	Y
11	5	1672.24	598	Y
12	4	1730.10	578	Y
13	15	1253.13	798	Y
14	17	1193.32	838	Y
15	1	1930.50	518	Y
16		608.64	1643	Y
17		456.62	2190	Y
18		331.13	3020	Y
19		363.64	2750	Y
20		351.00	2849	Y
21		856.90	1167	Y
22		506.33	1975	Y
23		692.52	1444	Y
24		399.52	2503	Y
25		858.37	1165	Y
26		990.10	1010	Y
27		327.76	3051	Y
28		552.79	1809	Y
29		338.64	2953	Y
30		645.16	1550	Y

Report Number : 690215

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	26	3.10	169	Y
2	28	4.00	166	Y
3	28	4.10	222	Y
4	23	1.20	193	Y
5	26	2.70	205	Y
6	29	4.80	155	Y
7	25	2.40	209	Y
8	26	3.20	203	Y
9	23	1.40	207	Y
10	28	4.30	216	Y
11	28	4.00	208	Y
12	25	2.10	201	Y
13	27	3.70	224	Y
14	26	2.80	204	Y
15	23	1.20	220	Y
16	28	3.90	164	Y
17	29	5.00	179	Y
18	28	4.40	187	Y
19	23	1.20	160	Y
20	29	4.80	190	Y
21	23	1.20	158	Y
22	29	4.70	199	Y
23	28	4.20	196	Y
24	28	4.20	215	Y
25	27	3.90	182	Y
26	23	1.30	221	Y
27	27	3.40	210	Y
28	25	2.60	162	Y
29	29	4.60	212	N
30	25	2.40	181	Y

Report Number : 690215

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	8.10	439	Y
2	18	9.00	373	Y
3	18	9.10	441	Y
4	16	6.20	378	Y
5	17	7.70	406	Y
6	18	9.80	229	Y
7	17	7.40	269	Y
8	17	8.20	247	Y
9	16	6.40	328	Y
10	18	9.30	356	Y
11	18	9.00	474	Y
12	16	7.10	366	Y
13	17	8.70	385	Y
14	17	7.80	476	Y
15	16	6.20	290	Y
16	18	8.90	394	Y
17	18	10.00	451	Y
18	18	9.40	443	Y
19	16	6.20	312	Y
20	18	9.80	375	Y
21	16	6.20	267	Y
22	18	9.70	245	Y
23	18	9.20	390	Y
24	18	9.20	494	Y
25	18	8.90	498	Y
26	16	6.30	281	Y
27	17	8.40	448	Y
28	17	7.60	386	N
29	18	9.60	433	Y
30	17	7.40	384	Y

Report Number : 690215

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.60	439	N
2	15	17.80	373	Y
3	15	17.90	441	N
4	12	11.60	378	N
5	14	14.90	406	Y
6	16	19.40	229	Y
7	13	14.20	269	Y
8	14	15.90	247	Y
9	12	11.90	328	Y
10	16	18.30	356	Y
11	15	17.80	474	Y
12	13	13.60	366	Y
13	15	17.00	385	Y
14	14	15.10	476	Y
15	12	11.50	290	Y
16	15	17.50	394	Y
17	16	20.00	451	Y
18	16	18.50	443	Y
19	12	11.50	312	N
20	16	19.40	375	Y
21	12	11.50	267	N
22	16	19.30	245	Y
23	15	18.10	390	Y
24	15	18.20	494	Y
25	15	17.40	498	Y
26	12	11.70	281	Y
27	15	16.50	448	Y
28	13	14.50	386	Y
29	16	19.10	433	Y
30	13	14.10	384	Y

Report Number : 690215

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.7	13	1739	1241	646609
2	3	87.4	13	1172	1459	852941
3	3	88.2	13	1155	1521	206440
4	1	53.5	13	-	1228	414779
5	2	71.8	13	1070	1060	621709
6	3	96.7	13	1131	1084	827576
7	2	68	13	1263	1400	181318
8	2	77.1	13	1935	1064	388403
9	1	55	13	-	1955	596288
10	3	90.7	13	1559	1226	801583
11	3	87.7	13	1898	1437	155331
12	1	64.4	13	-	1434	363551
13	2	83.3	13	1602	1845	569744
14	2	73	13	1651	1911	776688
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	53.1	16	-	1502	107382
2	3	86.1	16	1686	1495	277006
3	3	99.9	16	1924	1475	446747
4	3	91.6	16	1566	1702	617412
5	1	53.2	16	-	1614	86325
6	3	96.7	16	1687	1860	255900
7	1	52.7	16	-	1261	428154
8	3	95.9	16	1771	1177	596223
9	3	89.3	16	1918	1595	64942
10	3	90	16	1889	1293	235220
11	3	85.7	16	1555	1073	405265
12	1	54.4	16	-	1577	577738
13	2	80.4	16	1678	1746	44132
14	2	69.8	16	1001	1808	214688
15	3	95	16	1560	1832	383884
16	2	67.5	16	1748	1653	555256
17	1	60.1	16	-	1240	23219
18						
19						
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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:			17			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	89.7	17	1548	1731	193179
2	1	64.5	17	-	1622	364817
3	1	55.4	17	-	1162	535972
4	3	98.4	17	1736	1954	2154
5	1	65.6	17	-	1637	172969
6	1	57.3	17	-	1673	343753
7	1	54.3	17	-	1210	514884
8	3	99	17	1995	1260	682234
9	1	57.9	17	-	1903	151872
10	3	88.1	17	1402	1938	321422
11	3	94.8	17	1822	1378	491302
12	2	67.6	17	1859	1059	663127
13	3	88.2	17	1885	1108	130308
14	1	54.3	17	-	1276	301847
15	3	84.4	17	1866	1648	470146
16	1	60.2	17	-	1692	643246
17	1	64.6	17	-	1980	109798
18						
19						
20						

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	90.5	6	1750	1424	595976
2	2	75.2	6	1179	1561	959816
3	1	57.5	6	-	1906	1323685
4	3	96.7	6	1468	1081	188717
5	2	78.4	6	1098	1984	551827
6	3	93	6	1752	1222	913835
7	3	85.6	6	1109	1840	1276850
8	2	79.9	6	1802	1988	143990
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.2	11	1348	1543	311092
2	3	98.3	11	1147	1953	533827
3	2	67.8	11	1396	1817	757812
4	2	67.4	11	1411	1625	61056
5	1	66.2	11	-	1791	284579
6	3	98.2	11	1732	1883	506220
7	2	82.1	11	1314	1063	730996
8	3	87.5	11	1741	1474	33522
9	2	80.5	11	1851	1513	256617
10	3	98.1	11	1038	1126	479767
11	3	99.9	11	1810	1466	701864
12	2	77.8	11	1124	1706	6086
13	2	74.7	11	1655	1618	229164
14						
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16						
17						
18						
19						
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.6	19	1197	1713	292847
2	2	78.7	19	1405	1010	438752
3	3	95.6	19	1826	1638	581382
4	3	92.6	19	1273	1341	130633
5	3	95.3	19	1048	1028	275467
6	1	58.5	19	-	1767	421356
7	1	57.9	19	-	1061	567114
8	2	78.2	19	1499	1643	113043
9	1	51	19	-	1755	258399
10	3	85.6	19	1236	1326	402192
11	1	51.2	19	-	1429	548884
12	3	94.2	19	1649	1641	94916
13	1	65.8	19	-	1920	240460
14	2	79.3	19	1114	1699	384938
15	2	69.8	19	1352	1788	529484
16	1	59.9	19	-	1117	77644
17	1	63.4	19	-	1749	222657
18	1	61.3	19	-	1553	367872
19	2	71.6	19	1361	1249	512108
20	2	69.8	19	1007	1376	59626

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

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			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	82.5	13	1187	1647	201429
2	3	90	13	1113	1200	394349
3	1	52.9	13	-	1587	589025
4	3	96.5	13	1428	1480	779568
5	1	62	13	-	1515	177908
6	1	54	13	-	1905	371385
7	2	83.2	13	1632	1793	563872
8	3	84.4	13	1246	1141	756383
9	2	77.6	13	1288	1078	153890
10	1	51.6	13	-	1605	347673
11	3	97.2	13	1477	1597	539339
12	1	62.7	13	-	1340	735188
13	1	66.6	13	-	1101	130267
14	2	73.3	13	1357	1006	323514
15	1	50.4	13	-	1535	517503
16						
17						
18						
19						
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.5	13	1187	1647	201429
2	3	90	13	1113	1200	394349
3	1	52.9	13	-	1587	589025
4	3	96.5	13	1428	1480	779568
5	1	62	13	-	1515	177908
6	1	54	13	-	1905	371385
7	2	83.2	13	1632	1793	563872
8	3	84.4	13	1246	1141	756383
9	2	77.6	13	1288	1078	153890
10	1	51.6	13	-	1605	347673
11	3	97.2	13	1477	1597	539339
12	1	62.7	13	-	1340	735188
13	1	66.6	13	-	1101	130267
14	2	73.3	13	1357	1006	323514
15	1	50.4	13	-	1535	517503
16						
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Report Number : 690215

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

Trial Number:			9			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	68.9	6	1395	1393	1185054
2	1	62.3	6	-	1302	177406
3	2	77.5	6	1264	1389	499958
4	2	67	6	1658	1591	822321
5	3	86.8	6	1368	1536	1143882
6	2	78.3	6	1225	1168	137499
7	1	57.9	6	-	1728	460524
8	1	56.2	6	-	1042	783884
9	2	70.1	6	1634	1558	1105220
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	69.6	18	1581	1518	48730
2	1	59	18	-	1123	210290
3	1	61	18	-	1146	371693
4	1	53.5	18	-	1373	532921
5	2	68.6	18	1657	1503	28903
6	3	95.3	18	1130	1256	189696
7	3	98.1	18	1610	1554	350117
8	3	93.4	18	1072	1259	511089
9	2	79.2	18	1489	1806	9080
10	2	66.7	18	1170	1735	170068
11	1	61.6	18	-	1576	331714
12	2	75.8	18	1546	1360	492034
13	2	76.3	18	1247	1071	653595
14	2	73.3	18	1514	1004	150326
15	3	98	18	1445	1549	310261
16	1	59.4	18	-	1730	473041
17	2	78.1	18	1203	1744	633148
18	3	87.2	18	1798	1407	130131
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5258.799			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.3	17	1959	1693	307778
2	2	66.7	17	1781	1785	478652
3	2	70.3	17	1551	1303	649644
4	3	96.4	17	1438	1485	116825
5	2	69.9	17	1639	1258	287611
6	1	58.3	17	-	1842	458794
7	3	91.3	17	1747	1076	627755
8	2	71	17	1668	1599	96063
9	1	50.3	17	-	1386	267182
10	1	52.7	17	-	1711	437843
11	3	90.7	17	1962	1504	605546
12	2	69.6	17	1573	1861	75055
13	1	56.2	17	-	1740	246012
14	2	74.5	17	1498	1789	415873
15	3	83.7	17	1018	1601	585350
16	2	82.8	17	1633	1430	54098
17	2	76.9	17	1725	1862	224386
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5255.599			Yes
Burst	Number of Pulses	Pulse 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	53	-	1023	612555
2	3	93.1	93.1	1853	1626	873998
3	2	79.6	79.6	1890	1182	51235
4	1	65.8	65.8	-	1418	315549
5	2	82.3	82.3	1894	1045	578976
6	1	53.6	53.6	-	1404	844032
7	1	53.7	53.7	-	1104	18771
8	3	83.5	83.5	1762	1152	282206
9	3	99.9	99.9	1140	1940	545437
10	1	61.6	61.6	-	1628	811317
11	2	74.6	74.6	1833	1306	1074010
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Channel 58 Bandwidth 80MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5257.999			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.7	15	1422	1399	171341
2	3	89	15	1379	1893	352172
3	2	79.6	15	1190	1119	534557
4	1	57.6	15	-	1963	716227
5	1	58.6	15	-	1209	149763
6	3	91.1	15	1714	1677	329531
7	1	65.7	15	-	1391	512849
8	3	89.5	15	1695	1864	691395
9	3	99.9	15	1709	1724	126768
10	2	73.2	15	1701	1167	308314
11	3	89.1	15	1322	1923	488500
12	1	52.7	15	-	1103	672305
13	1	62.2	15	-	1251	105018
14	3	97.7	15	1254	1547	285406
15	3	95	15	1292	1999	466279
16	3	95.4	15	1143	1214	647239
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5256.799			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	52.7	12	-	1531	101724
2	1	59.5	12	-	1444	325258
3	1	60.4	12	-	1362	548832
4	3	87.2	12	1271	1224	770312
5	3	92.2	12	1676	1799	73940
6	3	93.5	12	1664	1965	296494
7	3	96.5	12	1041	1629	519481
8	3	94.9	12	1237	1343	743029
9	1	66.3	12	-	1886	46644
10	3	98.6	12	1914	1875	269044
11	2	71.4	12	1370	1194	493117
12	1	59.9	12	-	1685	717054
13	1	63.1	12	-	1021	19142
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5254.399			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	66.5	6	-	1423	394563
2	1	62.9	6	-	1127	758165
3	2	70	6	1458	1433	1120369
4	3	96.7	6	1590	1852	1481711
5	1	66.6	6	-	1761	349715
6	2	78.3	6	1754	1666	712296
7	1	61.3	6	-	1286	1076797
8	2	73.1	6	1349	1818	1438475
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5258.399			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	83	16	1613	1989	142945
2	1	61	16	-	1640	314145
3	1	65.2	16	-	1324	485164
4	1	58.8	16	-	1891	655514
5	3	94.2	16	1512	1149	121892
6	2	83	16	1185	1671	292600
7	1	53.6	16	-	1457	464028
8	1	64	16	-	1173	635129
9	3	90.4	16	1846	1363	100892
10	2	67.4	16	1508	1285	271622
11	2	68.2	16	1538	1160	442203
12	3	87.4	16	1383	1215	611409
13	1	58.3	16	-	1719	80219
14	1	51	16	-	1787	250976
15	2	73.9	16	1403	1039	421350
16	3	89.5	16	1336	1100	590679
17	2	74.5	16	1556	1879	59038
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			17			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5259.999			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.5	20	1069	1426	195132
2	3	99.2	20	1997	1930	338239
3	3	92.6	20	1569	1129	483177
4	3	84.8	20	1807	1082	32265
5	3	91.3	20	1800	1617	176423
6	1	60.1	20	-	1047	322976
7	2	69.7	20	1329	1077	467179
8	1	55.8	20	-	1351	14546
9	2	76.4	20	1488	1506	159299
10	2	83.3	20	1835	1030	304157
11	1	60.3	20	-	1043	450351
12	2	69	20	1377	1932	593364
13	1	56	20	-	1111	141910
14	3	95.7	20	1836	1507	285465
15	2	69.3	20	1790	1947	430512
16	3	83.6	20	1981	1751	573239
17	2	72.2	20	1927	1950	123445
18	2	69.7	20	1148	1667	268502
19	3	98.6	20	1334	1878	412308
20	3	95.3	20	1759	1128	556618

Trial Number:			18			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5259.199			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.4	18	1136	1219	117720
2	3	98	18	1029	1319	278249
3	1	60.4	18	-	1992	440194
4	3	92.9	18	1327	1253	599875
5	2	80.8	18	1612	1005	97836
6	2	76	18	1062	1958	258732
7	2	81.1	18	1578	1792	419465
8	1	53.2	18	-	1738	581764
9	2	72.5	18	1305	1496	77976
10	1	54.7	18	-	1824	239336
11	1	65.5	18	-	1884	400545
12	3	89	18	1121	1412	559586
13	2	80.6	18	1756	1723	58084
14	2	72.2	18	1171	1991	219033
15	3	84.1	18	1257	1982	379200
16	2	79.2	18	1312	1939	540802
17	2	68.8	18	1369	1550	38304
18	3	88.4	18	1052	1882	198805
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5254.399			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.7	6	1350.000	1758.000	811540
2	1	50.9	6	-	1371.000	1176878
3	3	95.6	6	1232.000	1374.000	41644
4	1	52.9	6	-	1425.000	405163
5	2	67.8	6	1929.000	1500.000	767587
6	3	99.8	6	1516.000	1133.000	1129722
7	3	93.3	6	1415.000	1682.000	1492071
8	3	95.1	6	1520.000	1582.000	359636
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5259.599			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.3	19	1122	1919	287439
2	2	71.7	19	1317	1049	433616
3	3	98.9	19	1827	1588	576524
4	1	53.8	19	-	1877	125975
5	3	86.2	19	1313	1183	270013
6	2	81.3	19	1205	1102	415803
7	2	75.4	19	1998	1600	559551
8	3	94.3	19	1765	1150	107599
9	3	96.1	19	1494	1217	252349
10	3	84.6	19	1156	1346	397013
11	3	88.7	19	1453	1663	540996
12	3	99.8	19	1315	1519	89940
13	1	53.9	19	-	1712	235367
14	1	65.3	19	-	1294	380736
15	2	79	19	1354	1753	524348
16	1	66.4	19	-	1384	72429
17	2	83.3	19	1660	1848	216840
18	2	71.6	19	1330	1589	361865
19	2	67.7	19	1760	1552	506343
20	2	71.3	19	1096	1942	54395

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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5326.001			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.4	5	1353	1427	498908
2	3	83.9	5	1328	1455	861811
3	1	61.5	5	-	1035	1227224
4	3	90.2	5	1804	1956	91568
5	1	64.7	5	-	1607	455177
6	3	83.8	5	1983	1238	817037
7	2	78.1	5	1262	1016	1181463
8	3	97.6	5	1138	1085	46931
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5320.401			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	99.7	19	1698	1452	171598
2	2	75.4	19	1115	2000	324560
3	2	80.2	19	1199	1105	477598
4	1	60.7	19	-	1195	944
5	3	99.6	19	2000	1439	153019
6	3	85.8	19	1207	1674	305064
7	3	91.7	19	1300	1604	457261
8	1	59.4	19	-	1460	612238
9	1	54.3	19	-	1530	134928
10	2	68.6	19	1158	1764	287099
11	2	68.6	19	1188	1392	439807
12	3	84.3	19	1501	1333	590301
13	1	63.6	19	-	1380	116133
14	3	86.4	19	1255	1509	267834
15	2	76.1	19	1390	1912	420533
16	3	99.6	19	1718	1562	571958
17	3	90.5	19	1278	1567	96791
18	2	69.1	19	1414	1277	249629
19	3	84.5	19	1865	1913	400716
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DFS Radar Parameters
FCC Radar Type 5
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5321.201			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76.3	17	1926	1726	584779
2	2	72	17	1944	1776	82558
3	2	79.1	17	1813	1191	243606
4	2	69.7	17	1951	1015	404588
5	3	96.2	17	1079	1367	564375
6	2	82	17	1598	1694	62793
7	2	72	17	1868	1181	223764
8	1	56.6	17	-	1230	385767
9	1	50.4	17	-	1151	547221
10	1	60.2	17	-	1778	43073
11	1	58.7	17	-	1669	204363
12	3	89.1	17	1683	1342	364330
13	1	52.3	17	-	1654	526941
14	1	53.1	17	-	1296	23227
15	2	77.8	17	1483	1895	184023
16	3	94.6	17	1163	1910	344285
17	2	70.7	17	1973	1011	506060
18	1	54.3	17	-	1381	3349
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5321.201			Yes
Burst	Number of Pulses	Pulse 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	17	1948	1696	164141
2	1	50.2	17	-	1099	326193
3	2	68.2	17	1013	1283	486737
4	2	73.7	17	1269	1125	647772
5	2	69.5	17	1056	1858	144493
6	1	62.1	17	-	1464	306141
7	1	64.6	17	-	1662	467335
8	1	52.9	17	-	1267	628993
9	3	83.5	17	1408	1201	124445
10	1	57.6	17	-	1700	286167
11	1	52	17	-	1937	447283
12	1	57.7	17	-	1690	608727
13	1	61.9	17	-	1112	105119
14	3	99.7	17	1054	1857	265200
15	3	95.7	17	1934	1234	425492
16	3	99.4	17	1416	1110	587152
17	1	51.7	17	-	1570	85178
18	2	75.6	17	1031	1870	245991
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5321.601			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	70.6	16	1413	1490	431019
2	1	55.7	16	-	1307	602879
3	3	84	16	1290	1811	68835
4	2	78.7	16	1969	1337	239386
5	2	77.5	16	1032	1299	410351
6	2	79.2	16	1856	1517	580124
7	3	91.3	16	1274	1417	47906
8	3	99.3	16	1631	1003	218001
9	3	95.7	16	1144	1268	388195
10	2	79.5	16	1615	1233	559555
11	1	66.3	16	-	1282	27088
12	2	81.1	16	1075	1051	197739
13	3	85.9	16	1769	1563	367152
14	3	91.8	16	1287	1987	537098
15	1	55.3	16	-	1534	6037
16	3	95.3	16	1289	1009	176258
17	1	62.5	16	-	1486	347714
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5325.601			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68.9	6	1347	1298	979606
2	1	66.3	6	-	1542	1303419
3	1	52.6	6	-	1058	294736
4	1	52.4	6	-	1463	617667
5	2	66.9	6	1727	1734	939276
6	1	55	6	-	1091	1264061
7	3	93.2	6	1164	1089	254374
8	3	98.6	6	1985	1180	576317
9	1	64.3	6	-	1388	900949
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Channel 58 Bandwidth 80MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5322.401			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	54.5	14	-	1365	733905
2	3	92.7	14	1227	1545	128530
3	3	98.3	14	1684	1074	321295
4	1	59.1	14	-	1620	516187
5	3	93.5	14	1688	1284	707395
6	1	52.9	14	-	1356	105105
7	1	51.4	14	-	1040	298920
8	1	52.1	14	-	1815	492215
9	2	73.9	14	1772	1585	684475
10	1	65	14	-	1166	81266
11	2	70.4	14	1888	1916	274100
12	3	99.3	14	1212	1522	467164
13	2	72.7	14	1915	1828	660356
14	3	89	14	1630	1705	57154
15	2	82.5	14	1487	1978	250421
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5323.601			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	70.3	11	1097	1311	512738
2	1	66.5	11	-	1544	736720
3	3	85.1	11	1541	1231	38570
4	3	86.7	11	1867	1092	261371
5	1	52.4	11	-	1697	485608
6	2	71.8	11	1854	1420	707858
7	1	60.3	11	-	1917	11153
8	1	52.3	11	-	1908	234565
9	2	66.7	11	1871	1652	457175
10	3	87.1	11	1174	1820	679269
11	2	76.7	11	1967	1497	903274
12	2	83.1	11	1901	1505	206709
13	3	99.2	11	1266	1733	429166
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Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5320.401			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	73.1	19	1057	1281	446653
2	1	53.6	19	-	1801	599775
3	1	50.6	19	-	1355	122825
4	3	90.8	19	1107	1949	274129
5	2	80.2	19	1596	1575	427288
6	1	63.2	19	-	1533	581208
7	2	74.7	19	1198	1957	103700
8	3	98.6	19	1768	1472	255623
9	1	50.9	19	-	1435	409643
10	3	86.5	19	1176	1729	559567
11	3	86.1	19	1609	1065	84812
12	1	63.3	19	-	1132	238103
13	2	79.6	19	1338	1720	389812
14	3	83.7	19	1941	1465	540269
15	2	67.8	19	1206	1308	66220
16	3	90.4	19	1819	1025	218170
17	2	74.8	19	1976	1304	370904
18	1	63.3	19	-	1795	524523
19	3	96.3	19	1593	1584	47268
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5324.001			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.3	10	1068	1847	316997
2	2	70.2	10	1594	1966	558460
3	2	82.1	10	1410	1467	800677
4	1	50.4	10	-	1345	45457
5	2	69.9	10	1583	1440	287179
6	1	56.5	10	-	1461	529806
7	3	96.1	10	1382	1142	769944
8	3	92.6	10	1964	1971	15557
9	3	94.2	10	1165	1067	257155
10	3	90.3	10	1708	1202	498403
11	2	81.6	10	1689	1169	741114
12	2	72.1	10	1557	1794	982466
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Channel 100 Bandwidth 20MHz

Report Number : 690215

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	18	1165.50	858	Y
2	21	1089.32	918	Y
3	22	1066.10	938	Y
4	9	1474.93	678	Y
5	19	1138.95	878	Y
6	8	1519.76	658	Y
7	7	1567.40	638	Y
8	11	1392.76	718	Y
9	16	1222.49	818	Y
10	13	1319.26	758	Y
11	5	1672.24	598	Y
12	4	1730.10	578	Y
13	15	1253.13	798	Y
14	17	1193.32	838	Y
15	1	1930.50	518	Y
16		608.64	1643	Y
17		456.62	2190	Y
18		331.13	3020	Y
19		363.64	2750	Y
20		351.00	2849	Y
21		856.90	1167	Y
22		506.33	1975	Y
23		692.52	1444	Y
24		399.52	2503	Y
25		858.37	1165	Y
26		990.10	1010	Y
27		327.76	3051	Y
28		552.79	1809	Y
29		338.64	2953	Y
30		645.16	1550	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	26	3.10	169	N
2	28	4.00	166	Y
3	28	4.10	222	Y
4	23	1.20	193	Y
5	26	2.70	205	Y
6	29	4.80	155	Y
7	25	2.40	209	Y
8	26	3.20	203	Y
9	23	1.40	207	Y
10	28	4.30	216	Y
11	28	4.00	208	Y
12	25	2.10	201	Y
13	27	3.70	224	Y
14	26	2.80	204	Y
15	23	1.20	220	N
16	28	3.90	164	Y
17	29	5.00	179	Y
18	28	4.40	187	N
19	23	1.20	160	Y
20	29	4.80	190	Y
21	23	1.20	158	Y
22	29	4.70	199	Y
23	28	4.20	196	Y
24	28	4.20	215	Y
25	27	3.90	182	Y
26	23	1.30	221	Y
27	27	3.40	210	Y
28	25	2.60	162	Y
29	29	4.60	212	Y
30	25	2.40	181	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	8.10	439	Y
2	18	9.00	373	N
3	18	9.10	441	Y
4	16	6.20	378	N
5	17	7.70	406	Y
6	18	9.80	229	Y
7	17	7.40	269	Y
8	17	8.20	247	Y
9	16	6.40	328	Y
10	18	9.30	356	Y
11	18	9.00	474	Y
12	16	7.10	366	Y
13	17	8.70	385	Y
14	17	7.80	476	Y
15	16	6.20	290	Y
16	18	8.90	394	Y
17	18	10.00	451	N
18	18	9.40	443	Y
19	16	6.20	312	N
20	18	9.80	375	Y
21	16	6.20	267	N
22	18	9.70	245	Y
23	18	9.20	390	Y
24	18	9.20	494	Y
25	18	8.90	498	Y
26	16	6.30	281	Y
27	17	8.40	448	Y
28	17	7.60	386	N
29	18	9.60	433	Y
30	17	7.40	384	Y

Report Number : 690215

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.60	439	Y
2	15	17.80	373	Y
3	15	17.90	441	Y
4	12	11.60	378	Y
5	14	14.90	406	Y
6	16	19.40	229	Y
7	13	14.20	269	Y
8	14	15.90	247	N
9	12	11.90	328	N
10	16	18.30	356	Y
11	15	17.80	474	Y
12	13	13.60	366	Y
13	15	17.00	385	N
14	14	15.10	476	Y
15	12	11.50	290	Y
16	15	17.50	394	Y
17	16	20.00	451	Y
18	16	18.50	443	Y
19	12	11.50	312	Y
20	16	19.40	375	Y
21	12	11.50	267	Y
22	16	19.30	245	N
23	15	18.10	390	Y
24	15	18.20	494	Y
25	15	17.40	498	N
26	12	11.70	281	Y
27	15	16.50	448	Y
28	13	14.50	386	N
29	16	19.10	433	Y
30	13	14.10	384	Y

Report Number : 690215

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.7	13	1739	1241	646609
2	3	87.4	13	1172	1459	852941
3	3	88.2	13	1155	1521	206440
4	1	53.5	13	-	1228	414779
5	2	71.8	13	1070	1060	621709
6	3	96.7	13	1131	1084	827576
7	2	68	13	1263	1400	181318
8	2	77.1	13	1935	1064	388403
9	1	55	13	-	1955	596288
10	3	90.7	13	1559	1226	801583
11	3	87.7	13	1898	1437	155331
12	1	64.4	13	-	1434	363551
13	2	83.3	13	1602	1845	569744
14	2	73	13	1651	1911	776688
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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	1	53.1	16	-	1502	107382
2	3	86.1	16	1686	1495	277006
3	3	99.9	16	1924	1475	446747
4	3	91.6	16	1566	1702	617412
5	1	53.2	16	-	1614	86325
6	3	96.7	16	1687	1860	255900
7	1	52.7	16	-	1261	428154
8	3	95.9	16	1771	1177	596223
9	3	89.3	16	1918	1595	64942
10	3	90	16	1889	1293	235220
11	3	85.7	16	1555	1073	405265
12	1	54.4	16	-	1577	577738
13	2	80.4	16	1678	1746	44132
14	2	69.8	16	1001	1808	214688
15	3	95	16	1560	1832	383884
16	2	67.5	16	1748	1653	555256
17	1	60.1	16	-	1240	23219
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	89.7	17	1548	1731	193179
2	1	64.5	17	-	1622	364817
3	1	55.4	17	-	1162	535972
4	3	98.4	17	1736	1954	2154
5	1	65.6	17	-	1637	172969
6	1	57.3	17	-	1673	343753
7	1	54.3	17	-	1210	514884
8	3	99	17	1995	1260	682234
9	1	57.9	17	-	1903	151872
10	3	88.1	17	1402	1938	321422
11	3	94.8	17	1822	1378	491302
12	2	67.6	17	1859	1059	663127
13	3	88.2	17	1885	1108	130308
14	1	54.3	17	-	1276	301847
15	3	84.4	17	1866	1648	470146
16	1	60.2	17	-	1692	643246
17	1	64.6	17	-	1980	109798
18						
19						
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	90.5	6	1750	1424	595976
2	2	75.2	6	1179	1561	959816
3	1	57.5	6	-	1906	1323685
4	3	96.7	6	1468	1081	188717
5	2	78.4	6	1098	1984	551827
6	3	93	6	1752	1222	913835
7	3	85.6	6	1109	1840	1276850
8	2	79.9	6	1802	1988	143990
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.2	11	1348	1543	311092
2	3	98.3	11	1147	1953	533827
3	2	67.8	11	1396	1817	757812
4	2	67.4	11	1411	1625	61056
5	1	66.2	11	-	1791	284579
6	3	98.2	11	1732	1883	506220
7	2	82.1	11	1314	1063	730996
8	3	87.5	11	1741	1474	33522
9	2	80.5	11	1851	1513	256617
10	3	98.1	11	1038	1126	479767
11	3	99.9	11	1810	1466	701864
12	2	77.8	11	1124	1706	6086
13	2	74.7	11	1655	1618	229164
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.6	19	1197	1713	292847
2	2	78.7	19	1405	1010	438752
3	3	95.6	19	1826	1638	581382
4	3	92.6	19	1273	1341	130633
5	3	95.3	19	1048	1028	275467
6	1	58.5	19	-	1767	421356
7	1	57.9	19	-	1061	567114
8	2	78.2	19	1499	1643	113043
9	1	51	19	-	1755	258399
10	3	85.6	19	1236	1326	402192
11	1	51.2	19	-	1429	548884
12	3	94.2	19	1649	1641	94916
13	1	65.8	19	-	1920	240460
14	2	79.3	19	1114	1699	384938
15	2	69.8	19	1352	1788	529484
16	1	59.9	19	-	1117	77644
17	1	63.4	19	-	1749	222657
18	1	61.3	19	-	1553	367872
19	2	71.6	19	1361	1249	512108
20	2	69.8	19	1007	1376	59626

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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:			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	82.5	13	1187	1647	201429
2	3	90	13	1113	1200	394349
3	1	52.9	13	-	1587	589025
4	3	96.5	13	1428	1480	779568
5	1	62	13	-	1515	177908
6	1	54	13	-	1905	371385
7	2	83.2	13	1632	1793	563872
8	3	84.4	13	1246	1141	756383
9	2	77.6	13	1288	1078	153890
10	1	51.6	13	-	1605	347673
11	3	97.2	13	1477	1597	539339
12	1	62.7	13	-	1340	735188
13	1	66.6	13	-	1101	130267
14	2	73.3	13	1357	1006	323514
15	1	50.4	13	-	1535	517503
16						
17						
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19						
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.5	13	1187	1647	201429
2	3	90	13	1113	1200	394349
3	1	52.9	13	-	1587	589025
4	3	96.5	13	1428	1480	779568
5	1	62	13	-	1515	177908
6	1	54	13	-	1905	371385
7	2	83.2	13	1632	1793	563872
8	3	84.4	13	1246	1141	756383
9	2	77.6	13	1288	1078	153890
10	1	51.6	13	-	1605	347673
11	3	97.2	13	1477	1597	539339
12	1	62.7	13	-	1340	735188
13	1	66.6	13	-	1101	130267
14	2	73.3	13	1357	1006	323514
15	1	50.4	13	-	1535	517503
16						
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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:			9			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68.9	6	1395	1393	1185054
2	1	62.3	6	-	1302	177406
3	2	77.5	6	1264	1389	499958
4	2	67	6	1658	1591	822321
5	3	86.8	6	1368	1536	1143882
6	2	78.3	6	1225	1168	137499
7	1	57.9	6	-	1728	460524
8	1	56.2	6	-	1042	783884
9	2	70.1	6	1634	1558	1105220
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	69.6	18	1581	1518	48730
2	1	59	18	-	1123	210290
3	1	61	18	-	1146	371693
4	1	53.5	18	-	1373	532921
5	2	68.6	18	1657	1503	28903
6	3	95.3	18	1130	1256	189696
7	3	98.1	18	1610	1554	350117
8	3	93.4	18	1072	1259	511089
9	2	79.2	18	1489	1806	9080
10	2	66.7	18	1170	1735	170068
11	1	61.6	18	-	1576	331714
12	2	75.8	18	1546	1360	492034
13	2	76.3	18	1247	1071	653595
14	2	73.3	18	1514	1004	150326
15	3	98	18	1445	1549	310261
16	1	59.4	18	-	1730	473041
17	2	78.1	18	1203	1744	633148
18	3	87.2	18	1798	1407	130131
19						
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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:			5497.7195			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.3	17	1959	1693	307778
2	2	66.7	17	1781	1785	478652
3	2	70.3	17	1551	1303	649644
4	3	96.4	17	1438	1485	116825
5	2	69.9	17	1639	1258	287611
6	1	58.3	17	-	1842	458794
7	3	91.3	17	1747	1076	627755
8	2	71	17	1668	1599	96063
9	1	50.3	17	-	1386	267182
10	1	52.7	17	-	1711	437843
11	3	90.7	17	1962	1504	605546
12	2	69.6	17	1573	1861	75055
13	1	56.2	17	-	1740	246012
14	2	74.5	17	1498	1789	415873
15	3	83.7	17	1018	1601	585350
16	2	82.8	17	1633	1430	54098
17	2	76.9	17	1725	1862	224386
18						
19						
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5494.5195			Yes
Burst	Number of Pulses	Pulse 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	53	-	1023	612555
2	3	93.1	93.1	1853	1626	873998
3	2	79.6	79.6	1890	1182	51235
4	1	65.8	65.8	-	1418	315549
5	2	82.3	82.3	1894	1045	578976
6	1	53.6	53.6	-	1404	844032
7	1	53.7	53.7	-	1104	18771
8	3	83.5	83.5	1762	1152	282206
9	3	99.9	99.9	1140	1940	545437
10	1	61.6	61.6	-	1628	811317
11	2	74.6	74.6	1833	1306	1074010
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DFS Radar Parameters

FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			13			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5496.9195			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.7	15	1422	1399	171341
2	3	89	15	1379	1893	352172
3	2	79.6	15	1190	1119	534557
4	1	57.6	15	-	1963	716227
5	1	58.6	15	-	1209	149763
6	3	91.1	15	1714	1677	329531
7	1	65.7	15	-	1391	512849
8	3	89.5	15	1695	1864	691395
9	3	99.9	15	1709	1724	126768
10	2	73.2	15	1701	1167	308314
11	3	89.1	15	1322	1923	488500
12	1	52.7	15	-	1103	672305
13	1	62.2	15	-	1251	105018
14	3	97.7	15	1254	1547	285406
15	3	95	15	1292	1999	466279
16	3	95.4	15	1143	1214	647239
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Trial Number:			14			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5495.7195			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	52.7	12	-	1531	101724
2	1	59.5	12	-	1444	325258
3	1	60.4	12	-	1362	548832
4	3	87.2	12	1271	1224	770312
5	3	92.2	12	1676	1799	73940
6	3	93.5	12	1664	1965	296494
7	3	96.5	12	1041	1629	519481
8	3	94.9	12	1237	1343	743029
9	1	66.3	12	-	1886	46644
10	3	98.6	12	1914	1875	269044
11	2	71.4	12	1370	1194	493117
12	1	59.9	12	-	1685	717054
13	1	63.1	12	-	1021	19142
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DFS Radar Parameters

FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			15			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5493.3195			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	66.5	6	-	1423	394563
2	1	62.9	6	-	1127	758165
3	2	70	6	1458	1433	1120369
4	3	96.7	6	1590	1852	1481711
5	1	66.6	6	-	1761	349715
6	2	78.3	6	1754	1666	712296
7	1	61.3	6	-	1286	1076797
8	2	73.1	6	1349	1818	1438475
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Trial Number:			16			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5497.3195			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	83	16	1613	1989	142945
2	1	61	16	-	1640	314145
3	1	65.2	16	-	1324	485164
4	1	58.8	16	-	1891	655514
5	3	94.2	16	1512	1149	121892
6	2	83	16	1185	1671	292600
7	1	53.6	16	-	1457	464028
8	1	64	16	-	1173	635129
9	3	90.4	16	1846	1363	100892
10	2	67.4	16	1508	1285	271622
11	2	68.2	16	1538	1160	442203
12	3	87.4	16	1383	1215	611409
13	1	58.3	16	-	1719	80219
14	1	51	16	-	1787	250976
15	2	73.9	16	1403	1039	421350
16	3	89.5	16	1336	1100	590679
17	2	74.5	16	1556	1879	59038
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Report Number : 690215

DFS Radar Parameters

FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			17			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5498.9195			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.5	20	1069	1426	195132
2	3	99.2	20	1997	1930	338239
3	3	92.6	20	1569	1129	483177
4	3	84.8	20	1807	1082	32265
5	3	91.3	20	1800	1617	176423
6	1	60.1	20	-	1047	322976
7	2	69.7	20	1329	1077	467179
8	1	55.8	20	-	1351	14546
9	2	76.4	20	1488	1506	159299
10	2	83.3	20	1835	1030	304157
11	1	60.3	20	-	1043	450351
12	2	69	20	1377	1932	593364
13	1	56	20	-	1111	141910
14	3	95.7	20	1836	1507	285465
15	2	69.3	20	1790	1947	430512
16	3	83.6	20	1981	1751	573239
17	2	72.2	20	1927	1950	123445
18	2	69.7	20	1148	1667	268502
19	3	98.6	20	1334	1878	412308
20	3	95.3	20	1759	1128	556618

Trial Number:			18			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5498.1195			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.4	18	1136	1219	117720
2	3	98	18	1029	1319	278249
3	1	60.4	18	-	1992	440194
4	3	92.9	18	1327	1253	599875
5	2	80.8	18	1612	1005	97836
6	2	76	18	1062	1958	258732
7	2	81.1	18	1578	1792	419465
8	1	53.2	18	-	1738	581764
9	2	72.5	18	1305	1496	77976
10	1	54.7	18	-	1824	239336
11	1	65.5	18	-	1884	400545
12	3	89	18	1121	1412	559586
13	2	80.6	18	1756	1723	58084
14	2	72.2	18	1171	1991	219033
15	3	84.1	18	1257	1982	379200
16	2	79.2	18	1312	1939	540802
17	2	68.8	18	1369	1550	38304
18	3	88.4	18	1052	1882	198805
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			19			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5493.3195			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.7	6	1350.000	1758.000	811540
2	1	50.9	6	-	1371.000	1176878
3	3	95.6	6	1232.000	1374.000	41644
4	1	52.9	6	-	1425.000	405163
5	2	67.8	6	1929.000	1500.000	767587
6	3	99.8	6	1516.000	1133.000	1129722
7	3	93.3	6	1415.000	1682.000	1492071
8	3	95.1	6	1520.000	1582.000	359636
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Trial Number:			20			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5498.5195			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.3	19	1122	1919	287439
2	2	71.7	19	1317	1049	433616
3	3	98.9	19	1827	1588	576524
4	1	53.8	19	-	1877	125975
5	3	86.2	19	1313	1183	270013
6	2	81.3	19	1205	1102	415803
7	2	75.4	19	1998	1600	559551
8	3	94.3	19	1765	1150	107599
9	3	96.1	19	1494	1217	252349
10	3	84.6	19	1156	1346	397013
11	3	88.7	19	1453	1663	540996
12	3	99.8	19	1315	1519	89940
13	1	53.9	19	-	1712	235367
14	1	65.3	19	-	1294	380736
15	2	79	19	1354	1753	524348
16	1	66.4	19	-	1384	72429
17	2	83.3	19	1660	1848	216840
18	2	71.6	19	1330	1589	361865
19	2	67.7	19	1760	1552	506343
20	2	71.3	19	1096	1942	54395

DFS Radar Parameters

FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			21			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5507.0805			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.4	5	1353	1427	498908
2	3	83.9	5	1328	1455	861811
3	1	61.5	5	-	1035	1227224
4	3	90.2	5	1804	1956	91568
5	1	64.7	5	-	1607	455177
6	3	83.8	5	1983	1238	817037
7	2	78.1	5	1262	1016	1181463
8	3	97.6	5	1138	1085	46931
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Trial Number:			22			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5501.4805			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	99.7	19	1698	1452	171598
2	2	75.4	19	1115	2000	324560
3	2	80.2	19	1199	1105	477598
4	1	60.7	19	-	1195	944
5	3	99.6	19	2000	1439	153019
6	3	85.8	19	1207	1674	305064
7	3	91.7	19	1300	1604	457261
8	1	59.4	19	-	1460	612238
9	1	54.3	19	-	1530	134928
10	2	68.6	19	1158	1764	287099
11	2	68.6	19	1188	1392	439807
12	3	84.3	19	1501	1333	590301
13	1	63.6	19	-	1380	116133
14	3	86.4	19	1255	1509	267834
15	2	76.1	19	1390	1912	420533
16	3	99.6	19	1718	1562	571958
17	3	90.5	19	1278	1567	96791
18	2	69.1	19	1414	1277	249629
19	3	84.5	19	1865	1913	400716
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Report Number : 690215

DFS Radar Parameters

FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			23			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5502.2805			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76.3	17	1926	1726	584779
2	2	72	17	1944	1776	82558
3	2	79.1	17	1813	1191	243606
4	2	69.7	17	1951	1015	404588
5	3	96.2	17	1079	1367	564375
6	2	82	17	1598	1694	62793
7	2	72	17	1868	1181	223764
8	1	56.6	17	-	1230	385767
9	1	50.4	17	-	1151	547221
10	1	60.2	17	-	1778	43073
11	1	58.7	17	-	1669	204363
12	3	89.1	17	1683	1342	364330
13	1	52.3	17	-	1654	526941
14	1	53.1	17	-	1296	23227
15	2	77.8	17	1483	1895	184023
16	3	94.6	17	1163	1910	344285
17	2	70.7	17	1973	1011	506060
18	1	54.3	17	-	1381	3349
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Trial Number:			24			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5502.2805			Yes
Burst	Number of Pulses	Pulse 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	17	1948	1696	164141
2	1	50.2	17	-	1099	326193
3	2	68.2	17	1013	1283	486737
4	2	73.7	17	1269	1125	647772
5	2	69.5	17	1056	1858	144493
6	1	62.1	17	-	1464	306141
7	1	64.6	17	-	1662	467335
8	1	52.9	17	-	1267	628993
9	3	83.5	17	1408	1201	124445
10	1	57.6	17	-	1700	286167
11	1	52	17	-	1937	447283
12	1	57.7	17	-	1690	608727
13	1	61.9	17	-	1112	105119
14	3	99.7	17	1054	1857	265200
15	3	95.7	17	1934	1234	425492
16	3	99.4	17	1416	1110	587152
17	1	51.7	17	-	1570	85178
18	2	75.6	17	1031	1870	245991
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DFS Radar Parameters

FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			25			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5502.6805			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	70.6	16	1413	1490	431019
2	1	55.7	16	-	1307	602879
3	3	84	16	1290	1811	68835
4	2	78.7	16	1969	1337	239386
5	2	77.5	16	1032	1299	410351
6	2	79.2	16	1856	1517	580124
7	3	91.3	16	1274	1417	47906
8	3	99.3	16	1631	1003	218001
9	3	95.7	16	1144	1268	388195
10	2	79.5	16	1615	1233	559555
11	1	66.3	16	-	1282	27088
12	2	81.1	16	1075	1051	197739
13	3	85.9	16	1769	1563	367152
14	3	91.8	16	1287	1987	537098
15	1	55.3	16	-	1534	6037
16	3	95.3	16	1289	1009	176258
17	1	62.5	16	-	1486	347714
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Trial Number:			26			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5506.6805			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68.9	6	1347	1298	979606
2	1	66.3	6	-	1542	1303419
3	1	52.6	6	-	1058	294736
4	1	52.4	6	-	1463	617667
5	2	66.9	6	1727	1734	939276
6	1	55	6	-	1091	1264061
7	3	93.2	6	1164	1089	254374
8	3	98.6	6	1985	1180	576317
9	1	64.3	6	-	1388	900949
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DFS Radar Parameters

FCC Radar Type 5

Channel 100 Bandwidth 20MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5503.4805			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	54.5	14	-	1365	733905
2	3	92.7	14	1227	1545	128530
3	3	98.3	14	1684	1074	321295
4	1	59.1	14	-	1620	516187
5	3	93.5	14	1688	1284	707395
6	1	52.9	14	-	1356	105105
7	1	51.4	14	-	1040	298920
8	1	52.1	14	-	1815	492215
9	2	73.9	14	1772	1585	684475
10	1	65	14	-	1166	81266
11	2	70.4	14	1888	1916	274100
12	3	99.3	14	1212	1522	467164
13	2	72.7	14	1915	1828	660356
14	3	89	14	1630	1705	57154
15	2	82.5	14	1487	1978	250421
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5504.6805			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	70.3	11	1097	1311	512738
2	1	66.5	11	-	1544	736720
3	3	85.1	11	1541	1231	38570
4	3	86.7	11	1867	1092	261371
5	1	52.4	11	-	1697	485608
6	2	71.8	11	1854	1420	707858
7	1	60.3	11	-	1917	11153
8	1	52.3	11	-	1908	234565
9	2	66.7	11	1871	1652	457175
10	3	87.1	11	1174	1820	679269
11	2	76.7	11	1967	1497	903274
12	2	83.1	11	1901	1505	206709
13	3	99.2	11	1266	1733	429166
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			29			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5501.4805			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	73.1	19	1057	1281	446653
2	1	53.6	19	-	1801	599775
3	1	50.6	19	-	1355	122825
4	3	90.8	19	1107	1949	274129
5	2	80.2	19	1596	1575	427288
6	1	63.2	19	-	1533	581208
7	2	74.7	19	1198	1957	103700
8	3	98.6	19	1768	1472	255623
9	1	50.9	19	-	1435	409643
10	3	86.5	19	1176	1729	559567
11	3	86.1	19	1609	1065	84812
12	1	63.3	19	-	1132	238103
13	2	79.6	19	1338	1720	389812
14	3	83.7	19	1941	1465	540269
15	2	67.8	19	1206	1308	66220
16	3	90.4	19	1819	1025	218170
17	2	74.8	19	1976	1304	370904
18	1	63.3	19	-	1795	524523
19	3	96.3	19	1593	1584	47268
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Trial Number:			30			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5505.0805			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.3	10	1068	1847	316997
2	2	70.2	10	1594	1966	558460
3	2	82.1	10	1410	1467	800677
4	1	50.4	10	-	1345	45457
5	2	69.9	10	1583	1440	287179
6	1	56.5	10	-	1461	529806
7	3	96.1	10	1382	1142	769944
8	3	92.6	10	1964	1971	15557
9	3	94.2	10	1165	1067	257155
10	3	90.3	10	1708	1202	498403
11	2	81.6	10	1689	1169	741114
12	2	72.1	10	1557	1794	982466
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Channel 102 Bandwidth 40MHz

Report Number : 690215

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	18	1165.50	858	Y
2	21	1089.32	918	Y
3	22	1066.10	938	Y
4	9	1474.93	678	Y
5	19	1138.95	878	Y
6	8	1519.76	658	Y
7	7	1567.40	638	Y
8	11	1392.76	718	Y
9	16	1222.49	818	Y
10	13	1319.26	758	Y
11	5	1672.24	598	Y
12	4	1730.10	578	Y
13	15	1253.13	798	Y
14	17	1193.32	838	Y
15	1	1930.50	518	Y
16		608.64	1643	Y
17		456.62	2190	Y
18		331.13	3020	Y
19		363.64	2750	Y
20		351.00	2849	Y
21		856.90	1167	Y
22		506.33	1975	Y
23		692.52	1444	Y
24		399.52	2503	Y
25		858.37	1165	Y
26		990.10	1010	Y
27		327.76	3051	Y
28		552.79	1809	Y
29		338.64	2953	Y
30		645.16	1550	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	26	3.10	169	Y
2	28	4.00	166	Y
3	28	4.10	222	Y
4	23	1.20	193	Y
5	26	2.70	205	Y
6	29	4.80	155	Y
7	25	2.40	209	Y
8	26	3.20	203	Y
9	23	1.40	207	Y
10	28	4.30	216	Y
11	28	4.00	208	Y
12	25	2.10	201	N
13	27	3.70	224	Y
14	26	2.80	204	Y
15	23	1.20	220	Y
16	28	3.90	164	Y
17	29	5.00	179	Y
18	28	4.40	187	Y
19	23	1.20	160	Y
20	29	4.80	190	Y
21	23	1.20	158	Y
22	29	4.70	199	Y
23	28	4.20	196	N
24	28	4.20	215	Y
25	27	3.90	182	Y
26	23	1.30	221	N
27	27	3.40	210	Y
28	25	2.60	162	Y
29	29	4.60	212	N
30	25	2.40	181	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	8.10	439	Y
2	18	9.00	373	Y
3	18	9.10	441	Y
4	16	6.20	378	Y
5	17	7.70	406	Y
6	18	9.80	229	Y
7	17	7.40	269	Y
8	17	8.20	247	Y
9	16	6.40	328	Y
10	18	9.30	356	Y
11	18	9.00	474	Y
12	16	7.10	366	Y
13	17	8.70	385	Y
14	17	7.80	476	Y
15	16	6.20	290	N
16	18	8.90	394	Y
17	18	10.00	451	Y
18	18	9.40	443	Y
19	16	6.20	312	Y
20	18	9.80	375	Y
21	16	6.20	267	Y
22	18	9.70	245	N
23	18	9.20	390	Y
24	18	9.20	494	Y
25	18	8.90	498	Y
26	16	6.30	281	Y
27	17	8.40	448	Y
28	17	7.60	386	Y
29	18	9.60	433	Y
30	17	7.40	384	Y

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.60	439	Y
2	15	17.80	373	N
3	15	17.90	441	Y
4	12	11.60	378	Y
5	14	14.90	406	Y
6	16	19.40	229	Y
7	13	14.20	269	Y
8	14	15.90	247	Y
9	12	11.90	328	Y
10	16	18.30	356	Y
11	15	17.80	474	Y
12	13	13.60	366	Y
13	15	17.00	385	Y
14	14	15.10	476	Y
15	12	11.50	290	Y
16	15	17.50	394	Y
17	16	20.00	451	N
18	16	18.50	443	Y
19	12	11.50	312	N
20	16	19.40	375	Y
21	12	11.50	267	Y
22	16	19.30	245	Y
23	15	18.10	390	Y
24	15	18.20	494	Y
25	15	17.40	498	Y
26	12	11.70	281	Y
27	15	16.50	448	Y
28	13	14.50	386	Y
29	16	19.10	433	Y
30	13	14.10	384	Y

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.7	13	1739	1241	646609
2	3	87.4	13	1172	1459	852941
3	3	88.2	13	1155	1521	206440
4	1	53.5	13	-	1228	414779
5	2	71.8	13	1070	1060	621709
6	3	96.7	13	1131	1084	827576
7	2	68	13	1263	1400	181318
8	2	77.1	13	1935	1064	388403
9	1	55	13	-	1955	596288
10	3	90.7	13	1559	1226	801583
11	3	87.7	13	1898	1437	155331
12	1	64.4	13	-	1434	363551
13	2	83.3	13	1602	1845	569744
14	2	73	13	1651	1911	776688
15						
16						
17						
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	53.1	16	-	1502	107382
2	3	86.1	16	1686	1495	277006
3	3	99.9	16	1924	1475	446747
4	3	91.6	16	1566	1702	617412
5	1	53.2	16	-	1614	86325
6	3	96.7	16	1687	1860	255900
7	1	52.7	16	-	1261	428154
8	3	95.9	16	1771	1177	596223
9	3	89.3	16	1918	1595	64942
10	3	90	16	1889	1293	235220
11	3	85.7	16	1555	1073	405265
12	1	54.4	16	-	1577	577738
13	2	80.4	16	1678	1746	44132
14	2	69.8	16	1001	1808	214688
15	3	95	16	1560	1832	383884
16	2	67.5	16	1748	1653	555256
17	1	60.1	16	-	1240	23219
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			3			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	3	89.7	17	1548	1731	193179
2	1	64.5	17	-	1622	364817
3	1	55.4	17	-	1162	535972
4	3	98.4	17	1736	1954	2154
5	1	65.6	17	-	1637	172969
6	1	57.3	17	-	1673	343753
7	1	54.3	17	-	1210	514884
8	3	99	17	1995	1260	682234
9	1	57.9	17	-	1903	151872
10	3	88.1	17	1402	1938	321422
11	3	94.8	17	1822	1378	491302
12	2	67.6	17	1859	1059	663127
13	3	88.2	17	1885	1108	130308
14	1	54.3	17	-	1276	301847
15	3	84.4	17	1866	1648	470146
16	1	60.2	17	-	1692	643246
17	1	64.6	17	-	1980	109798
18						
19						
20						

Trial Number:			4			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	3	90.5	6	1750	1424	595976
2	2	75.2	6	1179	1561	959816
3	1	57.5	6	-	1906	1323685
4	3	96.7	6	1468	1081	188717
5	2	78.4	6	1098	1984	551827
6	3	93	6	1752	1222	913835
7	3	85.6	6	1109	1840	1276850
8	2	79.9	6	1802	1988	143990
9						
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.2	11	1348	1543	311092
2	3	98.3	11	1147	1953	533827
3	2	67.8	11	1396	1817	757812
4	2	67.4	11	1411	1625	61056
5	1	66.2	11	-	1791	284579
6	3	98.2	11	1732	1883	506220
7	2	82.1	11	1314	1063	730996
8	3	87.5	11	1741	1474	33522
9	2	80.5	11	1851	1513	256617
10	3	98.1	11	1038	1126	479767
11	3	99.9	11	1810	1466	701864
12	2	77.8	11	1124	1706	6086
13	2	74.7	11	1655	1618	229164
14						
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16						
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18						
19						
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.6	19	1197	1713	292847
2	2	78.7	19	1405	1010	438752
3	3	95.6	19	1826	1638	581382
4	3	92.6	19	1273	1341	130633
5	3	95.3	19	1048	1028	275467
6	1	58.5	19	-	1767	421356
7	1	57.9	19	-	1061	567114
8	2	78.2	19	1499	1643	113043
9	1	51	19	-	1755	258399
10	3	85.6	19	1236	1326	402192
11	1	51.2	19	-	1429	548884
12	3	94.2	19	1649	1641	94916
13	1	65.8	19	-	1920	240460
14	2	79.3	19	1114	1699	384938
15	2	69.8	19	1352	1788	529484
16	1	59.9	19	-	1117	77644
17	1	63.4	19	-	1749	222657
18	1	61.3	19	-	1553	367872
19	2	71.6	19	1361	1249	512108
20	2	69.8	19	1007	1376	59626

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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:			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	82.5	13	1187	1647	201429
2	3	90	13	1113	1200	394349
3	1	52.9	13	-	1587	589025
4	3	96.5	13	1428	1480	779568
5	1	62	13	-	1515	177908
6	1	54	13	-	1905	371385
7	2	83.2	13	1632	1793	563872
8	3	84.4	13	1246	1141	756383
9	2	77.6	13	1288	1078	153890
10	1	51.6	13	-	1605	347673
11	3	97.2	13	1477	1597	539339
12	1	62.7	13	-	1340	735188
13	1	66.6	13	-	1101	130267
14	2	73.3	13	1357	1006	323514
15	1	50.4	13	-	1535	517503
16						
17						
18						
19						
20						

Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.5	13	1187	1647	201429
2	3	90	13	1113	1200	394349
3	1	52.9	13	-	1587	589025
4	3	96.5	13	1428	1480	779568
5	1	62	13	-	1515	177908
6	1	54	13	-	1905	371385
7	2	83.2	13	1632	1793	563872
8	3	84.4	13	1246	1141	756383
9	2	77.6	13	1288	1078	153890
10	1	51.6	13	-	1605	347673
11	3	97.2	13	1477	1597	539339
12	1	62.7	13	-	1340	735188
13	1	66.6	13	-	1101	130267
14	2	73.3	13	1357	1006	323514
15	1	50.4	13	-	1535	517503
16						
17						
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			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	68.9	6	1395	1393	1185054
2	1	62.3	6	-	1302	177406
3	2	77.5	6	1264	1389	499958
4	2	67	6	1658	1591	822321
5	3	86.8	6	1368	1536	1143882
6	2	78.3	6	1225	1168	137499
7	1	57.9	6	-	1728	460524
8	1	56.2	6	-	1042	783884
9	2	70.1	6	1634	1558	1105220
10						
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12						
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15						
16						
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19						
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	69.6	18	1581	1518	48730
2	1	59	18	-	1123	210290
3	1	61	18	-	1146	371693
4	1	53.5	18	-	1373	532921
5	2	68.6	18	1657	1503	28903
6	3	95.3	18	1130	1256	189696
7	3	98.1	18	1610	1554	350117
8	3	93.4	18	1072	1259	511089
9	2	79.2	18	1489	1806	9080
10	2	66.7	18	1170	1735	170068
11	1	61.6	18	-	1576	331714
12	2	75.8	18	1546	1360	492034
13	2	76.3	18	1247	1071	653595
14	2	73.3	18	1514	1004	150326
15	3	98	18	1445	1549	310261
16	1	59.4	18	-	1730	473041
17	2	78.1	18	1203	1744	633148
18	3	87.2	18	1798	1407	130131
19						
20						

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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:			5498.534			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.3	17	1959	1693	307778
2	2	66.7	17	1781	1785	478652
3	2	70.3	17	1551	1303	649644
4	3	96.4	17	1438	1485	116825
5	2	69.9	17	1639	1258	287611
6	1	58.3	17	-	1842	458794
7	3	91.3	17	1747	1076	627755
8	2	71	17	1668	1599	96063
9	1	50.3	17	-	1386	267182
10	1	52.7	17	-	1711	437843
11	3	90.7	17	1962	1504	605546
12	2	69.6	17	1573	1861	75055
13	1	56.2	17	-	1740	246012
14	2	74.5	17	1498	1789	415873
15	3	83.7	17	1018	1601	585350
16	2	82.8	17	1633	1430	54098
17	2	76.9	17	1725	1862	224386
18						
19						
20						

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5495.334			Yes
Burst	Number of Pulses	Pulse 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	53	-	1023	612555
2	3	93.1	93.1	1853	1626	873998
3	2	79.6	79.6	1890	1182	51235
4	1	65.8	65.8	-	1418	315549
5	2	82.3	82.3	1894	1045	578976
6	1	53.6	53.6	-	1404	844032
7	1	53.7	53.7	-	1104	18771
8	3	83.5	83.5	1762	1152	282206
9	3	99.9	99.9	1140	1940	545437
10	1	61.6	61.6	-	1628	811317
11	2	74.6	74.6	1833	1306	1074010
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DFS Radar Parameters

FCC Radar Type 5

Channel 102 Bandwidth 40MHz

Trial Number:			13			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5497.734			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.7	15	1422	1399	171341
2	3	89	15	1379	1893	352172
3	2	79.6	15	1190	1119	534557
4	1	57.6	15	-	1963	716227
5	1	58.6	15	-	1209	149763
6	3	91.1	15	1714	1677	329531
7	1	65.7	15	-	1391	512849
8	3	89.5	15	1695	1864	691395
9	3	99.9	15	1709	1724	126768
10	2	73.2	15	1701	1167	308314
11	3	89.1	15	1322	1923	488500
12	1	52.7	15	-	1103	672305
13	1	62.2	15	-	1251	105018
14	3	97.7	15	1254	1547	285406
15	3	95	15	1292	1999	466279
16	3	95.4	15	1143	1214	647239
17						
18						
19						
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Trial Number:			14			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5496.534			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	52.7	12	-	1531	101724
2	1	59.5	12	-	1444	325258
3	1	60.4	12	-	1362	548832
4	3	87.2	12	1271	1224	770312
5	3	92.2	12	1676	1799	73940
6	3	93.5	12	1664	1965	296494
7	3	96.5	12	1041	1629	519481
8	3	94.9	12	1237	1343	743029
9	1	66.3	12	-	1886	46644
10	3	98.6	12	1914	1875	269044
11	2	71.4	12	1370	1194	493117
12	1	59.9	12	-	1685	717054
13	1	63.1	12	-	1021	19142
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5494.134			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	66.5	6	-	1423	394563
2	1	62.9	6	-	1127	758165
3	2	70	6	1458	1433	1120369
4	3	96.7	6	1590	1852	1481711
5	1	66.6	6	-	1761	349715
6	2	78.3	6	1754	1666	712296
7	1	61.3	6	-	1286	1076797
8	2	73.1	6	1349	1818	1438475
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19						
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5498.134			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	83	16	1613	1989	142945
2	1	61	16	-	1640	314145
3	1	65.2	16	-	1324	485164
4	1	58.8	16	-	1891	655514
5	3	94.2	16	1512	1149	121892
6	2	83	16	1185	1671	292600
7	1	53.6	16	-	1457	464028
8	1	64	16	-	1173	635129
9	3	90.4	16	1846	1363	100892
10	2	67.4	16	1508	1285	271622
11	2	68.2	16	1538	1160	442203
12	3	87.4	16	1383	1215	611409
13	1	58.3	16	-	1719	80219
14	1	51	16	-	1787	250976
15	2	73.9	16	1403	1039	421350
16	3	89.5	16	1336	1100	590679
17	2	74.5	16	1556	1879	59038
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Report Number : 690215

DFS Radar Parameters

FCC Radar Type 5

Channel 102 Bandwidth 40MHz

Trial Number:			17			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5499.734			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.5	20	1069	1426	195132
2	3	99.2	20	1997	1930	338239
3	3	92.6	20	1569	1129	483177
4	3	84.8	20	1807	1082	32265
5	3	91.3	20	1800	1617	176423
6	1	60.1	20	-	1047	322976
7	2	69.7	20	1329	1077	467179
8	1	55.8	20	-	1351	14546
9	2	76.4	20	1488	1506	159299
10	2	83.3	20	1835	1030	304157
11	1	60.3	20	-	1043	450351
12	2	69	20	1377	1932	593364
13	1	56	20	-	1111	141910
14	3	95.7	20	1836	1507	285465
15	2	69.3	20	1790	1947	430512
16	3	83.6	20	1981	1751	573239
17	2	72.2	20	1927	1950	123445
18	2	69.7	20	1148	1667	268502
19	3	98.6	20	1334	1878	412308
20	3	95.3	20	1759	1128	556618

Trial Number:			18			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5498.934			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.4	18	1136	1219	117720
2	3	98	18	1029	1319	278249
3	1	60.4	18	-	1992	440194
4	3	92.9	18	1327	1253	599875
5	2	80.8	18	1612	1005	97836
6	2	76	18	1062	1958	258732
7	2	81.1	18	1578	1792	419465
8	1	53.2	18	-	1738	581764
9	2	72.5	18	1305	1496	77976
10	1	54.7	18	-	1824	239336
11	1	65.5	18	-	1884	400545
12	3	89	18	1121	1412	559586
13	2	80.6	18	1756	1723	58084
14	2	72.2	18	1171	1991	219033
15	3	84.1	18	1257	1982	379200
16	2	79.2	18	1312	1939	540802
17	2	68.8	18	1369	1550	38304
18	3	88.4	18	1052	1882	198805
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Report Number : 690215

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

Trial Number:			19			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5494.134			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.7	6	1350.000	1758.000	811540
2	1	50.9	6	-	1371.000	1176878
3	3	95.6	6	1232.000	1374.000	41644
4	1	52.9	6	-	1425.000	405163
5	2	67.8	6	1929.000	1500.000	767587
6	3	99.8	6	1516.000	1133.000	1129722
7	3	93.3	6	1415.000	1682.000	1492071
8	3	95.1	6	1520.000	1582.000	359636
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Trial Number:			20			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5499.334			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.3	19	1122	1919	287439
2	2	71.7	19	1317	1049	433616
3	3	98.9	19	1827	1588	576524
4	1	53.8	19	-	1877	125975
5	3	86.2	19	1313	1183	270013
6	2	81.3	19	1205	1102	415803
7	2	75.4	19	1998	1600	559551
8	3	94.3	19	1765	1150	107599
9	3	96.1	19	1494	1217	252349
10	3	84.6	19	1156	1346	397013
11	3	88.7	19	1453	1663	540996
12	3	99.8	19	1315	1519	89940
13	1	53.9	19	-	1712	235367
14	1	65.3	19	-	1294	380736
15	2	79	19	1354	1753	524348
16	1	66.4	19	-	1384	72429
17	2	83.3	19	1660	1848	216840
18	2	71.6	19	1330	1589	361865
19	2	67.7	19	1760	1552	506343
20	2	71.3	19	1096	1942	54395

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

Trial Number:			21			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5526.266			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.4	5	1353	1427	498908
2	3	83.9	5	1328	1455	861811
3	1	61.5	5	-	1035	1227224
4	3	90.2	5	1804	1956	91568
5	1	64.7	5	-	1607	455177
6	3	83.8	5	1983	1238	817037
7	2	78.1	5	1262	1016	1181463
8	3	97.6	5	1138	1085	46931
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Trial Number:			22			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5520.666			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	99.7	19	1698	1452	171598
2	2	75.4	19	1115	2000	324560
3	2	80.2	19	1199	1105	477598
4	1	60.7	19	-	1195	944
5	3	99.6	19	2000	1439	153019
6	3	85.8	19	1207	1674	305064
7	3	91.7	19	1300	1604	457261
8	1	59.4	19	-	1460	612238
9	1	54.3	19	-	1530	134928
10	2	68.6	19	1158	1764	287099
11	2	68.6	19	1188	1392	439807
12	3	84.3	19	1501	1333	590301
13	1	63.6	19	-	1380	116133
14	3	86.4	19	1255	1509	267834
15	2	76.1	19	1390	1912	420533
16	3	99.6	19	1718	1562	571958
17	3	90.5	19	1278	1567	96791
18	2	69.1	19	1414	1277	249629
19	3	84.5	19	1865	1913	400716
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Report Number : 690215

DFS Radar Parameters

FCC Radar Type 5

Channel 102 Bandwidth 40MHz

Trial Number:			23			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5521.466			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76.3	17	1926	1726	584779
2	2	72	17	1944	1776	82558
3	2	79.1	17	1813	1191	243606
4	2	69.7	17	1951	1015	404588
5	3	96.2	17	1079	1367	564375
6	2	82	17	1598	1694	62793
7	2	72	17	1868	1181	223764
8	1	56.6	17	-	1230	385767
9	1	50.4	17	-	1151	547221
10	1	60.2	17	-	1778	43073
11	1	58.7	17	-	1669	204363
12	3	89.1	17	1683	1342	364330
13	1	52.3	17	-	1654	526941
14	1	53.1	17	-	1296	23227
15	2	77.8	17	1483	1895	184023
16	3	94.6	17	1163	1910	344285
17	2	70.7	17	1973	1011	506060
18	1	54.3	17	-	1381	3349
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Trial Number:			24			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5521.466			Yes
Burst	Number of Pulses	Pulse 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	17	1948	1696	164141
2	1	50.2	17	-	1099	326193
3	2	68.2	17	1013	1283	486737
4	2	73.7	17	1269	1125	647772
5	2	69.5	17	1056	1858	144493
6	1	62.1	17	-	1464	306141
7	1	64.6	17	-	1662	467335
8	1	52.9	17	-	1267	628993
9	3	83.5	17	1408	1201	124445
10	1	57.6	17	-	1700	286167
11	1	52	17	-	1937	447283
12	1	57.7	17	-	1690	608727
13	1	61.9	17	-	1112	105119
14	3	99.7	17	1054	1857	265200
15	3	95.7	17	1934	1234	425492
16	3	99.4	17	1416	1110	587152
17	1	51.7	17	-	1570	85178
18	2	75.6	17	1031	1870	245991
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DFS Radar Parameters

FCC Radar Type 5

Channel 102 Bandwidth 40MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5521.866			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	70.6	16	1413	1490	431019
2	1	55.7	16	-	1307	602879
3	3	84	16	1290	1811	68835
4	2	78.7	16	1969	1337	239386
5	2	77.5	16	1032	1299	410351
6	2	79.2	16	1856	1517	580124
7	3	91.3	16	1274	1417	47906
8	3	99.3	16	1631	1003	218001
9	3	95.7	16	1144	1268	388195
10	2	79.5	16	1615	1233	559555
11	1	66.3	16	-	1282	27088
12	2	81.1	16	1075	1051	197739
13	3	85.9	16	1769	1563	367152
14	3	91.8	16	1287	1987	537098
15	1	55.3	16	-	1534	6037
16	3	95.3	16	1289	1009	176258
17	1	62.5	16	-	1486	347714
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5525.866			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68.9	6	1347	1298	979606
2	1	66.3	6	-	1542	1303419
3	1	52.6	6	-	1058	294736
4	1	52.4	6	-	1463	617667
5	2	66.9	6	1727	1734	939276
6	1	55	6	-	1091	1264061
7	3	93.2	6	1164	1089	254374
8	3	98.6	6	1985	1180	576317
9	1	64.3	6	-	1388	900949
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DFS Radar Parameters

FCC Radar Type 5

Channel 102 Bandwidth 40MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5522.666			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	54.5	14	-	1365	733905
2	3	92.7	14	1227	1545	128530
3	3	98.3	14	1684	1074	321295
4	1	59.1	14	-	1620	516187
5	3	93.5	14	1688	1284	707395
6	1	52.9	14	-	1356	105105
7	1	51.4	14	-	1040	298920
8	1	52.1	14	-	1815	492215
9	2	73.9	14	1772	1585	684475
10	1	65	14	-	1166	81266
11	2	70.4	14	1888	1916	274100
12	3	99.3	14	1212	1522	467164
13	2	72.7	14	1915	1828	660356
14	3	89	14	1630	1705	57154
15	2	82.5	14	1487	1978	250421
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5523.866			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	70.3	11	1097	1311	512738
2	1	66.5	11	-	1544	736720
3	3	85.1	11	1541	1231	38570
4	3	86.7	11	1867	1092	261371
5	1	52.4	11	-	1697	485608
6	2	71.8	11	1854	1420	707858
7	1	60.3	11	-	1917	11153
8	1	52.3	11	-	1908	234565
9	2	66.7	11	1871	1652	457175
10	3	87.1	11	1174	1820	679269
11	2	76.7	11	1967	1497	903274
12	2	83.1	11	1901	1505	206709
13	3	99.2	11	1266	1733	429166
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DFS Radar Parameters

FCC Radar Type 5

Channel 102 Bandwidth 40MHz

Trial Number:			29			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5520.666			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	73.1	19	1057	1281	446653
2	1	53.6	19	-	1801	599775
3	1	50.6	19	-	1355	122825
4	3	90.8	19	1107	1949	274129
5	2	80.2	19	1596	1575	427288
6	1	63.2	19	-	1533	581208
7	2	74.7	19	1198	1957	103700
8	3	98.6	19	1768	1472	255623
9	1	50.9	19	-	1435	409643
10	3	86.5	19	1176	1729	559567
11	3	86.1	19	1609	1065	84812
12	1	63.3	19	-	1132	238103
13	2	79.6	19	1338	1720	389812
14	3	83.7	19	1941	1465	540269
15	2	67.8	19	1206	1308	66220
16	3	90.4	19	1819	1025	218170
17	2	74.8	19	1976	1304	370904
18	1	63.3	19	-	1795	524523
19	3	96.3	19	1593	1584	47268
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Trial Number:			30			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5524.266			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.3	10	1068	1847	316997
2	2	70.2	10	1594	1966	558460
3	2	82.1	10	1410	1467	800677
4	1	50.4	10	-	1345	45457
5	2	69.9	10	1583	1440	287179
6	1	56.5	10	-	1461	529806
7	3	96.1	10	1382	1142	769944
8	3	92.6	10	1964	1971	15557
9	3	94.2	10	1165	1067	257155
10	3	90.3	10	1708	1202	498403
11	2	81.6	10	1689	1169	741114
12	2	72.1	10	1557	1794	982466
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Channel 106 Bandwidth 80MHz

Report Number : 690215

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	18	1165.50	858	Y
2	21	1089.32	918	Y
3	22	1066.10	938	Y
4	9	1474.93	678	Y
5	19	1138.95	878	Y
6	8	1519.76	658	Y
7	7	1567.40	638	Y
8	11	1392.76	718	Y
9	16	1222.49	818	Y
10	13	1319.26	758	Y
11	5	1672.24	598	Y
12	4	1730.10	578	Y
13	15	1253.13	798	Y
14	17	1193.32	838	Y
15	1	1930.50	518	Y
16		608.64	1643	Y
17		456.62	2190	Y
18		331.13	3020	Y
19		363.64	2750	Y
20		351.00	2849	Y
21		856.90	1167	Y
22		506.33	1975	Y
23		692.52	1444	Y
24		399.52	2503	Y
25		858.37	1165	Y
26		990.10	1010	Y
27		327.76	3051	Y
28		552.79	1809	Y
29		338.64	2953	Y
30		645.16	1550	Y

Report Number : 690215

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	26	3.10	169	Y
2	28	4.00	166	Y
3	28	4.10	222	Y
4	23	1.20	193	Y
5	26	2.70	205	Y
6	29	4.80	155	Y
7	25	2.40	209	Y
8	26	3.20	203	Y
9	23	1.40	207	Y
10	28	4.30	216	Y
11	28	4.00	208	N
12	25	2.10	201	Y
13	27	3.70	224	Y
14	26	2.80	204	Y
15	23	1.20	220	Y
16	28	3.90	164	Y
17	29	5.00	179	Y
18	28	4.40	187	Y
19	23	1.20	160	Y
20	29	4.80	190	Y
21	23	1.20	158	Y
22	29	4.70	199	Y
23	28	4.20	196	N
24	28	4.20	215	N
25	27	3.90	182	Y
26	23	1.30	221	Y
27	27	3.40	210	Y
28	25	2.60	162	Y
29	29	4.60	212	Y
30	25	2.40	181	Y

Report Number : 690215

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	8.10	439	Y
2	18	9.00	373	N
3	18	9.10	441	Y
4	16	6.20	378	Y
5	17	7.70	406	Y
6	18	9.80	229	Y
7	17	7.40	269	Y
8	17	8.20	247	N
9	16	6.40	328	N
10	18	9.30	356	Y
11	18	9.00	474	Y
12	16	7.10	366	N
13	17	8.70	385	Y
14	17	7.80	476	Y
15	16	6.20	290	Y
16	18	8.90	394	Y
17	18	10.00	451	Y
18	18	9.40	443	Y
19	16	6.20	312	Y
20	18	9.80	375	Y
21	16	6.20	267	Y
22	18	9.70	245	Y
23	18	9.20	390	Y
24	18	9.20	494	N
25	18	8.90	498	Y
26	16	6.30	281	Y
27	17	8.40	448	Y
28	17	7.60	386	Y
29	18	9.60	433	Y
30	17	7.40	384	Y

Report Number : 690215

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.60	439	N
2	15	17.80	373	Y
3	15	17.90	441	Y
4	12	11.60	378	Y
5	14	14.90	406	Y
6	16	19.40	229	N
7	13	14.20	269	Y
8	14	15.90	247	Y
9	12	11.90	328	Y
10	16	18.30	356	Y
11	15	17.80	474	Y
12	13	13.60	366	Y
13	15	17.00	385	Y
14	14	15.10	476	Y
15	12	11.50	290	Y
16	15	17.50	394	Y
17	16	20.00	451	Y
18	16	18.50	443	Y
19	12	11.50	312	Y
20	16	19.40	375	Y
21	12	11.50	267	Y
22	16	19.30	245	Y
23	15	18.10	390	Y
24	15	18.20	494	Y
25	15	17.40	498	Y
26	12	11.70	281	Y
27	15	16.50	448	Y
28	13	14.50	386	Y
29	16	19.10	433	Y
30	13	14.10	384	N

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.7	13	1739	1241	646609
2	3	87.4	13	1172	1459	852941
3	3	88.2	13	1155	1521	206440
4	1	53.5	13	-	1228	414779
5	2	71.8	13	1070	1060	621709
6	3	96.7	13	1131	1084	827576
7	2	68	13	1263	1400	181318
8	2	77.1	13	1935	1064	388403
9	1	55	13	-	1955	596288
10	3	90.7	13	1559	1226	801583
11	3	87.7	13	1898	1437	155331
12	1	64.4	13	-	1434	363551
13	2	83.3	13	1602	1845	569744
14	2	73	13	1651	1911	776688
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16						
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	53.1	16	-	1502	107382
2	3	86.1	16	1686	1495	277006
3	3	99.9	16	1924	1475	446747
4	3	91.6	16	1566	1702	617412
5	1	53.2	16	-	1614	86325
6	3	96.7	16	1687	1860	255900
7	1	52.7	16	-	1261	428154
8	3	95.9	16	1771	1177	596223
9	3	89.3	16	1918	1595	64942
10	3	90	16	1889	1293	235220
11	3	85.7	16	1555	1073	405265
12	1	54.4	16	-	1577	577738
13	2	80.4	16	1678	1746	44132
14	2	69.8	16	1001	1808	214688
15	3	95	16	1560	1832	383884
16	2	67.5	16	1748	1653	555256
17	1	60.1	16	-	1240	23219
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19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			3			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	3	89.7	17	1548	1731	193179
2	1	64.5	17	-	1622	364817
3	1	55.4	17	-	1162	535972
4	3	98.4	17	1736	1954	2154
5	1	65.6	17	-	1637	172969
6	1	57.3	17	-	1673	343753
7	1	54.3	17	-	1210	514884
8	3	99	17	1995	1260	682234
9	1	57.9	17	-	1903	151872
10	3	88.1	17	1402	1938	321422
11	3	94.8	17	1822	1378	491302
12	2	67.6	17	1859	1059	663127
13	3	88.2	17	1885	1108	130308
14	1	54.3	17	-	1276	301847
15	3	84.4	17	1866	1648	470146
16	1	60.2	17	-	1692	643246
17	1	64.6	17	-	1980	109798
18						
19						
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Trial Number:			4			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	3	90.5	6	1750	1424	595976
2	2	75.2	6	1179	1561	959816
3	1	57.5	6	-	1906	1323685
4	3	96.7	6	1468	1081	188717
5	2	78.4	6	1098	1984	551827
6	3	93	6	1752	1222	913835
7	3	85.6	6	1109	1840	1276850
8	2	79.9	6	1802	1988	143990
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	98.2	11	1348	1543	311092
2	3	98.3	11	1147	1953	533827
3	2	67.8	11	1396	1817	757812
4	2	67.4	11	1411	1625	61056
5	1	66.2	11	-	1791	284579
6	3	98.2	11	1732	1883	506220
7	2	82.1	11	1314	1063	730996
8	3	87.5	11	1741	1474	33522
9	2	80.5	11	1851	1513	256617
10	3	98.1	11	1038	1126	479767
11	3	99.9	11	1810	1466	701864
12	2	77.8	11	1124	1706	6086
13	2	74.7	11	1655	1618	229164
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.6	19	1197	1713	292847
2	2	78.7	19	1405	1010	438752
3	3	95.6	19	1826	1638	581382
4	3	92.6	19	1273	1341	130633
5	3	95.3	19	1048	1028	275467
6	1	58.5	19	-	1767	421356
7	1	57.9	19	-	1061	567114
8	2	78.2	19	1499	1643	113043
9	1	51	19	-	1755	258399
10	3	85.6	19	1236	1326	402192
11	1	51.2	19	-	1429	548884
12	3	94.2	19	1649	1641	94916
13	1	65.8	19	-	1920	240460
14	2	79.3	19	1114	1699	384938
15	2	69.8	19	1352	1788	529484
16	1	59.9	19	-	1117	77644
17	1	63.4	19	-	1749	222657
18	1	61.3	19	-	1553	367872
19	2	71.6	19	1361	1249	512108
20	2	69.8	19	1007	1376	59626

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DFS Radar Parameters
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Channel 106 Bandwidth 80MHz

Trial Number:			7			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	82.5	13	1187	1647	201429
2	3	90	13	1113	1200	394349
3	1	52.9	13	-	1587	589025
4	3	96.5	13	1428	1480	779568
5	1	62	13	-	1515	177908
6	1	54	13	-	1905	371385
7	2	83.2	13	1632	1793	563872
8	3	84.4	13	1246	1141	756383
9	2	77.6	13	1288	1078	153890
10	1	51.6	13	-	1605	347673
11	3	97.2	13	1477	1597	539339
12	1	62.7	13	-	1340	735188
13	1	66.6	13	-	1101	130267
14	2	73.3	13	1357	1006	323514
15	1	50.4	13	-	1535	517503
16						
17						
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19						
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.5	13	1187	1647	201429
2	3	90	13	1113	1200	394349
3	1	52.9	13	-	1587	589025
4	3	96.5	13	1428	1480	779568
5	1	62	13	-	1515	177908
6	1	54	13	-	1905	371385
7	2	83.2	13	1632	1793	563872
8	3	84.4	13	1246	1141	756383
9	2	77.6	13	1288	1078	153890
10	1	51.6	13	-	1605	347673
11	3	97.2	13	1477	1597	539339
12	1	62.7	13	-	1340	735188
13	1	66.6	13	-	1101	130267
14	2	73.3	13	1357	1006	323514
15	1	50.4	13	-	1535	517503
16						
17						
18						
19						
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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:			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	68.9	6	1395	1393	1185054
2	1	62.3	6	-	1302	177406
3	2	77.5	6	1264	1389	499958
4	2	67	6	1658	1591	822321
5	3	86.8	6	1368	1536	1143882
6	2	78.3	6	1225	1168	137499
7	1	57.9	6	-	1728	460524
8	1	56.2	6	-	1042	783884
9	2	70.1	6	1634	1558	1105220
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	69.6	18	1581	1518	48730
2	1	59	18	-	1123	210290
3	1	61	18	-	1146	371693
4	1	53.5	18	-	1373	532921
5	2	68.6	18	1657	1503	28903
6	3	95.3	18	1130	1256	189696
7	3	98.1	18	1610	1554	350117
8	3	93.4	18	1072	1259	511089
9	2	79.2	18	1489	1806	9080
10	2	66.7	18	1170	1735	170068
11	1	61.6	18	-	1576	331714
12	2	75.8	18	1546	1360	492034
13	2	76.3	18	1247	1071	653595
14	2	73.3	18	1514	1004	150326
15	3	98	18	1445	1549	310261
16	1	59.4	18	-	1730	473041
17	2	78.1	18	1203	1744	633148
18	3	87.2	18	1798	1407	130131
19						
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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:			5498.6895			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.3	17	1959	1693	307778
2	2	66.7	17	1781	1785	478652
3	2	70.3	17	1551	1303	649644
4	3	96.4	17	1438	1485	116825
5	2	69.9	17	1639	1258	287611
6	1	58.3	17	-	1842	458794
7	3	91.3	17	1747	1076	627755
8	2	71	17	1668	1599	96063
9	1	50.3	17	-	1386	267182
10	1	52.7	17	-	1711	437843
11	3	90.7	17	1962	1504	605546
12	2	69.6	17	1573	1861	75055
13	1	56.2	17	-	1740	246012
14	2	74.5	17	1498	1789	415873
15	3	83.7	17	1018	1601	585350
16	2	82.8	17	1633	1430	54098
17	2	76.9	17	1725	1862	224386
18						
19						
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5495.4895			Yes
Burst	Number of Pulses	Pulse 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	53	-	1023	612555
2	3	93.1	93.1	1853	1626	873998
3	2	79.6	79.6	1890	1182	51235
4	1	65.8	65.8	-	1418	315549
5	2	82.3	82.3	1894	1045	578976
6	1	53.6	53.6	-	1404	844032
7	1	53.7	53.7	-	1104	18771
8	3	83.5	83.5	1762	1152	282206
9	3	99.9	99.9	1140	1940	545437
10	1	61.6	61.6	-	1628	811317
11	2	74.6	74.6	1833	1306	1074010
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DFS Radar Parameters

FCC Radar Type 5

Channel 106 Bandwidth 80MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5497.8895			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.7	15	1422	1399	171341
2	3	89	15	1379	1893	352172
3	2	79.6	15	1190	1119	534557
4	1	57.6	15	-	1963	716227
5	1	58.6	15	-	1209	149763
6	3	91.1	15	1714	1677	329531
7	1	65.7	15	-	1391	512849
8	3	89.5	15	1695	1864	691395
9	3	99.9	15	1709	1724	126768
10	2	73.2	15	1701	1167	308314
11	3	89.1	15	1322	1923	488500
12	1	52.7	15	-	1103	672305
13	1	62.2	15	-	1251	105018
14	3	97.7	15	1254	1547	285406
15	3	95	15	1292	1999	466279
16	3	95.4	15	1143	1214	647239
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5496.6895			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	52.7	12	-	1531	101724
2	1	59.5	12	-	1444	325258
3	1	60.4	12	-	1362	548832
4	3	87.2	12	1271	1224	770312
5	3	92.2	12	1676	1799	73940
6	3	93.5	12	1664	1965	296494
7	3	96.5	12	1041	1629	519481
8	3	94.9	12	1237	1343	743029
9	1	66.3	12	-	1886	46644
10	3	98.6	12	1914	1875	269044
11	2	71.4	12	1370	1194	493117
12	1	59.9	12	-	1685	717054
13	1	63.1	12	-	1021	19142
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DFS Radar Parameters

FCC Radar Type 5

Channel 106 Bandwidth 80MHz

Trial Number:			15			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5494.2895			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	66.5	6	-	1423	394563
2	1	62.9	6	-	1127	758165
3	2	70	6	1458	1433	1120369
4	3	96.7	6	1590	1852	1481711
5	1	66.6	6	-	1761	349715
6	2	78.3	6	1754	1666	712296
7	1	61.3	6	-	1286	1076797
8	2	73.1	6	1349	1818	1438475
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Trial Number:			16			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5498.2895			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	83	16	1613	1989	142945
2	1	61	16	-	1640	314145
3	1	65.2	16	-	1324	485164
4	1	58.8	16	-	1891	655514
5	3	94.2	16	1512	1149	121892
6	2	83	16	1185	1671	292600
7	1	53.6	16	-	1457	464028
8	1	64	16	-	1173	635129
9	3	90.4	16	1846	1363	100892
10	2	67.4	16	1508	1285	271622
11	2	68.2	16	1538	1160	442203
12	3	87.4	16	1383	1215	611409
13	1	58.3	16	-	1719	80219
14	1	51	16	-	1787	250976
15	2	73.9	16	1403	1039	421350
16	3	89.5	16	1336	1100	590679
17	2	74.5	16	1556	1879	59038
18						
19						
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DFS Radar Parameters
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Trial Number:			17			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5499.8895			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.5	20	1069	1426	195132
2	3	99.2	20	1997	1930	338239
3	3	92.6	20	1569	1129	483177
4	3	84.8	20	1807	1082	32265
5	3	91.3	20	1800	1617	176423
6	1	60.1	20	-	1047	322976
7	2	69.7	20	1329	1077	467179
8	1	55.8	20	-	1351	14546
9	2	76.4	20	1488	1506	159299
10	2	83.3	20	1835	1030	304157
11	1	60.3	20	-	1043	450351
12	2	69	20	1377	1932	593364
13	1	56	20	-	1111	141910
14	3	95.7	20	1836	1507	285465
15	2	69.3	20	1790	1947	430512
16	3	83.6	20	1981	1751	573239
17	2	72.2	20	1927	1950	123445
18	2	69.7	20	1148	1667	268502
19	3	98.6	20	1334	1878	412308
20	3	95.3	20	1759	1128	556618

Trial Number:			18			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5499.0895			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.4	18	1136	1219	117720
2	3	98	18	1029	1319	278249
3	1	60.4	18	-	1992	440194
4	3	92.9	18	1327	1253	599875
5	2	80.8	18	1612	1005	97836
6	2	76	18	1062	1958	258732
7	2	81.1	18	1578	1792	419465
8	1	53.2	18	-	1738	581764
9	2	72.5	18	1305	1496	77976
10	1	54.7	18	-	1824	239336
11	1	65.5	18	-	1884	400545
12	3	89	18	1121	1412	559586
13	2	80.6	18	1756	1723	58084
14	2	72.2	18	1171	1991	219033
15	3	84.1	18	1257	1982	379200
16	2	79.2	18	1312	1939	540802
17	2	68.8	18	1369	1550	38304
18	3	88.4	18	1052	1882	198805
19						
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FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			19			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5494.2895			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.7	6	1350.000	1758.000	811540
2	1	50.9	6	-	1371.000	1176878
3	3	95.6	6	1232.000	1374.000	41644
4	1	52.9	6	-	1425.000	405163
5	2	67.8	6	1929.000	1500.000	767587
6	3	99.8	6	1516.000	1133.000	1129722
7	3	93.3	6	1415.000	1682.000	1492071
8	3	95.1	6	1520.000	1582.000	359636
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Trial Number:			20			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5499.4895			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.3	19	1122	1919	287439
2	2	71.7	19	1317	1049	433616
3	3	98.9	19	1827	1588	576524
4	1	53.8	19	-	1877	125975
5	3	86.2	19	1313	1183	270013
6	2	81.3	19	1205	1102	415803
7	2	75.4	19	1998	1600	559551
8	3	94.3	19	1765	1150	107599
9	3	96.1	19	1494	1217	252349
10	3	84.6	19	1156	1346	397013
11	3	88.7	19	1453	1663	540996
12	3	99.8	19	1315	1519	89940
13	1	53.9	19	-	1712	235367
14	1	65.3	19	-	1294	380736
15	2	79	19	1354	1753	524348
16	1	66.4	19	-	1384	72429
17	2	83.3	19	1660	1848	216840
18	2	71.6	19	1330	1589	361865
19	2	67.7	19	1760	1552	506343
20	2	71.3	19	1096	1942	54395

DFS Radar Parameters

FCC Radar Type 5

Channel 106 Bandwidth 80MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5566.1105			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.4	5	1353	1427	498908
2	3	83.9	5	1328	1455	861811
3	1	61.5	5	-	1035	1227224
4	3	90.2	5	1804	1956	91568
5	1	64.7	5	-	1607	455177
6	3	83.8	5	1983	1238	817037
7	2	78.1	5	1262	1016	1181463
8	3	97.6	5	1138	1085	46931
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5560.5105			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	99.7	19	1698	1452	171598
2	2	75.4	19	1115	2000	324560
3	2	80.2	19	1199	1105	477598
4	1	60.7	19	-	1195	944
5	3	99.6	19	2000	1439	153019
6	3	85.8	19	1207	1674	305064
7	3	91.7	19	1300	1604	457261
8	1	59.4	19	-	1460	612238
9	1	54.3	19	-	1530	134928
10	2	68.6	19	1158	1764	287099
11	2	68.6	19	1188	1392	439807
12	3	84.3	19	1501	1333	590301
13	1	63.6	19	-	1380	116133
14	3	86.4	19	1255	1509	267834
15	2	76.1	19	1390	1912	420533
16	3	99.6	19	1718	1562	571958
17	3	90.5	19	1278	1567	96791
18	2	69.1	19	1414	1277	249629
19	3	84.5	19	1865	1913	400716
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DFS Radar Parameters

FCC Radar Type 5

Channel 106 Bandwidth 80MHz

Trial Number:			23			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5561.3105			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76.3	17	1926	1726	584779
2	2	72	17	1944	1776	82558
3	2	79.1	17	1813	1191	243606
4	2	69.7	17	1951	1015	404588
5	3	96.2	17	1079	1367	564375
6	2	82	17	1598	1694	62793
7	2	72	17	1868	1181	223764
8	1	56.6	17	-	1230	385767
9	1	50.4	17	-	1151	547221
10	1	60.2	17	-	1778	43073
11	1	58.7	17	-	1669	204363
12	3	89.1	17	1683	1342	364330
13	1	52.3	17	-	1654	526941
14	1	53.1	17	-	1296	23227
15	2	77.8	17	1483	1895	184023
16	3	94.6	17	1163	1910	344285
17	2	70.7	17	1973	1011	506060
18	1	54.3	17	-	1381	3349
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Trial Number:			24			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5561.3105			Yes
Burst	Number of Pulses	Pulse 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	17	1948	1696	164141
2	1	50.2	17	-	1099	326193
3	2	68.2	17	1013	1283	486737
4	2	73.7	17	1269	1125	647772
5	2	69.5	17	1056	1858	144493
6	1	62.1	17	-	1464	306141
7	1	64.6	17	-	1662	467335
8	1	52.9	17	-	1267	628993
9	3	83.5	17	1408	1201	124445
10	1	57.6	17	-	1700	286167
11	1	52	17	-	1937	447283
12	1	57.7	17	-	1690	608727
13	1	61.9	17	-	1112	105119
14	3	99.7	17	1054	1857	265200
15	3	95.7	17	1934	1234	425492
16	3	99.4	17	1416	1110	587152
17	1	51.7	17	-	1570	85178
18	2	75.6	17	1031	1870	245991
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Report Number : 690215

DFS Radar Parameters

FCC Radar Type 5

Channel 106 Bandwidth 80MHz

Trial Number:			25			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5565.7105			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68.9	6	1347	1298	979606
2	1	66.3	6	-	1542	1303419
3	1	52.6	6	-	1058	294736
4	1	52.4	6	-	1463	617667
5	2	66.9	6	1727	1734	939276
6	1	55	6	-	1091	1264061
7	3	93.2	6	1164	1089	254374
8	3	98.6	6	1985	1180	576317
9	1	64.3	6	-	1388	900949
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Trial Number:			26			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5562.5105			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	54.5	14	-	1365	733905
2	3	92.7	14	1227	1545	128530
3	3	98.3	14	1684	1074	321295
4	1	59.1	14	-	1620	516187
5	3	93.5	14	1688	1284	707395
6	1	52.9	14	-	1356	105105
7	1	51.4	14	-	1040	298920
8	1	52.1	14	-	1815	492215
9	2	73.9	14	1772	1585	684475
10	1	65	14	-	1166	81266
11	2	70.4	14	1888	1916	274100
12	3	99.3	14	1212	1522	467164
13	2	72.7	14	1915	1828	660356
14	3	89	14	1630	1705	57154
15	2	82.5	14	1487	1978	250421
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DFS Radar Parameters

FCC Radar Type 5

Channel 106 Bandwidth 80MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5563.7105			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	70.3	11	1097	1311	512738
2	1	66.5	11	-	1544	736720
3	3	85.1	11	1541	1231	38570
4	3	86.7	11	1867	1092	261371
5	1	52.4	11	-	1697	485608
6	2	71.8	11	1854	1420	707858
7	1	60.3	11	-	1917	11153
8	1	52.3	11	-	1908	234565
9	2	66.7	11	1871	1652	457175
10	3	87.1	11	1174	1820	679269
11	2	76.7	11	1967	1497	903274
12	2	83.1	11	1901	1505	206709
13	3	99.2	11	1266	1733	429166
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5560.5105			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	73.1	19	1057	1281	446653
2	1	53.6	19	-	1801	599775
3	1	50.6	19	-	1355	122825
4	3	90.8	19	1107	1949	274129
5	2	80.2	19	1596	1575	427288
6	1	63.2	19	-	1533	581208
7	2	74.7	19	1198	1957	103700
8	3	98.6	19	1768	1472	255623
9	1	50.9	19	-	1435	409643
10	3	86.5	19	1176	1729	559567
11	3	86.1	19	1609	1065	84812
12	1	63.3	19	-	1132	238103
13	2	79.6	19	1338	1720	389812
14	3	83.7	19	1941	1465	540269
15	2	67.8	19	1206	1308	66220
16	3	90.4	19	1819	1025	218170
17	2	74.8	19	1976	1304	370904
18	1	63.3	19	-	1795	524523
19	3	96.3	19	1593	1584	47268
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DFS Radar Parameters

FCC Radar Type 5

Channel 106 Bandwidth 80MHz

Trial Number:			29			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5564.1105			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.3	10	1068	1847	316997
2	2	70.2	10	1594	1966	558460
3	2	82.1	10	1410	1467	800677
4	1	50.4	10	-	1345	45457
5	2	69.9	10	1583	1440	287179
6	1	56.5	10	-	1461	529806
7	3	96.1	10	1382	1142	769944
8	3	92.6	10	1964	1971	15557
9	3	94.2	10	1165	1067	257155
10	3	90.3	10	1708	1202	498403
11	2	81.6	10	1689	1169	741114
12	2	72.1	10	1557	1794	982466
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Trial Number:			30			Detection
Number of Bursts in Trial:			0			(Yes/No)
Chirp Center Frequency:			0			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
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