中认信通
CHINA CERTIFICATION ICT CO., LTD (DONGGUAN)

ACCREDITED
TESTING LABORATORY
CERTIFICATE # 6356.01

DFS TEST REPORT

Applicant: **Grandstream Networks, Inc.**

Address: 126 Brookline Ave., 3rd Floor Boston, MA 02215, USA

FCC ID: **YZZGWN7665**
IC: **11964A-GWN7665**
HVIN: **GWN7665**

Product Name: **802.11ax Tri-Band Wi-Fi 6E Access Point**

Standard(s): **47 CFR Part 15, Subpart E(15.407)**
RSS-247 Issue 3, August 2023
FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02

The above device has been tested and found compliant with the requirement of the relative standards by China Certification ICT Co., Ltd (Dongguan)

Report Number: **CR230955399-00F**

Date Of Issue: **2023/12/01**

Reviewed By: **Calvin Chen**

Title: RF Engineer

Approved By: **Sun Zhong**

Title: Manager

Test Laboratory: **China Certification ICT Co., Ltd (Dongguan)**
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Tel: +86-769-82016888

Test Facility

The Test site used by China Certification ICT Co., Ltd (Dongguan) to collect test data is located on the No. 113, Pingkang Road, Dalang Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 442868, the FCC Designation No. : CN1314.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0123.

Declarations

China Certification ICT Co., Ltd (Dongguan) is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol "▲". Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	CR230955399-00F	Original Report	2023/12/01

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	802.11ax Tri-Band Wi-Fi 6E Access Point
EUT Model:	GWN7665
Operation Frequency:	Band 2: 5260-5320 MHz (802.11a/n ht20/ac vht20/ax he20) 5270-5310 MHz(802.11n ht40/ac vht40/ax he40) 5290 MHz(802.11ac vht80/ax he80) 5250MHz(802.11ac vht160/ax he160) Band 3: 5500-5720 MHz (802.11a/n ht20/ac vht20/ax he20) 5510-5710 MHz(802.11n ht40/ac vht40/ax he40) 5530-5690 MHz(802.11ac vht80/ax he80) 5570MHz(802.11ac vht160/ax he160)
Maximum Average Conducted Output Power (FCC):	21.71dBm (5250-5350 MHz) 21.72dBm (5470-5725 MHz)
Maximum Average Conducted Output Power (IC):	17.69dBm (5250-5350 MHz) 21.72dBm (5470-5725 MHz)
Modulation Type:	802.11a/n/ac:OFDM-BPSK, QPSK, 16QAM, 64QAM,256QAM 802.11ax: OFDMA- BPSK, QPSK, 16QAM, 64QAM,256QAM,1024QAM
Rated Input Voltage:	POE 48V
Serial Number:	2BI1-2
EUT Received Date:	2023/9/20
EUT Received Status:	Good

Note: the 5600-5650MHz was shielded by software which can't be used in ISED, also include the channel 5570MHz (160MHz mode).

1.1.1 Antenna Information Detail▲:

Antenna Chain	Antenna Type	input impedance (Ohm)	Frequency Range (MHz)	Antenna Gain (dBi)
Chain 0	FPC	50	5150-5850	5.26
Chain 1	FPC	50	5150-5850	5.26

1.1.2 Accessory Information:

Accessory Description	Manufacturer	Model	Parameters
/	/	/	/

1.2 Description of Test Configuration

1.2.1 EUT Operation Condition:

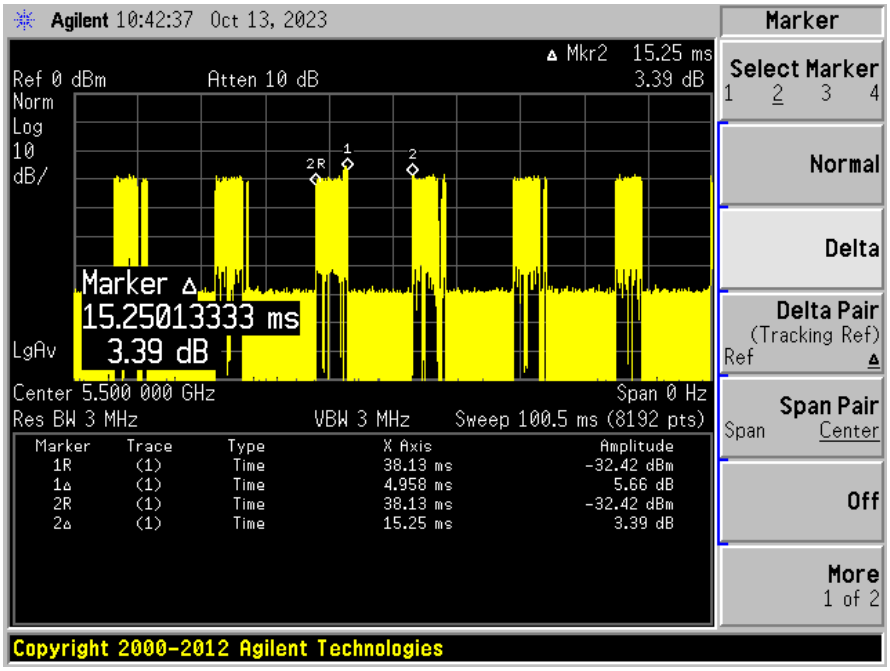
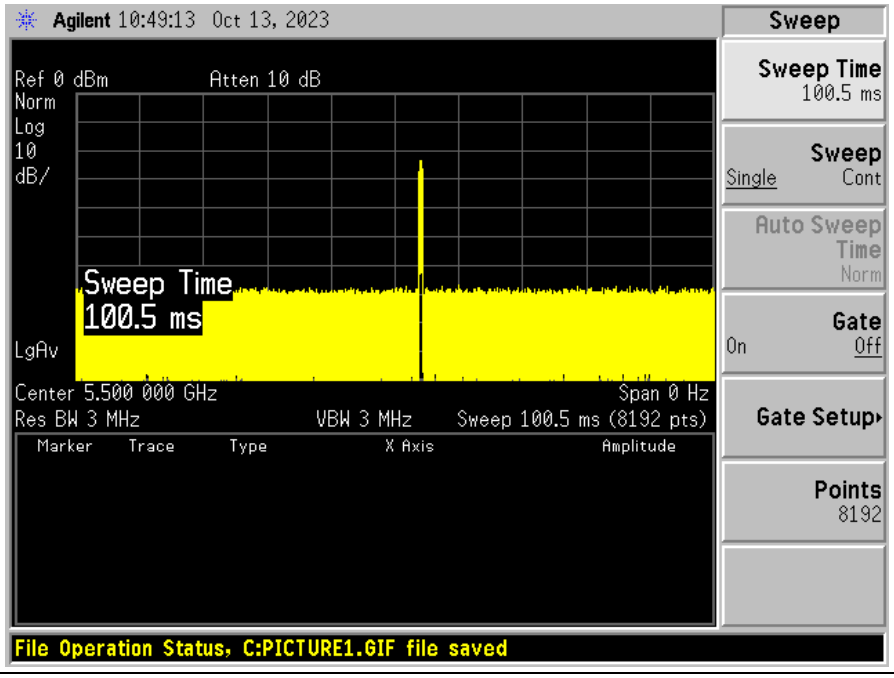
EUT Operation Mode:	The system was configured for testing in Engineering Mode, which was provided by the manufacturer.
Equipment Modifications:	No
EUT Exercise Software:	Tfgen

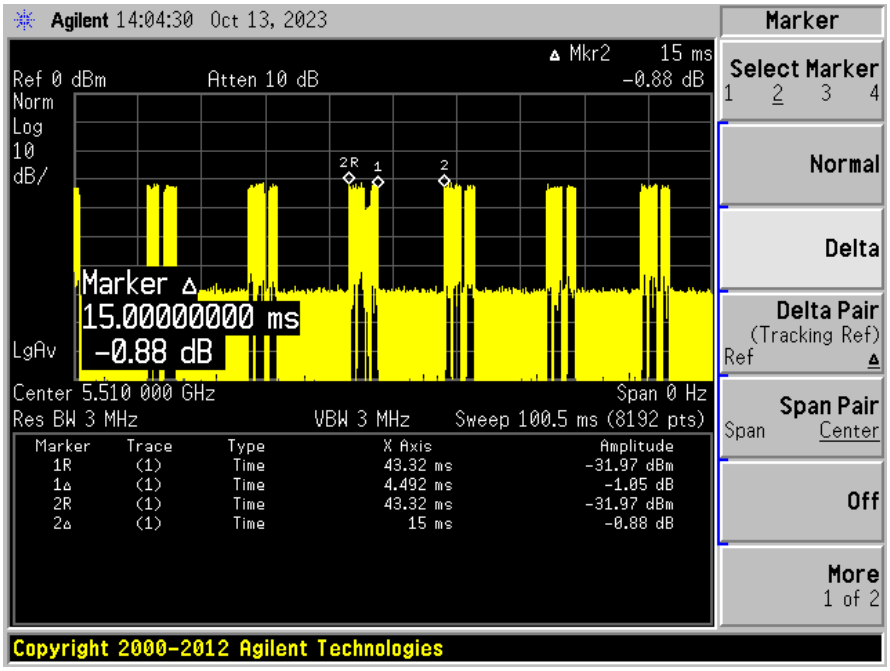
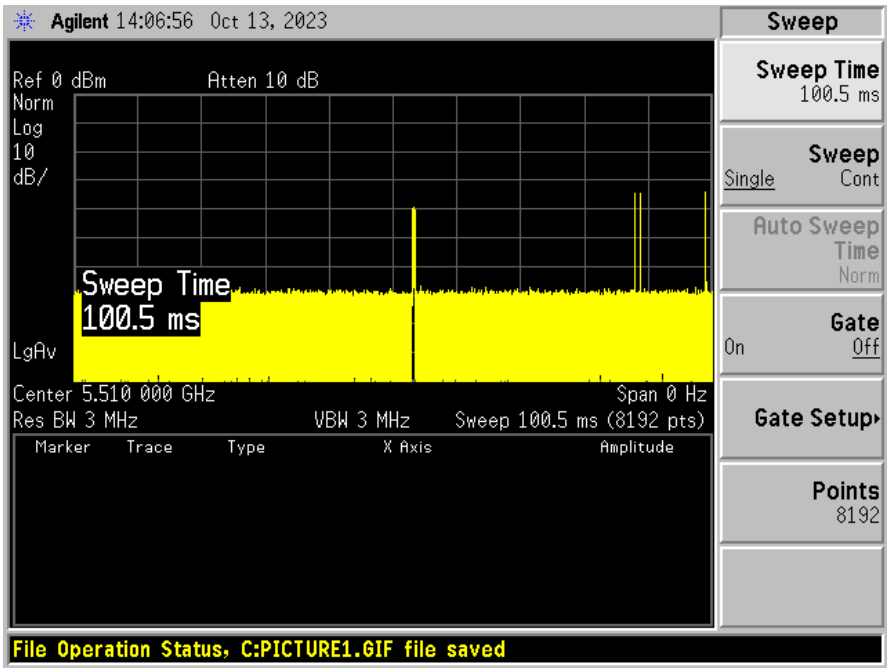
The software was provided by manufacturer▲. The below mode and data rate was used when testing:

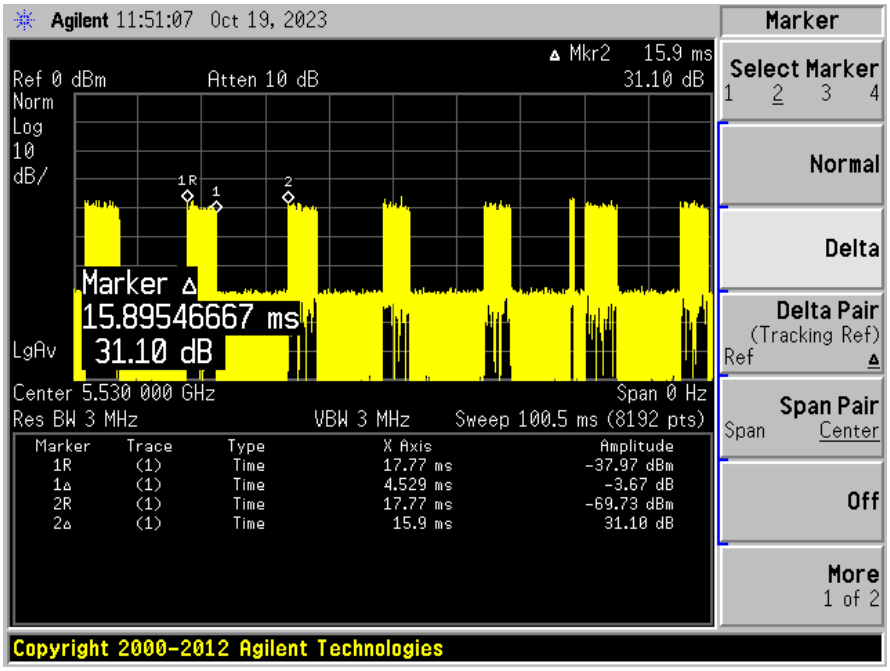
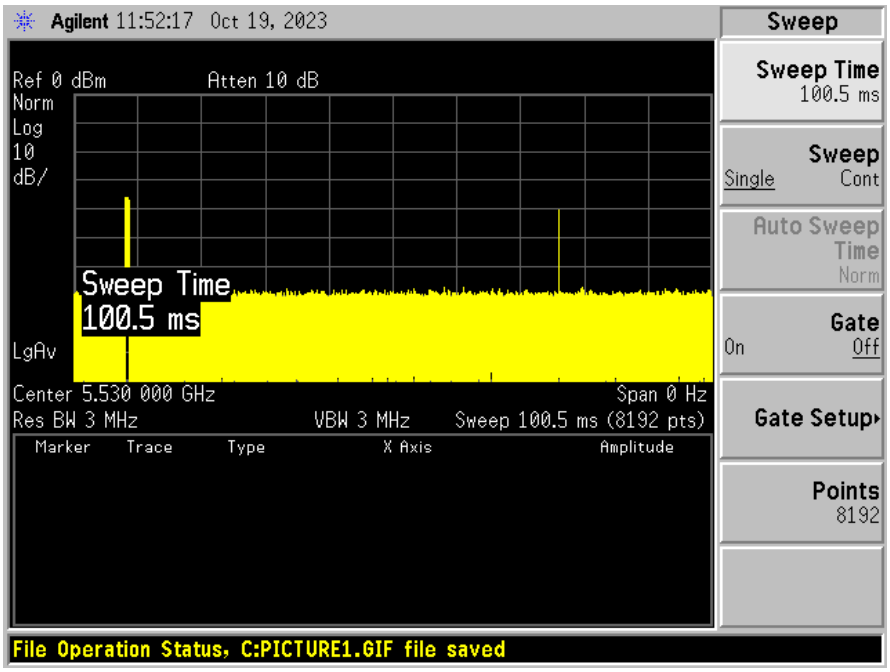
Bandwidth	Modes	Data Rate
20MHz	802.11ax he20	MCS0
40MHz	802.11ax he40	MCS0
80MHz	802.11ax he80	MCS0
160MHz	802.11ax he160	MCS0

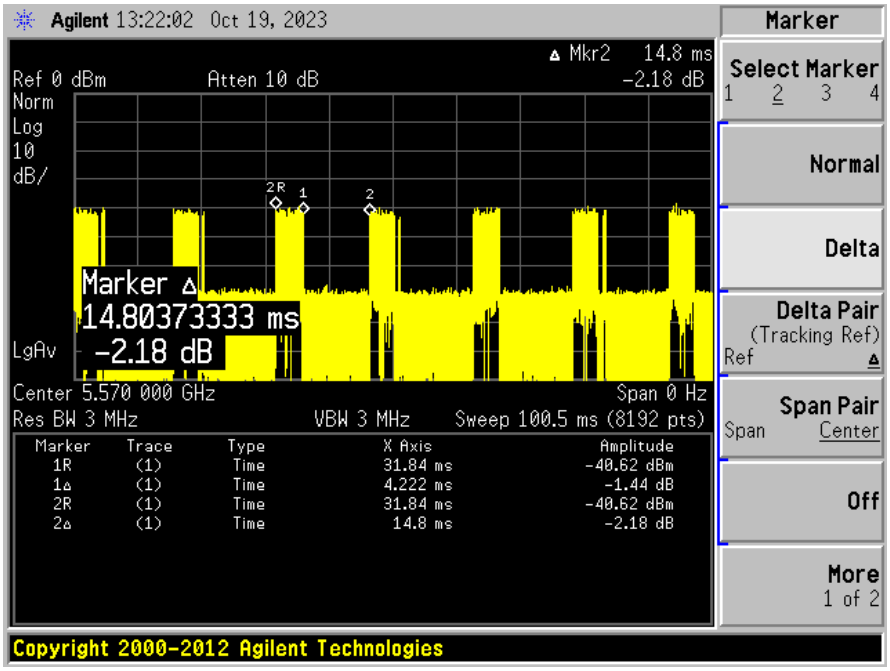
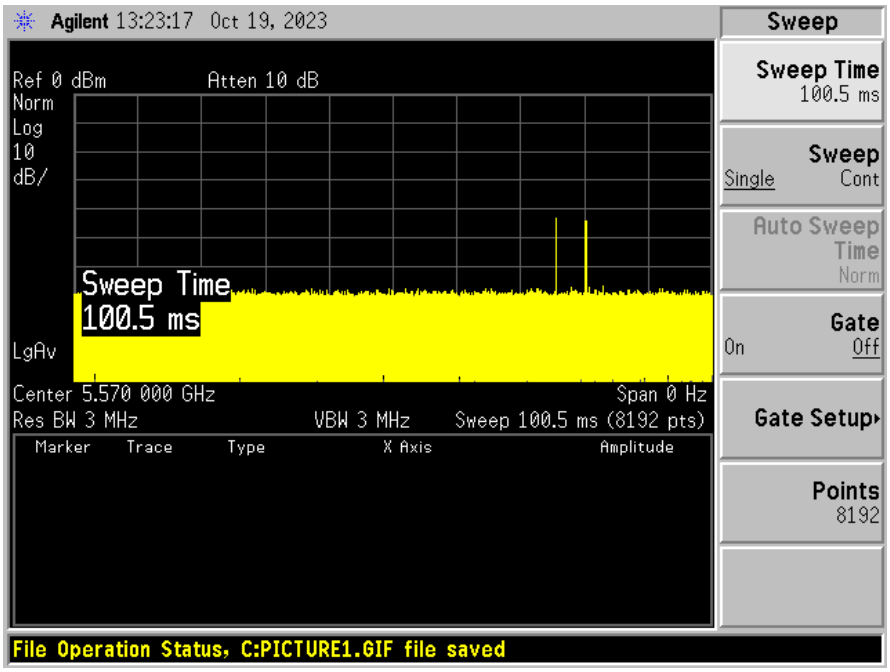
WLAN traffic is generated by software “Tfgen”, software is used by IP and Frame based systems for loading the test channel during the In-service compliance testing of the U-NII device. Data pakge streamed from the Access Point to the Client using the software “Tfgen”. The following duty cycle was used when test.

Duty Cycle:

20MHz mode Traffic Duty cycle: 4.958*6/100.5=29.6%	
20MHz mode Without Traffic	

40MHz mode Traffic Duty cycle: 4.492*7/100.5=31.3%	
40MHz mode Without Traffic	

80MHz mode Traffic Duty cycle: 4.529*7/100.5=31.5%	
80MHz mode Without Traffic	

160MHz mode Traffic Duty cycle: 4.222*7/100.5=29.4%	
160MHz mode Without Traffic	

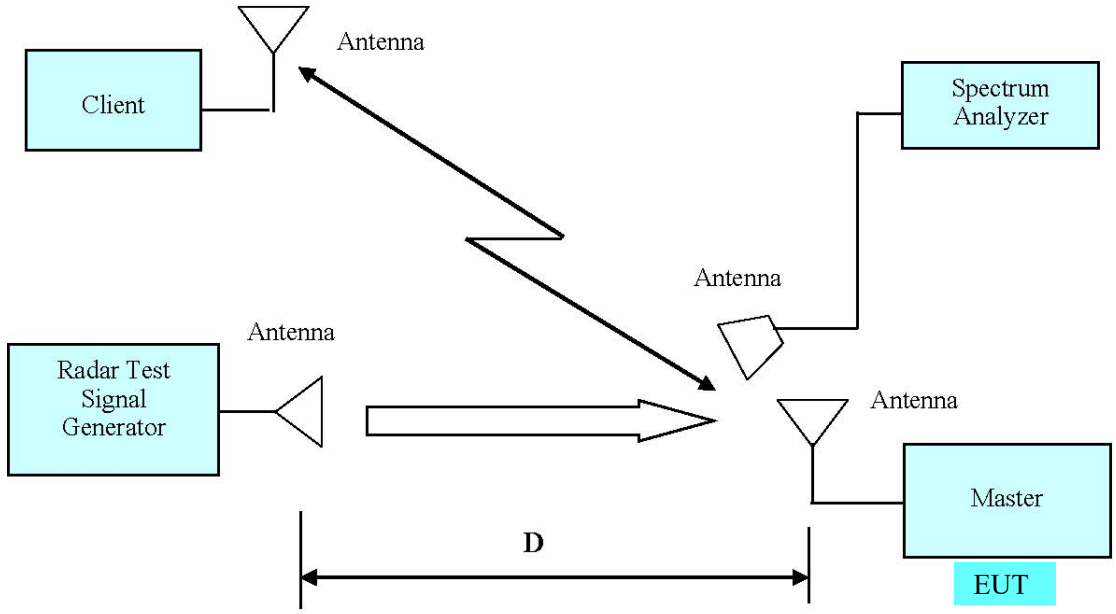
1.2.2 Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Lenovo	Laptop	T430	AA887-03
Asustek	Laptop	FX504G	J6NRCX014047232

1.2.3 Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
Power Cable	No	No	1.2	POE	AC Mains
RJ 45 Cable	No	No	3	POE	EUT
RJ 45 Cable	No	No	10	EUT	Laptop

1.2.4 Block Diagram of Test Setup



2. SUMMARY OF TEST RESULTS

The following result table represents the list of measurements required under the CFR §47 Part 15.407(h) and RSS-247 Issue 3, August 2023, KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v02

Items	Description of Test	Result
Detection Bandwidth	UNII Detection Bandwidth	Compliant
Performance Requirements Check	Initial Channel Availability Check Time (CAC)	Compliant
	Radar Burst at the Beginning of the CAC	Compliant
	Radar Burst at the End of the CAC	Compliant
In-Service Monitoring	Channel Move Time	Compliant
	Channel Closing Transmission Time	Compliant
	Non-Occupancy Period	Compliant
Radar Detection	Statistical Performance Check	Compliant

3. REQUIREMENTS AND TEST PROCEDURES

3.1 DFS Requirement

CFR §47 Part 15.407(h) and RSS-247 Issue 3, August 2023

FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02

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 Device or Client with Radar Detection	Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

Additional requirements for devices with multiple bandwidth modes	Master Device 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.		

Table 3: DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection

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. **Note3:** EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

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 U-NII 99% transmission 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 a *Channel* move (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 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

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
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	60%	30
		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			
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.					

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.

For example if in Short Pulse Radar Type 1 Test B a PRI of 3066 usec is selected, the number of pulses would be $\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot10^6}{3066}\right)\right\}=\text{Roundup}\{17.2\}=18.$

Table 5a - Pulse Repetition Intervals Values for Test A

Pulse Repetition Frequency Number	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	738
13	1319.3	758
14	1285.3	778
15	1253.1	798
16	1222.5	818
17	1193.3	838
18	1165.6	858
19	1139	878
20	1113.6	898
21	1089.3	918
22	1066.1	938
23	326.2	3066

The aggregate is the average of the percentage of successful detections of Short Pulse Radar Types 1-4. For example, the following table indicates how to compute the aggregate of percentage of successful detections.

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%			

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

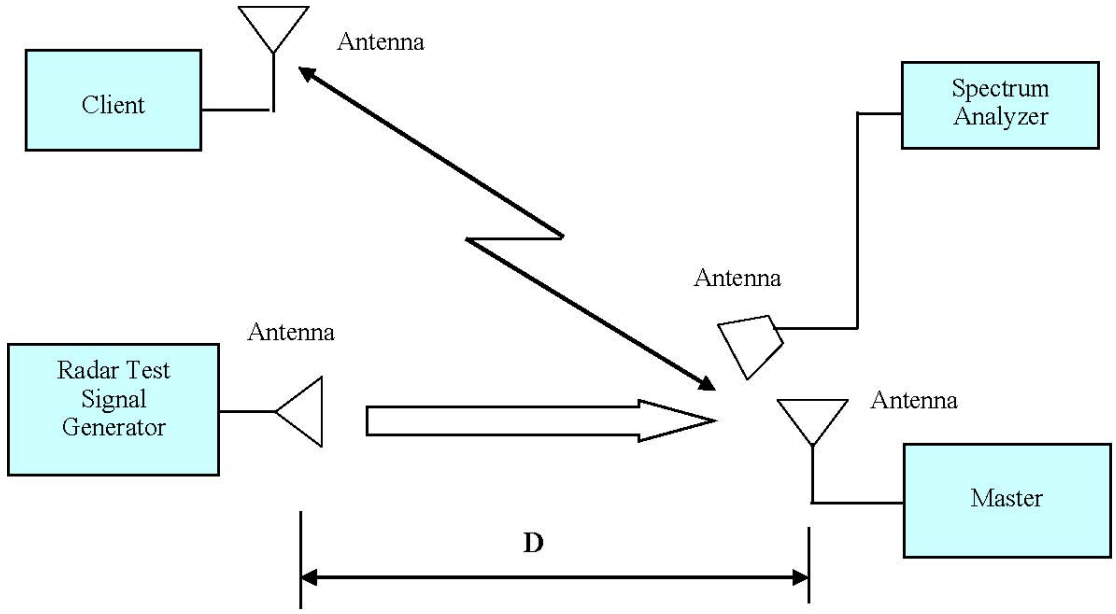
Table 7 – Frequency Hopping Radar Test Waveform

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

3.2 DFS Measurement System

BACL DFS measurement system consists of two subsystems: (1) The radar signal generating subsystem and (2) the traffic monitoring subsystem.

3.3 System Block Diagram



3.4 Test Procedure

A spectrum analyzer is used as a monitor verifies that the EUT status including Channel Closing Transmission Time and Channel Move Time, and does not transmit on a Channel during the Non-Occupancy Period after the diction and Channel move. It is also used to monitor EUT transmissions during the Channel Availability Check Time.

4. Test DATA AND RESULTS

Serial Number:	2BI1-2	Test Date:	2023/10/9~2023/11/30
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jou Zhou	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	24.1~25.1	Relative Humidity: (%)	46~50	ATM Pressure: (kPa)	100.7~101.4

Test Equipment List and Details:

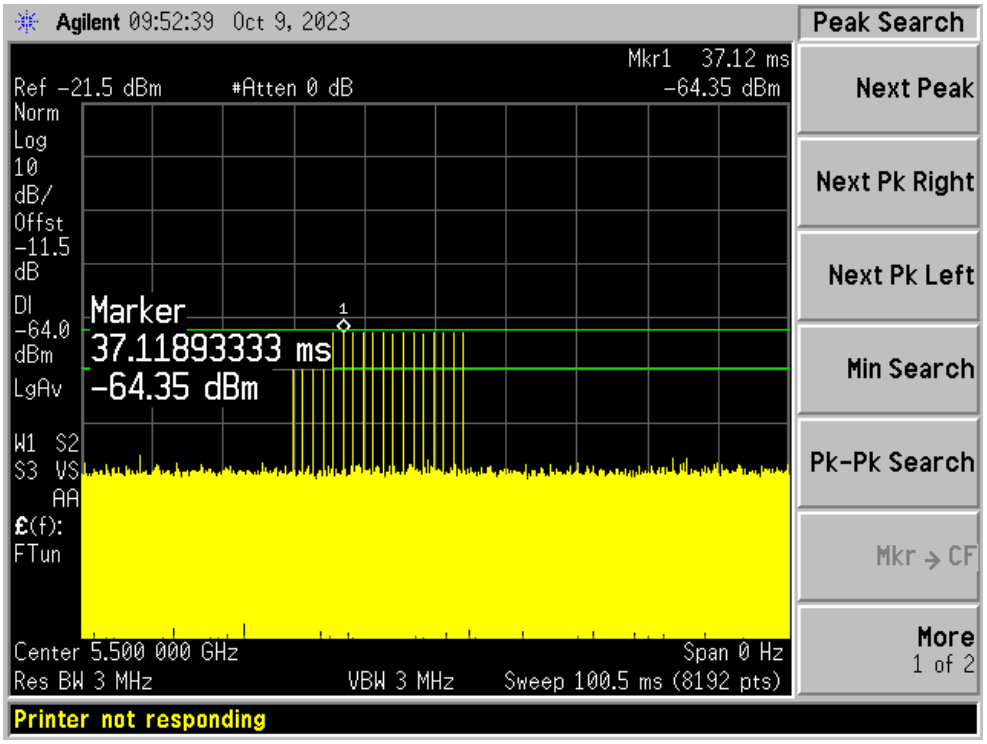
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
National Instruments	NI PXI-1042 8-Slot chassis	PXI-1042	VOBX40FBD	N/A	N/A
National Instruments	Arbitrary Waveform Generator	PXI-5421	N/A	N/A	N/A
National Instruments	RF Upconverter	PXI-5610	N/A	N/A	N/A
ASCOR	Upconverter	AS-7202	N/A	N/A	N/A
Agilent	Spectrum Analyzer	E4440A	SG43360054	2023/3/31	2024/3/30
Ditorn	Splitter/Combiner	D3C4080	SN2244	N/A	N/A
TDK RF	horn antenna	HRN-0118	130 084	2021/10/12	2024/10/11
AH	Double Ridge Guide Horn Antenna	SAS-571	1394	2023/2/22	2026/2/21

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

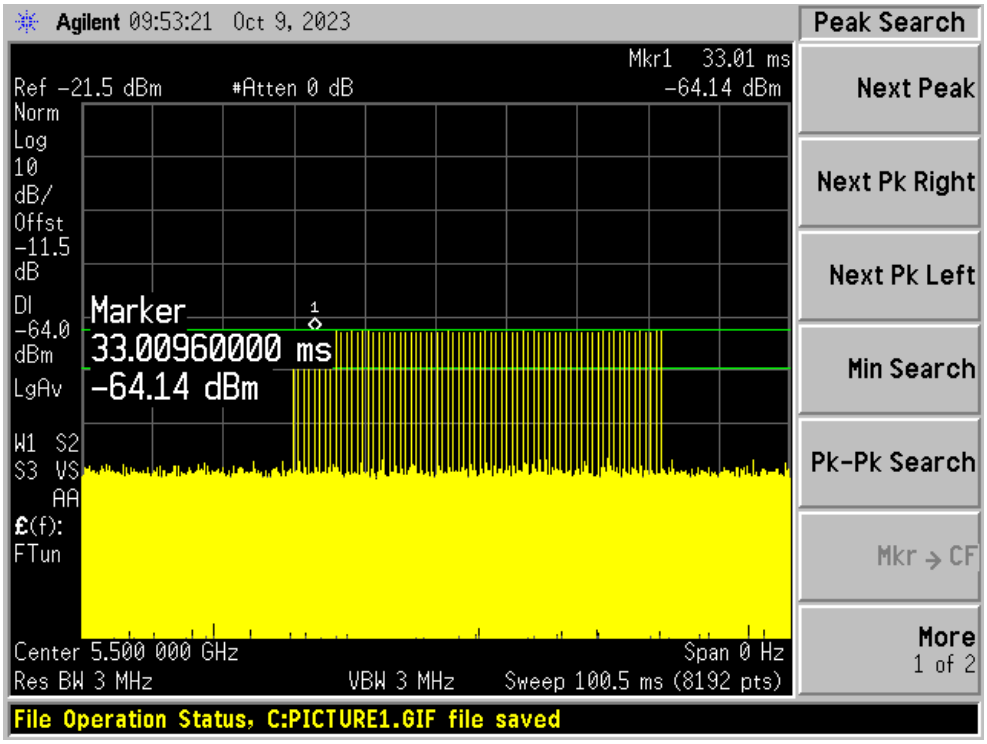
4.1 Radar Waveform Calibration

5500MHz:

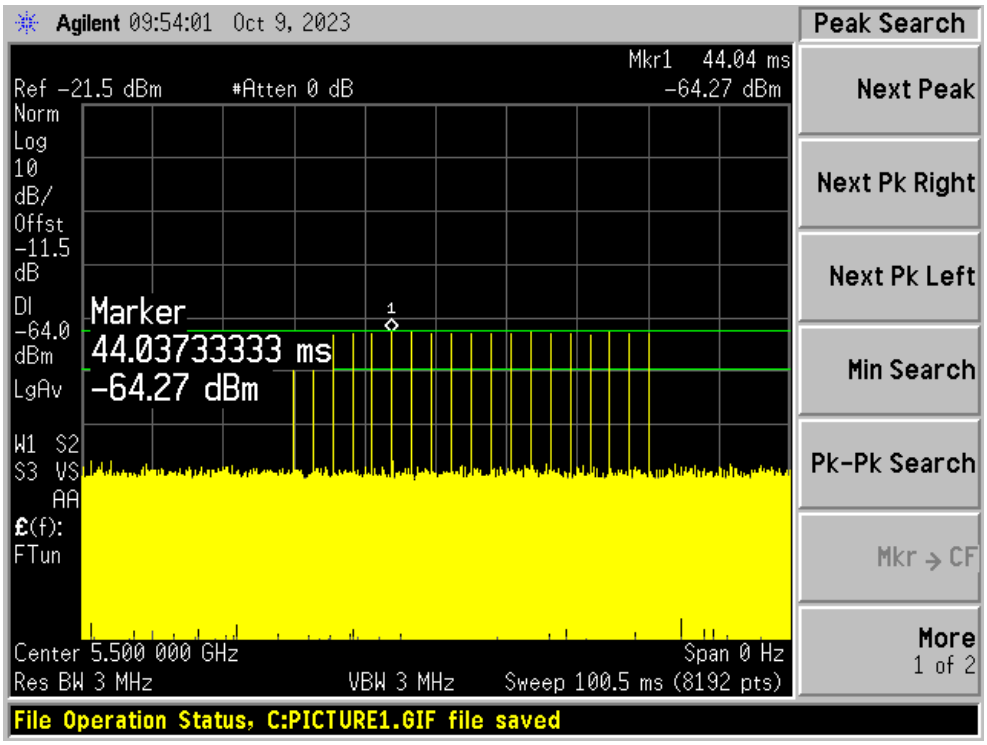
Radar Type 0



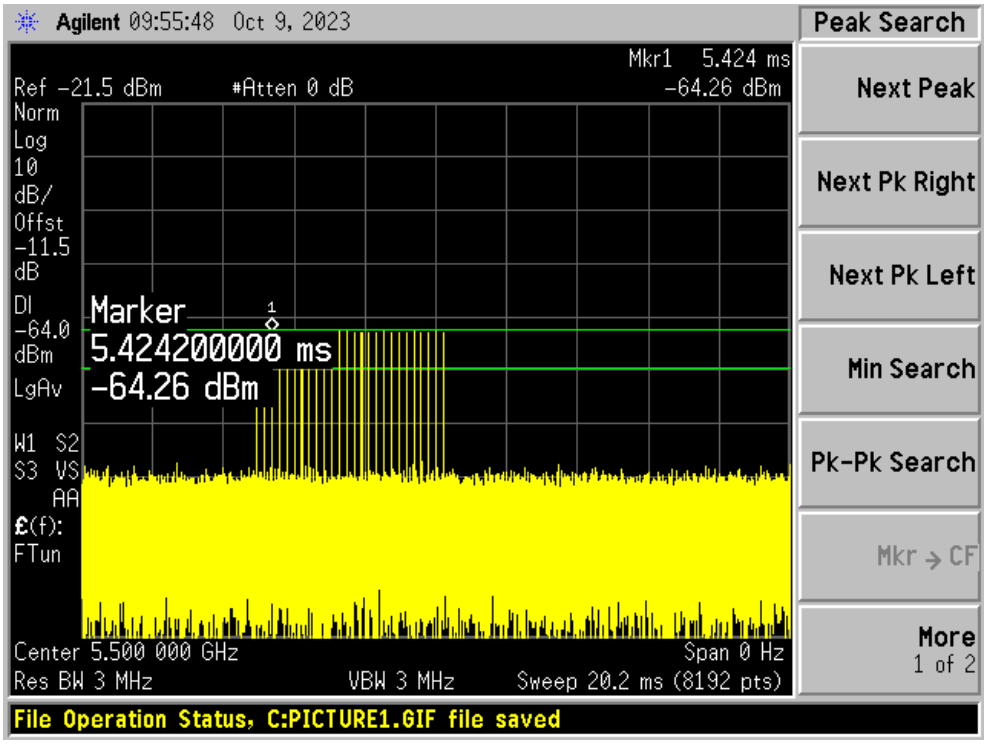
Radar Type 1A



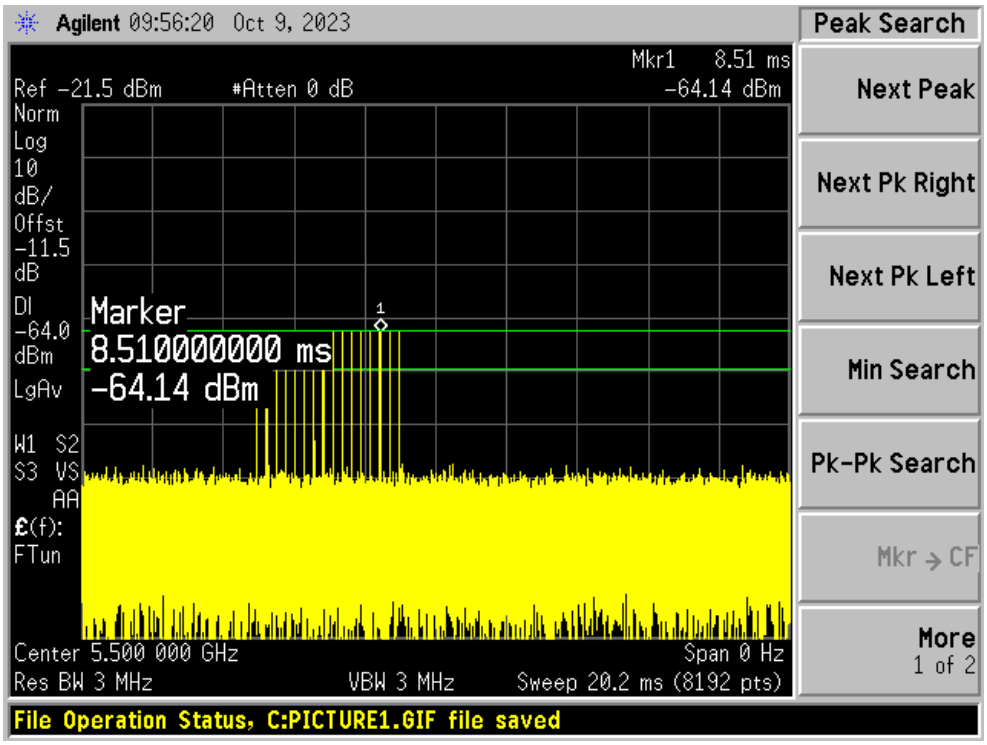
Radar Type 1B



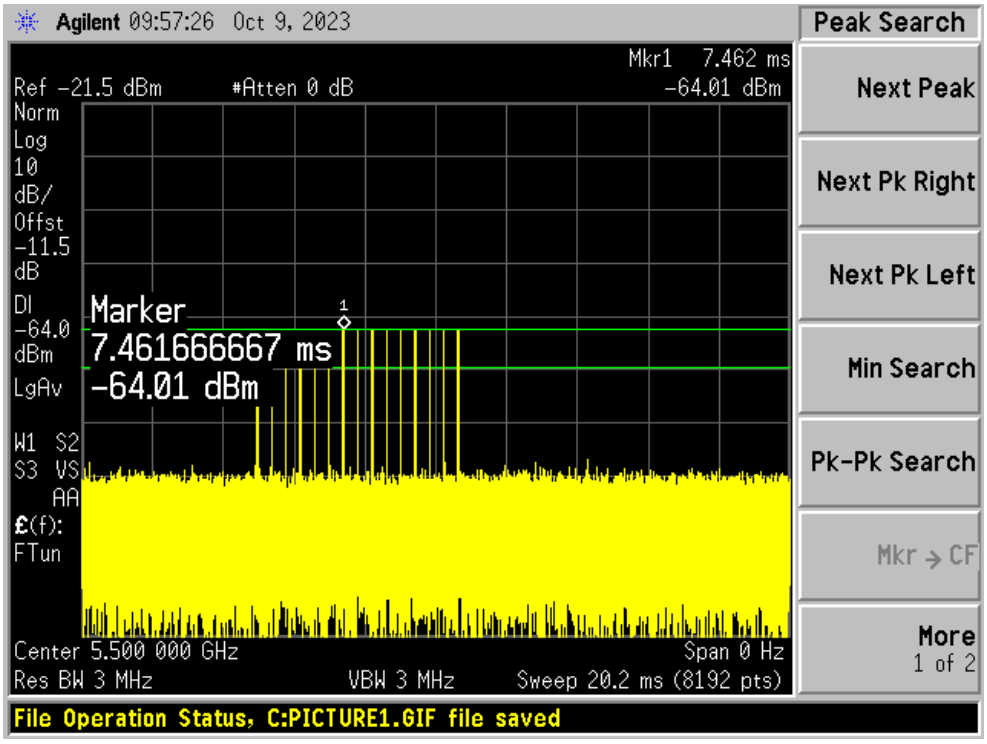
Radar Type 2



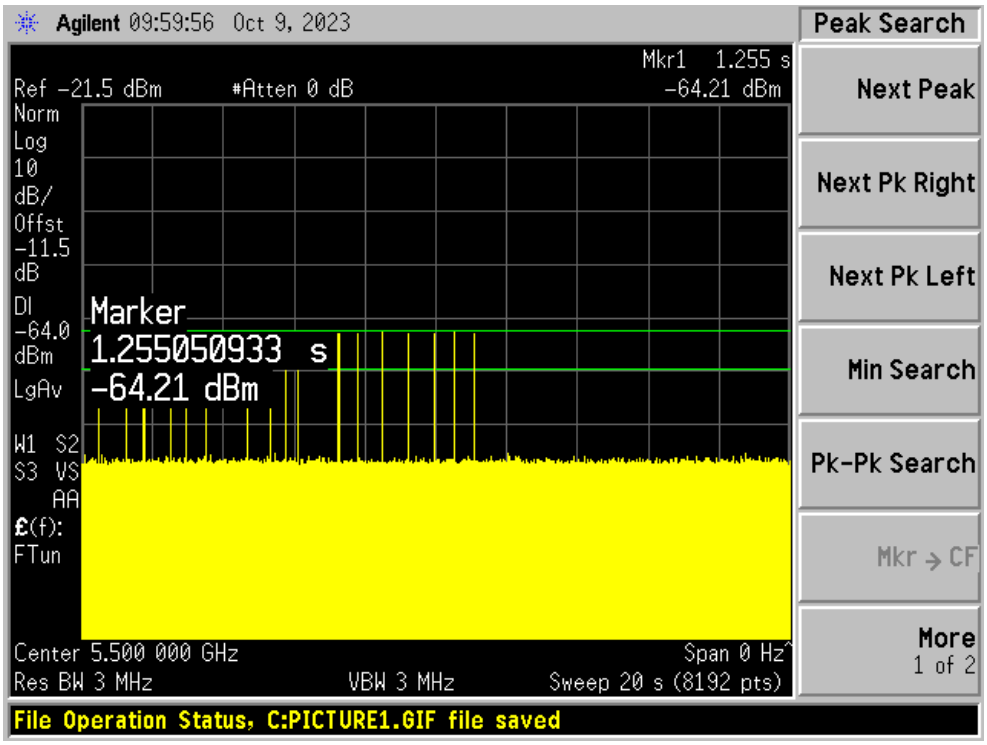
Radar Type 3



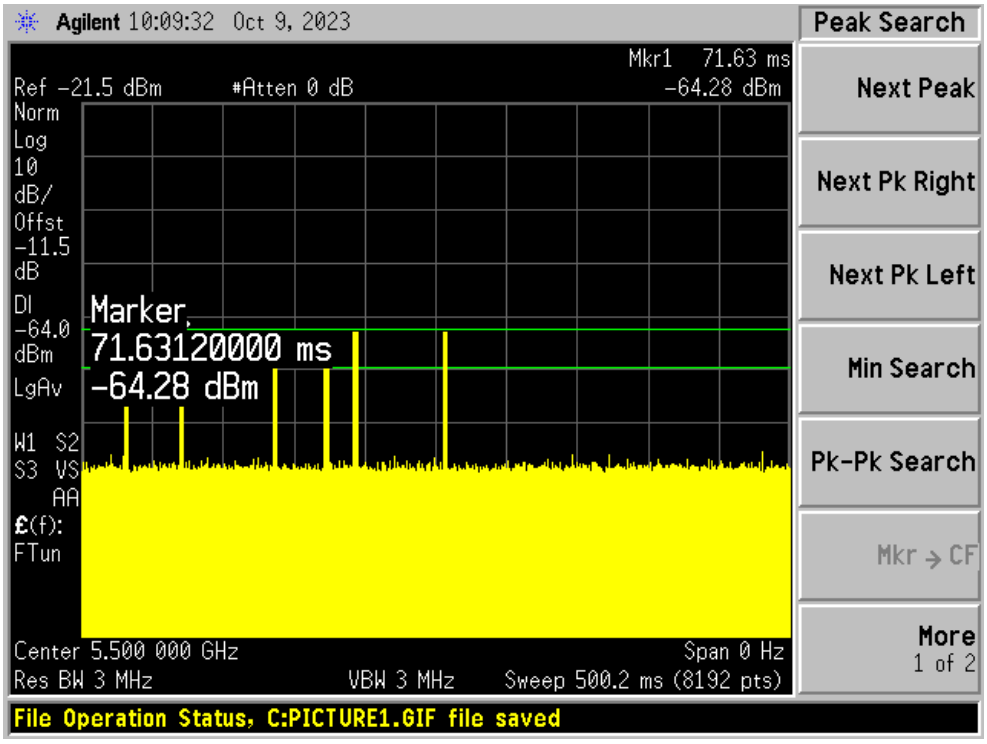
Radar Type 4



Radar Type 5



Radar Type 6



4.2 Channel Availability Check Time (CAC)

4.2.1 Test Procedure

1) Channel Availability Check Time (CAC)

2) With link established on channel, apply a radar signal within 0~6 seconds after the initial power-up period; monitor the transmissions on channel from the spectrum analyzer.

3) Reboot EUT, with a link established on channel, apply a radar signal within 54~60 seconds after the initial power-up period, and monitor the transmission on channel from the spectrum analyzer.

4.2.2 EUT Initial power-up Cycle Time

Test Frequency (MHz)	EUT initial Power-up cycle (Second)
5290	104.2
5570	104.6

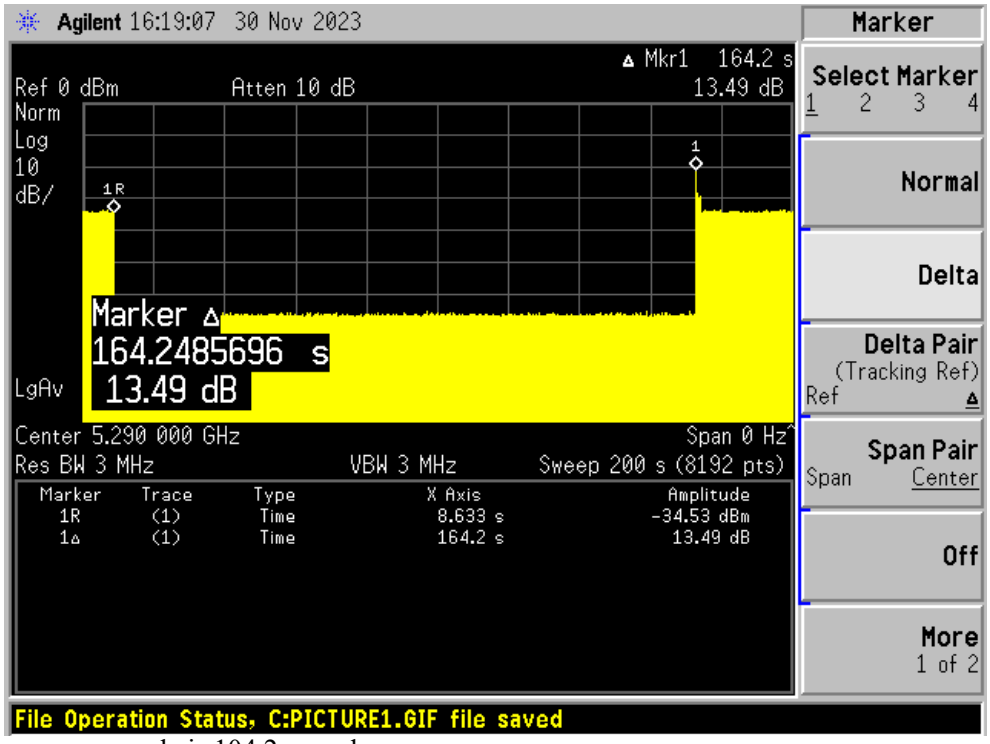
4.2.3 Results:

Timing of Radar Burst	Spectrum Analyzer Display
No Radar Triggered	Transmission begin after power-up cycle +60 seconds CAC
Within 6 seconds of the CAC starting	No transmission
Within the last 6 seconds of the CAC	No transmission

Please refer to the following plots.

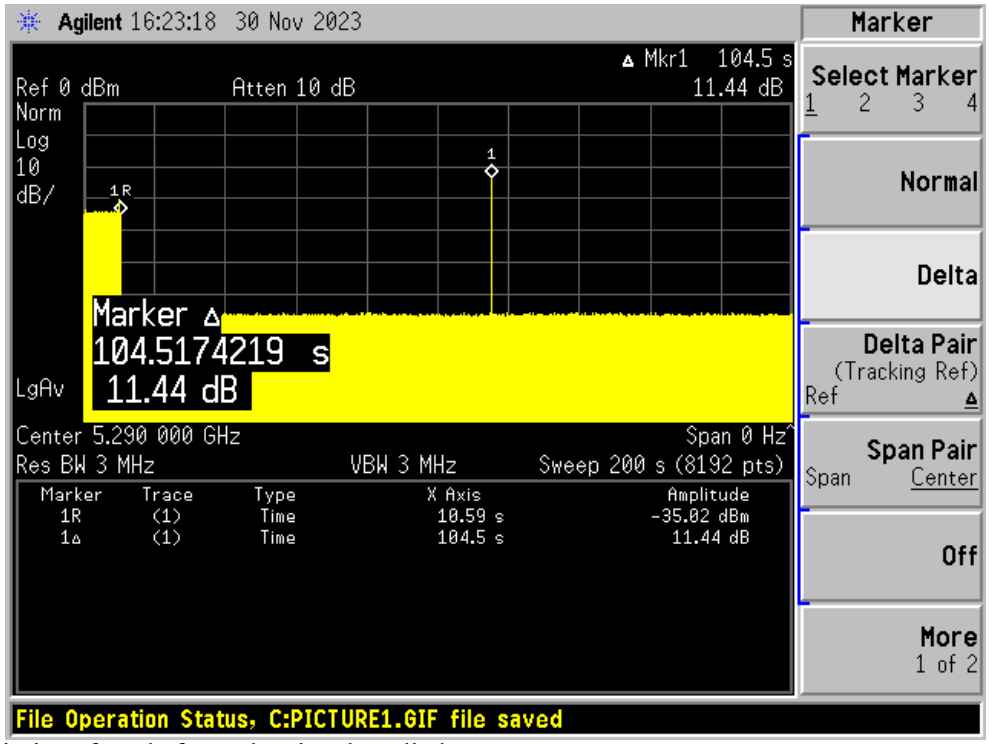
5290MHz

Plot of without Radar signal applied



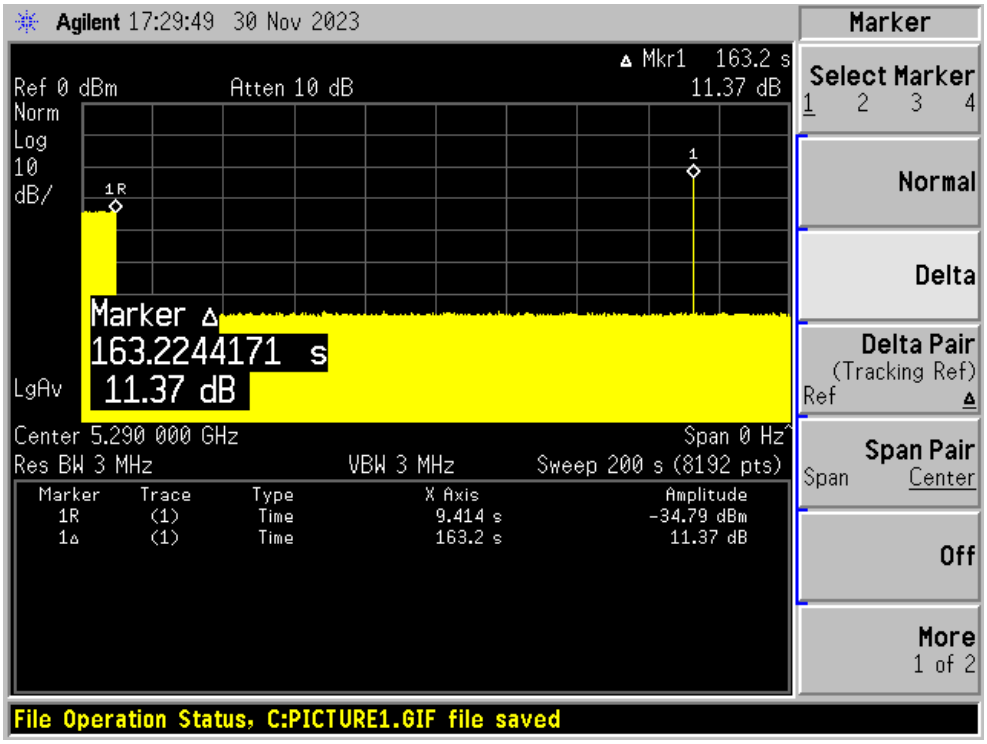
Note: The power-up cycle is 104.2seconds.

Plot of Radar signal applied within 6 seconds of start of CAC



No transmissions found after radar signal applied.

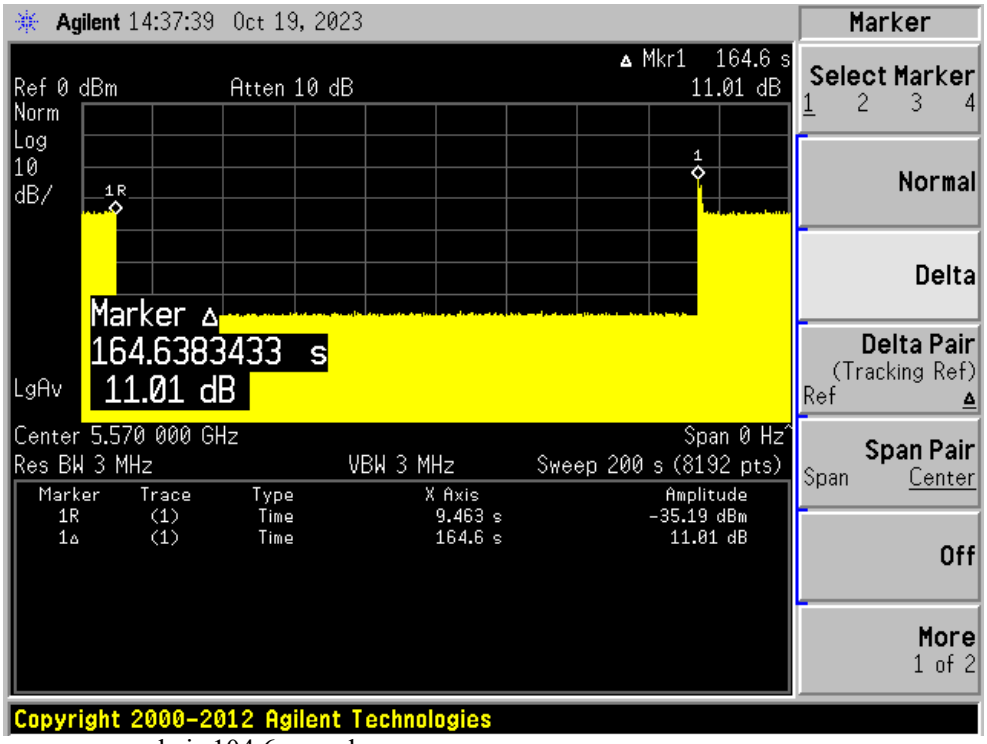
Plot of Radar signal applied at the end of 6 seconds of CAC



No transmissions found after radar signal applied.

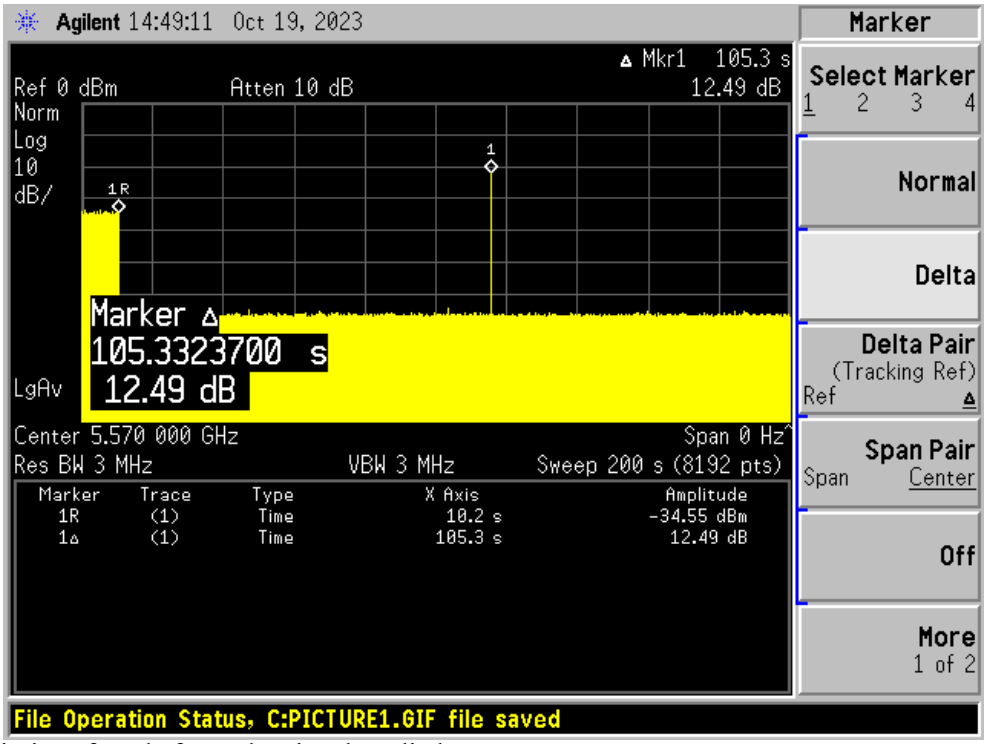
5570MHz

Plot of without Radar signal applied



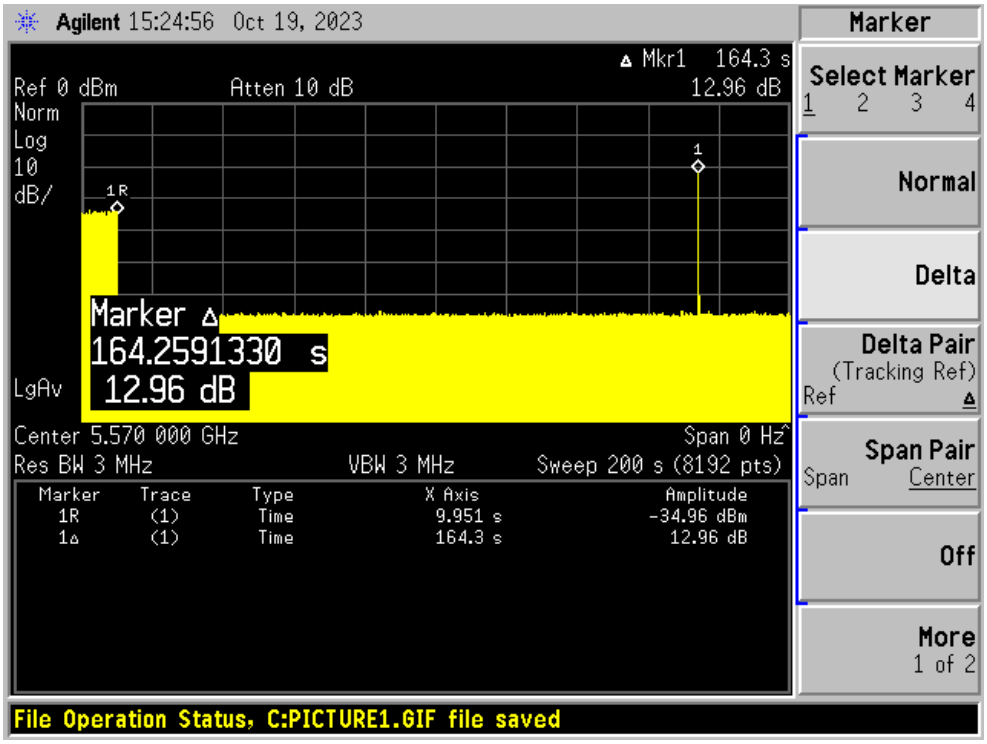
Note: The power-up cycle is 104.6seconds.

Plot of Radar signal applied within 6 seconds of start of CAC



No transmissions found after radar signal applied.

Plot of Radar signal applied at the end of 6 seconds of CAC



No transmissions found after radar signal applied.

4.3 Channel Move Time and Channel Closing Transmission Time

4.3.1 Test Procedure

Perform type 0 short pulse radar waveform.
The aggregate channel closing transmission time is calculated as follows:

Aggregate Transmission Time = N*Dwell Time

N is the number of spectrum analyzer bins showing a device transmission Dwell Time is the dwell time per bin (i.e. Dwell Time = S/B, S is the sweep time and B is the number of bin, i.e. 8192)

4.3.2 Test Results

Test Frequency (MHz)	Bandwidth (MHz)	Radar Type	Results
5290	160	Type 0	Compliant
5570	160	Type 0	Compliant

Please refer to the following tables and plots.

4.3.3 Results:

5290MHz

Type 0 radar channel move time result:

Channel Move Time (s)	Channel Move Time Limit (s)	Result
0.454	10	Pass

Type0 radar channel closing transmission time result:

Transmission After 200ms	Aggregate Transmission Time After 200ms Delay (ms)	Limit for Aggregate Transmission Time After 200ms Delay (ms)	Result
Yes	9.766	60	Pass

5570MHz

Type 0 radar channel move time result:

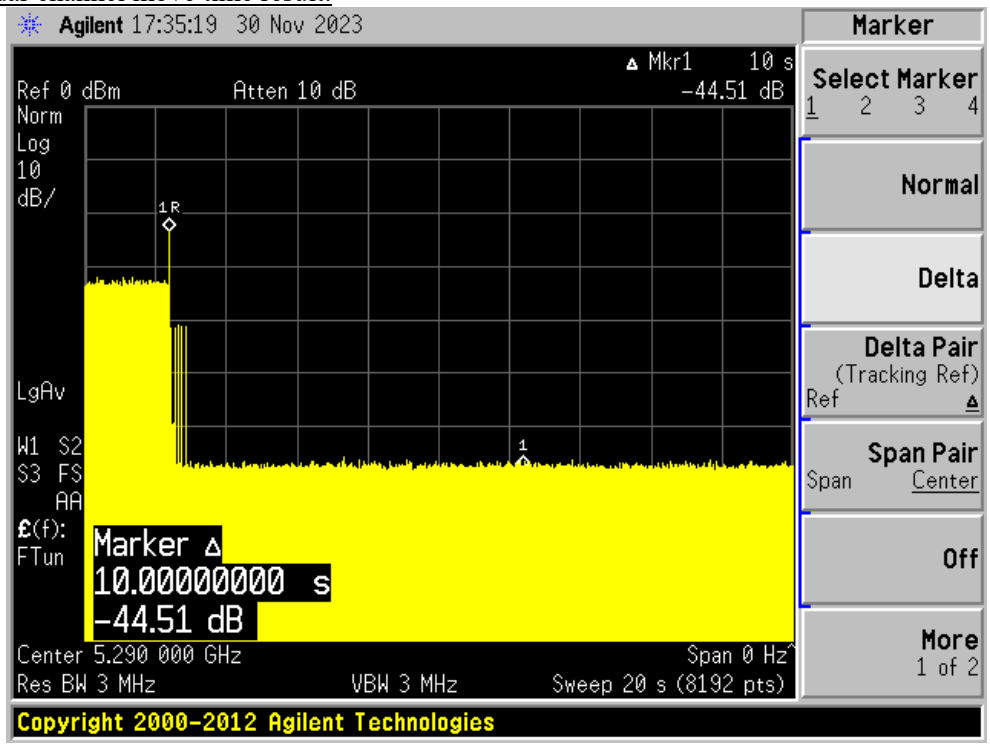
Channel Move Time (s)	Channel Move Time Limit (s)	Result
0.503	10	Pass

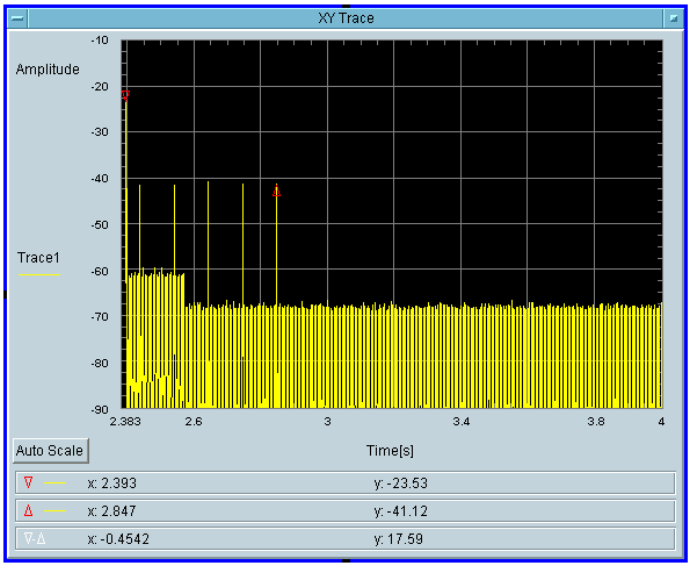
Type0 radar channel closing transmission time result:

Transmission After 200ms	Aggregate Transmission Time After 200ms Delay (ms)	Limit for Aggregate Transmission Time After 200ms Delay (ms)	Result
Yes	7.324	60	Pass

5290MHz

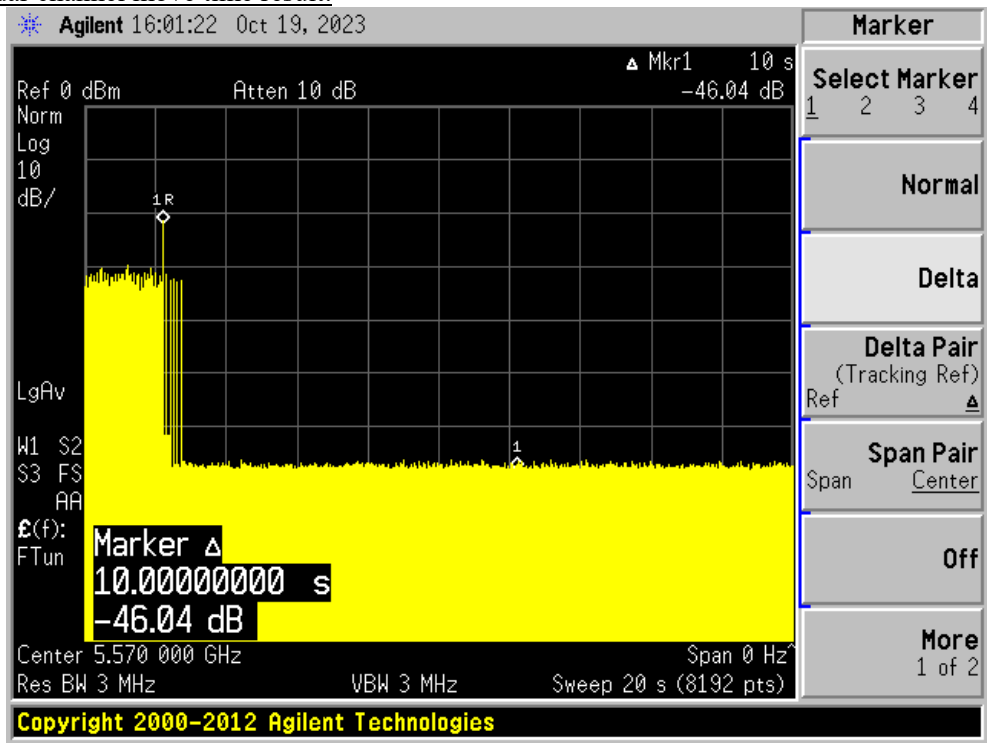
Type 0 radar channel move time result:

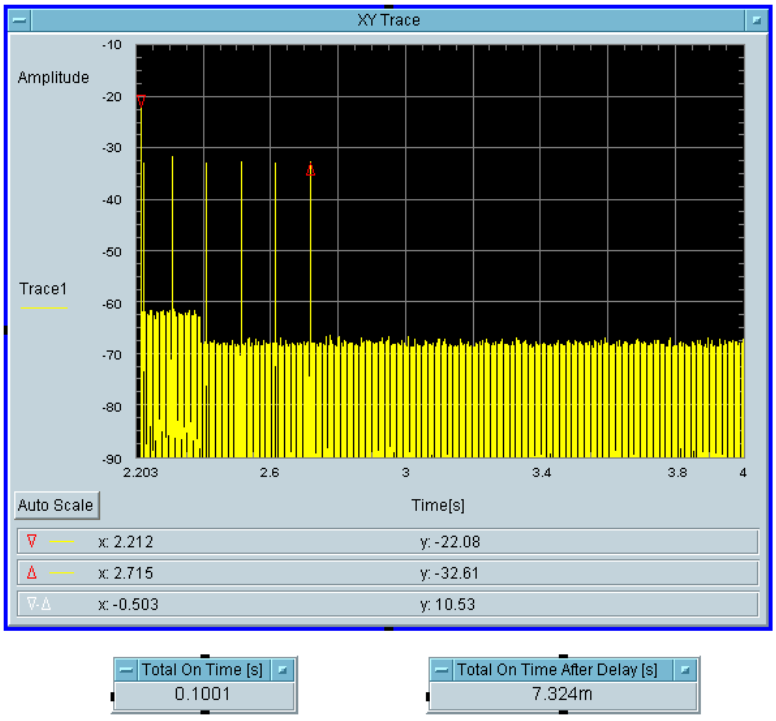




5570MHz

Type 0 radar channel move time result:





4.4 Non-occupancy Period

4.4.1 Test Procedure

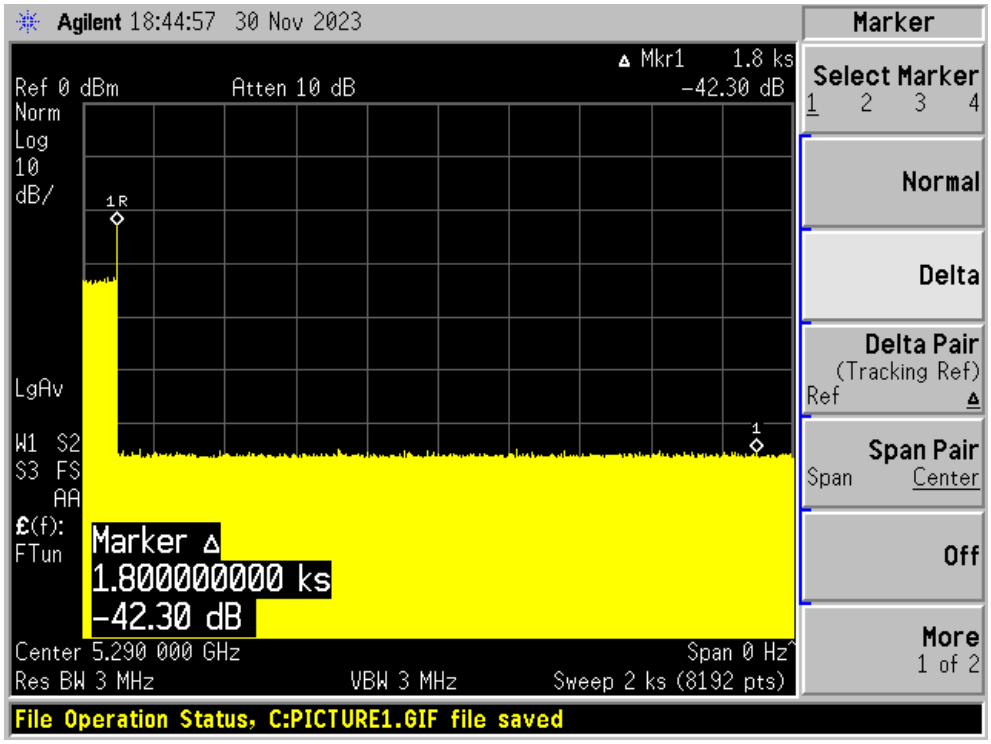
Measure the EUT for more than 30 minutes following the channel close/move time to very that the EUT does not resume any transmissions on this channel. Provide one plot to demonstrate no transmission on the channel for the non-occupancy period (30 minutes observation time)

4.4.2 Test Result

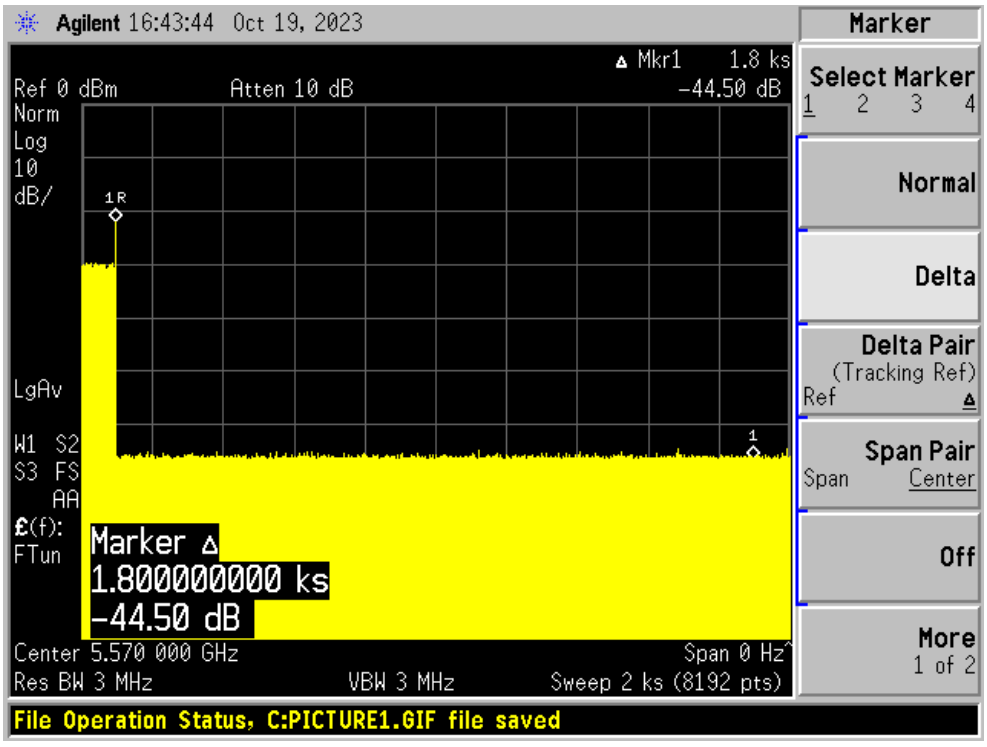
Test Frequency (MHz)	Bandwidth (MHz)	Spectrum Analyzer Display
5290	160	No transmission within 30 minutes
5570	160	No transmission within 30 minutes

Please refer to the following plots.

5290 MHz



5570 MHz


Agilent 16:43:44 Oct 19, 2023
Ref 0 dBm
Atten 10 dB
Mkr1 1.8 ks
-44.50 dB
Norm
Log
10
dB/
1R
LgAv
W1 S2
S3 FS
AA
£(f):
FTun
Marker Δ
1.800000000 ks
-44.50 dB
Center 5.570 000 GHz
Res BW 3 MHz
VBW 3 MHz
Span 0 Hz
Sweep 2 ks (8192 pts)
Marker
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
File Operation Status, C:PICTURE1.GIF file saved

4.5 DETECTION BANDWIDTH

4.5.1 Test Procedure

Performed with Type 0 radar waveforms

Starting at the center frequency of the UUT 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 **Table 4**. Repeat this measurement in 1MHz steps at frequencies 5 MHz below where the detection rate begins to fall. Record the highest frequency (denote as F_H) at which detection is greater than or equal to the *U-NII Detection Bandwidth* criterion. Recording the detection rate at frequencies above F_H is not required to demonstrate compliance.
Starting at the center frequency of the UUT 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 **Table 4**. Repeat this measurement in 1MHz steps at frequencies 5 MHz above where the detection rate begins to fall. Record the lowest frequency (denote as F_L) at which detection is greater than or equal to the *U-NII Detection Bandwidth* criterion. Recording the detection rate at frequencies below F_L is not required to demonstrate compliance.

The *U-NII Detection Bandwidth* is calculated as follows:
U-NII Detection Bandwidth = $F_H - F_L$

The *U-NII Detection Bandwidth* must meet the *U-NII Detection Bandwidth* criterion specified in **Table 4**. Otherwise, the UUT does not comply with DFS requirements. This is essential to ensure that the UUT is capable of detecting *Radar Waveforms* across the same frequency spectrum that contains the significant energy from the system. In the case that the *U-NII Detection Bandwidth* is greater than or equal to the 99 percent power bandwidth for the measured F_H and F_L, the test can be truncated and the *U-NII Detection Bandwidth* can be reported as the measured F_H and F_L.

4.5.2 Test Result

Frequency (MHz)	Bandwidth Systems (MHz)	F_L (MHz)	F_H (MHz)	Detection Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Minimum Limit	Result
5500	20	5490	5510	20	18.86	100%	Compliance
5510	40	5490	5530	40	37.56	100%	Compliance
5530	80	5489	5570	81	76.72	100%	Compliance
5570	160	5490	5650	160	155.04	100%	Compliance
5290*	160	5250	5330	80	76.56	100%	Compliance

Note*: For Channel 5250MHz 160MHz bandwidth mode, only half of the band (5250-5330MHz) fall into the DFS band(5250-5350MHz), so the centre frequency(5290MHz, 80MHz bandwidth) in the DFS band was selected for full DFS test.

Results of Detection Bandwidth:

20MHz Bandwidth, EUT Frequency = 5500MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5485	0	0	0	0	0	0	0	0	0	0	0 %
5489	0	0	0	0	0	0	0	0	0	0	0 %
5490(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5495	1	1	1	1	1	1	1	1	1	1	100 %
5500	1	1	1	1	1	1	1	1	1	1	100 %
5505	1	1	1	1	1	1	1	1	1	1	100 %
5510(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5511	0	0	0	0	0	0	0	0	0	0	0 %
5515	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$ = 5510-5490 = 20MHz											
EUT 99% BW = 18.86 MHz											**Result:** Pass

40MHz Bandwidth, EUT Frequency = 5510MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5485	0	0	0	0	0	0	0	0	0	0	0 %
5489	0	0	0	0	0	0	0	0	0	0	0 %
5490(F_L)	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5530(F_H)	1	1	1	1	1	1	1	1	1	1	100%
5531	0	0	0	0	0	0	0	0	0	0	0 %
5535	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$ = 5530-5490 = 40 MHz											
EUT 99% BW = 37.56MHz;											**Result:** Pass

80MHz Bandwidth, EUT Frequency = 5530 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5485	0	0	0	0	0	0	0	0	0	0	0 %
5488	0	0	0	0	0	0	0	0	0	0	0 %
5489(F_L)	1	1	1	1	1	1	1	1	1	1	100%
5490	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5530	1	1	1	1	1	1	1	1	1	1	100%
5535	1	1	1	1	1	1	1	1	1	1	100%
5540	1	1	1	1	1	1	1	1	1	1	100%
5545	1	1	1	1	1	1	1	1	1	1	100%
5550	1	1	1	1	1	1	1	1	1	1	100%
5555	1	1	1	1	1	1	1	1	1	1	100%
5560	1	1	1	1	1	1	1	1	1	1	100%
5565	1	1	1	1	1	1	1	1	1	1	100%
5570(F_H)	1	1	1	1	1	1	1	1	1	1	100%
5571	0	0	0	0	0	0	0	0	0	0	0 %
5575	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$ =5570-5489 = 81 MHz											
EUT 99% BW =76.72 MHz;											**Result:** Pass

160MHz Bandwidth, EUT Frequency = 5570 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5485	0	0	0	0	0	0	0	0	0	0	0 %
5489	0	0	0	0	0	0	0	0	0	0	0 %
5490(F_L)	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5530	1	1	1	1	1	1	1	1	1	1	100%
5535	1	1	1	1	1	1	1	1	1	1	100%
5540	1	1	1	1	1	1	1	1	1	1	100%
5545	1	1	1	1	1	1	1	1	1	1	100%
5550	1	1	1	1	1	1	1	1	1	1	100%
5555	1	1	1	1	1	1	1	1	1	1	100%
5560	1	1	1	1	1	1	1	1	1	1	100%
5565	1	1	1	1	1	1	1	1	1	1	100%
5570	1	1	1	1	1	1	1	1	1	1	100%
5575	1	1	1	1	1	1	1	1	1	1	100%
5580	1	1	1	1	1	1	1	1	1	1	100%
5585	1	1	1	1	1	1	1	1	1	1	100%
5590	1	1	1	1	1	1	1	1	1	1	100%
5595	1	1	1	1	1	1	1	1	1	1	100%
5600	1	1	1	1	1	1	1	1	1	1	100%
5605	1	1	1	1	1	1	1	1	1	1	100%
5610	1	1	1	1	1	1	1	1	1	1	100%
5615	1	1	1	1	1	1	1	1	1	1	100%
5620	1	1	1	1	1	1	1	1	1	1	100%
5625	1	1	1	1	1	1	1	1	1	1	100%
5630	1	1	1	1	1	1	1	1	1	1	100%
5635	1	1	1	1	1	1	1	1	1	1	100%
5640	1	1	1	1	1	1	1	1	1	1	100%

5645	1	1	1	1	1	1	1	1	1	1	100%
5650(F_H)	1	1	1	1	1	1	1	1	1	1	100%
5651	0	0	0	0	0	0	0	0	0	0	0 %
5655	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = = $F_H - F_L$ =5650-5490 = 160 MHz											
EUT 99% BW =155.04 MHz; **Result:** Pass											

160MHz Bandwidth, EUT Frequency = 5250 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5250	1	1	1	1	1	1	1	1	1	1	100%
5255	1	1	1	1	1	1	1	1	1	1	100%
5260	1	1	1	1	1	1	1	1	1	1	100%
5265	1	1	1	1	1	1	1	1	1	1	100%
5270	1	1	1	1	1	1	1	1	1	1	100%
5275	1	1	1	1	1	1	1	1	1	1	100%
5280	1	1	1	1	1	1	1	1	1	1	100%
5285	1	1	1	1	1	1	1	1	1	1	100%
5290	1	1	1	1	1	1	1	1	1	1	100%
5295	1	1	1	1	1	1	1	1	1	1	100%
5300	1	1	1	1	1	1	1	1	1	1	100%
5305	1	1	1	1	1	1	1	1	1	1	100%
5310	1	1	1	1	1	1	1	1	1	1	100%
5315	1	1	1	1	1	1	1	1	1	1	100%
5320	1	1	1	1	1	1	1	1	1	1	100%
5325	1	1	1	1	1	1	1	1	1	1	100%
5330	1	1	1	1	1	1	1	1	1	1	100%
5331	0	0	0	0	0	0	0	0	0	0	0 %
5332	0	0	0	0	0	0	0	0	0	0	0 %
5333	0	0	0	0	0	0	0	0	0	0	0 %
5334	0	0	0	0	0	0	0	0	0	0	0 %
5335	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = = $F_H - F_L$ =5330-5250 = 80 MHz											
EUT 99% BW =80 MHz;											**Result:** Pass

4.6 STATISTICAL PERFORMANCE CHECK

4.6.1 Procedure:

The steps below define the procedure to determine the minimum percentage of successful detection requirements found in **Tables 5-7** when a radar burst with a level equal to the *DFS Detection Threshold* + 1dB is generated on the *Operating Channel* of the U-NII device *(In- Service Monitoring).*

a) One frequency will be chosen from the *Operating Channels* of the UUT within the 5250-5350 MHz or 5470-5725 MHz bands.
b) In case the UUT is a U-NII device operating as a Client Device (with or without Radar Detection), a U-NII device operating as a Master Device will be used to allow the UUT (Client device) to Associate with the Master Device. In case the UUT 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 UUT (Master). In both cases for conducted tests, the Radar Waveform generator will be connected to the Master Device. 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.
c) Stream the channel loading test file from the *Master Device* to the Client Device on the test *Channel* for the entire period of the test.
d) At time T_0 the *Radar Waveform* generator sends the individual waveform for each of the Radar Types 1- 6 in **Tables 5-7**, at levels defined in **Table 3**, 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.
e) Observe the transmissions of the UUT at the end of the Burst on the *Operating Channel* for duration greater than 10 seconds for Radar Type 0 to ensure detection occurs.
f) Observe the transmissions of the UUT 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.
g) In case the UUT is a U-NII device operating as a *Client Device* with *In-Service Monitoring*, perform steps a) to f).

4.6.2 Result:

20MHz(Radar Signal is 5500MHz)

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A	15	86.7	60	pass
Type 1B	15	100	60	pass
Type 2	30	90	60	Pass
Type 3	30	90	60	Pass
Type 4	30	93.3	60	Pass
Aggregate (Radar Types 1-4)	120	91.7	80	Pass
Type 5	30	100	80	Pass
Type 6	30	93.3	70	Pass

Please refer to the following statistical tables:

5500 MHz

Radar Type 1A Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5500	65	1	818	1
2	5500	61	1	878	1
3	5500	58	1	918	1
4	5500	74	1	718	1
5	5500	67	1	798	0
6	5500	78	1	678	1
7	5500	57	1	938	1
8	5500	99	1	538	1
9	5500	18	1	3066	1
10	5500	72	1	738	1
11	5500	81	1	658	0
12	5500	89	1	598	1
13	5500	68	1	778	1
14	5500	95	1	558	1
15	5500	63	1	838	1
Detection Percentage: 86.7 % (>60%)					

Radar Type 1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5500	20	1	2662	1
2	5500	20	1	2649	1
3	5500	24	1	2267	1
4	5500	52	1	1016	1
5	5500	28	1	1901	1
6	5500	25	1	2160	1
7	5500	32	1	1652	1
8	5500	33	1	1638	1
9	5500	18	1	3049	1
10	5500	22	1	2448	1
11	5500	22	1	2462	1
12	5500	40	1	1352	1
13	5500	19	1	2836	1
14	5500	35	1	1546	1
15	5500	25	1	2193	1
Detection Percentage: 100 % (>60%)					

Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5500	24	4.3	206	0
2	5500	28	1.7	158	1
3	5500	24	1.5	226	1
4	5500	27	1.8	228	1
5	5500	28	2.2	166	1
6	5500	23	4.1	167	1
7	5500	24	2	228	1
8	5500	24	1.1	185	1
9	5500	23	1.7	210	1
10	5500	27	3.3	225	1
11	5500	24	4.2	167	1
12	5500	25	4.4	192	1
13	5500	29	1.1	167	1
14	5500	28	4.9	161	1
15	5500	25	1	189	1
16	5500	29	1.8	182	1
17	5500	27	1.9	183	1
18	5500	26	2.1	159	0
19	5500	25	4	153	1
20	5500	26	2.3	189	1
21	5500	24	4.1	202	0
22	5500	29	1.4	211	1
23	5500	27	1	223	1
24	5500	25	3.2	164	1
25	5500	28	1.9	173	1
26	5500	29	4.8	176	1
27	5500	26	1.2	155	1
28	5500	25	4.2	211	1
29	5500	23	1.2	157	1
30	5500	27	3.5	221	1
Detection Percentage: 90 % (>60%)					

Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5500	17	8.6	251	1
2	5500	18	8.3	400	1
3	5500	18	7.4	500	1
4	5500	17	6.8	392	0
5	5500	16	7.2	270	1
6	5500	16	6.9	377	0
7	5500	16	7.4	345	1
8	5500	16	9.5	362	1
9	5500	16	7	490	1
10	5500	17	7	467	1
11	5500	16	9.9	484	1
12	5500	17	8.9	301	1
13	5500	17	6.9	283	1
14	5500	18	9.5	459	1
15	5500	18	6.7	392	1
16	5500	17	9.4	371	1
17	5500	17	9.1	303	1
18	5500	16	7.9	472	1
19	5500	17	6.4	214	0
20	5500	17	9.5	310	1
21	5500	16	6.9	326	1
22	5500	18	7.7	500	1
23	5500	18	8.5	412	1
24	5500	18	8.5	472	1
25	5500	18	7.7	474	1
26	5500	18	7	274	1
27	5500	18	7.8	437	1
28	5500	16	7.3	379	1
29	5500	17	6.6	492	1
30	5500	18	9	330	1
Detection Percentage: 90% (>60%)					

Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5500	13	11.8	451	1
2	5500	13	16.6	383	1
3	5500	12	18.1	415	1
4	5500	14	12.8	282	1
5	5500	14	12	349	1
6	5500	13	19.4	417	1
7	5500	12	13	327	1
8	5500	12	18.7	489	1
9	5500	15	17.2	237	1
10	5500	16	12.1	310	1
11	5500	15	19.7	325	1
12	5500	15	14.1	403	1
13	5500	14	14.5	354	1
14	5500	16	13.2	200	1
15	5500	12	14.4	232	1
16	5500	13	13.4	483	1
17	5500	15	11.3	241	0
18	5500	13	18.2	447	0
19	5500	16	13.7	314	1
20	5500	13	15.2	282	1
21	5500	12	17.7	426	1
22	5500	15	13.2	389	1
23	5500	14	13.3	362	1
24	5500	16	13.8	479	1
25	5500	14	18.6	280	1
26	5500	13	11.7	485	1
27	5500	16	17.5	202	1
28	5500	15	15.1	353	1
29	5500	15	17.3	370	1
30	5500	13	12.6	292	1
Detection Percentage: 93.3 % (>60%)					

Radar Type 5 Case 1 Statistical Performance

Statistics 1 (ChirpCenter Frequency: 5500MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	9	93.3	1857	1217	0.008232	
1	3	9	77	1767	1766	0.861443	
2	1	9	76.2			1.321637	
3	1	9	55.2			2.176004	
4	2	9	90.3	1259		2.824548	
5	1	9	60.2			3.468798	
6	1	9	87.8			4.100924	
7	3	9	58.3	1041	1736	4.76295	
8	2	9	67.6	1747		5.386109	
9	1	9	67.6			5.450966	1
10	3	9	87	1871	1618	6.108861	
11	3	9	52.7	1442	1167	6.874582	
12	1	9	74.3			7.750068	
13	2	9	83.7	1952		7.998496	
14	1	9	52.5			8.983124	
15	3	9	87.3	1488	1615	9.361527	
16	2	9	91.4	1738		9.715746	
17	2	9	79.3	1843		10.25106	
18	2	9	99.6	1495		11.03909	

Statistics 2 (ChirpCenter Frequency: 5500MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	9	61.6			0.14432	
1	1	9	61.6			1.817657	
2	3	9	94.4	1315	1302	3.116033	
3	2	9	53.1	1583		4.057944	
4	3	9	92.2	1426	1198	5.078194	
5	3	9	81.3	1585	1703	6.38281	1
6	3	9	93.3	1130	1147	6.991482	
7	2	9	67.7	1472		8.44698	
8	2	9	88.6	1608		9.080377	
9	1	9	52.9			10.72389	
10	2	9	85.7	1371		10.95528	

Statistics 3 (ChirpCenter Frequency: 5500MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	10	71.1	1048		0.439662	1
1	1	10	68.2			1.265869	
2	2	10	78.6	1593		2.822046	
3	2	10	80.9	1003		3.663448	
4	1	10	79			4.844794	
5	2	10	64.3	1509		5.067401	
6	2	10	73.3	1091		6.975799	
7	2	10	79.2	1206		7.75705	
8	2	10	83.1	1975		8.291056	
9	2	10	86.6	1090		9.5831	
10	3	10	84.3	1738	1201	10.61796	
11	2	10	54	1516		11.44197	

Statistics 4 (ChirpCenter Frequency: 5500MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	13	88.1	1116	1014	0.89129	1
1	1	13	73.2			1.637347	
2	2	13	52.6	1077		2.877093	
3	2	13	93.5	1398		4.128333	
4	3	13	66.6	1366	1145	4.778594	
5	2	13	55.2	1588		5.825556	
6	1	13	82.9			7.530926	
7	2	13	76.4	1531		7.769242	
8	2	13	50.6	1270		9.675974	
9	3	13	66.9	1513	1439	10.63445	
10	2	13	66.2	1283		11.38379	

Statistics 5(ChirpCenter Frequency: 5500MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	15	81.7	1043		0.00487	1
1	2	15	88.5	1601		1.435713	
2	1	15	61.6			2.225576	
3	1	15	89.3			3.410645	
4	1	15	85.8			4.278509	
5	1	15	54.6			5.288561	
6	2	15	67.1	1336		6.972581	
7	3	15	68.3	1393	1892	7.906544	
8	2	15	79.8	1271		8.970878	
9	3	15	88.4	1693	1712	9.251354	
10	2	15	60.9	1375		10.76526	
11	1	15	51.2			11.96221	

Statistics 6 (ChirpCenter Frequency: 5500MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	5	61.3	1351		0.764597	1
1	2	5	77.6	1392		1.379819	
2	2	5	82.4	1939		2.215044	
3	2	5	71.8	1923		3.098301	
4	3	5	92.2	1404	1893	3.996635	
5	2	5	91.2	1365		4.497437	
6	1	5	93.9			5.608158	
7	2	5	76.4	1892		6.714776	
8	1	5	52			6.925315	
9	2	5	91.7	1760		7.895591	
10	1	5	82.9			8.907841	
11	1	5	61.1			9.989008	
12	1	5	67			10.31983	
13	1	5	76.3			11.44769	

Statistics 7(ChirpCenter Frequency: 5500MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	15	99.5	1726		0.329627	
1	2	15	71.9	1873		0.639812	
2	2	15	87.3	1666		1.653142	
3	1	15	63.9			2.308908	
4	2	15	91.4	1933		2.772849	
5	1	15	75.1			3.616033	
6	2	15	59.5	1583		4.225676	
7	2	15	86.5	1253		4.743763	
8	3	15	87.5	1725	1099	5.312508	
9	2	15	54.7	1084		6.205564	1
10	2	15	67	1210		6.474775	
11	2	15	67.3	1461		7.567058	
12	3	15	71.6	1635	1970	7.928225	
13	1	15	88.2			8.272253	
14	1	15	64.7			9.40735	
15	1	15	70			9.568109	
16	2	15	95.2	1823		10.53638	
17	1	15	89.4			10.7825	
18	3	15	98.3	1192	1382	11.41728	

Statistics 8 (ChirpCenter Frequency: 5500MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	11	61.9	1583		0.113584	
1	3	11	63	1787	1281	0.967166	
2	2	11	99.9	1556		1.647287	
3	2	11	85.3	1048		1.949532	
4	2	11	87.1	1641		2.787095	
5	2	11	100	1019		3.126959	
6	1	11	75.6			4.05226	
7	2	11	97.4	1926		4.295998	
8	2	11	72.3	1768		5.135397	
9	3	11	73	1630	1788	5.718709	
10	2	11	87.3	1149		6.561798	1
11	1	11	97.4			7.148415	
12	2	11	68.2	1406		7.64405	
13	2	11	62	1468		7.979667	
14	2	11	91.3	1955		8.909937	
15	1	11	52.7			9.444746	
16	1	11	96.5			9.813714	
17	2	11	52.4	1329		10.39536	
18	1	11	77.9			11.3957	
19	1	11	58.8			11.92939	

Statistics 9 (ChirpCenter Frequency: 5500MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	5	65.6			0.053036	1
1	2	5	50.7	1416		1.582358	
2	2	5	75.6	1145		2.218073	
3	2	5	59.9	1145		3.340432	
4	1	5	60			4.114286	
5	2	5	54.2	1567		5.494464	
6	3	5	85.5	1647	1957	6.007041	
7	2	5	77.9	1359		6.901007	
8	3	5	71.2	1928	1979	7.704528	
9	2	5	95.8	1873		8.679841	
10	1	5	75.1			9.916522	
11	2	5	61.9	1791		10.55711	
12	1	5	63.2			11.43821	

Statistics 10 (ChirpCenter Frequency: 5500MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	6	99.8	1439		0.494594	1
1	3	6	85.4	1172	1560	2.319346	
2	2	6	66.9	1795		2.973017	
3	1	6	83.2			3.865411	
4	2	6	92.2	1080		5.248061	
5	3	6	90.7	1384	1916	6.625199	
6	3	6	79.3	1816	1536	8.119495	
7	2	6	53.5	1251		9.217655	
8	2	6	53.3	1183		9.615767	
9	2	6	89.2	1128		11.07875	

Radar Type 5 Case 2 Statistical Performance

Statistics 1 (ChirpCenter Frequency: 5493.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	8	65.3	1945		0.31123	
1	3	8	92.6	1716	1009	0.812343	
2	3	8	74.9	1498	1276	1.801488	
3	2	8	78.8	1923		2.273243	
4	3	8	51.4	1140	1525	2.95535	
5	2	8	85.6	1449		3.495327	
6	2	8	81.1	1538		4.275003	
7	2	8	74.6	1161		4.498966	
8	3	8	72.4	1181	1775	5.098471	
9	3	8	51.3	1259	1655	6.185542	1
10	2	8	63.3	1740		6.606104	
11	2	8	89.2	1559		7.091579	
12	2	8	68.6	1546		7.583703	
13	2	8	55	1675		8.267652	
14	3	8	61.1	1931	1035	8.923258	
15	2	8	93.7	1508		9.640825	
16	2	8	51	1988		10.36088	
17	3	8	93.1	1691	1976	10.74523	
18	2	8	66.6	1246		11.45937	

Statistics 2 (ChirpCenter Frequency: 5498.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	19	74.7	1505	1368	0.46428	
1	1	19	97.7			1.195032	
2	1	19	54.1			1.443725	
3	2	19	85.3	1402		2.200155	
4	3	19	75.9	1129	1686	2.777545	
5	3	19	81.7	1962	1748	3.591067	
6	3	19	52.9	1585	1876	4.183727	
7	3	19	75.4	1679	1281	4.855536	
8	2	19	91.8	1063		5.949227	
9	1	19	73.1			6.039891	1
10	1	19	64.6			7.026825	
11	2	19	94.3	1087		7.896218	
12	3	19	81	1109	1018	8.573951	
13	1	19	81.2			8.940418	
14	1	19	50.2			9.944318	
15	1	19	84.9			10.54499	
16	2	19	97.6	1863		11.25643	
17	2	19	64.6	1613		11.53722	

Statistics 3 (ChirpCenter Frequency: 5495.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	12	53.7	1747		0.023027	1
1	1	12	77.9			1.907618	
2	2	12	94	1590		2.636625	
3	2	12	68.2	1926		3.26927	
4	3	12	81	1674	1804	4.710395	
5	3	12	64.7	1925	1930	5.397046	
6	2	12	69.7	1171		6.643464	
7	1	12	69.7			7.863403	
8	3	12	72.1	1194	1543	8.307514	
9	1	12	87.2			9.286026	
10	2	12	88.5	1574		10.90315	
11	2	12	78.6	1058		11.20177	

Statistics 4 (ChirpCenter Frequency: 5498.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	19	98.5	1658		0.281549	1
1	2	19	69.6	1987		0.907265	
2	2	19	70.5	1337		1.505397	
3	2	19	63.9	1924		2.265526	
4	3	19	80.1	1380	1843	2.772627	
5	2	19	91.4	1184		3.303322	
6	3	19	57.6	1603	1129	4.350329	
7	2	19	84.3	1196		4.639666	
8	2	19	64.9	1264		5.410346	
9	3	19	81	1504	1661	5.966653	
10	2	19	97.8	1811		6.684037	
11	2	19	84.2	1173		7.315263	
12	1	19	68.2			7.754959	
13	1	19	95.2			8.327601	
14	2	19	60.8	1014		9.469364	
15	2	19	61.9	1414		9.658342	
16	2	19	64.7	1339		10.50891	
17	3	19	50.6	1737	1069	11.09748	
18	2	19	69.2	1406		11.56857	

Statistics 5 (ChirpCenter Frequency: 5493.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	8	86.2	1509	1651	0.527725	
1	3	8	77.4	1076	1388	1.055934	
2	1	8	92.6			1.805845	
3	2	8	60.7	1142		2.826129	
4	1	8	61.5			3.722536	
5	3	8	73	1479	1016	4.100324	
6	2	8	87.5	1664		5.001365	
7	2	8	92.4	1845		6.240455	1
8	2	8	92.4	1700		6.790329	
9	2	8	65.1	1682		7.493557	
10	3	8	87.4	1583	1441	8.455799	
11	3	8	94.1	1136	1907	9.426517	
12	1	8	56.2			10.33416	
13	2	8	89.6	1157		10.58678	
14	2	8	63.5	1289		11.29012	

Statistics 6 (ChirpCenter Frequency: 5494.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	11	56.9	1173		0.286406	
1	2	11	66.6	1368		0.923415	
2	2	11	84.7	1255		2.181086	
3	2	11	68.3	1961		2.380621	
4	2	11	57.2	1847		3.326939	
5	2	11	93.6	1742		3.915665	
6	2	11	98.5	1489		4.550606	
7	2	11	76.6	1111		5.415078	
8	1	11	73.8			6.490428	1
9	2	11	70.1	1477		6.998734	
10	3	11	93.3	1792	1954	8.236088	
11	1	11	61.8			8.388069	
12	1	11	59.9			9.100949	
13	2	11	80.4	1716		9.824032	
14	3	11	69.2	1919	1361	11.19852	
15	1	11	75.4			11.51239	

Statistics 7 (ChirpCenter Frequency: 5494.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(uS)	Pulse 2-3 spacing(uS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	11	62.9	1396	1360	0.264254	1
1	1	11	78.6			1.209145	
2	2	11	63.3	1286		1.451627	
3	1	11	86.7			2.349658	
4	2	11	57.4	1620		3.309983	
5	1	11	99.7			3.606509	
6	1	11	72.5			4.52027	
7	1	11	56.4			4.798456	
8	3	11	86.6	1877	1405	5.869744	
9	3	11	77.6	1394	1052	6.036528	
10	2	11	95.2	1920		6.884014	
11	2	11	65.5	1922		7.648373	
12	3	11	85	1850	1372	8.620888	
13	2	11	86.4	1359		9.127935	
14	3	11	76.5	1613	1129	9.462572	
15	1	11	50			10.47094	
16	2	11	80	1285		11.20599	
17	2	11	82.6	1365		11.9852	

Statistics 8 (ChirpCenter Frequency: 5494.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	10	60.8			0.215343	1
1	2	10	63.2	1243		1.059875	
2	3	10	59.8	1539	1368	1.630064	
3	1	10	53.8			2.50276	
4	2	10	67.7	1317		2.792755	
5	3	10	93.9	1516	1547	3.5025	
6	1	10	65.4			4.344721	
7	2	10	79.5	1230		5.307261	
8	3	10	54.6	1882	1225	5.93577	
9	3	10	50.5	1081	1136	6.10484	
10	2	10	83.3	1302		7.16893	
11	2	10	56	1296		7.372355	
12	2	10	76.2	1720		8.273712	
13	2	10	84.1	1162		8.696389	
14	3	10	53.7	1027	1748	9.570072	
15	2	10	50.9	1235		10.16046	
16	2	10	68.8	1473		10.98086	
17	3	10	76.9	1408	1979	11.73395	

Statistics 9 (ChirpCenter Frequency: 5494.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	10	55.9	1107		1.185958	1
1	2	10	59.1	1220		1.735053	
2	2	10	59.8	1295		2.653938	
3	2	10	99.4	1513		4.088927	
4	3	10	57.6	1623	1607	5.274102	
5	2	10	65.5	1907		7.021707	
6	2	10	95.6	1474		8.046171	
7	3	10	60.7	1698	1424	8.867793	
8	3	10	91	1508	1034	9.998384	
9	3	10	78	1825	1379	11.68757	

Statistics 10 (ChirpCenter Frequency: 5493.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	7	82	1969		0.509057	1
1	3	7	81.9	1603	1109	1.198996	
2	3	7	71.5	1846	1407	1.36349	
3	3	7	50.8	1583	1017	2.376934	
4	1	7	81.6			2.814486	
5	1	7	98.5			3.639588	
6	2	7	91.9	1729		4.464871	
7	2	7	55.9	1376		5.263188	
8	1	7	84.9			5.357309	
9	1	7	62.3			6.399547	
10	2	7	59.4	1561		6.841589	
11	2	7	68.2	1420		7.398145	
12	1	7	66.5			8.181438	
13	1	7	86.2			8.674992	
14	1	7	63.6			9.760676	
15	2	7	61.3	1175		10.15079	
16	2	7	73.8	1224		11.24399	
17	2	7	82	1031		11.37294	

Radar Type 5 Case 3 Statistical Performance

Statistics 1 (ChirpCenter Frequency: 5505.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	12	91.6			0.563691	
1	2	12	73.5	1788		1.001686	
2	1	12	67.3			2.128454	
3	1	12	76.6			2.412858	
4	3	12	68.4	1153	1544	3.258939	
5	2	12	65	1330		4.665907	
6	2	12	51.2	1115		4.903059	
7	3	12	94.6	1652	1429	6.322651	1
8	2	12	54.1	1844		7.050606	
9	1	12	79.9			7.909433	
10	2	12	68.4	1392		8.008592	
11	3	12	76.3	1325	1774	9.172936	
12	2	12	59.7	1636		10.08067	
13	1	12	83.4			10.97758	
14	2	12	70.5	1748		11.38319	

Statistics 2 (ChirpCenter Frequency: 5505.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	13	88.3	1366		0.842634	
1	3	13	94.1	1414	1427	1.586285	
2	3	13	67.9	1565	1061	1.899428	
3	2	13	54.6	1010		3.278825	
4	3	13	70.9	1016	1655	4.0382	
5	3	13	86.7	1161	1741	4.566156	
6	2	13	80.1	1040		5.212065	
7	3	13	82.8	1742	1419	6.552423	1
8	3	13	95.4	1058	1340	7.226734	
9	3	13	59.2	1095	1196	7.750348	
10	2	13	70.9	1622		9.027624	
11	2	13	74.4	1861		10.08975	
12	1	13	86.9			10.4187	
13	2	13	89.3	1103		11.84592	

Statistics 3 (ChirpCenter Frequency: 5507.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	8	98.7	1437	1168	0.386125	1
1	2	8	81.8	1996		1.118588	
2	2	8	92.5	1979		1.705013	
3	2	8	77.6	1015		2.616564	
4	1	8	73.4			2.888521	
5	3	8	59.4	1496	1801	3.915022	
6	3	8	93	1071	1491	4.07888	
7	2	8	74.9	1427		5.058661	
8	3	8	93.5	1949	1020	5.793745	
9	2	8	85.4	1004		6.258319	
10	1	8	96.3			6.671885	
11	3	8	67.5	1976	1495	7.913551	
12	2	8	76.3	1957		8.497291	
13	1	8	90.7			8.918835	
14	2	8	66.6	1436		9.898412	
15	1	8	54.4			10.12008	
16	2	8	69.1	1729		11.07769	
17	2	8	85.5	1928		11.4586	

Statistics 4 (ChirpCenter Frequency: 5504.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	14	79.4			0.783694	1
1	2	14	62.7	1498		1.168175	
2	2	14	93.9	1548		1.753984	
3	1	14	76			2.861505	
4	1	14	68.9			3.558727	
5	3	14	91.9	1466	1823	4.226848	
6	2	14	85.8	1899		5.159768	
7	2	14	67.6	1105		6.330943	
8	3	14	99.6	1821	1718	6.685064	
9	3	14	91.6	1034	1916	7.224794	
10	2	14	88.2	1637		8.128518	
11	2	14	53.8	1082		8.918407	
12	2	14	84.1	1878		9.905634	
13	2	14	53.7	1268		11.09697	
14	2	14	94.2	1591		11.91755	

Statistics 5 (ChirpCenter Frequency: 5502.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	19	99.9			0.868784	1
1	3	19	68.9	1138	1650	1.405349	
2	2	19	88.3	1044		2.789634	
3	3	19	96.3	1369	1490	3.919899	
4	3	19	67.4	1027	1435	4.412572	
5	1	19	62.4			5.616264	
6	1	19	93.4			6.539789	
7	2	19	77	1780		7.868479	
8	2	19	79.8	1217		8.436481	
9	1	19	92.2			9.71101	
10	1	19	63.2			10.82621	
11	2	19	91	1892		11.09903	

Statistics 6 (ChirpCenter Frequency: 5506.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	10	77.9	1444		1.088668	1
1	2	10	75.7	1968		1.809892	
2	2	10	88.3	1516		3.518344	
3	2	10	87.2	1454		4.624995	
4	2	10	90	1262		6.176483	
5	2	10	75.5	1039		7.809893	
6	2	10	98.8	1634		8.208096	
7	2	10	61.6	1909		10.58368	
8	2	10	51.3	1571		11.56456	

Statistics 7 (ChirpCenter Frequency: 5504.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(uS)	Pulse 2-3 spacing(uS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	14	97	1071		0.949923	
1	1	14	92.2			1.177672	
2	2	14	94.3	1777		2.978542	
3	3	14	77.5	1949	1506	3.49531	
4	2	14	56.9	1656		5.285073	
5	1	14	74.5			5.524499	1
6	1	14	53			7.601181	
7	2	14	74.1	1693		7.786958	
8	2	14	53.1	1793		9.262475	
9	2	14	85.8	1077		9.873112	
10	1	14	96.4			11.48884	

Statistics 8 (ChirpCenter Frequency: 5503.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	17	69.9	1389		0.28022	
1	2	17	95	1553		1.013399	
2	1	17	83			1.477739	
3	1	17	93.4			2.090781	
4	2	17	51.9	1110		2.600765	
5	2	17	57.3	1469		3.533286	
6	2	17	62.7	1296		4.196479	
7	2	17	52.9	1749		4.636833	
8	2	17	74.7	1350		5.604927	
9	3	17	57.5	1293	1936	5.880217	1
10	1	17	72.9			6.372743	
11	1	17	84.3			7.09355	
12	2	17	98	1710		7.652797	
13	1	17	52.9			8.450809	
14	1	17	70.7			9.266624	
15	2	17	81.3	1863		9.877002	
16	2	17	92.8	1126		10.62679	
17	1	17	88.8			11.12647	
18	2	17	77.8	1800		11.95302	

Statistics 9 (ChirpCenter Frequency: 5506.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	10	83	1527		0.119214	
1	1	10	63.5			0.843784	
2	2	10	64	1406		1.480258	
3	2	10	76.2	1870		2.116615	
4	2	10	88.6	1661		2.952261	
5	3	10	53.4	1661	1402	3.447619	
6	2	10	94.3	1369		3.635192	
7	1	10	60.7			4.671805	
8	3	10	51.1	1716	1579	5.265442	
9	2	10	96.3	1193		5.848494	
10	2	10	62	1624		6.075865	1
11	2	10	87.9	1477		7.118294	
12	2	10	81.8	1469		7.312682	
13	3	10	51.7	1845	1737	8.170574	
14	1	10	90.4			8.470646	
15	1	10	63.5			9.192566	
16	3	10	94.6	1711	1351	10.07299	
17	2	10	70.8	1748		10.60771	
18	1	10	95.9			11.27815	
19	3	10	87.4	1266	1177	11.67994	

Statistics 10 (ChirpCenter Frequency: 5503.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	18	54	1254		0.732938	
1	1	18	73.3			1.031517	
2	2	18	72.1	1673		2.244961	
3	2	18	65.9	1331		2.628824	
4	3	18	67.1	1261	1846	4.045099	
5	2	18	83	1186		4.649944	
6	1	18	71.5			5.925724	
7	3	18	84.6	1859	1559	6.038916	1
8	3	18	77.2	1114	1815	7.499031	
9	2	18	76	1074		7.892389	
10	3	18	81.1	1945	1477	8.987688	
11	2	18	85.7	1471		9.702671	
12	2	18	50.9	1869		10.77154	
13	2	18	88.8	1497		11.65959	

Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)	Hopping Sequence (MHz)
1	5500	9	1	333	1	5361.0, 5301.0, 5358.0, 5684.0, 5257.0, 5653.0, 5695.0, 5279.0, 5399.0, 5407.0, 5353.0, 5294.0, 5375.0, 5371.0, 5563.0, 5557.0, 5625.0, 5682.0, 5706.0, 5288.0, 5439.0, 5680.0, 5432.0, 5338.0, 5573.0, 5289.0, 5596.0, 5618.0, 5520.0, 5454.0, 5380.0, 5532.0, 5632.0, 5571.0, 5510.0, 5498.0, 5493.0, 5713.0, 5334.0, 5539.0, 5351.0, 5307.0, 5379.0, 5442.0, 5631.0, 5343.0, 5374.0, 5549.0, 5384.0, 5524.0, 5478.0, 5427.0, 5664.0, 5552.0, 5286.0, 5502.0, 5269.0, 5522.0, 5652.0, 5425.0, 5322.0, 5299.0, 5685.0, 5391.0, 5431.0, 5589.0, 5616.0, 5518.0, 5281.0, 5643.0, 5283.0, 5505.0, 5368.0, 5345.0, 5667.0, 5471.0, 5488.0, 5538.0, 5429.0, 5540.0, 5250.0, 5376.0, 5385.0, 5545.0, 5491.0, 5437.0, 5688.0, 5665.0, 5679.0, 5530.0, 5426.0, 5309.0, 5663.0, 5543.0, 5456.0, 5292.0, 5689.0, 5364.0, 5578.0, 5316.0 (number of hits: 5)
2	5500	9	1	333	1	5648.0, 5341.0, 5311.0, 5670.0, 5540.0, 5591.0, 5562.0, 5705.0, 5532.0, 5279.0, 5713.0, 5709.0, 5396.0, 5558.0, 5359.0, 5465.0, 5397.0, 5689.0, 5533.0, 5376.0, 5551.0, 5497.0, 5577.0, 5373.0, 5691.0, 5474.0, 5266.0, 5652.0, 5272.0, 5560.0, 5319.0, 5573.0, 5642.0, 5386.0, 5641.0, 5351.0, 5275.0, 5259.0, 5502.0, 5262.0, 5332.0, 5583.0, 5566.0, 5446.0, 5708.0, 5374.0, 5390.0, 5493.0, 5582.0, 5600.0, 5597.0, 5392.0, 5484.0, 5679.0, 5445.0, 5520.0, 5563.0, 5619.0, 5634.0, 5455.0, 5366.0, 5614.0, 5280.0, 5316.0, 5545.0, 5286.0, 5475.0, 5320.0, 5487.0, 5404.0, 5273.0, 5489.0, 5552.0, 5680.0, 5631.0, 5281.0, 5277.0, 5565.0, 5542.0, 5658.0, 5422.0, 5361.0, 5462.0, 5340.0, 5488.0, 5549.0, 5639.0, 5617.0, 5439.0, 5701.0, 5481.0, 5516.0, 5405.0, 5271.0, 5529.0, 5684.0, 5724.0, 5401.0, 5698.0, 5470.0 (number of hits: 3)
3	5500	9	1	333	1	5256.0, 5671.0, 5398.0, 5558.0, 5462.0, 5528.0, 5537.0, 5320.0, 5401.0, 5583.0, 5365.0, 5652.0, 5654.0, 5432.0, 5683.0, 5427.0, 5257.0, 5577.0, 5603.0, 5688.0, 5580.0, 5516.0, 5703.0, 5288.0, 5293.0, 5393.0, 5383.0, 5518.0, 5483.0, 5480.0, 5673.0, 5672.0, 5465.0, 5251.0, 5265.0, 5413.0, 5541.0, 5586.0, 5670.0, 5587.0, 5509.0, 5591.0, 5607.0, 5340.0, 5484.0, 5723.0, 5637.0, 5664.0, 5440.0, 5384.0, 5326.0, 5373.0, 5464.0, 5722.0, 5526.0,

						5718.0, 5255.0, 5490.0, 5598.0, 5302.0, 5501.0, 5575.0, 5641.0, 5690.0, 5267.0, 5496.0, 5387.0, 5531.0, 5514.0, 5624.0, 5448.0, 5284.0, 5620.0, 5416.0, 5459.0, 5434.0, 5634.0, 5346.0, 5570.0, 5625.0, 5609.0, 5287.0, 5546.0, 5472.0, 5710.0, 5594.0, 5303.0, 5286.0, 5601.0, 5523.0, 5691.0, 5713.0, 5437.0, 5659.0, 5311.0, 5252.0, 5433.0, 5296.0, 5588.0, 5585.0 (number of hits: 4)
4	5500	9	1	333	1	5527.0, 5293.0, 5303.0, 5326.0, 5294.0, 5341.0, 5497.0, 5447.0, 5521.0, 5560.0, 5335.0, 5250.0, 5547.0, 5526.0, 5311.0, 5315.0, 5575.0, 5425.0, 5520.0, 5568.0, 5338.0, 5456.0, 5375.0, 5488.0, 5269.0, 5614.0, 5453.0, 5494.0, 5632.0, 5716.0, 5517.0, 5358.0, 5506.0, 5622.0, 5472.0, 5534.0, 5635.0, 5446.0, 5287.0, 5483.0, 5459.0, 5610.0, 5339.0, 5284.0, 5254.0, 5350.0, 5398.0, 5325.0, 5608.0, 5285.0, 5313.0, 5337.0, 5638.0, 5557.0, 5685.0, 5665.0, 5653.0, 5441.0, 5551.0, 5502.0, 5395.0, 5345.0, 5450.0, 5277.0, 5402.0, 5278.0, 5586.0, 5607.0, 5414.0, 5619.0, 5417.0, 5399.0, 5700.0, 5596.0, 5300.0, 5676.0, 5572.0, 5675.0, 5606.0, 5319.0, 5637.0, 5508.0, 5411.0, 5661.0, 5330.0, 5346.0, 5593.0, 5279.0, 5510.0, 5289.0, 5253.0, 5717.0, 5270.0, 5452.0, 5630.0, 5655.0, 5489.0, 5267.0, 5719.0, 5629.0 (number of hits: 5)
5	5500	9	1	333	1	5689.0, 5576.0, 5447.0, 5561.0, 5454.0, 5672.0, 5305.0, 5674.0, 5458.0, 5701.0, 5536.0, 5343.0, 5604.0, 5322.0, 5493.0, 5270.0, 5265.0, 5326.0, 5515.0, 5600.0, 5577.0, 5609.0, 5350.0, 5470.0, 5436.0, 5294.0, 5522.0, 5597.0, 5700.0, 5723.0, 5592.0, 5715.0, 5622.0, 5258.0, 5697.0, 5494.0, 5459.0, 5712.0, 5489.0, 5281.0, 5336.0, 5267.0, 5607.0, 5471.0, 5668.0, 5551.0, 5422.0, 5539.0, 5299.0, 5684.0, 5460.0, 5535.0, 5555.0, 5477.0, 5591.0, 5565.0, 5490.0, 5621.0, 5496.0, 5250.0, 5506.0, 5675.0, 5298.0, 5484.0, 5314.0, 5373.0, 5699.0, 5274.0, 5377.0, 5702.0, 5667.0, 5452.0, 5309.0, 5364.0, 5548.0, 5574.0, 5538.0, 5588.0, 5683.0, 5512.0, 5570.0, 5578.0, 5542.0, 5658.0, 5673.0, 5587.0, 5276.0, 5456.0, 5410.0, 5562.0, 5412.0, 5280.0, 5499.0, 5303.0, 5575.0, 5463.0, 5370.0, 5289.0, 5583.0, 5297.0 (number of hits: 6)
6	5500	9	1	333	1	5634.0, 5675.0, 5598.0, 5376.0, 5684.0, 5602.0, 5414.0, 5691.0, 5588.0, 5614.0, 5720.0, 5395.0, 5677.0, 5660.0, 5310.0, 5606.0, 5581.0, 5328.0, 5408.0, 5456.0, 5332.0, 5252.0, 5669.0, 5528.0, 5698.0, 5694.0, 5590.0, 5385.0, 5724.0, 5697.0, 5525.0, 5575.0, 5604.0, 5723.0, 5416.0,

						5388.0, 5296.0, 5368.0, 5276.0, 5492.0, 5699.0, 5526.0, 5594.0, 5560.0, 5627.0, 5580.0, 5277.0, 5587.0, 5553.0, 5251.0, 5511.0, 5486.0, 5360.0, 5721.0, 5561.0, 5409.0, 5300.0, 5398.0, 5369.0, 5531.0, 5687.0, 5591.0, 5630.0, 5428.0, 5341.0, 5550.0, 5321.0, 5347.0, 5493.0, 5405.0, 5454.0, 5520.0, 5549.0, 5500.0, 5383.0, 5437.0, 5618.0, 5556.0, 5693.0, 5544.0, 5386.0, 5514.0, 5356.0, 5315.0, 5513.0, 5679.0, 5516.0, 5308.0, 5268.0, 5670.0, 5417.0, 5470.0, 5639.0, 5484.0, 5430.0, 5423.0, 5389.0, 5668.0, 5654.0, 5681.0 (number of hits: 3)
7	5500	9	1	333	1	5538.0, 5658.0, 5505.0, 5420.0, 5255.0, 5567.0, 5251.0, 5661.0, 5406.0, 5683.0, 5321.0, 5297.0, 5442.0, 5476.0, 5715.0, 5431.0, 5396.0, 5300.0, 5581.0, 5625.0, 5638.0, 5454.0, 5389.0, 5399.0, 5426.0, 5364.0, 5350.0, 5303.0, 5315.0, 5637.0, 5564.0, 5541.0, 5666.0, 5576.0, 5596.0, 5445.0, 5507.0, 5428.0, 5484.0, 5457.0, 5630.0, 5469.0, 5329.0, 5460.0, 5498.0, 5557.0, 5398.0, 5622.0, 5475.0, 5671.0, 5279.0, 5298.0, 5278.0, 5558.0, 5259.0, 5318.0, 5365.0, 5265.0, 5578.0, 5573.0, 5679.0, 5698.0, 5380.0, 5310.0, 5718.0, 5308.0, 5363.0, 5381.0, 5627.0, 5471.0, 5654.0, 5511.0, 5569.0, 5349.0, 5267.0, 5523.0, 5489.0, 5432.0, 5393.0, 5375.0, 5713.0, 5566.0, 5710.0, 5702.0, 5280.0, 5430.0, 5382.0, 5719.0, 5588.0, 5531.0, 5721.0, 5651.0, 5423.0, 5332.0, 5482.0, 5356.0, 5639.0, 5414.0, 5510.0, 5712.0 (number of hits: 3)
8	5500	9	1	333	1	5570.0, 5400.0, 5363.0, 5497.0, 5379.0, 5407.0, 5642.0, 5477.0, 5603.0, 5529.0, 5577.0, 5422.0, 5698.0, 5350.0, 5367.0, 5349.0, 5292.0, 5683.0, 5380.0, 5431.0, 5480.0, 5414.0, 5402.0, 5618.0, 5695.0, 5390.0, 5280.0, 5397.0, 5574.0, 5319.0, 5430.0, 5588.0, 5517.0, 5496.0, 5692.0, 5660.0, 5721.0, 5639.0, 5615.0, 5345.0, 5669.0, 5416.0, 5487.0, 5718.0, 5281.0, 5266.0, 5369.0, 5386.0, 5276.0, 5473.0, 5616.0, 5435.0, 5445.0, 5553.0, 5507.0, 5391.0, 5516.0, 5645.0, 5455.0, 5664.0, 5693.0, 5354.0, 5409.0, 5626.0, 5527.0, 5655.0, 5722.0, 5470.0, 5291.0, 5696.0, 5523.0, 5674.0, 5420.0, 5594.0, 5641.0, 5573.0, 5314.0, 5520.0, 5515.0, 5449.0, 5667.0, 5595.0, 5340.0, 5338.0, 5691.0, 5716.0, 5649.0, 5347.0, 5419.0, 5486.0, 5366.0, 5413.0, 5652.0, 5295.0, 5375.0, 5453.0, 5593.0, 5673.0, 5258.0, 5353.0 (number of hits: 3)
9	5500	9	1	333	1	5380.0, 5281.0, 5639.0, 5548.0, 5710.0, 5634.0, 5278.0, 5280.0, 5619.0, 5613.0, 5667.0, 5544.0, 5348.0, 5488.0, 5585.0,

						5656.0, 5673.0, 5286.0, 5589.0, 5584.0, 5354.0, 5435.0, 5669.0, 5672.0, 5527.0, 5643.0, 5676.0, 5543.0, 5558.0, 5662.0, 5324.0, 5550.0, 5294.0, 5397.0, 5551.0, 5516.0, 5476.0, 5582.0, 5265.0, 5481.0, 5626.0, 5517.0, 5547.0, 5288.0, 5365.0, 5462.0, 5355.0, 5382.0, 5291.0, 5683.0, 5284.0, 5713.0, 5456.0, 5330.0, 5437.0, 5349.0, 5256.0, 5302.0, 5519.0, 5445.0, 5561.0, 5374.0, 5377.0, 5538.0, 5611.0, 5612.0, 5360.0, 5396.0, 5496.0, 5447.0, 5255.0, 5721.0, 5301.0, 5444.0, 5660.0, 5688.0, 5588.0, 5697.0, 5395.0, 5708.0, 5468.0, 5493.0, 5525.0, 5574.0, 5508.0, 5471.0, 5259.0, 5410.0, 5275.0, 5254.0, 5685.0, 5602.0, 5309.0, 5451.0, 5419.0, 5705.0, 5607.0, 5702.0, 5720.0, 5338.0 (number of hits: 3)
10	5500	9	1	333	1	5539.0, 5674.0, 5327.0, 5309.0, 5420.0, 5336.0, 5576.0, 5563.0, 5351.0, 5314.0, 5406.0, 5700.0, 5443.0, 5370.0, 5297.0, 5637.0, 5425.0, 5416.0, 5670.0, 5564.0, 5629.0, 5526.0, 5459.0, 5537.0, 5578.0, 5286.0, 5650.0, 5499.0, 5288.0, 5366.0, 5587.0, 5382.0, 5354.0, 5340.0, 5600.0, 5626.0, 5318.0, 5573.0, 5724.0, 5302.0, 5565.0, 5422.0, 5594.0, 5532.0, 5462.0, 5627.0, 5621.0, 5296.0, 5666.0, 5447.0, 5378.0, 5531.0, 5384.0, 5524.0, 5313.0, 5488.0, 5615.0, 5380.0, 5601.0, 5512.0, 5463.0, 5673.0, 5266.0, 5427.0, 5605.0, 5290.0, 5483.0, 5429.0, 5289.0, 5586.0, 5312.0, 5320.0, 5339.0, 5436.0, 5525.0, 5322.0, 5708.0, 5635.0, 5458.0, 5612.0, 5360.0, 5681.0, 5451.0, 5691.0, 5491.0, 5715.0, 5694.0, 5454.0, 5275.0, 5639.0, 5270.0, 5685.0, 5282.0, 5263.0, 5687.0, 5391.0, 5562.0, 5720.0, 5393.0, 5507.0 (number of hits: 3)
11	5500	9	1	333	1	5687.0, 5404.0, 5671.0, 5388.0, 5417.0, 5626.0, 5464.0, 5383.0, 5490.0, 5642.0, 5488.0, 5640.0, 5470.0, 5307.0, 5402.0, 5287.0, 5448.0, 5398.0, 5666.0, 5265.0, 5261.0, 5472.0, 5463.0, 5337.0, 5638.0, 5371.0, 5438.0, 5348.0, 5678.0, 5331.0, 5427.0, 5283.0, 5347.0, 5344.0, 5416.0, 5494.0, 5693.0, 5269.0, 5534.0, 5634.0, 5527.0, 5594.0, 5364.0, 5358.0, 5519.0, 5270.0, 5696.0, 5445.0, 5663.0, 5419.0, 5392.0, 5484.0, 5301.0, 5637.0, 5495.0, 5619.0, 5586.0, 5336.0, 5712.0, 5461.0, 5311.0, 5349.0, 5449.0, 5387.0, 5318.0, 5409.0, 5502.0, 5700.0, 5718.0, 5630.0, 5432.0, 5374.0, 5708.0, 5667.0, 5339.0, 5690.0, 5627.0, 5536.0, 5560.0, 5577.0, 5584.0, 5607.0, 5532.0, 5587.0, 5325.0, 5675.0, 5455.0, 5487.0, 5342.0, 5418.0, 5528.0, 5290.0, 5278.0, 5345.0, 5386.0, 5615.0, 5512.0, 5266.0, 5703.0, 5653.0

						(number of hits: 4)
12	5500	9	1	333	0	/
13	5500	9	1	333	1	5693.0, 5685.0, 5450.0, 5593.0, 5545.0, 5278.0, 5401.0, 5556.0, 5291.0, 5715.0, 5656.0, 5350.0, 5594.0, 5429.0, 5509.0, 5608.0, 5334.0, 5252.0, 5675.0, 5571.0, 5676.0, 5674.0, 5518.0, 5515.0, 5526.0, 5298.0, 5702.0, 5398.0, 5251.0, 5381.0, 5317.0, 5686.0, 5692.0, 5529.0, 5359.0, 5323.0, 5387.0, 5603.0, 5438.0, 5279.0, 5285.0, 5666.0, 5613.0, 5471.0, 5454.0, 5320.0, 5408.0, 5428.0, 5521.0, 5413.0, 5462.0, 5711.0, 5640.0, 5420.0, 5349.0, 5318.0, 5663.0, 5652.0, 5580.0, 5255.0, 5540.0, 5587.0, 5576.0, 5559.0, 5315.0, 5504.0, 5362.0, 5592.0, 5565.0, 5409.0, 5367.0, 5563.0, 5700.0, 5269.0, 5342.0, 5406.0, 5717.0, 5284.0, 5478.0, 5572.0, 5616.0, 5365.0, 5514.0, 5272.0, 5619.0, 5363.0, 5673.0, 5331.0, 5286.0, 5304.0, 5456.0, 5523.0, 5579.0, 5378.0, 5527.0, 5289.0, 5492.0, 5490.0, 5352.0, 5500.0 (number of hits: 5)
14	5500	9	1	333	1	5573.0, 5707.0, 5612.0, 5407.0, 5526.0, 5701.0, 5565.0, 5712.0, 5311.0, 5417.0, 5277.0, 5636.0, 5560.0, 5314.0, 5447.0, 5635.0, 5607.0, 5637.0, 5507.0, 5252.0, 5421.0, 5724.0, 5554.0, 5477.0, 5309.0, 5545.0, 5664.0, 5543.0, 5638.0, 5379.0, 5598.0, 5572.0, 5460.0, 5452.0, 5542.0, 5501.0, 5548.0, 5596.0, 5683.0, 5381.0, 5490.0, 5275.0, 5561.0, 5449.0, 5293.0, 5553.0, 5544.0, 5410.0, 5330.0, 5291.0, 5374.0, 5415.0, 5493.0, 5334.0, 5481.0, 5592.0, 5676.0, 5400.0, 5672.0, 5321.0, 5297.0, 5343.0, 5547.0, 5535.0, 5714.0, 5375.0, 5395.0, 5446.0, 5390.0, 5303.0, 5405.0, 5698.0, 5347.0, 5689.0, 5326.0, 5256.0, 5687.0, 5654.0, 5398.0, 5486.0, 5660.0, 5413.0, 5392.0, 5443.0, 5610.0, 5364.0, 5577.0, 5474.0, 5480.0, 5590.0, 5696.0, 5376.0, 5566.0, 5623.0, 5627.0, 5479.0, 5600.0, 5257.0, 5595.0, 5662.0 (number of hits: 4)
15	5500	9	1	333	1	5290.0, 5360.0, 5351.0, 5334.0, 5643.0, 5669.0, 5401.0, 5343.0, 5660.0, 5407.0, 5597.0, 5328.0, 5686.0, 5661.0, 5659.0, 5506.0, 5454.0, 5386.0, 5569.0, 5555.0, 5701.0, 5393.0, 5314.0, 5584.0, 5276.0, 5681.0, 5436.0, 5647.0, 5650.0, 5354.0, 5408.0, 5577.0, 5379.0, 5711.0, 5377.0, 5301.0, 5412.0, 5531.0, 5627.0, 5541.0, 5571.0, 5477.0, 5657.0, 5371.0, 5320.0, 5538.0, 5443.0, 5709.0, 5272.0, 5313.0, 5645.0, 5648.0, 5492.0, 5570.0, 5274.0, 5706.0, 5588.0, 5495.0, 5662.0, 5455.0, 5694.0, 5607.0, 5484.0, 5323.0, 5440.0, 5253.0, 5411.0, 5257.0, 5702.0, 5396.0,

						5628.0, 5626.0, 5563.0, 5306.0, 5633.0, 5441.0, 5579.0, 5268.0, 5331.0, 5470.0, 5410.0, 5302.0, 5544.0, 5715.0, 5437.0, 5500.0, 5654.0, 5617.0, 5505.0, 5642.0, 5683.0, 5368.0, 5362.0, 5421.0, 5671.0, 5365.0, 5499.0, 5622.0, 5503.0, 5355.0 (number of hits: 7)
16	5500	9	1	333	1	5451.0, 5409.0, 5356.0, 5384.0, 5330.0, 5362.0, 5553.0, 5708.0, 5722.0, 5291.0, 5486.0, 5655.0, 5696.0, 5475.0, 5490.0, 5328.0, 5646.0, 5307.0, 5649.0, 5509.0, 5498.0, 5571.0, 5481.0, 5272.0, 5437.0, 5488.0, 5548.0, 5351.0, 5474.0, 5472.0, 5584.0, 5677.0, 5624.0, 5715.0, 5440.0, 5556.0, 5613.0, 5555.0, 5477.0, 5419.0, 5487.0, 5636.0, 5590.0, 5383.0, 5366.0, 5377.0, 5394.0, 5685.0, 5516.0, 5603.0, 5512.0, 5719.0, 5700.0, 5273.0, 5564.0, 5369.0, 5462.0, 5423.0, 5497.0, 5331.0, 5459.0, 5308.0, 5593.0, 5389.0, 5441.0, 5319.0, 5504.0, 5666.0, 5436.0, 5625.0, 5716.0, 5482.0, 5254.0, 5429.0, 5434.0, 5408.0, 5510.0, 5284.0, 5412.0, 5387.0, 5285.0, 5631.0, 5392.0, 5574.0, 5485.0, 5607.0, 5660.0, 5693.0, 5380.0, 5617.0, 5271.0, 5337.0, 5499.0, 5304.0, 5266.0, 5496.0, 5630.0, 5567.0, 5609.0, 5582.0 (number of hits: 7)
17	5500	9	1	333	1	5468.0, 5391.0, 5306.0, 5661.0, 5471.0, 5638.0, 5418.0, 5351.0, 5327.0, 5588.0, 5301.0, 5385.0, 5464.0, 5376.0, 5370.0, 5276.0, 5472.0, 5511.0, 5696.0, 5636.0, 5602.0, 5585.0, 5495.0, 5543.0, 5458.0, 5592.0, 5600.0, 5482.0, 5546.0, 5426.0, 5466.0, 5392.0, 5463.0, 5717.0, 5520.0, 5682.0, 5461.0, 5484.0, 5650.0, 5685.0, 5522.0, 5528.0, 5722.0, 5348.0, 5477.0, 5570.0, 5406.0, 5604.0, 5623.0, 5340.0, 5695.0, 5438.0, 5538.0, 5408.0, 5382.0, 5569.0, 5519.0, 5316.0, 5467.0, 5539.0, 5515.0, 5473.0, 5445.0, 5720.0, 5619.0, 5516.0, 5643.0, 5252.0, 5679.0, 5386.0, 5334.0, 5317.0, 5663.0, 5506.0, 5296.0, 5441.0, 5537.0, 5338.0, 5280.0, 5259.0, 5530.0, 5502.0, 5395.0, 5533.0, 5409.0, 5349.0, 5664.0, 5365.0, 5559.0, 5263.0, 5684.0, 5491.0, 5470.0, 5607.0, 5415.0, 5576.0, 5596.0, 5478.0, 5558.0, 5254.0 (number of hits: 4)
18	5500	9	1	333	0	/
19	5500	9	1	333	1	5331.0, 5537.0, 5305.0, 5440.0, 5316.0, 5365.0, 5419.0, 5523.0, 5443.0, 5677.0, 5287.0, 5597.0, 5643.0, 5292.0, 5380.0, 5335.0, 5617.0, 5345.0, 5415.0, 5515.0, 5388.0, 5421.0, 5566.0, 5360.0, 5550.0, 5253.0, 5718.0, 5400.0, 5342.0, 5533.0, 5612.0, 5377.0, 5387.0, 5482.0, 5620.0, 5340.0, 5508.0, 5425.0, 5621.0, 5506.0, 5291.0, 5534.0, 5416.0, 5659.0, 5543.0,

						5494.0, 5405.0, 5300.0, 5456.0, 5341.0, 5629.0, 5581.0, 5435.0, 5567.0, 5356.0, 5252.0, 5554.0, 5268.0, 5492.0, 5493.0, 5476.0, 5696.0, 5651.0, 5306.0, 5509.0, 5285.0, 5299.0, 5429.0, 5720.0, 5434.0, 5536.0, 5437.0, 5628.0, 5332.0, 5308.0, 5343.0, 5710.0, 5703.0, 5584.0, 5453.0, 5459.0, 5263.0, 5504.0, 5282.0, 5507.0, 5348.0, 5286.0, 5432.0, 5497.0, 5660.0, 5396.0, 5431.0, 5465.0, 5324.0, 5695.0, 5333.0, 5352.0, 5272.0, 5461.0, 5366.0 (number of hits: 9)
20	5500	9	1	333	1	5683.0, 5576.0, 5591.0, 5280.0, 5704.0, 5648.0, 5352.0, 5269.0, 5631.0, 5275.0, 5290.0, 5652.0, 5314.0, 5698.0, 5367.0, 5346.0, 5270.0, 5306.0, 5488.0, 5682.0, 5483.0, 5299.0, 5651.0, 5471.0, 5316.0, 5689.0, 5720.0, 5256.0, 5602.0, 5351.0, 5387.0, 5375.0, 5440.0, 5304.0, 5326.0, 5659.0, 5477.0, 5345.0, 5342.0, 5397.0, 5361.0, 5464.0, 5600.0, 5454.0, 5289.0, 5258.0, 5348.0, 5538.0, 5291.0, 5374.0, 5486.0, 5640.0, 5432.0, 5690.0, 5539.0, 5465.0, 5325.0, 5445.0, 5653.0, 5478.0, 5558.0, 5419.0, 5572.0, 5444.0, 5262.0, 5313.0, 5713.0, 5428.0, 5642.0, 5457.0, 5535.0, 5569.0, 5302.0, 5639.0, 5705.0, 5450.0, 5363.0, 5340.0, 5564.0, 5281.0, 5625.0, 5544.0, 5395.0, 5523.0, 5588.0, 5671.0, 5553.0, 5692.0, 5410.0, 5328.0, 5284.0, 5590.0, 5506.0, 5505.0, 5337.0, 5381.0, 5412.0, 5489.0, 5556.0, 5672.0 (number of hits: 2)
21	5500	9	1	333	1	5301.0, 5508.0, 5555.0, 5586.0, 5288.0, 5360.0, 5641.0, 5281.0, 5420.0, 5599.0, 5444.0, 5556.0, 5707.0, 5346.0, 5295.0, 5325.0, 5581.0, 5622.0, 5351.0, 5430.0, 5333.0, 5504.0, 5524.0, 5690.0, 5337.0, 5597.0, 5322.0, 5627.0, 5284.0, 5676.0, 5642.0, 5605.0, 5562.0, 5306.0, 5398.0, 5532.0, 5685.0, 5283.0, 5413.0, 5618.0, 5509.0, 5543.0, 5260.0, 5527.0, 5662.0, 5571.0, 5541.0, 5666.0, 5363.0, 5436.0, 5290.0, 5471.0, 5550.0, 5624.0, 5709.0, 5397.0, 5674.0, 5628.0, 5587.0, 5348.0, 5407.0, 5350.0, 5704.0, 5600.0, 5316.0, 5723.0, 5512.0, 5311.0, 5256.0, 5712.0, 5645.0, 5658.0, 5717.0, 5456.0, 5623.0, 5652.0, 5492.0, 5528.0, 5673.0, 5328.0, 5580.0, 5251.0, 5285.0, 5335.0, 5610.0, 5657.0, 5277.0, 5589.0, 5426.0, 5621.0, 5526.0, 5551.0, 5665.0, 5468.0, 5547.0, 5513.0, 5439.0, 5561.0, 5507.0, 5671.0 (number of hits: 5)
22	5500	9	1	333	1	5648.0, 5450.0, 5337.0, 5623.0, 5629.0, 5486.0, 5607.0, 5634.0, 5520.0, 5627.0, 5713.0, 5560.0, 5318.0, 5724.0, 5385.0, 5463.0, 5564.0, 5255.0, 5685.0, 5405.0, 5469.0, 5317.0, 5386.0, 5477.0, 5446.0,

						5364.0, 5276.0, 5283.0, 5301.0, 5357.0, 5266.0, 5639.0, 5285.0, 5382.0, 5290.0, 5308.0, 5251.0, 5606.0, 5622.0, 5708.0, 5689.0, 5424.0, 5261.0, 5545.0, 5384.0, 5715.0, 5672.0, 5432.0, 5710.0, 5487.0, 5281.0, 5272.0, 5326.0, 5479.0, 5512.0, 5488.0, 5686.0, 5341.0, 5379.0, 5568.0, 5613.0, 5693.0, 5296.0, 5302.0, 5534.0, 5455.0, 5368.0, 5576.0, 5254.0, 5356.0, 5350.0, 5500.0, 5286.0, 5700.0, 5625.0, 5637.0, 5676.0, 5426.0, 5484.0, 5489.0, 5550.0, 5687.0, 5701.0, 5358.0, 5624.0, 5711.0, 5630.0, 5600.0, 5462.0, 5409.0, 5678.0, 5327.0, 5602.0, 5270.0, 5674.0, 5425.0, 5349.0, 5567.0, 5590.0, 5311.0 (number of hits: 1)
23	5500	9	1	333	1	5461.0, 5343.0, 5668.0, 5517.0, 5362.0, 5312.0, 5647.0, 5523.0, 5370.0, 5503.0, 5553.0, 5518.0, 5459.0, 5680.0, 5555.0, 5591.0, 5495.0, 5496.0, 5366.0, 5539.0, 5372.0, 5513.0, 5570.0, 5396.0, 5276.0, 5565.0, 5351.0, 5662.0, 5643.0, 5665.0, 5411.0, 5716.0, 5421.0, 5294.0, 5338.0, 5346.0, 5631.0, 5342.0, 5257.0, 5369.0, 5384.0, 5418.0, 5349.0, 5383.0, 5652.0, 5484.0, 5707.0, 5430.0, 5308.0, 5382.0, 5534.0, 5594.0, 5412.0, 5274.0, 5268.0, 5475.0, 5285.0, 5302.0, 5582.0, 5466.0, 5470.0, 5628.0, 5507.0, 5572.0, 5705.0, 5610.0, 5715.0, 5584.0, 5663.0, 5363.0, 5576.0, 5524.0, 5313.0, 5275.0, 5435.0, 5611.0, 5428.0, 5535.0, 5305.0, 5574.0, 5525.0, 5492.0, 5291.0, 5620.0, 5290.0, 5287.0, 5548.0, 5357.0, 5402.0, 5301.0, 5678.0, 5499.0, 5279.0, 5419.0, 5254.0, 5622.0, 5444.0, 5300.0, 5615.0, 5562.0 (number of hits: 6)
24	5500	9	1	333	1	5641.0, 5566.0, 5524.0, 5402.0, 5687.0, 5276.0, 5292.0, 5667.0, 5407.0, 5432.0, 5576.0, 5537.0, 5266.0, 5352.0, 5555.0, 5534.0, 5681.0, 5531.0, 5659.0, 5658.0, 5341.0, 5482.0, 5463.0, 5719.0, 5430.0, 5336.0, 5307.0, 5489.0, 5274.0, 5288.0, 5642.0, 5562.0, 5422.0, 5594.0, 5718.0, 5705.0, 5707.0, 5481.0, 5386.0, 5317.0, 5289.0, 5702.0, 5250.0, 5518.0, 5529.0, 5355.0, 5709.0, 5527.0, 5639.0, 5615.0, 5427.0, 5643.0, 5675.0, 5703.0, 5316.0, 5624.0, 5258.0, 5544.0, 5520.0, 5638.0, 5393.0, 5311.0, 5322.0, 5588.0, 5632.0, 5265.0, 5611.0, 5490.0, 5309.0, 5721.0, 5506.0, 5559.0, 5443.0, 5346.0, 5688.0, 5704.0, 5614.0, 5423.0, 5388.0, 5715.0, 5561.0, 5479.0, 5503.0, 5349.0, 5690.0, 5542.0, 5287.0, 5514.0, 5558.0, 5504.0, 5351.0, 5713.0, 5583.0, 5465.0, 5627.0, 5370.0, 5462.0, 5327.0, 5525.0, 5293.0 (number of hits: 4)
25	5500	9	1	333	1	5380.0, 5489.0, 5496.0, 5260.0, 5599.0,

						5551.0, 5513.0, 5675.0, 5705.0, 5634.0, 5487.0, 5542.0, 5261.0, 5422.0, 5343.0, 5391.0, 5655.0, 5653.0, 5394.0, 5384.0, 5259.0, 5325.0, 5539.0, 5701.0, 5591.0, 5572.0, 5472.0, 5379.0, 5287.0, 5619.0, 5526.0, 5554.0, 5322.0, 5494.0, 5382.0, 5370.0, 5498.0, 5280.0, 5446.0, 5708.0, 5341.0, 5648.0, 5696.0, 5712.0, 5652.0, 5491.0, 5354.0, 5433.0, 5670.0, 5589.0, 5688.0, 5566.0, 5282.0, 5275.0, 5659.0, 5647.0, 5579.0, 5509.0, 5577.0, 5608.0, 5690.0, 5515.0, 5326.0, 5654.0, 5552.0, 5588.0, 5390.0, 5470.0, 5497.0, 5703.0, 5506.0, 5398.0, 5502.0, 5295.0, 5462.0, 5629.0, 5329.0, 5640.0, 5387.0, 5559.0, 5405.0, 5520.0, 5661.0, 5493.0, 5402.0, 5435.0, 5301.0, 5425.0, 5328.0, 5451.0, 5346.0, 5582.0, 5545.0, 5475.0, 5399.0, 5315.0, 5598.0, 5262.0, 5630.0, 5584.0 (number of hits: 9)
26	5500	9	1	333	1	5264.0, 5696.0, 5359.0, 5338.0, 5595.0, 5533.0, 5565.0, 5458.0, 5486.0, 5541.0, 5606.0, 5514.0, 5684.0, 5310.0, 5259.0, 5251.0, 5470.0, 5700.0, 5289.0, 5330.0, 5417.0, 5577.0, 5702.0, 5333.0, 5581.0, 5473.0, 5495.0, 5327.0, 5487.0, 5418.0, 5523.0, 5517.0, 5662.0, 5401.0, 5270.0, 5615.0, 5540.0, 5494.0, 5688.0, 5705.0, 5253.0, 5634.0, 5266.0, 5598.0, 5706.0, 5719.0, 5278.0, 5591.0, 5424.0, 5715.0, 5261.0, 5272.0, 5315.0, 5687.0, 5439.0, 5616.0, 5718.0, 5408.0, 5629.0, 5619.0, 5504.0, 5374.0, 5392.0, 5554.0, 5346.0, 5632.0, 5397.0, 5607.0, 5377.0, 5301.0, 5603.0, 5305.0, 5476.0, 5428.0, 5698.0, 5479.0, 5501.0, 5366.0, 5552.0, 5680.0, 5321.0, 5539.0, 5443.0, 5355.0, 5685.0, 5395.0, 5303.0, 5343.0, 5420.0, 5672.0, 5358.0, 5674.0, 5686.0, 5434.0, 5709.0, 5560.0, 5630.0, 5711.0, 5436.0, 5633.0 (number of hits: 4)
27	5500	9	1	333	1	5337.0, 5414.0, 5646.0, 5311.0, 5658.0, 5674.0, 5653.0, 5632.0, 5546.0, 5718.0, 5315.0, 5360.0, 5306.0, 5437.0, 5289.0, 5354.0, 5621.0, 5622.0, 5258.0, 5286.0, 5253.0, 5643.0, 5335.0, 5700.0, 5314.0, 5297.0, 5328.0, 5470.0, 5344.0, 5419.0, 5426.0, 5361.0, 5682.0, 5553.0, 5288.0, 5504.0, 5365.0, 5459.0, 5703.0, 5486.0, 5312.0, 5577.0, 5264.0, 5403.0, 5524.0, 5468.0, 5291.0, 5557.0, 5723.0, 5647.0, 5620.0, 5406.0, 5475.0, 5446.0, 5525.0, 5388.0, 5445.0, 5507.0, 5565.0, 5380.0, 5534.0, 5543.0, 5706.0, 5539.0, 5618.0, 5483.0, 5275.0, 5590.0, 5627.0, 5501.0, 5668.0, 5671.0, 5424.0, 5464.0, 5305.0, 5300.0, 5298.0, 5293.0, 5528.0, 5611.0, 5436.0, 5301.0, 5269.0, 5644.0, 5251.0, 5520.0, 5593.0, 5578.0, 5517.0, 5563.0,

						5589.0, 5659.0, 5567.0, 5512.0, 5418.0, 5594.0, 5651.0, 5574.0, 5400.0, 5393.0 (number of hits: 3)
28	5500	9	1	333	1	5585.0, 5329.0, 5612.0, 5308.0, 5259.0, 5377.0, 5351.0, 5480.0, 5622.0, 5554.0, 5437.0, 5686.0, 5277.0, 5504.0, 5543.0, 5521.0, 5631.0, 5721.0, 5701.0, 5564.0, 5652.0, 5530.0, 5503.0, 5454.0, 5669.0, 5619.0, 5682.0, 5255.0, 5376.0, 5639.0, 5339.0, 5691.0, 5291.0, 5445.0, 5380.0, 5279.0, 5438.0, 5568.0, 5391.0, 5557.0, 5388.0, 5688.0, 5706.0, 5676.0, 5679.0, 5334.0, 5535.0, 5371.0, 5624.0, 5476.0, 5460.0, 5479.0, 5690.0, 5574.0, 5642.0, 5313.0, 5414.0, 5420.0, 5258.0, 5599.0, 5348.0, 5303.0, 5640.0, 5584.0, 5483.0, 5328.0, 5670.0, 5558.0, 5632.0, 5502.0, 5674.0, 5413.0, 5312.0, 5610.0, 5268.0, 5655.0, 5611.0, 5601.0, 5435.0, 5570.0, 5289.0, 5617.0, 5713.0, 5290.0, 5685.0, 5287.0, 5421.0, 5358.0, 5403.0, 5343.0, 5717.0, 5373.0, 5426.0, 5333.0, 5326.0, 5487.0, 5689.0, 5695.0, 5271.0, 5712.0 (number of hits: 3)
29	5500	9	1	333	1	5656.0, 5485.0, 5698.0, 5613.0, 5667.0, 5680.0, 5603.0, 5357.0, 5498.0, 5257.0, 5333.0, 5365.0, 5480.0, 5267.0, 5561.0, 5477.0, 5712.0, 5430.0, 5492.0, 5648.0, 5530.0, 5299.0, 5643.0, 5295.0, 5721.0, 5411.0, 5580.0, 5703.0, 5260.0, 5700.0, 5471.0, 5600.0, 5587.0, 5461.0, 5635.0, 5456.0, 5425.0, 5271.0, 5315.0, 5311.0, 5338.0, 5463.0, 5489.0, 5426.0, 5677.0, 5391.0, 5506.0, 5543.0, 5352.0, 5370.0, 5460.0, 5539.0, 5616.0, 5649.0, 5532.0, 5592.0, 5270.0, 5301.0, 5406.0, 5428.0, 5612.0, 5602.0, 5307.0, 5313.0, 5312.0, 5328.0, 5410.0, 5711.0, 5593.0, 5622.0, 5713.0, 5403.0, 5707.0, 5368.0, 5508.0, 5533.0, 5634.0, 5609.0, 5269.0, 5546.0, 5682.0, 5343.0, 5574.0, 5678.0, 5501.0, 5385.0, 5362.0, 5569.0, 5676.0, 5407.0, 5255.0, 5306.0, 5293.0, 5588.0, 5374.0, 5355.0, 5511.0, 5669.0, 5466.0, 5507.0 (number of hits: 6)
30	5500	9	1	333	1	5535.0, 5514.0, 5574.0, 5255.0, 5556.0, 5274.0, 5595.0, 5697.0, 5696.0, 5474.0, 5523.0, 5605.0, 5660.0, 5294.0, 5289.0, 5456.0, 5578.0, 5287.0, 5601.0, 5649.0, 5621.0, 5687.0, 5641.0, 5312.0, 5426.0, 5618.0, 5321.0, 5565.0, 5593.0, 5460.0, 5637.0, 5459.0, 5492.0, 5463.0, 5673.0, 5276.0, 5319.0, 5629.0, 5371.0, 5487.0, 5316.0, 5433.0, 5545.0, 5486.0, 5311.0, 5510.0, 5620.0, 5530.0, 5482.0, 5657.0, 5628.0, 5589.0, 5626.0, 5544.0, 5720.0, 5501.0, 5322.0, 5587.0, 5341.0, 5412.0, 5625.0, 5699.0, 5600.0, 5259.0, 5547.0, 5418.0, 5272.0, 5447.0, 5468.0, 5429.0,

						5250.0, 5684.0, 5436.0, 5700.0, 5686.0, 5714.0, 5408.0, 5432.0, 5340.0, 5563.0, 5498.0, 5263.0, 5320.0, 5561.0, 5256.0, 5635.0, 5634.0, 5467.0, 5271.0, 5543.0, 5291.0, 5638.0, 5525.0, 5307.0, 5295.0, 5577.0, 5257.0, 5709.0, 5669.0, 5364.0 (number of hits: 3)

40MHz

Radar SignalType	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A	15	86.7	60	pass
Type 1B	15	93.3	60	pass
Type 2	30	93.3	60	Pass
Type 3	30	96.7	60	Pass
Type 4	30	93.3	60	Pass
Aggregate (Radar Types 1-4)	120	93.3	80	Pass
Type 5	30	96.7	80	Pass
Type 6	30	93.3	70	Pass

Please refer to the following statistical tables:

5510MHz

Radar Type 1A Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5510	70	1	758	1
2	5510	59	1	898	1
3	5510	68	1	778	1
4	5510	81	1	658	1
5	5510	65	1	818	1
6	5510	58	1	918	1
7	5510	86	1	618	1
8	5510	67	1	798	0
9	5510	102	1	518	1
10	5510	76	1	698	0
11	5510	63	1	838	1
12	5510	62	1	858	1
13	5510	72	1	738	1
14	5510	78	1	678	1
15	5510	92	1	578	1
Detection Percentage:86.7 % (>60%)					

Radar Type 1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5510	26	1	2051	1
2	5510	64	1	830	1
3	5510	26	1	2109	1
4	5510	27	1	1998	1
5	5510	22	1	2459	1
6	5510	74	1	721	1
7	5510	19	1	2824	1
8	5510	19	1	2835	1
9	5510	26	1	2085	0
10	5510	66	1	802	1
11	5510	22	1	2427	1
12	5510	22	1	2408	1
13	5510	30	1	1774	1
14	5510	40	1	1333	1
15	5510	22	1	2499	1
Detection Percentage: 93.3 % (>60%)					

Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5510	25	2.4	202	0
2	5510	25	4.3	196	1
3	5510	25	2.7	177	1
4	5510	28	1.7	202	1
5	5510	27	3.2	210	1
6	5510	29	4.6	173	1
7	5510	24	4.2	181	1
8	5510	25	5	229	1
9	5510	24	1.7	184	1
10	5510	24	1.3	162	1
11	5510	29	2	168	1
12	5510	27	2.6	189	1
13	5510	23	1.6	155	1
14	5510	23	4.2	196	0
15	5510	24	1.1	165	1
16	5510	23	2.1	176	1
17	5510	23	4.7	214	1
18	5510	25	4.5	180	1
19	5510	27	2.4	212	1
20	5510	26	5	182	1
21	5510	25	1.6	221	1
22	5510	25	3.8	182	1
23	5510	26	2.4	193	1
24	5510	25	3.4	172	1
25	5510	29	2.6	229	1
26	5510	26	2.7	168	1
27	5510	25	4.2	168	1
28	5510	28	1.9	215	1
29	5510	29	4.6	174	1
30	5510	26	4	197	1
Detection Percentage: 93.3 % (>60%)					

Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5510	17	8.9	447	1
2	5510	17	8	219	1
3	5510	16	9.4	349	1
4	5510	16	9.3	383	1
5	5510	16	7.6	262	1
6	5510	17	7.6	258	1
7	5510	16	6.4	440	1
8	5510	17	6.5	456	1
9	5510	17	8.4	470	1
10	5510	17	7	222	1
11	5510	18	6.8	378	1
12	5510	18	8.1	426	1
13	5510	17	9.1	404	1
14	5510	17	9.6	257	1
15	5510	18	8	414	1
16	5510	18	7.4	427	1
17	5510	17	6.2	211	1
18	5510	16	6.6	434	1
19	5510	18	7.5	453	1
20	5510	18	7.3	280	1
21	5510	17	6.1	257	1
22	5510	18	9.8	410	1
23	5510	16	9	388	1
24	5510	16	10	497	1
25	5510	17	6.6	353	1
26	5510	16	7.2	286	1
27	5510	17	10	398	0
28	5510	17	6.7	336	1
29	5510	18	6.6	469	1
30	5510	18	8.3	349	1
Detection Percentage: 96.7% (>60%)					

Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5510	15	18.5	273	1
2	5510	12	19.4	482	1
3	5510	12	18.9	435	1
4	5510	15	19.4	301	1
5	5510	13	11.2	258	1
6	5510	13	17.2	235	1
7	5510	15	18.3	201	1
8	5510	13	12	373	1
9	5510	14	19.3	429	1
10	5510	13	16.3	488	1
11	5510	15	11.5	260	0
12	5510	16	16.5	222	0
13	5510	12	18.9	278	1
14	5510	16	12.9	274	1
15	5510	15	14.3	230	1
16	5510	13	18.1	356	1
17	5510	16	13.1	426	1
18	5510	15	15.6	390	1
19	5510	13	15.8	449	1
20	5510	12	18.5	467	1
21	5510	12	19.4	498	1
22	5510	13	11.3	245	1
23	5510	15	16.5	436	1
24	5510	14	14.6	496	1
25	5510	13	12.8	485	1
26	5510	14	18.3	448	1
27	5510	14	13.4	493	1
28	5510	16	14.5	401	1
29	5510	16	18.2	330	1
30	5510	12	17.6	470	1
Detection Percentage: 93.3 % (>60%)					

Radar Type 5 Case 1 Statistical Performance

Statistics 1 (ChirpCenter Frequency: 5510.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	9	99.9			0.097582	
1	2	9	52.6	1060		1.557658	
2	2	9	61.7	1497		3.017636	
3	2	9	99.9	1055		3.539993	
4	1	9	68.1			5.1989	
5	2	9	63	1499		5.864683	1
6	2	9	95.9	1455		7.300246	
7	2	9	92.4	1401		8.036518	
8	3	9	71	1652	1415	9.100888	
9	2	9	65.4	1329		10.866993	
10	3	9	95	1155	1048	11.010075	

Statistics 2 (ChirpCenter Frequency: 5510.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	14	77.5	1806	1058	0.027577	
1	1	14	87.7			1.090002	
2	3	14	83.2	1478	1373	2.549157	
3	3	14	80.7	1697	1620	3.22017	
4	3	14	73.9	1220	1296	3.871082	
5	2	14	84	1457		4.7706	
6	3	14	84.8	1431	1733	5.823558	
7	1	14	83.3			6.784188	1
8	2	14	97.5	1780		6.967981	
9	3	14	51.8	1694	1811	8.264716	
10	2	14	78.9	1603		8.676588	
11	3	14	64.3	1787	1537	10.085311	
12	1	14	85.7			10.398297	
13	1	14	59.5			11.648492	

Statistics 3 (ChirpCenter Frequency: 5510.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	11	63.2	1154		0.689159	
1	3	11	83.4	1093	1896	1.023836	
2	2	11	50.4	1953		1.611399	
3	2	11	97.4	1588		2.514767	
4	1	11	58.3			3.122494	
5	1	11	78.2			3.679965	
6	2	11	92.4	1418		4.412369	
7	2	11	60.4	1337		4.971829	
8	1	11	70			5.881026	1
9	2	11	60.6	1994		6.974998	
10	3	11	63.7	1806	1464	7.599058	
11	1	11	80.1			8.373997	
12	2	11	70.1	1392		8.872441	
13	3	11	95.6	1974	1734	9.55944	
14	2	11	88.5	1061		10.522493	
15	2	11	51	1567		11.114738	
16	3	11	88.4	1109	1508	11.519303	

Statistics 4 (ChirpCenter Frequency: 5510.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	11	67.7	1811		0.310521	
1	3	11	88.8	1245	1681	1.46137	
2	3	11	99.7	1289	1356	2.442783	
3	1	11	98.3			3.417137	
4	1	11	57.2			4.393306	
5	2	11	99.2	1015		4.965076	
6	2	11	84.1	1924		6.421931	1
7	2	11	61	1185		6.522295	
8	1	11	63.9			7.482684	
9	2	11	62.4	1101		8.435011	
10	2	11	83.4	1056		9.812149	
11	3	11	83.2	1314	1078	10.561259	
12	2	11	93.1	1616		11.873676	

Statistics 5(ChirpCenter Frequency: 5510.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	11	62.5	1718	1592	0.850705	
1	2	11	73.4	1135		1.290612	
2	1	11	63.5			2.027531	
3	3	11	57.4	1719	1147	2.848104	
4	3	11	83.2	1564	1125	4.418987	
5	3	11	56.3	1022	1076	5.454227	
6	2	11	96.5	1060		5.625509	1
7	2	11	88.7	1600		7.351612	
8	1	11	51.7			7.395675	
9	2	11	74.7	1934		9.158475	
10	3	11	87.6	1539	1138	9.336234	
11	2	11	94.5	1834		10.660681	
12	2	11	75.9	1795		11.963489	

Statistics 6 (ChirpCenter Frequency: 5510.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	13	84.7	1870		0.445984	
1	2	13	94.1	1047		0.808803	
2	1	13	53.6			2.142852	
3	2	13	88.1	1958		2.681857	
4	2	13	83.9	1133		3.757289	
5	2	13	97.6	1209		4.429568	
6	1	13	99.9			4.94319	
7	2	13	84.2	1491		6.134995	1
8	2	13	57.6	1085		7.180229	
9	3	13	54.2	1104	1905	7.317636	
10	2	13	67.9	1223		8.052334	
11	1	13	88.7			9.31723	
12	3	13	64.1	1888	1515	10.098435	
13	2	13	68.1	1826		10.553144	
14	3	13	58.5	1095	1469	11.657521	

Statistics 7(ChirpCenter Frequency: 5510.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	11	71.9	1754	1832	0.631613	
1	3	11	59.3	1503	1863	1.249564	
2	2	11	61	1603		1.5277	
3	2	11	82.8	1163		2.359398	
4	2	11	72.2	1046		3.302562	
5	1	11	52.1			4.185422	
6	2	11	96.1	1362		4.281884	
7	1	11	87.9			5.104547	
8	3	11	90.1	1489	1461	5.921409	1
9	2	11	71.2	1679		6.844121	
10	1	11	56.9			7.403376	
11	3	11	80.8	1213	1267	8.326935	
12	2	11	73.3	1685		8.92658	
13	2	11	86.9	1544		9.852165	
14	3	11	61.3	1814	1645	10.18403	
15	2	11	56.8	1293		10.928981	
16	2	11	61.8	1061		11.36124	

Statistics 8 (ChirpCenter Frequency: 5510.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	8	74.4	1781		0.65539	
1	2	8	65	1765		1.750958	
2	1	8	59.1			2.665565	
3	1	8	61			4.7132	
4	2	8	63.5	1946		5.78947	
5	2	8	56.4	1007		7.040363	1
6	1	8	51.4			7.588064	
7	3	8	55.5	1908	1239	9.296413	
8	2	8	87.2	1664		9.772655	
9	3	8	62.1	1977	1143	11.865396	

Statistics 9 (ChirpCenter Frequency: 5510.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	11	91.8	1171		0.46836	
1	1	11	82.7			1.799586	
2	3	11	54.8	1959	1550	2.675226	
3	2	11	89.8	1391		3.427847	
4	2	11	83.8	1264		4.422556	
5	2	11	55.1	1512		5.51581	
6	3	11	65.1	1998	1038	5.873561	1
7	2	11	72.5	1958		6.966608	
8	2	11	57.4	1165		7.50544	
9	2	11	98.6	1741		8.659733	
10	1	11	85.5			9.894069	
11	2	11	63.2	1241		11.04693	
12	2	11	94.2	1255		11.746454	

Statistics 10 (ChirpCenter Frequency: 5310.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	7	72.8	1322	1596	0.607377	
1	3	7	61.6	1445	1938	1.229492	
2	1	7	86.5			1.426318	
3	2	7	95.6	1180		2.046532	
4	3	7	84.6	1767	1833	2.813883	
5	1	7	67.5			3.654326	
6	1	7	93.6			4.070662	
7	1	7	84.2			4.853131	
8	3	7	90.8	1252	1374	5.668185	
9	3	7	95.4	1417	1662	5.860566	1
10	2	7	88.5	1260		6.895312	
11	1	7	60			7.168897	
12	2	7	71.9	1215		7.914483	
13	1	7	86.4			8.705484	
14	1	7	94.6			9.398536	
15	2	7	78.7	1078		9.787105	
16	2	7	95.1	1401		10.415973	
17	1	7	82.4			11.108332	
18	2	7	87	1309		11.621381	

Radar Type 5 Case 2 Statistical Performance

Statistics 1 (ChirpCenter Frequency: 5493.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	8	78.3	1059		0.30958	
1	1	8	57.1			1.08675	
2	2	8	53.5	1676		1.527907	
3	2	8	51.8	1792		2.44893	
4	1	8	84			2.659831	
5	3	8	84.6	1396	1896	3.696758	
6	2	8	78.6	1030		4.007454	
7	2	8	82.1	1359		4.630459	
8	1	8	98.3			5.358418	
9	2	8	58.3	1799		5.92341	1
10	1	8	57.6			6.416851	
11	3	8	79.2	1783	1641	7.506641	
12	3	8	84.4	1209	1363	7.994915	
13	3	8	93	1987	1818	8.383425	
14	2	8	58.4	1294		9.31931	
15	2	8	78.1	1822		10.100035	
16	3	8	58.1	1643	1350	10.383552	
17	3	8	77.2	1167	1590	11.073412	
18	2	8	52	1861		11.64534	

Statistics 2 (ChirpCenter Frequency: 5492.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	6	74.5	1732	1702	0.198168	
1	3	6	76.3	1771	1954	1.158681	
2	2	6	72.5	1860		1.81442	
3	2	6	58.9	1522		2.544314	
4	2	6	64.1	1778		3.243133	
5	1	6	90.7			3.375896	
6	1	6	64.9			4.207482	
7	2	6	69.4	1700		4.67554	
8	3	6	90.7	1220	1442	5.992127	
9	2	6	83.4	1986		6.280664	1
10	1	6	86.6			6.708943	
11	1	6	69.1			7.93918	
12	2	6	91	1023		8.155346	
13	1	6	61.1			9.098144	
14	1	6	72.7			9.738739	
15	3	6	71	1573	1994	10.076834	
16	2	6	75.5	1020		10.794213	
17	3	6	84.8	1800	1392	11.932236	

Statistics 3 (ChirpCenter Frequency: 5495.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	12	85.2	1207		0.037603	
1	3	12	97	1271	1202	1.240504	
2	3	12	69.5	1317	1020	1.449229	
3	2	12	62.8	1080		2.595502	
4	2	12	50.3	1232		2.83525	
5	3	12	87.7	1537	1594	3.922836	
6	3	12	56.9	1483	1064	4.473371	
7	1	12	82			5.309781	
8	3	12	78.5	1429	1084	6.289773	1
9	2	12	51.1	1461		6.875824	
10	1	12	72.5			7.27533	
11	3	12	74.9	1757	1974	8.170931	
12	1	12	60.3			8.642594	
13	1	12	98.4			9.445541	
14	1	12	51.6			10.088699	
15	2	12	58.3	1655		10.655911	
16	1	12	77.9			11.848506	

Statistics 4 (ChirpCenter Frequency: 5497.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	17	90	1125		0.259337	
1	2	17	96.8	1317		1.790387	
2	3	17	75.1	1445	1684	2.185518	
3	2	17	54.6	1878		3.40881	
4	2	17	76.3	1923		4.337656	
5	2	17	59.2	1238		4.95879	
6	2	17	51.1	1030		6.374007	0
7	2	17	55.8	1428		6.577346	
8	3	17	52.8	1017	1094	7.577532	
9	2	17	80.1	1934		9.008763	
10	2	17	52.1	1842		9.380536	
11	1	17	86.2			10.173611	
12	2	17	90.5	1063		11.39285	

Statistics 5 (ChirpCenter Frequency: 5492.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	6	85.5	1334		0.871293	
1	2	6	57.3	1754		1.56035	
2	2	6	65.5	1220		2.651113	
3	3	6	56.6	1583	1686	2.897637	
4	3	6	63.1	1077	1704	4.165253	
5	3	6	90.8	1881	1434	5.306776	
6	2	6	66.3	1799		5.844219	1
7	2	6	64.6	1426		6.743171	
8	2	6	75.4	1337		8.111267	
9	1	6	60.1			8.534786	
10	1	6	53.1			9.830177	
11	1	6	86.5			10.644779	
12	2	6	76.2	1272		11.488178	

Statistics 6 (ChirpCenter Frequency: 5497.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	18	95.4	1605		0.355786	
1	3	18	91	1974	1142	1.300254	
2	1	18	56.8			1.967746	
3	2	18	67.6	1861		2.546404	
4	1	18	63.4			3.503763	
5	2	18	69.8	1138		3.820257	
6	3	18	72.4	1399	1708	4.456926	
7	1	18	97.4			5.350839	
8	2	18	68.3	1148		5.99492	1
9	2	18	63.8	1206		6.851158	
10	2	18	93.3	1457		7.16608	
11	1	18	99.9			8.039533	
12	3	18	61.5	1035	1815	8.607331	
13	3	18	57.6	1456	1174	9.801767	
14	1	18	67.8			10.045835	
15	1	18	66.6			10.78495	
16	1	18	85.4			11.607549	

Statistics 7 (ChirpCenter Frequency: 5498.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(uS)	Pulse 2-3 spacing(uS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	19	67.8			0.065063	
1	3	19	87.4	1011	1486	1.284469	
2	2	19	97.9	1298		1.909302	
3	2	19	52.5	1950		2.742732	
4	2	19	55.4	1722		3.927256	
5	2	19	90	1787		4.080318	
6	1	19	51.1			5.482604	
7	2	19	89.7	1115		5.632043	1
8	3	19	93.2	1660	1340	6.548347	
9	2	19	52.3	1572		7.924984	
10	3	19	78.2	1981	1296	8.645429	
11	3	19	50.2	1220	1084	9.349301	
12	2	19	60.4	1032		10.070692	
13	1	19	85.7			10.561916	
14	2	19	50.2	1112		11.541629	

Statistics 8 (ChirpCenter Frequency: 5496.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	14	76.8	1964		0.614141	
1	3	14	80.8	1932	1042	1.22833	
2	2	14	73.6	1927		2.703962	
3	3	14	50.4	1790	1946	3.0344	
4	3	14	50.9	1162	1871	4.537977	
5	3	14	83.3	1841	1324	4.659132	
6	3	14	53.6	1945	1870	6.037887	1
7	1	14	82.5			6.935311	
8	3	14	90.4	1786	1317	8.030882	
9	2	14	90.9	1042		8.678573	
10	2	14	98.2	1867		10.105843	
11	3	14	99.6	1151	1819	10.231415	
12	2	14	54.1	1506		11.29641	

Statistics 9 (ChirpCenter Frequency: 5494.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	9	63.1			0.162857	
1	2	9	74.4	1177		1.181134	
2	1	9	90.2			1.532185	
3	3	9	75.6	1196	1959	2.347102	
4	1	9	89.2			2.616285	
5	1	9	50.5			3.525262	
6	1	9	57.5			3.983185	
7	3	9	53.1	1515	1526	4.481943	
8	2	9	75	1329		5.171255	
9	1	9	58.9			6.060927	1
10	1	9	80			6.492397	
11	2	9	55.5	1437		7.21531	
12	2	9	97.8	1238		7.697204	
13	2	9	74.6	1148		8.672255	
14	1	9	92.6			8.998513	
15	3	9	95.5	1511	1656	9.625594	
16	2	9	53.2	1224		10.616827	
17	2	9	59.7	1226		10.857511	
18	3	9	90.8	1438	1233	11.816682	

Statistics 10 (ChirpCenter Frequency: 5498.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	19	77.7	1439		0.523831	
1	3	19	51.4	1250	1844	1.062135	
2	3	19	54.3	1329	1302	2.669518	
3	1	19	53			3.446488	
4	1	19	87			4.172688	
5	2	19	73.9	1416		5.700964	
6	3	19	79.2	1561	1229	6.015579	1
7	3	19	86.2	1516	1871	7.309102	
8	1	19	92.3			8.423438	
9	2	19	62.7	1193		9.613586	
10	2	19	54.6	1240		10.951882	
11	2	19	88.8	1042		11.04231	

Radar Type 5 Case 3 Statistical Performance

Statistics 1 (ChirpCenter Frequency: 5525.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	12	51.3	1282		0.875701	1
1	2	12	57.8	1290		1.384146	
2	3	12	84.8	1688	1999	2.544247	
3	2	12	55.5	1809		3.297263	
4	3	12	80.8	1911	1850	4.875417	
5	3	12	90.7	1562	1309	5.001723	
6	1	12	82.6			6.538741	
7	2	12	56.3	1310		7.81095	
8	2	12	92.6	1785		8.399209	
9	3	12	78.2	1407	1703	9.143274	
10	2	12	59.7	1775		10.319566	
11	2	12	62	1060		11.950644	

Statistics 2 (ChirpCenter Frequency: 5526.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	10	75.4	1119		0.404815	1
1	2	10	53.3	1735		1.331562	
2	3	10	63.1	1859	1512	1.809702	
3	2	10	70.5	1578		2.398995	
4	3	10	93.7	1318	1046	3.632901	
5	2	10	50.3	1339		4.054808	
6	1	10	63.7			4.659356	
7	2	10	53.3	2000		5.531162	
8	2	10	92.4	1945		6.651327	
9	1	10	76.5			7.026847	
10	2	10	97.8	1092		8.242434	
11	1	10	73.1			8.590076	
12	1	10	72.9			9.166561	
13	2	10	75.4	1197		10.013594	
14	2	10	58.5	1897		10.52423	
15	3	10	94.5	1105	1197	11.72948	

Statistics 3 (ChirpCenter Frequency: 5528.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	5	69.3	1720		0.610846	1
1	3	5	82.6	1266	1429	1.313515	
2	2	5	55.5	1764		1.38787	
3	2	5	81.7	1229		2.344821	
4	1	5	97.8			2.906953	
5	1	5	51.8			3.755712	
6	3	5	57.8	1979	1294	4.012419	
7	3	5	97.2	1916	1583	5.253686	
8	3	5	94.8	1390	1426	5.753696	
9	2	5	94.7	1965		6.389586	
10	3	5	73.5	1111	1874	6.743206	
11	2	5	64.8	1095		7.650324	
12	2	5	57.9	1083		8.063878	
13	2	5	81.9	1579		9.31093	
14	1	5	82.7			9.868216	
15	3	5	83.4	1574	1690	10.115336	
16	1	5	98.2			10.868424	
17	2	5	59.1	1388		11.491666	

Statistics 4 (ChirpCenter Frequency: 5524.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	14	95.4	1213		0.851687	1
1	2	14	55	1959		1.204219	
2	3	14	73.5	1181	1637	2.399222	
3	1	14	55.1			3.296843	
4	2	14	86.4	1367		3.712646	
5	3	14	69.7	1287	1992	4.954422	
6	3	14	90.1	1741	1559	5.647665	
7	2	14	52.6	1488		6.283853	
8	2	14	52.5	1926		7.51917	
9	1	14	84.5			8.044719	
10	3	14	88.3	1757	1106	9.13629	
11	1	14	71			10.180375	
12	2	14	78.6	1722		10.470974	
13	1	14	76.8			11.795564	

Statistics 5 (ChirpCenter Frequency: 5525.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	13	81.6	1278		0.491065	
1	2	13	50.1	1810		1.474572	
2	2	13	65.5	1211		2.975649	
3	3	13	69.9	1886	1471	4.177316	
4	1	13	51.7			5.441141	1
5	2	13	62.8	1756		6.573256	
6	3	13	73.8	1548	1924	7.769479	
7	3	13	68.1	1784	1523	8.816755	
8	3	13	72.4	1712	1814	10.207073	
9	3	13	57	1082	1100	11.54053	

Statistics 6 (ChirpCenter Frequency: 5528.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	6	95.9	1522		0.129059	
1	2	6	96.7	1654		1.31706	
2	2	6	84.7	1642		2.285755	
3	2	6	65.6	1897		2.515033	
4	2	6	95.1	1417		3.491397	
5	2	6	81.1	1101		4.334363	
6	2	6	57	1423		5.22809	
7	3	6	61	1767	1738	5.881587	1
8	1	6	88.4			6.71052	
9	1	6	79.1			7.278934	
10	2	6	83.9	1835		8.068387	
11	3	6	66.2	1036	1184	9.37895	
12	2	6	59.2	1764		10.088176	
13	2	6	92.6	1421		11.14445	
14	1	6	54.5			11.648199	

Statistics 7 (ChirpCenter Frequency: 5526.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	10	75.4	1911	1827	0.390125	
1	2	10	57.4	1670		2.360052	
2	2	10	68.7	1895		3.277194	
3	2	10	73.3	1539		4.782333	
4	2	10	87.4	1870		6.555077	1
5	2	10	76.1	1461		7.370791	
6	2	10	90.7	1309		9.042411	
7	1	10	62.7			10.468982	
8	3	10	98.8	1534	1922	10.70189	

Statistics 8 (ChirpCenter Frequency: 5528.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	5	92.7	1150	1434	0.693729	
1	3	5	66.9	1523	1672	2.925921	
2	2	5	54.8	1471		3.082034	
3	2	5	55.5	1244		5.490863	
4	2	5	71.7	1560		7.470684	1
5	2	5	73.9	1832		7.744712	
6	2	5	50.1	1024		9.515629	
7	3	5	74.1	1137	1390	11.286734	

Statistics 9 (ChirpCenter Frequency: 5528.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	5	53.8	1746		0.896063	
1	3	5	88.8	1425	1893	1.838216	
2	2	5	64.6	1736		2.716366	
3	2	5	81.9	1968		3.361382	
4	3	5	57.8	1627	1371	4.021237	
5	3	5	64.6	1778	1794	5.138167	
6	2	5	69.1	1223		6.19088	1
7	2	5	97.9	1691		7.638401	
8	2	5	51	1332		8.8631	
9	2	5	67.8	1529		9.097343	
10	2	5	58.7	1881		10.16618	
11	2	5	62.1	1077		11.365109	

Statistics 10 (ChirpCenter Frequency: 5326.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	13	90.6	1174		0.492152	1
1	3	13	68.5	1918	1959	1.292754	
2	1	13	57.2			1.472251	
3	3	13	99.9	1506	1490	2.309955	
4	1	13	56.7			2.854838	
5	3	13	83.2	1946	1658	3.611341	
6	2	13	63.3	1036		4.474201	
7	2	13	71.8	1422		4.808935	
8	2	13	71.6	1450		5.554155	
9	2	13	75.1	1261		6.426251	
10	2	13	88.6	1493		6.847317	
11	3	13	51.7	1092	1908	7.97533	
12	3	13	78.2	1818	1983	8.034733	
13	3	13	58.5	1267	1638	8.794674	
14	3	13	68.5	1836	1374	9.590306	
15	1	13	68.3			10.10624	
16	2	13	71.8	1493		10.950988	
17	3	13	78	1198	1470	11.840516	

Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)	Hopping Sequence (MHz)
1	5510	9	1	333	1	5579.0, 5674.0, 5530.0, 5599.0, 5632.0, 5331.0, 5414.0, 5677.0, 5336.0, 5673.0, 5255.0, 5651.0, 5317.0, 5704.0, 5291.0, 5375.0, 5686.0, 5602.0, 5646.0, 5721.0, 5494.0, 5340.0, 5604.0, 5441.0, 5550.0, 5716.0, 5282.0, 5585.0, 5323.0, 5637.0, 5630.0, 5442.0, 5638.0, 5363.0, 5420.0, 5406.0, 5487.0, 5521.0, 5460.0, 5610.0, 5688.0, 5553.0, 5678.0, 5360.0, 5694.0, 5470.0, 5657.0, 5526.0, 5448.0, 5478.0, 5682.0, 5294.0, 5558.0, 5571.0, 5683.0, 5617.0, 5684.0, 5545.0, 5687.0, 5497.0, 5662.0, 5461.0, 5501.0, 5412.0, 5642.0, 5681.0, 5310.0, 5284.0, 5373.0, 5594.0, 5377.0, 5502.0, 5557.0, 5454.0, 5669.0, 5629.0, 5407.0, 5372.0, 5459.0, 5655.0, 5631.0, 5274.0, 5374.0, 5450.0, 5496.0, 5468.0, 5641.0, 5370.0, 5422.0, 5517.0, 5452.0, 5592.0, 5584.0, 5660.0, 5542.0, 5587.0, 5259.0, 5314.0, 5453.0, 5306.0 (number of hits: 8)
2	5510	9	1	333	0	/
3	5510	9	1	333	1	5716.0, 5407.0, 5480.0, 5693.0, 5294.0, 5336.0, 5651.0, 5697.0, 5340.0, 5469.0, 5345.0, 5600.0, 5471.0, 5698.0, 5405.0, 5634.0, 5313.0, 5618.0, 5260.0, 5473.0, 5690.0, 5347.0, 5642.0, 5574.0, 5488.0, 5444.0, 5335.0, 5329.0, 5341.0, 5367.0, 5592.0, 5711.0, 5303.0, 5655.0, 5560.0, 5259.0, 5275.0, 5374.0, 5514.0, 5312.0, 5466.0, 5580.0, 5547.0, 5429.0, 5548.0, 5527.0, 5363.0, 5513.0, 5539.0, 5672.0, 5355.0, 5588.0, 5612.0, 5525.0, 5678.0, 5267.0, 5718.0, 5281.0, 5551.0, 5382.0, 5553.0, 5370.0, 5692.0, 5570.0, 5520.0, 5285.0, 5456.0, 5309.0, 5266.0, 5431.0, 5531.0, 5577.0, 5479.0, 5381.0, 5568.0, 5534.0, 5668.0, 5635.0, 5378.0, 5667.0, 5461.0, 5384.0, 5264.0, 5446.0, 5550.0, 5408.0, 5269.0, 5648.0, 5449.0, 5375.0, 5521.0, 5714.0, 5323.0, 5300.0, 5573.0, 5454.0, 5256.0, 5306.0, 5614.0, 5350.0 (number of hits: 6)
4	5510	9	1	333	1	5267.0, 5704.0, 5667.0, 5689.0, 5693.0, 5386.0, 5280.0, 5658.0, 5511.0, 5250.0, 5568.0, 5582.0, 5299.0, 5514.0, 5404.0, 5308.0, 5654.0, 5505.0, 5260.0, 5373.0, 5330.0, 5320.0, 5477.0, 5653.0, 5497.0, 5324.0, 5438.0, 5472.0, 5516.0, 5304.0, 5576.0, 5659.0, 5422.0, 5295.0, 5454.0, 5369.0, 5646.0, 5481.0, 5410.0, 5333.0, 5351.0, 5346.0, 5418.0, 5521.0, 5634.0, 5365.0, 5501.0, 5682.0, 5537.0, 5507.0,

						5397.0, 5720.0, 5476.0, 5613.0, 5468.0, 5273.0, 5549.0, 5564.0, 5461.0, 5322.0, 5364.0, 5498.0, 5639.0, 5432.0, 5520.0, 5313.0, 5456.0, 5255.0, 5374.0, 5722.0, 5713.0, 5632.0, 5453.0, 5474.0, 5398.0, 5683.0, 5714.0, 5556.0, 5436.0, 5586.0, 5702.0, 5540.0, 5367.0, 5523.0, 5358.0, 5510.0, 5508.0, 5296.0, 5493.0, 5266.0, 5642.0, 5406.0, 5298.0, 5393.0, 5524.0, 5571.0, 5459.0, 5718.0, 5399.0, 5684.0 (number of hits: 15)
5	5510	9	1	333	1	5525.0, 5668.0, 5553.0, 5367.0, 5508.0, 5637.0, 5564.0, 5403.0, 5268.0, 5399.0, 5613.0, 5510.0, 5394.0, 5530.0, 5344.0, 5656.0, 5559.0, 5287.0, 5626.0, 5453.0, 5303.0, 5684.0, 5428.0, 5452.0, 5540.0, 5532.0, 5446.0, 5569.0, 5654.0, 5381.0, 5696.0, 5307.0, 5275.0, 5484.0, 5342.0, 5605.0, 5309.0, 5566.0, 5407.0, 5380.0, 5259.0, 5555.0, 5393.0, 5596.0, 5421.0, 5364.0, 5531.0, 5651.0, 5334.0, 5615.0, 5351.0, 5370.0, 5392.0, 5444.0, 5577.0, 5482.0, 5416.0, 5441.0, 5671.0, 5633.0, 5533.0, 5300.0, 5357.0, 5672.0, 5518.0, 5575.0, 5592.0, 5451.0, 5325.0, 5479.0, 5517.0, 5507.0, 5716.0, 5501.0, 5624.0, 5644.0, 5580.0, 5363.0, 5289.0, 5673.0, 5578.0, 5544.0, 5609.0, 5719.0, 5280.0, 5699.0, 5588.0, 5474.0, 5593.0, 5554.0, 5387.0, 5447.0, 5556.0, 5311.0, 5689.0, 5723.0, 5675.0, 5642.0, 5293.0, 5649.0 (number of hits: 7)
6	5510	9	1	333	1	5327.0, 5302.0, 5607.0, 5309.0, 5654.0, 5504.0, 5489.0, 5700.0, 5621.0, 5548.0, 5304.0, 5528.0, 5580.0, 5354.0, 5267.0, 5260.0, 5339.0, 5695.0, 5469.0, 5600.0, 5385.0, 5674.0, 5435.0, 5599.0, 5691.0, 5508.0, 5500.0, 5358.0, 5300.0, 5561.0, 5400.0, 5685.0, 5363.0, 5380.0, 5537.0, 5543.0, 5710.0, 5707.0, 5294.0, 5424.0, 5623.0, 5527.0, 5312.0, 5521.0, 5569.0, 5641.0, 5688.0, 5491.0, 5483.0, 5667.0, 5284.0, 5271.0, 5625.0, 5486.0, 5263.0, 5345.0, 5477.0, 5517.0, 5553.0, 5642.0, 5588.0, 5708.0, 5337.0, 5438.0, 5418.0, 5364.0, 5632.0, 5447.0, 5658.0, 5566.0, 5316.0, 5503.0, 5455.0, 5378.0, 5408.0, 5299.0, 5718.0, 5539.0, 5321.0, 5591.0, 5311.0, 5565.0, 5636.0, 5581.0, 5562.0, 5576.0, 5578.0, 5606.0, 5253.0, 5413.0, 5597.0, 5499.0, 5442.0, 5475.0, 5697.0, 5558.0, 5669.0, 5268.0, 5349.0, 5720.0 (number of hits: 10)
7	5510	9	1	333	1	5575.0, 5615.0, 5461.0, 5648.0, 5688.0, 5506.0, 5321.0, 5721.0, 5382.0, 5618.0, 5435.0, 5642.0, 5344.0, 5447.0, 5441.0, 5355.0, 5330.0, 5334.0, 5629.0, 5600.0, 5307.0, 5568.0, 5655.0, 5280.0, 5591.0, 5309.0, 5416.0, 5656.0, 5635.0, 5550.0,

						5689.0, 5489.0, 5270.0, 5310.0, 5647.0, 5497.0, 5337.0, 5318.0, 5544.0, 5515.0, 5428.0, 5456.0, 5692.0, 5487.0, 5254.0, 5427.0, 5524.0, 5610.0, 5381.0, 5425.0, 5537.0, 5257.0, 5630.0, 5560.0, 5541.0, 5625.0, 5373.0, 5611.0, 5409.0, 5354.0, 5588.0, 5357.0, 5268.0, 5468.0, 5440.0, 5431.0, 5723.0, 5494.0, 5284.0, 5623.0, 5301.0, 5434.0, 5260.0, 5281.0, 5543.0, 5686.0, 5577.0, 5522.0, 5501.0, 5670.0, 5628.0, 5690.0, 5379.0, 5371.0, 5364.0, 5413.0, 5465.0, 5624.0, 5668.0, 5253.0, 5295.0, 5602.0, 5646.0, 5289.0, 5697.0, 5555.0, 5271.0, 5353.0, 5360.0, 5444.0 (number of hits: 7)
8	5510	9	1	333	1	5541.0, 5560.0, 5259.0, 5653.0, 5618.0, 5379.0, 5581.0, 5338.0, 5477.0, 5684.0, 5578.0, 5340.0, 5547.0, 5274.0, 5721.0, 5335.0, 5441.0, 5523.0, 5330.0, 5457.0, 5319.0, 5286.0, 5311.0, 5381.0, 5345.0, 5648.0, 5693.0, 5434.0, 5712.0, 5716.0, 5586.0, 5518.0, 5303.0, 5366.0, 5351.0, 5672.0, 5322.0, 5437.0, 5305.0, 5715.0, 5660.0, 5654.0, 5583.0, 5659.0, 5422.0, 5364.0, 5609.0, 5428.0, 5489.0, 5301.0, 5572.0, 5481.0, 5582.0, 5720.0, 5580.0, 5436.0, 5492.0, 5375.0, 5404.0, 5458.0, 5488.0, 5339.0, 5328.0, 5710.0, 5621.0, 5278.0, 5346.0, 5251.0, 5544.0, 5329.0, 5432.0, 5674.0, 5443.0, 5262.0, 5666.0, 5651.0, 5557.0, 5298.0, 5292.0, 5507.0, 5327.0, 5395.0, 5373.0, 5687.0, 5498.0, 5521.0, 5480.0, 5682.0, 5635.0, 5438.0, 5664.0, 5708.0, 5546.0, 5614.0, 5592.0, 5628.0, 5415.0, 5632.0, 5393.0, 5499.0 (number of hits: 7)
9	5510	9	1	333	1	5263.0, 5530.0, 5638.0, 5676.0, 5497.0, 5418.0, 5612.0, 5289.0, 5399.0, 5700.0, 5685.0, 5528.0, 5560.0, 5721.0, 5321.0, 5526.0, 5601.0, 5256.0, 5254.0, 5448.0, 5455.0, 5554.0, 5280.0, 5293.0, 5645.0, 5659.0, 5595.0, 5594.0, 5614.0, 5587.0, 5350.0, 5366.0, 5609.0, 5323.0, 5611.0, 5453.0, 5319.0, 5549.0, 5430.0, 5286.0, 5689.0, 5466.0, 5406.0, 5424.0, 5363.0, 5445.0, 5340.0, 5507.0, 5720.0, 5444.0, 5346.0, 5383.0, 5585.0, 5572.0, 5479.0, 5307.0, 5298.0, 5484.0, 5326.0, 5663.0, 5308.0, 5551.0, 5251.0, 5513.0, 5380.0, 5482.0, 5433.0, 5722.0, 5475.0, 5671.0, 5403.0, 5653.0, 5404.0, 5509.0, 5362.0, 5337.0, 5488.0, 5704.0, 5536.0, 5529.0, 5292.0, 5724.0, 5616.0, 5465.0, 5493.0, 5317.0, 5283.0, 5370.0, 5431.0, 5416.0, 5436.0, 5329.0, 5415.0, 5327.0, 5351.0, 5592.0, 5394.0, 5469.0, 5310.0, 5331.0 (number of hits: 8)
10	5510	9	1	333	1	5418.0, 5611.0, 5449.0, 5650.0, 5408.0, 5583.0, 5552.0, 5528.0, 5724.0, 5269.0,

						5696.0, 5289.0, 5658.0, 5540.0, 5711.0, 5546.0, 5387.0, 5654.0, 5271.0, 5653.0, 5652.0, 5708.0, 5685.0, 5373.0, 5389.0, 5645.0, 5484.0, 5595.0, 5621.0, 5255.0, 5607.0, 5647.0, 5698.0, 5322.0, 5566.0, 5689.0, 5416.0, 5421.0, 5263.0, 5594.0, 5374.0, 5598.0, 5560.0, 5678.0, 5465.0, 5656.0, 5390.0, 5407.0, 5529.0, 5267.0, 5613.0, 5604.0, 5517.0, 5623.0, 5591.0, 5533.0, 5596.0, 5541.0, 5292.0, 5631.0, 5309.0, 5319.0, 5262.0, 5391.0, 5500.0, 5567.0, 5523.0, 5381.0, 5584.0, 5493.0, 5436.0, 5683.0, 5439.0, 5550.0, 5628.0, 5433.0, 5632.0, 5392.0, 5261.0, 5644.0, 5668.0, 5434.0, 5617.0, 5553.0, 5376.0, 5643.0, 5616.0, 5487.0, 5641.0, 5273.0, 5311.0, 5655.0, 5661.0, 5298.0, 5538.0, 5562.0, 5582.0, 5629.0, 5283.0, 5640.0 (number of hits: 6)
11	5510	9	1	333	1	5596.0, 5567.0, 5364.0, 5670.0, 5547.0, 5695.0, 5422.0, 5325.0, 5266.0, 5327.0, 5602.0, 5683.0, 5312.0, 5611.0, 5721.0, 5402.0, 5540.0, 5682.0, 5411.0, 5625.0, 5429.0, 5352.0, 5406.0, 5622.0, 5401.0, 5661.0, 5629.0, 5369.0, 5619.0, 5534.0, 5679.0, 5623.0, 5614.0, 5513.0, 5346.0, 5689.0, 5714.0, 5258.0, 5724.0, 5517.0, 5710.0, 5638.0, 5301.0, 5324.0, 5282.0, 5497.0, 5351.0, 5574.0, 5278.0, 5524.0, 5531.0, 5390.0, 5396.0, 5335.0, 5677.0, 5698.0, 5572.0, 5274.0, 5511.0, 5703.0, 5526.0, 5336.0, 5681.0, 5573.0, 5387.0, 5389.0, 5672.0, 5521.0, 5616.0, 5320.0, 5651.0, 5510.0, 5432.0, 5504.0, 5439.0, 5688.0, 5694.0, 5659.0, 5649.0, 5717.0, 5671.0, 5303.0, 5253.0, 5374.0, 5347.0, 5660.0, 5257.0, 5680.0, 5468.0, 5415.0, 5515.0, 5264.0, 5628.0, 5712.0, 5328.0, 5298.0, 5379.0, 5332.0, 5378.0, 5626.0 (number of hits: 10)
12	5510	9	1	333	1	5399.0, 5653.0, 5377.0, 5409.0, 5469.0, 5507.0, 5550.0, 5537.0, 5710.0, 5271.0, 5634.0, 5675.0, 5442.0, 5280.0, 5663.0, 5374.0, 5329.0, 5347.0, 5372.0, 5389.0, 5344.0, 5450.0, 5522.0, 5569.0, 5547.0, 5499.0, 5503.0, 5419.0, 5343.0, 5351.0, 5631.0, 5468.0, 5548.0, 5523.0, 5703.0, 5251.0, 5485.0, 5382.0, 5604.0, 5324.0, 5599.0, 5584.0, 5579.0, 5531.0, 5342.0, 5276.0, 5278.0, 5626.0, 5414.0, 5563.0, 5519.0, 5362.0, 5268.0, 5606.0, 5655.0, 5336.0, 5616.0, 5672.0, 5489.0, 5637.0, 5708.0, 5363.0, 5284.0, 5693.0, 5562.0, 5439.0, 5291.0, 5394.0, 5436.0, 5440.0, 5500.0, 5386.0, 5513.0, 5339.0, 5512.0, 5416.0, 5698.0, 5676.0, 5422.0, 5267.0, 5357.0, 5398.0, 5413.0, 5453.0, 5264.0, 5477.0, 5635.0, 5441.0, 5454.0, 5565.0, 5529.0, 5292.0, 5290.0, 5716.0, 5262.0,

						5572.0, 5508.0, 5282.0, 5257.0, 5689.0 (number of hits: 11)
13	5510	9	1	333	1	5388.0, 5509.0, 5656.0, 5385.0, 5462.0, 5542.0, 5471.0, 5496.0, 5523.0, 5361.0, 5646.0, 5401.0, 5701.0, 5346.0, 5419.0, 5440.0, 5601.0, 5412.0, 5679.0, 5274.0, 5284.0, 5718.0, 5702.0, 5466.0, 5391.0, 5312.0, 5442.0, 5544.0, 5616.0, 5557.0, 5524.0, 5573.0, 5553.0, 5381.0, 5659.0, 5530.0, 5562.0, 5533.0, 5630.0, 5631.0, 5705.0, 5318.0, 5574.0, 5518.0, 5539.0, 5643.0, 5275.0, 5453.0, 5371.0, 5479.0, 5504.0, 5577.0, 5661.0, 5417.0, 5681.0, 5426.0, 5375.0, 5647.0, 5538.0, 5486.0, 5653.0, 5532.0, 5306.0, 5321.0, 5663.0, 5264.0, 5439.0, 5289.0, 5697.0, 5474.0, 5560.0, 5600.0, 5468.0, 5423.0, 5594.0, 5673.0, 5254.0, 5716.0, 5270.0, 5497.0, 5438.0, 5603.0, 5633.0, 5457.0, 5392.0, 5277.0, 5398.0, 5460.0, 5272.0, 5626.0, 5288.0, 5425.0, 5377.0, 5723.0, 5395.0, 5422.0, 5692.0, 5511.0, 5368.0, 5394.0 (number of hits: 8)
14	5510	9	1	333	1	5672.0, 5323.0, 5289.0, 5517.0, 5654.0, 5419.0, 5344.0, 5520.0, 5383.0, 5303.0, 5565.0, 5397.0, 5633.0, 5649.0, 5513.0, 5470.0, 5639.0, 5277.0, 5601.0, 5357.0, 5412.0, 5336.0, 5390.0, 5261.0, 5668.0, 5560.0, 5478.0, 5258.0, 5594.0, 5497.0, 5697.0, 5621.0, 5337.0, 5655.0, 5329.0, 5401.0, 5714.0, 5625.0, 5300.0, 5636.0, 5543.0, 5371.0, 5299.0, 5494.0, 5610.0, 5511.0, 5385.0, 5599.0, 5515.0, 5529.0, 5346.0, 5641.0, 5362.0, 5507.0, 5562.0, 5629.0, 5498.0, 5541.0, 5627.0, 5571.0, 5568.0, 5294.0, 5567.0, 5677.0, 5370.0, 5458.0, 5274.0, 5301.0, 5707.0, 5475.0, 5691.0, 5347.0, 5687.0, 5577.0, 5275.0, 5320.0, 5545.0, 5516.0, 5600.0, 5378.0, 5392.0, 5501.0, 5524.0, 5353.0, 5721.0, 5490.0, 5293.0, 5446.0, 5356.0, 5549.0, 5489.0, 5319.0, 5343.0, 5692.0, 5653.0, 5292.0, 5694.0, 5546.0, 5436.0, 5678.0 (number of hits: 14)
15	5510	9	1	333	1	5592.0, 5645.0, 5314.0, 5274.0, 5376.0, 5332.0, 5394.0, 5442.0, 5452.0, 5630.0, 5393.0, 5334.0, 5322.0, 5378.0, 5667.0, 5254.0, 5289.0, 5413.0, 5580.0, 5716.0, 5597.0, 5436.0, 5706.0, 5451.0, 5348.0, 5614.0, 5572.0, 5399.0, 5581.0, 5410.0, 5326.0, 5686.0, 5285.0, 5351.0, 5405.0, 5396.0, 5527.0, 5361.0, 5566.0, 5384.0, 5278.0, 5547.0, 5654.0, 5343.0, 5485.0, 5263.0, 5563.0, 5601.0, 5605.0, 5642.0, 5398.0, 5559.0, 5561.0, 5408.0, 5710.0, 5303.0, 5699.0, 5616.0, 5613.0, 5475.0, 5641.0, 5608.0, 5546.0, 5467.0, 5306.0, 5350.0, 5638.0, 5696.0, 5445.0, 5454.0, 5717.0, 5500.0, 5677.0, 5520.0, 5283.0,

						5315.0, 5488.0, 5670.0, 5722.0, 5653.0, 5720.0, 5276.0, 5570.0, 5469.0, 5562.0, 5272.0, 5480.0, 5383.0, 5261.0, 5269.0, 5352.0, 5517.0, 5639.0, 5539.0, 5537.0, 5277.0, 5437.0, 5370.0, 5337.0, 5565.0 (number of hits: 4)
16	5510	9	1	333	1	5701.0, 5422.0, 5672.0, 5350.0, 5607.0, 5504.0, 5708.0, 5335.0, 5352.0, 5670.0, 5567.0, 5538.0, 5724.0, 5372.0, 5299.0, 5526.0, 5292.0, 5689.0, 5602.0, 5375.0, 5369.0, 5604.0, 5590.0, 5660.0, 5700.0, 5483.0, 5271.0, 5601.0, 5716.0, 5456.0, 5530.0, 5688.0, 5626.0, 5458.0, 5609.0, 5469.0, 5288.0, 5704.0, 5296.0, 5282.0, 5492.0, 5432.0, 5491.0, 5443.0, 5572.0, 5675.0, 5654.0, 5284.0, 5686.0, 5339.0, 5649.0, 5627.0, 5648.0, 5598.0, 5624.0, 5556.0, 5570.0, 5428.0, 5706.0, 5275.0, 5488.0, 5348.0, 5460.0, 5625.0, 5427.0, 5431.0, 5406.0, 5632.0, 5657.0, 5268.0, 5506.0, 5262.0, 5606.0, 5286.0, 5447.0, 5290.0, 5413.0, 5273.0, 5340.0, 5562.0, 5698.0, 5544.0, 5508.0, 5682.0, 5466.0, 5501.0, 5318.0, 5315.0, 5481.0, 5270.0, 5619.0, 5355.0, 5534.0, 5541.0, 5255.0, 5319.0, 5558.0, 5529.0, 5400.0, 5615.0 (number of hits: 8)
17	5510	9	1	333	1	5466.0, 5405.0, 5309.0, 5431.0, 5371.0, 5632.0, 5666.0, 5574.0, 5703.0, 5649.0, 5691.0, 5278.0, 5302.0, 5361.0, 5415.0, 5322.0, 5547.0, 5482.0, 5648.0, 5396.0, 5447.0, 5257.0, 5570.0, 5424.0, 5258.0, 5698.0, 5312.0, 5614.0, 5341.0, 5402.0, 5687.0, 5667.0, 5269.0, 5580.0, 5705.0, 5517.0, 5364.0, 5518.0, 5654.0, 5271.0, 5494.0, 5490.0, 5527.0, 5444.0, 5670.0, 5448.0, 5455.0, 5576.0, 5449.0, 5624.0, 5435.0, 5657.0, 5384.0, 5263.0, 5425.0, 5274.0, 5509.0, 5553.0, 5642.0, 5461.0, 5379.0, 5397.0, 5604.0, 5332.0, 5279.0, 5671.0, 5261.0, 5586.0, 5610.0, 5417.0, 5489.0, 5709.0, 5629.0, 5493.0, 5681.0, 5450.0, 5639.0, 5313.0, 5343.0, 5704.0, 5451.0, 5432.0, 5284.0, 5621.0, 5596.0, 5665.0, 5522.0, 5407.0, 5375.0, 5634.0, 5497.0, 5390.0, 5481.0, 5626.0, 5296.0, 5536.0, 5287.0, 5627.0, 5579.0, 5359.0 (number of hits: 9)
18	5510	9	1	333	1	5342.0, 5630.0, 5473.0, 5319.0, 5333.0, 5584.0, 5460.0, 5503.0, 5502.0, 5433.0, 5489.0, 5414.0, 5408.0, 5527.0, 5397.0, 5387.0, 5575.0, 5605.0, 5635.0, 5328.0, 5620.0, 5264.0, 5462.0, 5320.0, 5524.0, 5495.0, 5358.0, 5267.0, 5360.0, 5361.0, 5318.0, 5457.0, 5413.0, 5574.0, 5690.0, 5378.0, 5439.0, 5441.0, 5443.0, 5688.0, 5395.0, 5270.0, 5536.0, 5334.0, 5613.0, 5379.0, 5436.0, 5643.0, 5399.0, 5385.0, 5391.0, 5410.0, 5565.0, 5700.0, 5647.0,

						5636.0, 5663.0, 5287.0, 5564.0, 5603.0, 5289.0, 5447.0, 5676.0, 5304.0, 5317.0, 5666.0, 5382.0, 5303.0, 5341.0, 5598.0, 5454.0, 5539.0, 5637.0, 5529.0, 5365.0, 5499.0, 5374.0, 5606.0, 5510.0, 5290.0, 5520.0, 5373.0, 5530.0, 5300.0, 5629.0, 5314.0, 5451.0, 5674.0, 5634.0, 5654.0, 5295.0, 5714.0, 5434.0, 5675.0, 5660.0, 5412.0, 5549.0, 5711.0, 5280.0, 5407.0 (number of hits: 9)
19	5510	9	1	333	1	5336.0, 5421.0, 5346.0, 5324.0, 5684.0, 5313.0, 5262.0, 5445.0, 5583.0, 5460.0, 5453.0, 5420.0, 5339.0, 5564.0, 5714.0, 5550.0, 5631.0, 5415.0, 5481.0, 5534.0, 5585.0, 5254.0, 5394.0, 5599.0, 5399.0, 5439.0, 5250.0, 5608.0, 5611.0, 5719.0, 5284.0, 5508.0, 5418.0, 5366.0, 5688.0, 5661.0, 5680.0, 5536.0, 5299.0, 5619.0, 5607.0, 5333.0, 5683.0, 5497.0, 5251.0, 5502.0, 5351.0, 5629.0, 5256.0, 5651.0, 5653.0, 5568.0, 5348.0, 5624.0, 5426.0, 5278.0, 5461.0, 5507.0, 5266.0, 5520.0, 5405.0, 5389.0, 5286.0, 5280.0, 5431.0, 5547.0, 5582.0, 5515.0, 5617.0, 5458.0, 5267.0, 5523.0, 5294.0, 5722.0, 5591.0, 5620.0, 5563.0, 5459.0, 5311.0, 5287.0, 5479.0, 5665.0, 5615.0, 5387.0, 5275.0, 5551.0, 5630.0, 5307.0, 5614.0, 5376.0, 5454.0, 5296.0, 5411.0, 5480.0, 5537.0, 5542.0, 5309.0, 5358.0, 5416.0, 5596.0 (number of hits: 7)
20	5510	9	1	333	0	/
21	5510	9	1	333	1	5486.0, 5620.0, 5522.0, 5405.0, 5588.0, 5692.0, 5425.0, 5642.0, 5624.0, 5463.0, 5670.0, 5694.0, 5639.0, 5350.0, 5696.0, 5558.0, 5594.0, 5654.0, 5579.0, 5656.0, 5427.0, 5569.0, 5288.0, 5364.0, 5695.0, 5417.0, 5273.0, 5513.0, 5575.0, 5344.0, 5462.0, 5668.0, 5506.0, 5615.0, 5711.0, 5256.0, 5526.0, 5311.0, 5473.0, 5528.0, 5507.0, 5676.0, 5307.0, 5438.0, 5396.0, 5549.0, 5263.0, 5640.0, 5562.0, 5259.0, 5359.0, 5589.0, 5543.0, 5315.0, 5531.0, 5296.0, 5317.0, 5264.0, 5271.0, 5300.0, 5540.0, 5653.0, 5439.0, 5281.0, 5533.0, 5600.0, 5287.0, 5436.0, 5365.0, 5332.0, 5252.0, 5556.0, 5480.0, 5709.0, 5720.0, 5282.0, 5361.0, 5605.0, 5373.0, 5472.0, 5616.0, 5682.0, 5349.0, 5591.0, 5698.0, 5544.0, 5715.0, 5604.0, 5503.0, 5409.0, 5691.0, 5532.0, 5700.0, 5444.0, 5586.0, 5258.0, 5666.0, 5548.0, 5529.0, 5499.0 (number of hits: 9)
22	5510	9	1	333	1	5277.0, 5301.0, 5539.0, 5632.0, 5358.0, 5252.0, 5303.0, 5537.0, 5528.0, 5684.0, 5428.0, 5253.0, 5323.0, 5256.0, 5395.0, 5658.0, 5482.0, 5687.0, 5281.0, 5657.0, 5627.0, 5669.0, 5561.0, 5320.0, 5652.0, 5341.0, 5594.0, 5470.0, 5685.0, 5582.0,

						5296.0, 5511.0, 5373.0, 5651.0, 5699.0, 5686.0, 5614.0, 5347.0, 5491.0, 5695.0, 5516.0, 5618.0, 5440.0, 5402.0, 5573.0, 5300.0, 5541.0, 5619.0, 5591.0, 5653.0, 5472.0, 5683.0, 5297.0, 5417.0, 5555.0, 5564.0, 5484.0, 5644.0, 5568.0, 5590.0, 5595.0, 5371.0, 5287.0, 5536.0, 5397.0, 5446.0, 5664.0, 5508.0, 5449.0, 5538.0, 5724.0, 5496.0, 5523.0, 5562.0, 5345.0, 5569.0, 5357.0, 5557.0, 5608.0, 5671.0, 5598.0, 5688.0, 5382.0, 5599.0, 5458.0, 5546.0, 5454.0, 5550.0, 5545.0, 5413.0, 5709.0, 5641.0, 5532.0, 5329.0, 5510.0, 5628.0, 5524.0, 5722.0, 5392.0, 5305.0 (number of hits: 9)
23	5510	9	1	333	1	5721.0, 5724.0, 5289.0, 5332.0, 5571.0, 5519.0, 5420.0, 5459.0, 5282.0, 5656.0, 5394.0, 5351.0, 5561.0, 5308.0, 5494.0, 5463.0, 5276.0, 5504.0, 5377.0, 5273.0, 5603.0, 5398.0, 5694.0, 5509.0, 5716.0, 5546.0, 5491.0, 5534.0, 5416.0, 5474.0, 5292.0, 5552.0, 5279.0, 5486.0, 5535.0, 5401.0, 5487.0, 5271.0, 5447.0, 5583.0, 5605.0, 5352.0, 5466.0, 5343.0, 5380.0, 5627.0, 5617.0, 5521.0, 5517.0, 5703.0, 5695.0, 5269.0, 5430.0, 5570.0, 5325.0, 5692.0, 5513.0, 5291.0, 5347.0, 5472.0, 5679.0, 5340.0, 5371.0, 5324.0, 5320.0, 5283.0, 5264.0, 5253.0, 5587.0, 5598.0, 5663.0, 5342.0, 5508.0, 5288.0, 5538.0, 5717.0, 5516.0, 5540.0, 5434.0, 5431.0, 5525.0, 5452.0, 5356.0, 5554.0, 5313.0, 5541.0, 5568.0, 5470.0, 5650.0, 5307.0, 5348.0, 5475.0, 5490.0, 5688.0, 5634.0, 5424.0, 5454.0, 5657.0, 5374.0, 5363.0 (number of hits: 12)
24	5510	9	1	333	1	5402.0, 5549.0, 5684.0, 5274.0, 5539.0, 5440.0, 5447.0, 5658.0, 5669.0, 5455.0, 5396.0, 5695.0, 5352.0, 5565.0, 5582.0, 5426.0, 5271.0, 5581.0, 5706.0, 5493.0, 5516.0, 5418.0, 5349.0, 5450.0, 5303.0, 5504.0, 5307.0, 5716.0, 5568.0, 5261.0, 5494.0, 5629.0, 5465.0, 5294.0, 5510.0, 5433.0, 5593.0, 5541.0, 5578.0, 5650.0, 5268.0, 5569.0, 5709.0, 5627.0, 5676.0, 5643.0, 5703.0, 5462.0, 5338.0, 5624.0, 5264.0, 5601.0, 5589.0, 5324.0, 5470.0, 5255.0, 5359.0, 5451.0, 5364.0, 5412.0, 5602.0, 5520.0, 5717.0, 5459.0, 5314.0, 5434.0, 5557.0, 5537.0, 5317.0, 5458.0, 5611.0, 5523.0, 5511.0, 5476.0, 5281.0, 5430.0, 5639.0, 5332.0, 5521.0, 5415.0, 5606.0, 5318.0, 5347.0, 5340.0, 5617.0, 5365.0, 5596.0, 5699.0, 5682.0, 5442.0, 5423.0, 5394.0, 5432.0, 5346.0, 5378.0, 5612.0, 5626.0, 5337.0, 5665.0, 5686.0 (number of hits: 9)
25	5510	9	1	333	1	5478.0, 5330.0, 5306.0, 5674.0, 5415.0, 5619.0, 5535.0, 5422.0, 5313.0, 5502.0,

						5492.0, 5675.0, 5656.0, 5615.0, 5696.0, 5542.0, 5497.0, 5279.0, 5648.0, 5711.0, 5319.0, 5658.0, 5646.0, 5256.0, 5314.0, 5606.0, 5670.0, 5550.0, 5577.0, 5334.0, 5635.0, 5589.0, 5383.0, 5377.0, 5654.0, 5719.0, 5601.0, 5276.0, 5349.0, 5527.0, 5566.0, 5537.0, 5625.0, 5484.0, 5524.0, 5493.0, 5496.0, 5402.0, 5629.0, 5359.0, 5414.0, 5567.0, 5354.0, 5278.0, 5345.0, 5260.0, 5536.0, 5294.0, 5251.0, 5724.0, 5282.0, 5416.0, 5503.0, 5666.0, 5332.0, 5707.0, 5693.0, 5450.0, 5504.0, 5676.0, 5514.0, 5543.0, 5425.0, 5512.0, 5410.0, 5596.0, 5526.0, 5339.0, 5365.0, 5290.0, 5286.0, 5404.0, 5555.0, 5547.0, 5372.0, 5407.0, 5449.0, 5489.0, 5612.0, 5352.0, 5266.0, 5588.0, 5373.0, 5259.0, 5293.0, 5686.0, 5715.0, 5323.0, 5328.0, 5376.0 (number of hits: 12)
26	5510	9	1	333	1	5559.0, 5689.0, 5637.0, 5364.0, 5471.0, 5703.0, 5457.0, 5577.0, 5494.0, 5587.0, 5564.0, 5432.0, 5700.0, 5274.0, 5540.0, 5597.0, 5350.0, 5711.0, 5505.0, 5651.0, 5483.0, 5250.0, 5301.0, 5516.0, 5550.0, 5304.0, 5594.0, 5278.0, 5628.0, 5285.0, 5644.0, 5472.0, 5255.0, 5429.0, 5277.0, 5299.0, 5420.0, 5365.0, 5468.0, 5407.0, 5503.0, 5489.0, 5354.0, 5601.0, 5602.0, 5539.0, 5313.0, 5275.0, 5329.0, 5699.0, 5422.0, 5290.0, 5646.0, 5690.0, 5708.0, 5722.0, 5676.0, 5534.0, 5294.0, 5405.0, 5464.0, 5387.0, 5408.0, 5523.0, 5352.0, 5276.0, 5544.0, 5546.0, 5588.0, 5308.0, 5688.0, 5307.0, 5370.0, 5316.0, 5685.0, 5497.0, 5701.0, 5599.0, 5334.0, 5298.0, 5271.0, 5386.0, 5692.0, 5411.0, 5718.0, 5634.0, 5295.0, 5480.0, 5396.0, 5673.0, 5536.0, 5340.0, 5509.0, 5519.0, 5382.0, 5674.0, 5573.0, 5520.0, 5351.0, 5487.0 (number of hits: 9)
27	5510	9	1	333	1	5295.0, 5345.0, 5634.0, 5385.0, 5440.0, 5585.0, 5498.0, 5507.0, 5267.0, 5655.0, 5252.0, 5609.0, 5547.0, 5418.0, 5274.0, 5673.0, 5372.0, 5636.0, 5285.0, 5446.0, 5525.0, 5675.0, 5614.0, 5713.0, 5365.0, 5460.0, 5387.0, 5613.0, 5414.0, 5649.0, 5427.0, 5334.0, 5637.0, 5301.0, 5275.0, 5651.0, 5432.0, 5320.0, 5513.0, 5551.0, 5466.0, 5557.0, 5690.0, 5431.0, 5390.0, 5251.0, 5309.0, 5579.0, 5356.0, 5612.0, 5349.0, 5697.0, 5473.0, 5519.0, 5560.0, 5255.0, 5663.0, 5343.0, 5492.0, 5598.0, 5640.0, 5409.0, 5341.0, 5396.0, 5668.0, 5321.0, 5642.0, 5699.0, 5621.0, 5711.0, 5266.0, 5582.0, 5723.0, 5556.0, 5641.0, 5283.0, 5572.0, 5265.0, 5542.0, 5500.0, 5328.0, 5541.0, 5269.0, 5333.0, 5452.0, 5718.0, 5647.0, 5693.0, 5669.0, 5480.0, 5558.0, 5602.0, 5494.0, 5490.0, 5420.0,

						5505.0, 5644.0, 5502.0, 5681.0, 5377.0 (number of hits: 11)
28	5510	9	1	333	1	5251.0, 5681.0, 5715.0, 5646.0, 5721.0, 5707.0, 5640.0, 5392.0, 5505.0, 5516.0, 5401.0, 5694.0, 5647.0, 5446.0, 5448.0, 5405.0, 5519.0, 5623.0, 5486.0, 5635.0, 5353.0, 5354.0, 5479.0, 5456.0, 5498.0, 5415.0, 5298.0, 5309.0, 5423.0, 5511.0, 5276.0, 5643.0, 5583.0, 5472.0, 5268.0, 5667.0, 5264.0, 5499.0, 5668.0, 5684.0, 5503.0, 5483.0, 5638.0, 5329.0, 5304.0, 5374.0, 5685.0, 5273.0, 5719.0, 5279.0, 5514.0, 5438.0, 5612.0, 5370.0, 5269.0, 5535.0, 5469.0, 5710.0, 5286.0, 5586.0, 5530.0, 5345.0, 5560.0, 5696.0, 5569.0, 5662.0, 5642.0, 5393.0, 5494.0, 5301.0, 5383.0, 5574.0, 5476.0, 5487.0, 5641.0, 5651.0, 5291.0, 5517.0, 5613.0, 5387.0, 5520.0, 5424.0, 5257.0, 5340.0, 5538.0, 5624.0, 5371.0, 5714.0, 5338.0, 5377.0, 5442.0, 5288.0, 5527.0, 5601.0, 5317.0, 5259.0, 5501.0, 5616.0, 5557.0, 5496.0 (number of hits: 14)
29	5510	9	1	333	1	5577.0, 5317.0, 5295.0, 5458.0, 5261.0, 5341.0, 5663.0, 5696.0, 5344.0, 5652.0, 5641.0, 5576.0, 5313.0, 5565.0, 5643.0, 5650.0, 5555.0, 5706.0, 5503.0, 5654.0, 5697.0, 5492.0, 5463.0, 5501.0, 5519.0, 5274.0, 5581.0, 5462.0, 5430.0, 5335.0, 5707.0, 5649.0, 5692.0, 5589.0, 5275.0, 5305.0, 5322.0, 5544.0, 5661.0, 5431.0, 5251.0, 5703.0, 5688.0, 5658.0, 5548.0, 5683.0, 5420.0, 5293.0, 5556.0, 5593.0, 5336.0, 5440.0, 5695.0, 5388.0, 5286.0, 5642.0, 5271.0, 5355.0, 5687.0, 5391.0, 5540.0, 5591.0, 5481.0, 5525.0, 5406.0, 5357.0, 5543.0, 5314.0, 5342.0, 5559.0, 5704.0, 5638.0, 5279.0, 5711.0, 5280.0, 5716.0, 5320.0, 5476.0, 5350.0, 5657.0, 5281.0, 5318.0, 5664.0, 5427.0, 5292.0, 5671.0, 5718.0, 5531.0, 5410.0, 5574.0, 5637.0, 5500.0, 5308.0, 5283.0, 5461.0, 5285.0, 5536.0, 5376.0, 5583.0, 5404.0 (number of hits: 6)
30	5510	9	1	333	1	5517.0, 5528.0, 5259.0, 5551.0, 5632.0, 5342.0, 5349.0, 5655.0, 5543.0, 5264.0, 5260.0, 5366.0, 5694.0, 5412.0, 5644.0, 5317.0, 5593.0, 5641.0, 5381.0, 5515.0, 5416.0, 5554.0, 5315.0, 5405.0, 5707.0, 5547.0, 5488.0, 5435.0, 5690.0, 5523.0, 5460.0, 5649.0, 5647.0, 5530.0, 5606.0, 5329.0, 5719.0, 5531.0, 5611.0, 5431.0, 5672.0, 5274.0, 5362.0, 5364.0, 5709.0, 5446.0, 5648.0, 5328.0, 5465.0, 5305.0, 5705.0, 5555.0, 5637.0, 5374.0, 5654.0, 5621.0, 5661.0, 5534.0, 5267.0, 5630.0, 5303.0, 5314.0, 5600.0, 5532.0, 5297.0, 5475.0, 5333.0, 5275.0, 5251.0, 5271.0, 5341.0, 5250.0, 5443.0, 5427.0, 5368.0,

						5424.0, 5291.0, 5281.0, 5665.0, 5332.0, 5335.0, 5500.0, 5563.0, 5319.0, 5673.0, 5518.0, 5322.0, 5290.0, 5510.0, 5484.0, 5338.0, 5711.0, 5255.0, 5689.0, 5464.0, 5373.0, 5557.0, 5552.0, 5487.0, 5537.0 (number of hits: 7)

80MHz(5530MHz)

Radar SignalType	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A	15	93.3	60	pass
Type 1B	15	100	60	pass
Type 2	30	93.3	60	Pass
Type 3	30	90	60	Pass
Type 4	30	93.3	60	Pass
Aggregate (Radar Types 1-4)	120	93.3	80	Pass
Type 5	30	96.7	80%	Pass
Type 6	30	96.7	70%	Pass

Please refer to the following statistical tables:

5530MHz
Radar Type 1A Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5530	57	1	938	1
2	5530	67	1	798	1
3	5530	89	1	598	1
4	5530	81	1	658	1
5	5530	68	1	778	1
6	5530	102	1	518	1
7	5530	86	1	618	1
8	5530	72	1	738	1
9	5530	65	1	818	0
10	5530	62	1	858	1
11	5530	18	1	3066	1
12	5530	83	1	638	1
13	5530	99	1	538	1
14	5530	70	1	758	1
15	5530	63	1	838	1
Detection Percentage: 93.3 % (>60%)					

Radar Type 1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5530	94	1	567	1
2	5530	24	1	2237	1
3	5530	34	1	1585	1
4	5530	30	1	1793	1
5	5530	21	1	2571	1
6	5530	22	1	2445	1
7	5530	29	1	1875	1
8	5530	59	1	902	1
9	5530	25	1	2158	1
10	5530	31	1	1744	1
11	5530	39	1	1374	1
12	5530	49	1	1083	1
13	5530	21	1	2579	1
14	5530	44	1	1207	1
15	5530	23	1	2393	1
Detection Percentage: 100 % (>60%)					

Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5530	23	1.5	174	1
2	5530	26	3.3	215	1
3	5530	26	4.9	172	0
4	5530	28	2.5	159	1
5	5530	28	1.1	227	1
6	5530	26	3.3	172	1
7	5530	29	4.6	165	0
8	5530	29	3.4	223	1
9	5530	29	3	166	1
10	5530	25	2.5	225	1
11	5530	29	1.5	164	1
12	5530	28	1.6	223	1
13	5530	29	1.7	209	1
14	5530	25	3.3	156	1
15	5530	28	3.9	183	1
16	5530	26	3.9	213	1
17	5530	25	4.4	204	1
18	5530	23	2.8	222	1
19	5530	24	2.5	202	1
20	5530	26	2	182	1
21	5530	27	4.8	217	1
22	5530	27	2	173	1
23	5530	23	1.4	184	1
24	5530	25	3.1	151	1
25	5530	29	1.2	162	1
26	5530	23	2	176	1
27	5530	23	1.9	175	1
28	5530	23	4.3	151	1
29	5530	29	4	196	1
30	5530	28	1	183	1
Detection Percentage: 93.3 % (>60%)					

Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5530	18	6.2	225	1
2	5530	18	7.9	346	1
3	5530	17	9.4	448	1
4	5530	16	8.2	284	1
5	5530	18	9.4	308	1
6	5530	18	8.3	482	1
7	5530	17	6.7	319	1
8	5530	17	7.9	326	1
9	5530	18	6.9	323	1
10	5530	18	9.2	364	1
11	5530	18	6.1	422	1
12	5530	16	6.4	447	1
13	5530	16	8	230	1
14	5530	17	8	458	1
15	5530	17	9.8	461	1
16	5530	16	8.8	354	1
17	5530	16	9	205	1
18	5530	16	10	225	1
19	5530	18	8.8	373	0
20	5530	18	8.9	255	1
21	5530	16	7.5	443	1
22	5530	17	6.7	448	1
23	5530	18	8.3	314	0
24	5530	18	9.2	393	1
25	5530	18	7.7	344	1
26	5530	18	9	406	0
27	5530	17	9.6	291	1
28	5530	17	6.7	304	1
29	5530	17	6.3	382	1
30	5530	17	6.3	262	1
Detection Percentage: 90 % (>60%)					

Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5530	16	11.9	215	1
2	5530	13	13.8	464	1
3	5530	13	19	396	0
4	5530	12	11.1	482	1
5	5530	12	11.7	399	1
6	5530	14	11.1	466	1
7	5530	14	16.2	266	1
8	5530	14	15.3	376	1
9	5530	15	17	373	1
10	5530	16	13.6	405	1
11	5530	15	14.8	230	1
12	5530	14	19.4	389	1
13	5530	16	15.6	250	1
14	5530	15	17.8	211	1
15	5530	16	12	441	1
16	5530	16	17.4	323	0
17	5530	15	14.9	238	1
18	5530	12	16.2	422	1
19	5530	13	12.5	452	1
20	5530	12	12.6	282	1
21	5530	16	18.1	259	1
22	5530	15	12	268	1
23	5530	14	12.4	498	1
24	5530	13	11.8	383	1
25	5530	16	14.1	429	1
26	5530	14	16.5	416	1
27	5530	16	18.5	314	1
28	5530	14	16.4	327	1
29	5530	16	13.3	426	1
30	5530	13	18.8	364	1
Detection Percentage: 93.3 % (>60%)					

Radar Type 5 Case 1 Statistical Performance

Statistics 1 (ChirpCenter Frequency: 5530.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	10	53.2	1931		0.167664	
1	3	10	58.6	1356	1577	1.424347	
2	2	10	75	1936		2.143273	
3	2	10	52.6	1702		2.839657	
4	3	10	98.1	1616	1985	3.374336	
5	1	10	87.1			4.502679	
6	2	10	58.6	1480		5.022524	
7	3	10	55.1	1134	1958	6.314617	1
8	2	10	98.5	1959		6.825586	
9	2	10	61.4	1162		7.279857	
10	3	10	76.9	1612	1706	8.726854	
11	1	10	87.9			9.573872	
12	1	10	52.5			9.940308	
13	2	10	58	1644		10.608697	
14	3	10	98.9	1642	1071	11.697026	

Statistics 2 (ChirpCenter Frequency: 5530.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	6	64.2	1404		0.385022	
1	3	6	51.1	1567	1634	1.729132	
2	3	6	68.3	1036	1178	2.8115	
3	2	6	89.2	1579		4.279451	
4	1	6	64.9			5.402416	
5	2	6	60.3	1525		6.692937	1
6	2	6	70.6	1352		7.553602	
7	3	6	93.8	1663	1341	9.337154	
8	2	6	54.2	1013		10.130881	
9	2	6	51.5	1545		11.930991	

Statistics 3 (ChirpCenter Frequency: 5530.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	5	58.2			0.452206	
1	2	5	97.5	1599		1.177188	
2	3	5	78.4	1072	1864	1.690909	
3	2	5	93.1	1524		1.924093	
4	2	5	84	1443		2.564687	
5	2	5	98.1	1819		3.586493	
6	3	5	86.2	1974	1353	4.04156	
7	2	5	73.6	1694		4.70416	
8	2	5	62	1555		5.178329	
9	2	5	56.9	1839		6.083126	1
10	2	5	70.7	1633		6.679713	
11	1	5	96.8			7.308228	
12	2	5	92.6	1418		7.688069	
13	2	5	72.4	1623		8.372747	
14	2	5	68	1043		9.461033	
15	1	5	72			9.528917	
16	1	5	59.4			10.630262	
17	1	5	99.4			11.310666	
18	3	5	90.4	1341	1372	11.768839	

Statistics 4 (ChirpCenter Frequency: 5530.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	6	78.3	1198	1475	0.368265	
1	3	6	91.2	1607	1699	0.815332	
2	2	6	90.4	1359		1.830956	
3	3	6	96.6	1583	1924	2.721497	
4	3	6	87.4	1384	1744	3.492866	
5	2	6	82.3	1585		3.970086	
6	2	6	56.1	1318		4.731384	
7	3	6	90.2	1627	1385	5.597927	
8	1	6	95.2			5.720335	1
9	3	6	99.8	1141	1144	6.434206	
10	3	6	67.4	1826	1389	7.707175	
11	2	6	79.3	1292		7.974984	
12	3	6	89.5	1682	1679	8.709808	
13	3	6	64.4	1825	1123	9.850093	
14	1	6	50.6			10.121525	
15	3	6	67.7	1327	1793	11.216141	
16	2	6	92.9	1325		11.906319	

Statistics 5(ChirpCenter Frequency: 5530.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	6	70.9			0.055237	1
1	1	6	98.4			1.076513	
2	2	6	70.3	1402		2.330537	
3	2	6	56	1799		3.019669	
4	2	6	62.7	1437		3.884573	
5	2	6	95.1	1257		4.310457	
6	3	6	61.7	1247	1002	5.731157	
7	2	6	82.2	1770		6.441385	
8	1	6	93			6.996757	
9	2	6	51.2	1779		8.301966	
10	2	6	79.9	1396		8.765	
11	1	6	59.2			9.81768	
12	2	6	51.6	1168		10.664633	
13	2	6	95.1	1755		11.321223	

Statistics 6 (ChirpCenter Frequency: 5530.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	9	54.1	1913		0.65032	1
1	2	9	62	1582		1.368344	
2	1	9	86.1			2.685177	
3	3	9	67	1033	1837	3.956205	
4	2	9	91.2	1201		4.789863	
5	1	9	57.7			5.7196	
6	3	9	63.5	1523	1654	6.58694	
7	2	9	83.7	1187		8.134325	
8	2	9	52.4	1381		9.772828	
9	2	9	83.2	1328		10.633202	
10	2	9	70.2	1445		11.902273	

Statistics 7(ChirpCenter Frequency: 5530.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	14	55.3	1094		0.512863	0
1	2	14	91.5	1749		2.637525	
2	1	14	73.4			2.748211	
3	3	14	55.3	1444	1489	4.68768	
4	2	14	53.3	1875		6.459281	
5	2	14	71.7	1945		7.204784	
6	3	14	60.9	1330	1377	8.167023	
7	1	14	83			9.679556	
8	1	14	53.5			10.952432	

Statistics 8 (ChirpCenter Frequency: 5530.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	13	63.9	1720		0.380271	
1	2	13	74.4	1919		0.82497	
2	3	13	60.6	1704	1731	1.69278	
3	2	13	69.9	1268		1.84639	
4	2	13	85.2	1061		2.603631	
5	2	13	83.8	1656		3.471558	
6	2	13	75.3	1550		4.103112	
7	1	13	89.8			4.404937	
8	2	13	65.8	1413		5.204254	
9	2	13	52.3	1260		5.436664	
10	3	13	57.5	1279	1294	6.034132	1
11	3	13	93.9	1111	1772	7.190701	
12	2	13	52.8	1192		7.382462	
13	3	13	65.1	1738	1561	7.878459	
14	2	13	70.6	1726		8.413989	
15	3	13	74.7	1794	1970	9.50241	
16	3	13	68.4	1725	1650	10.056214	
17	3	13	57.9	1359	1468	10.672021	
18	1	13	63			11.182395	
19	2	13	53.1	1035		11.970559	

Statistics 9 (ChirpCenter Frequency: 5530.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	15	62.2	1756		0.270848	
1	2	15	71.2	1078		1.218679	
2	2	15	58.8	1938		1.700017	
3	1	15	55.7			2.288279	
4	3	15	76.5	1636	1125	3.092171	
5	2	15	73.2	1062		3.597961	
6	2	15	82.1	1948		4.19154	
7	1	15	74.4			4.531336	
8	2	15	83.2	1858		5.34685	
9	1	15	74.3			5.694544	
10	1	15	65			6.728217	
11	2	15	92.2	1270		7.306418	
12	3	15	64.9	1207	1152	7.833584	
13	2	15	88.3	1217		8.833976	
14	1	15	72.5			9.032817	
15	2	15	92.2	1597		9.90548	
16	3	15	67.1	1868	1131	10.209963	
17	1	15	98.6			11.093301	
18	1	15	86.8			11.864114	

Statistics 10 (ChirpCenter Frequency: 5530.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	12	57.5			0.285096	
1	3	12	75.5	1324	1204	1.635268	
2	2	12	70.3	1694		2.015855	
3	2	12	54.2	1830		2.972144	
4	2	12	81.6	1954		4.235913	
5	3	12	91.8	1218	1685	4.707869	
6	2	12	96.8	1164		6.098771	1
7	1	12	98			7.123344	
8	3	12	78.1	1428	1295	8.180546	
9	2	12	77.7	1396		8.596399	
10	1	12	81			10.102241	
11	2	12	85.8	1358		10.381494	
12	3	12	52.8	1712	1971	11.319056	

Radar Type 5 Case 2 Statistical Performance

Statistics 1 (ChirpCenter Frequency: 5496.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	15	62.9	1955		0.09454	
1	3	15	85.9	1809	1964	1.376154	
2	3	15	55.4	1741	1993	2.084731	
3	2	15	58	1164		2.219717	
4	3	15	53.4	1660	1089	3.238224	
5	2	15	74.3	1460		3.888978	
6	1	15	68.7			4.241684	
7	1	15	80.1			5.228159	
8	2	15	52.4	1377		6.271241	1
9	2	15	77.2	1918		6.480706	
10	1	15	51.2			7.753506	
11	3	15	88.9	1744	1633	8.162803	
12	1	15	62			8.903744	
13	2	15	82.1	1196		9.663191	
14	2	15	93	1687		10.515499	
15	2	15	64.8	1747		11.225135	
16	1	15	54.1			11.395289	

Statistics 2 (ChirpCenter Frequency: 5496.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	15	91.3	1913		0.545805	
1	2	15	70.5	1673		0.865702	
2	2	15	86	1617		1.247252	
3	3	15	94.7	1011	1187	2.041629	
4	2	15	69.9	1448		2.79124	
5	2	15	68.2	1171		3.206006	
6	2	15	52.9	1642		3.691286	
7	3	15	94.8	1742	1823	4.421827	
8	1	15	59.4			4.970776	
9	3	15	94.8	1064	1561	5.832799	
10	2	15	95.6	1256		6.105463	1
11	2	15	79.6	1120		6.991594	
12	3	15	58.5	1630	1067	7.446158	
13	2	15	56.8	1894		8.198113	
14	2	15	73.9	1600		8.477693	
15	3	15	98.2	1056	1523	9.152386	
16	3	15	96.9	1390	1066	10.173263	
17	1	15	88.1			10.725334	
18	2	15	54.5	1322		11.330328	
19	1	15	58.1			11.662564	

Statistics 3 (ChirpCenter Frequency: 5496.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	15	84.1			0.658928	1
1	3	15	68.7	1013	1133	2.885377	
2	1	15	54.4			3.419082	
3	2	15	95.6	1993		5.60414	
4	2	15	99.4	1234		6.220135	
5	1	15	89.2			8.744751	
6	1	15	54.6			10.067711	
7	3	15	74.9	1871	1084	10.574152	

Statistics 4 (ChirpCenter Frequency: 5495.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	12	66.9	1632		0.667382	1
1	2	12	69.8	1880		2.981438	
2	3	12	65.7	1536	1096	3.299095	
3	3	12	54.4	1978	1618	4.866296	
4	3	12	84.5	1608	1181	7.334941	
5	1	12	81.4			8.231547	
6	1	12	76.2			10.160001	
7	2	12	55.6	1789		11.362562	

Statistics 5 (ChirpCenter Frequency: 5493.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	7	88.5	1787		0.947359	1
1	3	7	64.6	1646	1749	1.353904	
2	2	7	70.3	1659		2.235289	
3	2	7	54.3	1448		3.524349	
4	3	7	98.8	1757	1528	5.104722	
5	2	7	54.9	1856		6.399344	
6	1	7	83.1			7.354804	
7	2	7	88.6	1802		8.467883	
8	1	7	72			9.28775	
9	2	7	99.9	1386		10.513168	
10	2	7	68.7	1498		11.568561	

Statistics 6 (ChirpCenter Frequency: 5493.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	7	54.1	1690		0.958816	
1	1	7	91.1			1.592548	
2	1	7	53.2			2.760974	
3	3	7	76.8	1364	1303	3.952063	
4	3	7	67.8	1325	1276	4.889762	
5	1	7	90.5			6.227944	1
6	3	7	73.7	1967	1734	7.19313	
7	2	7	83.6	1154		7.9257	
8	2	7	85.3	1778		8.809219	
9	3	7	65.7	1521	1588	10.298658	
10	1	7	77.7			11.117042	

Statistics 7 (ChirpCenter Frequency: 5498.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(uS)	Pulse 2-3 spacing(uS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	19	96.2			0.383854	
1	1	19	55.3			1.178964	
2	3	19	85.6	1541	1162	2.074789	
3	3	19	72.8	1975	1766	3.173945	
4	3	19	95.2	1158	1180	3.895189	
5	2	19	65.7	1103		5.414885	
6	2	19	77.7	1410		5.769529	1
7	3	19	68	1548	1195	7.034185	
8	2	19	59.9	1525		7.416766	
9	3	19	98.8	1092	1170	8.326539	
10	3	19	83.2	1436	1924	10.062095	
11	2	19	82.4	1055		10.903925	
12	1	19	57.7			11.541106	

Statistics 8 (ChirpCenter Frequency: 5498.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	19	75.2	1051		0.625883	1
1	3	19	53.3	1017	1059	1.284886	
2	2	19	98.8	1766		1.351701	
3	2	19	71.7	1149		2.61694	
4	2	19	52.5	1658		3.199254	
5	2	19	70.3	1610		3.90374	
6	2	19	68.4	1106		4.148646	
7	3	19	65.5	1873	1827	4.870955	
8	2	19	96.1	1630		5.62409	
9	2	19	84.9	1050		6.298262	
10	3	19	87.6	1758	1532	7.011448	
11	2	19	75.2	1169		7.428119	
12	3	19	94.5	1684	1776	8.110824	
13	2	19	88.5	1098		8.81684	
14	1	19	50.5			9.458964	
15	1	19	72			10.243184	
16	2	19	89.5	1743		11.31062	
17	1	19	61.7			11.895163	

Statistics 9 (ChirpCenter Frequency: 5316.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	9	87.4			0.595161	1
1	3	9	83.9	1720	1190	1.279381	
2	3	9	74.9	1651	1208	2.773384	
3	2	9	97	1834		4.296452	
4	1	9	55.5			4.799628	
5	2	9	93.6	1744		5.511651	
6	1	9	96.5			7.581897	
7	1	9	61.7			8.68808	
8	2	9	86.7	1829		9.232637	
9	3	9	78.7	1551	1777	9.867487	
10	2	9	55.9	1349		11.41785	

Statistics 10 (ChirpCenter Frequency: 5313.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	15	62.5	1836		0.194445	
1	1	15	66.8			0.936964	
2	3	15	85.7	1399	1813	1.389199	
3	1	15	60.1			2.449536	
4	2	15	81.4	1795		2.877644	
5	3	15	60.2	1585	1720	3.609563	
6	2	15	72.2	1626		4.130664	
7	2	15	65.7	1460		4.70841	
8	3	15	58	1664	1782	5.300934	
9	3	15	96.5	1051	1320	6.058355	1
10	2	15	69.5	1080		6.325639	
11	3	15	91.1	1164	1361	7.074322	
12	3	15	57.4	1676	1265	7.885292	
13	3	15	51.3	1380	1866	8.564544	
14	3	15	99.2	1755	1619	9.049647	
15	2	15	80.9	1665		10.03101	
16	2	15	75.4	1244		10.207077	
17	1	15	99.2			11.170481	
18	3	15	84.1	1497	1543	11.49229	

Radar Type 5 Case 3 Statistical Performance

Statistics 1 (ChirpCenter Frequency: 5566.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	9	92	1264	1173	0.540522	
1	2	9	64.2	1372		1.058598	
2	1	9	87.8			1.556902	
3	3	9	86.9	1781	1642	2.020599	
4	3	9	61.4	1990	1696	2.753488	
5	2	9	99.4	1613		3.671496	
6	2	9	51.6	1545		3.84228	
7	3	9	89	1101	1348	4.941841	
8	2	9	71	1087		5.558796	
9	2	9	89.3	1110		5.913917	1
10	1	9	70.3			6.321193	
11	2	9	84.4	1433		7.418417	
12	1	9	52.7			7.701566	
13	1	9	55.3			8.480792	
14	2	9	50.3	1623		9.367242	
15	2	9	74.6	1934		9.538243	
16	1	9	75.5			10.728856	
17	2	9	78.5	1352		10.854091	
18	1	9	57.2			11.796395	

Statistics 2 (ChirpCenter Frequency: 5568.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	5	58.4	1993	1954	0.419247	
1	2	5	55.5	1455		0.827778	
2	3	5	75.9	1898	1625	2.348215	
3	2	5	57.4	1749		2.505711	
4	2	5	96.2	1612		3.965867	
5	2	5	91.1	1804		4.063564	
6	2	5	70.7	1174		5.065209	
7	1	5	57			5.861808	1
8	1	5	57.5			6.958629	
9	1	5	98.2			7.632949	
10	1	5	89.9			8.255061	
11	2	5	60.4	1943		8.863997	
12	1	5	87.8			10.063885	
13	3	5	96.9	1781	1498	11.159381	
14	1	5	97.9			11.837209	

Statistics 3 (ChirpCenter Frequency: 5565.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	12	55.5	1671		0.445078	
1	2	12	81.5	1723		1.440981	
2	2	12	77.1	1100		2.330031	
3	2	12	87.6	1611		3.652742	
4	1	12	81.3			4.877385	
5	3	12	67.5	1534	1166	5.895566	
6	3	12	87.2	1394	1780	6.101415	1
7	2	12	92.1	1201		7.415534	
8	3	12	77.5	1025	1574	8.622712	
9	1	12	60.4			9.889281	
10	3	12	86.2	1845	1179	10.266781	
11	1	12	83.2			11.307116	

Statistics 4 (ChirpCenter Frequency: 5564.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	14	78.3	1864		0.00744	
1	3	14	71.7	1696	1564	0.89909	
2	2	14	55.6	1203		1.568988	
3	2	14	96.9	1162		2.284036	
4	3	14	77.8	1196	1600	2.957677	
5	1	14	81			4.019753	
6	3	14	64.1	1943	1351	4.596327	
7	1	14	87.1			5.505015	
8	2	14	62.1	1026		6.043184	
9	2	14	59	1692		6.508752	1
10	1	14	99.7			7.121338	
11	2	14	55.4	1969		7.968939	
12	2	14	78.8	1329		8.659224	
13	2	14	97.7	1553		9.491795	
14	2	14	66.1	1518		10.215532	
15	2	14	66	1237		11.168864	
16	1	14	72.4			11.356313	

Statistics 5 (ChirpCenter Frequency: 5564.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	15	92.8			0.560613	
1	3	15	58.1	1470	1830	1.883354	
2	2	15	79.1	1785		3.656049	
3	2	15	85.6	1733		5.173004	
4	2	15	94.1	1992		6.375967	1
5	2	15	55.2	1238		6.680104	
6	1	15	68.6			9.160055	
7	2	15	91.4	1579		10.003291	
8	2	15	82.4	1777		10.835118	

Statistics 6 (ChirpCenter Frequency: 5564.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	16	63.8	1440		0.47564	
1	2	16	78	1866		1.327858	
2	2	16	98.6	1667		2.179373	
3	2	16	89.6	1526		2.777462	
4	2	16	73.7	1964		4.197697	
5	3	16	95.7	1716	1394	4.861692	
6	2	16	60.6	1142		6.445537	1
7	3	16	89.1	1413	1504	6.908042	
8	1	16	63.6			8.043543	
9	1	16	85.7			8.390018	
10	2	16	75.9	1787		9.537717	
11	2	16	62.9	1208		10.429239	
12	1	16	64.4			11.29244	

Statistics 7 (ChirpCenter Frequency: 5564.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	14	58.9	1901		0.265719	
1	3	14	97.3	1930	1071	1.600438	
2	2	14	73	1749		2.273135	
3	2	14	88.3	1281		2.931134	
4	3	14	78.9	1387	1699	4.338782	
5	1	14	66.6			4.783782	
6	3	14	77.6	1913	1620	5.911216	1
7	1	14	63			6.988267	
8	2	14	77.3	1740		7.708971	
9	2	14	76.3	1233		8.487542	
10	2	14	88.8	1367		9.684886	
11	2	14	71.6	1971		10.711787	
12	3	14	72.6	1671	1668	11.850548	

Statistics 8 (ChirpCenter Frequency: 5564.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	14	65.7	1422		0.283644	1
1	1	14	64.2			0.818703	
2	2	14	61.4	1860		2.156575	
3	1	14	56.9			2.431779	
4	3	14	71.9	1428	1274	3.339805	
5	1	14	69.3			4.361291	
6	2	14	67.8	1663		4.767814	
7	1	14	65.1			5.974567	
8	2	14	86.8	1742		6.117265	
9	3	14	78.1	1484	1534	7.104912	
10	2	14	84.3	1490		7.563368	
11	1	14	51.1			8.743145	
12	2	14	65.6	1598		9.614816	
13	2	14	92.2	1699		9.959636	
14	3	14	77.5	1112	1617	10.502409	
15	3	14	96.7	1597	1742	11.529051	

Statistics 9 (ChirpCenter Frequency: 5562.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	20	72.8	1543	1149	0.257699	
1	2	20	71.2	1413		0.795688	
2	3	20	63.3	1968	1839	1.263373	
3	3	20	95.3	1571	1357	2.410921	
4	2	20	95.1	1012		3.036485	
5	1	20	74.8			3.70758	
6	3	20	63.9	1763	1845	4.117836	
7	2	20	96.6	1175		4.855324	
8	2	20	54.6	1651		5.520434	
9	2	20	51	1332		6.099753	1
10	1	20	67.3			6.380801	
11	1	20	88.2			7.441263	
12	2	20	98.5	1679		7.96085	
13	1	20	76.5			8.81883	
14	2	20	77.3	1376		9.303935	
15	2	20	55.7	1498		9.92014	
16	2	20	84.6	1917		10.311537	
17	3	20	59.5	1656	1027	10.741773	
18	1	20	58.3			11.647551	

Statistics 10 (ChirpCenter Frequency: 5564.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	16	74.2	1786		0.700457	
1	2	16	90.3	1577		0.759482	
2	3	16	63.2	1486	1026	1.502278	
3	2	16	69.7	1831		2.763374	
4	2	16	77.7	1830		3.204848	
5	2	16	78.2	1796		3.846405	
6	1	16	67.2			4.343284	
7	1	16	55.4			5.604548	
8	2	16	62	1343		6.158148	1
9	2	16	62.7	1567		6.637131	
10	2	16	50.5	1853		7.7041	
11	2	16	89.6	1150		8.333815	
12	2	16	73.9	1274		8.495687	
13	2	16	83.3	1919		9.344999	
14	2	16	79.1	1236		9.980364	
15	3	16	65.9	1204	1086	10.77665	
16	2	16	52.2	1043		11.752664	

Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)	Hopping Sequence (MHz)
1	5530	9	1	333	1	5638.0, 5500.0, 5484.0, 5617.0, 5352.0, 5318.0, 5681.0, 5666.0, 5265.0, 5576.0, 5539.0, 5486.0, 5280.0, 5284.0, 5420.0, 5473.0, 5367.0, 5309.0, 5386.0, 5400.0, 5469.0, 5611.0, 5429.0, 5466.0, 5585.0, 5572.0, 5288.0, 5255.0, 5462.0, 5606.0, 5269.0, 5718.0, 5624.0, 5442.0, 5388.0, 5455.0, 5418.0, 5619.0, 5669.0, 5642.0, 5326.0, 5290.0, 5438.0, 5715.0, 5377.0, 5601.0, 5289.0, 5252.0, 5474.0, 5391.0, 5382.0, 5653.0, 5408.0, 5432.0, 5385.0, 5437.0, 5261.0, 5567.0, 5722.0, 5446.0, 5531.0, 5424.0, 5612.0, 5692.0, 5423.0, 5529.0, 5628.0, 5311.0, 5295.0, 5412.0, 5561.0, 5580.0, 5251.0, 5395.0, 5684.0, 5407.0, 5597.0, 5701.0, 5378.0, 5449.0, 5693.0, 5349.0, 5428.0, 5260.0, 5324.0, 5266.0, 5488.0, 5544.0, 5670.0, 5405.0, 5704.0, 5399.0, 5468.0, 5373.0, 5662.0, 5316.0, 5697.0, 5526.0, 5358.0, 5588.0 (number of hits: 8)
2	5530	9	1	333	1	5585.0, 5489.0, 5426.0, 5502.0, 5378.0, 5549.0, 5338.0, 5355.0, 5300.0, 5535.0, 5619.0, 5255.0, 5292.0, 5490.0, 5290.0, 5302.0, 5557.0, 5434.0, 5416.0, 5723.0, 5319.0, 5339.0, 5617.0, 5507.0, 5267.0, 5543.0, 5695.0, 5649.0, 5606.0, 5553.0, 5422.0, 5340.0, 5672.0, 5365.0, 5385.0, 5268.0, 5351.0, 5719.0, 5533.0, 5297.0, 5642.0, 5558.0, 5450.0, 5295.0, 5443.0, 5485.0, 5609.0, 5494.0, 5655.0, 5298.0, 5622.0, 5509.0, 5417.0, 5397.0, 5650.0, 5555.0, 5476.0, 5660.0, 5707.0, 5676.0, 5323.0, 5393.0, 5460.0, 5424.0, 5692.0, 5362.0, 5358.0, 5407.0, 5349.0, 5381.0, 5277.0, 5405.0, 5677.0, 5614.0, 5278.0, 5437.0, 5334.0, 5559.0, 5712.0, 5605.0, 5311.0, 5352.0, 5369.0, 5439.0, 5635.0, 5331.0, 5390.0, 5613.0, 5504.0, 5301.0, 5547.0, 5654.0, 5468.0, 5608.0, 5567.0, 5332.0, 5657.0, 5552.0, 5686.0, 5592.0 (number of hits: 18)
3	5530	9	1	333	1	5374.0, 5434.0, 5499.0, 5502.0, 5689.0, 5363.0, 5600.0, 5301.0, 5346.0, 5379.0, 5606.0, 5302.0, 5382.0, 5319.0, 5415.0, 5585.0, 5315.0, 5536.0, 5267.0, 5393.0, 5348.0, 5623.0, 5318.0, 5287.0, 5701.0, 5389.0, 5590.0, 5385.0, 5417.0, 5426.0, 5716.0, 5508.0, 5648.0, 5618.0, 5717.0, 5469.0, 5412.0, 5656.0, 5473.0, 5438.0, 5630.0, 5334.0, 5400.0, 5273.0, 5435.0, 5274.0, 5253.0, 5331.0, 5670.0, 5468.0, 5596.0, 5317.0, 5455.0, 5256.0, 5378.0, 5493.0, 5517.0, 5650.0, 5341.0, 5637.0,

						5495.0, 5642.0, 5427.0, 5702.0, 5406.0, 5579.0, 5443.0, 5330.0, 5539.0, 5342.0, 5252.0, 5359.0, 5413.0, 5326.0, 5465.0, 5386.0, 5529.0, 5433.0, 5578.0, 5447.0, 5370.0, 5263.0, 5611.0, 5715.0, 5404.0, 5588.0, 5649.0, 5543.0, 5695.0, 5615.0, 5713.0, 5268.0, 5640.0, 5683.0, 5398.0, 5492.0, 5654.0, 5477.0, 5558.0, 5504.0 (number of hits: 13)
4	5530	9	1	333	1	5273.0, 5533.0, 5612.0, 5534.0, 5648.0, 5269.0, 5481.0, 5593.0, 5354.0, 5391.0, 5694.0, 5558.0, 5702.0, 5609.0, 5384.0, 5315.0, 5663.0, 5264.0, 5329.0, 5344.0, 5538.0, 5423.0, 5405.0, 5317.0, 5637.0, 5287.0, 5261.0, 5382.0, 5471.0, 5644.0, 5292.0, 5389.0, 5465.0, 5335.0, 5386.0, 5584.0, 5425.0, 5265.0, 5548.0, 5457.0, 5426.0, 5357.0, 5359.0, 5345.0, 5294.0, 5567.0, 5679.0, 5691.0, 5462.0, 5291.0, 5352.0, 5390.0, 5641.0, 5530.0, 5688.0, 5701.0, 5525.0, 5514.0, 5377.0, 5500.0, 5537.0, 5636.0, 5383.0, 5659.0, 5623.0, 5511.0, 5685.0, 5295.0, 5649.0, 5363.0, 5708.0, 5705.0, 5697.0, 5600.0, 5396.0, 5660.0, 5438.0, 5296.0, 5591.0, 5394.0, 5456.0, 5453.0, 5608.0, 5409.0, 5709.0, 5271.0, 5356.0, 5529.0, 5601.0, 5491.0, 5658.0, 5415.0, 5476.0, 5678.0, 5379.0, 5253.0, 5666.0, 5270.0, 5361.0, 5639.0 (number of hits: 14)
5	5530	9	1	333	1	5647.0, 5691.0, 5347.0, 5613.0, 5583.0, 5560.0, 5349.0, 5260.0, 5278.0, 5578.0, 5452.0, 5273.0, 5340.0, 5530.0, 5545.0, 5536.0, 5677.0, 5639.0, 5426.0, 5461.0, 5692.0, 5478.0, 5395.0, 5343.0, 5305.0, 5465.0, 5501.0, 5525.0, 5469.0, 5620.0, 5384.0, 5282.0, 5547.0, 5555.0, 5475.0, 5489.0, 5435.0, 5442.0, 5569.0, 5617.0, 5258.0, 5272.0, 5667.0, 5550.0, 5619.0, 5625.0, 5325.0, 5669.0, 5326.0, 5284.0, 5638.0, 5675.0, 5295.0, 5447.0, 5676.0, 5250.0, 5705.0, 5281.0, 5688.0, 5316.0, 5323.0, 5577.0, 5337.0, 5600.0, 5605.0, 5458.0, 5538.0, 5460.0, 5517.0, 5472.0, 5330.0, 5416.0, 5597.0, 5608.0, 5289.0, 5345.0, 5599.0, 5313.0, 5443.0, 5607.0, 5368.0, 5565.0, 5643.0, 5670.0, 5261.0, 5422.0, 5276.0, 5296.0, 5556.0, 5283.0, 5405.0, 5477.0, 5428.0, 5553.0, 5703.0, 5592.0, 5338.0, 5510.0, 5396.0, 5506.0 (number of hits: 17)
6	5530	9	1	333	1	5512.0, 5597.0, 5530.0, 5456.0, 5317.0, 5630.0, 5623.0, 5697.0, 5712.0, 5577.0, 5708.0, 5252.0, 5539.0, 5362.0, 5267.0, 5490.0, 5496.0, 5301.0, 5541.0, 5628.0, 5584.0, 5253.0, 5364.0, 5567.0, 5510.0, 5298.0, 5360.0, 5284.0, 5614.0, 5307.0, 5265.0, 5295.0, 5690.0, 5443.0, 5464.0, 5700.0, 5537.0, 5415.0, 5264.0, 5260.0,

						5314.0, 5389.0, 5635.0, 5436.0, 5457.0, 5259.0, 5458.0, 5637.0, 5646.0, 5320.0, 5329.0, 5689.0, 5353.0, 5355.0, 5710.0, 5418.0, 5619.0, 5425.0, 5702.0, 5668.0, 5498.0, 5542.0, 5411.0, 5372.0, 5627.0, 5309.0, 5328.0, 5504.0, 5294.0, 5682.0, 5397.0, 5285.0, 5575.0, 5483.0, 5402.0, 5655.0, 5514.0, 5465.0, 5278.0, 5721.0, 5499.0, 5611.0, 5688.0, 5563.0, 5644.0, 5379.0, 5491.0, 5605.0, 5615.0, 5257.0, 5648.0, 5352.0, 5589.0, 5629.0, 5559.0, 5633.0, 5266.0, 5489.0, 5388.0, 5661.0 (number of hits: 17)
7	5530	9	1	333	1	5359.0, 5706.0, 5271.0, 5456.0, 5412.0, 5312.0, 5511.0, 5390.0, 5715.0, 5621.0, 5448.0, 5378.0, 5495.0, 5392.0, 5523.0, 5341.0, 5463.0, 5693.0, 5668.0, 5563.0, 5471.0, 5422.0, 5304.0, 5596.0, 5364.0, 5380.0, 5552.0, 5545.0, 5279.0, 5357.0, 5512.0, 5628.0, 5419.0, 5611.0, 5639.0, 5510.0, 5254.0, 5391.0, 5593.0, 5455.0, 5308.0, 5581.0, 5607.0, 5360.0, 5659.0, 5295.0, 5546.0, 5458.0, 5490.0, 5325.0, 5371.0, 5524.0, 5255.0, 5522.0, 5333.0, 5708.0, 5498.0, 5605.0, 5385.0, 5470.0, 5586.0, 5343.0, 5646.0, 5690.0, 5459.0, 5272.0, 5663.0, 5253.0, 5551.0, 5297.0, 5496.0, 5428.0, 5636.0, 5466.0, 5443.0, 5583.0, 5416.0, 5329.0, 5573.0, 5296.0, 5536.0, 5328.0, 5597.0, 5356.0, 5361.0, 5327.0, 5379.0, 5401.0, 5638.0, 5676.0, 5462.0, 5331.0, 5478.0, 5284.0, 5692.0, 5445.0, 5687.0, 5508.0, 5685.0, 5529.0 (number of hits: 18)
8	5530	9	1	333	1	5485.0, 5403.0, 5710.0, 5590.0, 5585.0, 5404.0, 5595.0, 5671.0, 5382.0, 5443.0, 5495.0, 5602.0, 5639.0, 5635.0, 5645.0, 5327.0, 5259.0, 5537.0, 5455.0, 5413.0, 5445.0, 5407.0, 5355.0, 5518.0, 5415.0, 5365.0, 5510.0, 5580.0, 5425.0, 5696.0, 5422.0, 5617.0, 5486.0, 5411.0, 5298.0, 5265.0, 5364.0, 5399.0, 5370.0, 5603.0, 5539.0, 5651.0, 5574.0, 5571.0, 5345.0, 5532.0, 5359.0, 5417.0, 5346.0, 5392.0, 5362.0, 5369.0, 5421.0, 5705.0, 5614.0, 5387.0, 5390.0, 5717.0, 5337.0, 5489.0, 5473.0, 5611.0, 5687.0, 5462.0, 5504.0, 5386.0, 5592.0, 5447.0, 5720.0, 5633.0, 5278.0, 5708.0, 5274.0, 5394.0, 5469.0, 5667.0, 5331.0, 5616.0, 5704.0, 5347.0, 5560.0, 5541.0, 5309.0, 5694.0, 5508.0, 5604.0, 5439.0, 5655.0, 5626.0, 5660.0, 5685.0, 5266.0, 5436.0, 5460.0, 5263.0, 5464.0, 5564.0, 5450.0, 5270.0, 5666.0 (number of hits: 11)
9	5530	9	1	333	1	5400.0, 5475.0, 5294.0, 5352.0, 5701.0, 5480.0, 5377.0, 5338.0, 5491.0, 5572.0, 5447.0, 5351.0, 5620.0, 5672.0, 5668.0, 5616.0, 5349.0, 5317.0, 5270.0, 5524.0,

						5378.0, 5596.0, 5647.0, 5569.0, 5666.0, 5485.0, 5501.0, 5347.0, 5562.0, 5487.0, 5566.0, 5595.0, 5451.0, 5272.0, 5326.0, 5454.0, 5341.0, 5612.0, 5599.0, 5478.0, 5609.0, 5646.0, 5444.0, 5500.0, 5636.0, 5441.0, 5397.0, 5649.0, 5707.0, 5452.0, 5320.0, 5345.0, 5282.0, 5526.0, 5370.0, 5621.0, 5655.0, 5306.0, 5276.0, 5549.0, 5687.0, 5658.0, 5357.0, 5553.0, 5684.0, 5419.0, 5460.0, 5302.0, 5691.0, 5592.0, 5356.0, 5512.0, 5278.0, 5427.0, 5423.0, 5265.0, 5695.0, 5437.0, 5682.0, 5712.0, 5383.0, 5307.0, 5577.0, 5634.0, 5509.0, 5522.0, 5413.0, 5545.0, 5364.0, 5490.0, 5631.0, 5603.0, 5714.0, 5271.0, 5499.0, 5674.0, 5694.0, 5298.0, 5432.0, 5555.0 (number of hits: 17)
10	5530	9	1	333	1	5611.0, 5513.0, 5488.0, 5338.0, 5654.0, 5673.0, 5650.0, 5575.0, 5599.0, 5717.0, 5479.0, 5489.0, 5510.0, 5366.0, 5417.0, 5533.0, 5396.0, 5686.0, 5644.0, 5294.0, 5369.0, 5419.0, 5308.0, 5515.0, 5705.0, 5275.0, 5722.0, 5524.0, 5399.0, 5588.0, 5404.0, 5269.0, 5658.0, 5347.0, 5288.0, 5451.0, 5594.0, 5506.0, 5519.0, 5384.0, 5466.0, 5458.0, 5380.0, 5402.0, 5320.0, 5334.0, 5429.0, 5573.0, 5607.0, 5562.0, 5576.0, 5561.0, 5486.0, 5361.0, 5268.0, 5264.0, 5253.0, 5610.0, 5712.0, 5257.0, 5499.0, 5390.0, 5252.0, 5620.0, 5676.0, 5386.0, 5441.0, 5568.0, 5440.0, 5719.0, 5518.0, 5684.0, 5624.0, 5392.0, 5286.0, 5613.0, 5476.0, 5494.0, 5704.0, 5337.0, 5301.0, 5590.0, 5483.0, 5352.0, 5467.0, 5455.0, 5706.0, 5530.0, 5444.0, 5646.0, 5495.0, 5474.0, 5448.0, 5715.0, 5501.0, 5678.0, 5428.0, 5313.0, 5592.0, 5394.0 (number of hits: 16)
11	5530	9	1	333	1	5636.0, 5569.0, 5462.0, 5383.0, 5503.0, 5670.0, 5703.0, 5563.0, 5454.0, 5656.0, 5477.0, 5370.0, 5516.0, 5316.0, 5440.0, 5632.0, 5434.0, 5683.0, 5578.0, 5608.0, 5461.0, 5666.0, 5419.0, 5616.0, 5314.0, 5421.0, 5602.0, 5453.0, 5675.0, 5394.0, 5270.0, 5277.0, 5652.0, 5349.0, 5266.0, 5274.0, 5411.0, 5352.0, 5290.0, 5356.0, 5426.0, 5593.0, 5544.0, 5283.0, 5325.0, 5639.0, 5402.0, 5579.0, 5500.0, 5335.0, 5271.0, 5439.0, 5719.0, 5321.0, 5676.0, 5489.0, 5514.0, 5550.0, 5507.0, 5362.0, 5435.0, 5589.0, 5510.0, 5267.0, 5408.0, 5712.0, 5443.0, 5626.0, 5601.0, 5359.0, 5308.0, 5713.0, 5364.0, 5627.0, 5374.0, 5529.0, 5355.0, 5612.0, 5657.0, 5549.0, 5576.0, 5624.0, 5404.0, 5432.0, 5505.0, 5488.0, 5685.0, 5466.0, 5709.0, 5560.0, 5350.0, 5607.0, 5398.0, 5353.0, 5278.0, 5707.0, 5317.0, 5580.0, 5377.0, 5633.0 (number of hits: 14)

12	5530	9	1	333	1	5386.0, 5393.0, 5308.0, 5569.0, 5413.0, 5523.0, 5360.0, 5641.0, 5510.0, 5361.0, 5359.0, 5487.0, 5551.0, 5488.0, 5431.0, 5396.0, 5512.0, 5546.0, 5642.0, 5445.0, 5637.0, 5707.0, 5534.0, 5529.0, 5633.0, 5282.0, 5648.0, 5268.0, 5258.0, 5696.0, 5659.0, 5483.0, 5269.0, 5687.0, 5313.0, 5634.0, 5395.0, 5608.0, 5279.0, 5299.0, 5446.0, 5571.0, 5254.0, 5593.0, 5434.0, 5661.0, 5678.0, 5521.0, 5341.0, 5409.0, 5653.0, 5658.0, 5688.0, 5710.0, 5316.0, 5502.0, 5686.0, 5381.0, 5485.0, 5612.0, 5556.0, 5547.0, 5555.0, 5442.0, 5250.0, 5590.0, 5673.0, 5553.0, 5345.0, 5702.0, 5609.0, 5300.0, 5584.0, 5274.0, 5528.0, 5479.0, 5579.0, 5720.0, 5475.0, 5701.0, 5606.0, 5721.0, 5681.0, 5552.0, 5486.0, 5664.0, 5351.0, 5323.0, 5304.0, 5704.0, 5469.0, 5566.0, 5629.0, 5490.0, 5312.0, 5430.0, 5635.0, 5598.0, 5591.0, 5408.0 (number of hits: 18)
13	5530	9	1	333	1	5594.0, 5514.0, 5427.0, 5329.0, 5453.0, 5639.0, 5723.0, 5288.0, 5334.0, 5422.0, 5338.0, 5459.0, 5348.0, 5537.0, 5595.0, 5259.0, 5481.0, 5410.0, 5477.0, 5609.0, 5276.0, 5633.0, 5386.0, 5558.0, 5702.0, 5281.0, 5463.0, 5529.0, 5436.0, 5384.0, 5585.0, 5372.0, 5620.0, 5307.0, 5376.0, 5292.0, 5615.0, 5621.0, 5690.0, 5382.0, 5565.0, 5476.0, 5632.0, 5712.0, 5287.0, 5658.0, 5599.0, 5505.0, 5511.0, 5646.0, 5269.0, 5374.0, 5482.0, 5277.0, 5650.0, 5434.0, 5567.0, 5366.0, 5715.0, 5697.0, 5256.0, 5651.0, 5671.0, 5490.0, 5667.0, 5628.0, 5566.0, 5700.0, 5705.0, 5580.0, 5545.0, 5479.0, 5638.0, 5557.0, 5261.0, 5495.0, 5677.0, 5509.0, 5428.0, 5399.0, 5270.0, 5440.0, 5420.0, 5312.0, 5280.0, 5616.0, 5540.0, 5368.0, 5649.0, 5369.0, 5661.0, 5669.0, 5289.0, 5462.0, 5359.0, 5513.0, 5605.0, 5367.0, 5680.0, 5373.0 (number of hits: 16)
14	5530	9	1	333	1	5438.0, 5695.0, 5597.0, 5603.0, 5687.0, 5510.0, 5487.0, 5443.0, 5346.0, 5384.0, 5360.0, 5668.0, 5258.0, 5654.0, 5516.0, 5418.0, 5303.0, 5479.0, 5391.0, 5400.0, 5660.0, 5491.0, 5532.0, 5611.0, 5600.0, 5524.0, 5653.0, 5270.0, 5458.0, 5490.0, 5593.0, 5650.0, 5274.0, 5625.0, 5558.0, 5474.0, 5703.0, 5286.0, 5417.0, 5557.0, 5420.0, 5461.0, 5430.0, 5700.0, 5644.0, 5632.0, 5515.0, 5328.0, 5357.0, 5425.0, 5256.0, 5392.0, 5342.0, 5481.0, 5702.0, 5364.0, 5399.0, 5419.0, 5718.0, 5370.0, 5588.0, 5604.0, 5411.0, 5390.0, 5320.0, 5462.0, 5547.0, 5371.0, 5493.0, 5366.0, 5299.0, 5428.0, 5575.0, 5488.0, 5465.0, 5431.0, 5555.0, 5673.0, 5592.0, 5594.0, 5656.0, 5572.0, 5296.0, 5530.0, 5612.0,

						5451.0, 5565.0, 5447.0, 5615.0, 5396.0, 5502.0, 5300.0, 5273.0, 5355.0, 5689.0, 5358.0, 5521.0, 5363.0, 5332.0, 5352.0 (number of hits: 16)
15	5530	9	1	333	1	5684.0, 5315.0, 5590.0, 5515.0, 5528.0, 5665.0, 5680.0, 5397.0, 5415.0, 5608.0, 5646.0, 5301.0, 5290.0, 5411.0, 5310.0, 5360.0, 5357.0, 5334.0, 5361.0, 5351.0, 5474.0, 5698.0, 5541.0, 5703.0, 5640.0, 5510.0, 5401.0, 5410.0, 5456.0, 5340.0, 5645.0, 5383.0, 5300.0, 5548.0, 5635.0, 5560.0, 5567.0, 5341.0, 5412.0, 5625.0, 5659.0, 5554.0, 5672.0, 5641.0, 5564.0, 5465.0, 5450.0, 5629.0, 5667.0, 5303.0, 5339.0, 5427.0, 5571.0, 5708.0, 5666.0, 5545.0, 5586.0, 5581.0, 5714.0, 5419.0, 5527.0, 5316.0, 5277.0, 5627.0, 5495.0, 5639.0, 5502.0, 5375.0, 5444.0, 5546.0, 5337.0, 5676.0, 5621.0, 5555.0, 5505.0, 5346.0, 5424.0, 5589.0, 5702.0, 5566.0, 5668.0, 5522.0, 5553.0, 5271.0, 5309.0, 5322.0, 5551.0, 5503.0, 5606.0, 5491.0, 5434.0, 5713.0, 5467.0, 5655.0, 5709.0, 5717.0, 5329.0, 5574.0, 5501.0, 5269.0 (number of hits: 23)
16	5530	9	1	333	1	5642.0, 5646.0, 5660.0, 5645.0, 5644.0, 5347.0, 5453.0, 5631.0, 5494.0, 5672.0, 5423.0, 5263.0, 5354.0, 5649.0, 5674.0, 5556.0, 5410.0, 5548.0, 5560.0, 5409.0, 5407.0, 5445.0, 5517.0, 5308.0, 5330.0, 5262.0, 5425.0, 5300.0, 5687.0, 5446.0, 5361.0, 5442.0, 5457.0, 5450.0, 5392.0, 5580.0, 5412.0, 5341.0, 5375.0, 5597.0, 5578.0, 5271.0, 5515.0, 5364.0, 5437.0, 5567.0, 5419.0, 5447.0, 5348.0, 5368.0, 5334.0, 5338.0, 5650.0, 5587.0, 5382.0, 5377.0, 5624.0, 5482.0, 5304.0, 5343.0, 5469.0, 5710.0, 5296.0, 5669.0, 5362.0, 5280.0, 5715.0, 5632.0, 5306.0, 5528.0, 5408.0, 5653.0, 5287.0, 5670.0, 5319.0, 5614.0, 5273.0, 5349.0, 5462.0, 5367.0, 5477.0, 5470.0, 5481.0, 5456.0, 5634.0, 5720.0, 5459.0, 5395.0, 5598.0, 5471.0, 5707.0, 5558.0, 5475.0, 5276.0, 5466.0, 5314.0, 5681.0, 5302.0, 5563.0, 5251.0 (number of hits: 10)
17	5530	9	1	333	1	5285.0, 5548.0, 5435.0, 5619.0, 5585.0, 5364.0, 5282.0, 5402.0, 5295.0, 5703.0, 5652.0, 5417.0, 5353.0, 5546.0, 5686.0, 5259.0, 5538.0, 5367.0, 5396.0, 5523.0, 5617.0, 5468.0, 5337.0, 5708.0, 5616.0, 5452.0, 5710.0, 5685.0, 5309.0, 5723.0, 5488.0, 5275.0, 5357.0, 5568.0, 5359.0, 5365.0, 5665.0, 5636.0, 5415.0, 5721.0, 5681.0, 5324.0, 5695.0, 5587.0, 5655.0, 5561.0, 5331.0, 5541.0, 5637.0, 5382.0, 5638.0, 5442.0, 5513.0, 5500.0, 5355.0, 5534.0, 5537.0, 5563.0, 5693.0, 5416.0, 5387.0, 5313.0, 5446.0, 5532.0, 5688.0,

						5650.0, 5253.0, 5641.0, 5479.0, 5542.0, 5678.0, 5319.0, 5272.0, 5474.0, 5431.0, 5499.0, 5567.0, 5406.0, 5584.0, 5290.0, 5547.0, 5250.0, 5577.0, 5687.0, 5552.0, 5605.0, 5384.0, 5543.0, 5524.0, 5627.0, 5443.0, 5668.0, 5717.0, 5628.0, 5654.0, 5555.0, 5476.0, 5660.0, 5408.0, 5565.0 (number of hits: 22)
18	5530	9	1	333	1	5381.0, 5621.0, 5278.0, 5273.0, 5390.0, 5572.0, 5251.0, 5321.0, 5339.0, 5560.0, 5585.0, 5633.0, 5533.0, 5656.0, 5252.0, 5336.0, 5690.0, 5303.0, 5703.0, 5443.0, 5421.0, 5352.0, 5472.0, 5541.0, 5568.0, 5402.0, 5545.0, 5486.0, 5601.0, 5448.0, 5288.0, 5320.0, 5481.0, 5583.0, 5280.0, 5504.0, 5360.0, 5411.0, 5355.0, 5634.0, 5298.0, 5478.0, 5630.0, 5639.0, 5546.0, 5575.0, 5685.0, 5476.0, 5509.0, 5641.0, 5340.0, 5264.0, 5437.0, 5631.0, 5702.0, 5294.0, 5359.0, 5584.0, 5595.0, 5618.0, 5297.0, 5313.0, 5318.0, 5712.0, 5290.0, 5675.0, 5689.0, 5714.0, 5482.0, 5299.0, 5497.0, 5566.0, 5620.0, 5334.0, 5265.0, 5292.0, 5569.0, 5537.0, 5555.0, 5724.0, 5716.0, 5444.0, 5451.0, 5470.0, 5435.0, 5399.0, 5581.0, 5632.0, 5362.0, 5673.0, 5642.0, 5527.0, 5394.0, 5383.0, 5353.0, 5661.0, 5558.0, 5519.0, 5603.0, 5511.0 (number of hits: 17)
19	5530	9	1	333	0	/
20	5530	9	1	333	1	5679.0, 5704.0, 5543.0, 5327.0, 5615.0, 5655.0, 5701.0, 5703.0, 5333.0, 5530.0, 5716.0, 5681.0, 5495.0, 5715.0, 5559.0, 5686.0, 5303.0, 5287.0, 5457.0, 5661.0, 5363.0, 5407.0, 5310.0, 5654.0, 5261.0, 5450.0, 5290.0, 5405.0, 5677.0, 5421.0, 5436.0, 5589.0, 5360.0, 5680.0, 5720.0, 5699.0, 5532.0, 5471.0, 5517.0, 5698.0, 5533.0, 5719.0, 5628.0, 5523.0, 5400.0, 5265.0, 5259.0, 5554.0, 5722.0, 5576.0, 5539.0, 5606.0, 5393.0, 5425.0, 5285.0, 5385.0, 5273.0, 5398.0, 5544.0, 5697.0, 5666.0, 5705.0, 5594.0, 5334.0, 5570.0, 5556.0, 5637.0, 5389.0, 5263.0, 5446.0, 5641.0, 5426.0, 5526.0, 5509.0, 5399.0, 5714.0, 5648.0, 5690.0, 5294.0, 5473.0, 5613.0, 5352.0, 5627.0, 5588.0, 5414.0, 5708.0, 5373.0, 5549.0, 5346.0, 5595.0, 5330.0, 5634.0, 5527.0, 5707.0, 5650.0, 5250.0, 5649.0, 5312.0, 5688.0, 5326.0 (number of hits: 16)
21	5530	9	1	333	1	5646.0, 5721.0, 5693.0, 5434.0, 5711.0, 5656.0, 5505.0, 5427.0, 5380.0, 5452.0, 5407.0, 5546.0, 5516.0, 5589.0, 5524.0, 5402.0, 5573.0, 5709.0, 5700.0, 5373.0, 5485.0, 5598.0, 5642.0, 5396.0, 5653.0, 5256.0, 5702.0, 5491.0, 5448.0, 5261.0, 5351.0, 5661.0, 5406.0, 5470.0, 5439.0, 5298.0, 5643.0, 5460.0, 5433.0, 5583.0,

						5613.0, 5265.0, 5293.0, 5595.0, 5379.0, 5390.0, 5667.0, 5506.0, 5545.0, 5638.0, 5463.0, 5547.0, 5442.0, 5686.0, 5548.0, 5671.0, 5592.0, 5363.0, 5454.0, 5604.0, 5626.0, 5370.0, 5289.0, 5668.0, 5437.0, 5326.0, 5295.0, 5551.0, 5663.0, 5680.0, 5665.0, 5432.0, 5320.0, 5561.0, 5599.0, 5567.0, 5618.0, 5511.0, 5699.0, 5479.0, 5372.0, 5568.0, 5559.0, 5502.0, 5529.0, 5330.0, 5471.0, 5314.0, 5271.0, 5416.0, 5301.0, 5685.0, 5337.0, 5530.0, 5411.0, 5662.0, 5572.0, 5308.0, 5365.0, 5304.0 (number of hits: 18)
22	5530	9	1	333	1	5253.0, 5291.0, 5367.0, 5651.0, 5454.0, 5591.0, 5351.0, 5714.0, 5614.0, 5609.0, 5571.0, 5456.0, 5445.0, 5315.0, 5587.0, 5707.0, 5704.0, 5393.0, 5639.0, 5615.0, 5625.0, 5302.0, 5386.0, 5570.0, 5271.0, 5413.0, 5533.0, 5628.0, 5515.0, 5306.0, 5431.0, 5308.0, 5394.0, 5277.0, 5693.0, 5568.0, 5458.0, 5327.0, 5480.0, 5541.0, 5634.0, 5363.0, 5469.0, 5674.0, 5443.0, 5562.0, 5668.0, 5379.0, 5354.0, 5710.0, 5610.0, 5310.0, 5672.0, 5432.0, 5692.0, 5322.0, 5272.0, 5627.0, 5476.0, 5447.0, 5595.0, 5646.0, 5633.0, 5278.0, 5563.0, 5590.0, 5492.0, 5485.0, 5504.0, 5526.0, 5598.0, 5701.0, 5716.0, 5400.0, 5288.0, 5296.0, 5524.0, 5319.0, 5435.0, 5470.0, 5401.0, 5572.0, 5659.0, 5418.0, 5375.0, 5387.0, 5648.0, 5283.0, 5675.0, 5259.0, 5586.0, 5617.0, 5507.0, 5547.0, 5647.0, 5593.0, 5611.0, 5491.0, 5554.0, 5711.0 (number of hits: 14)
23	5530	9	1	333	1	5292.0, 5556.0, 5511.0, 5507.0, 5613.0, 5471.0, 5510.0, 5518.0, 5300.0, 5588.0, 5653.0, 5318.0, 5317.0, 5640.0, 5581.0, 5698.0, 5660.0, 5386.0, 5414.0, 5478.0, 5464.0, 5371.0, 5477.0, 5672.0, 5493.0, 5642.0, 5448.0, 5479.0, 5387.0, 5670.0, 5288.0, 5400.0, 5323.0, 5384.0, 5519.0, 5442.0, 5340.0, 5296.0, 5281.0, 5520.0, 5370.0, 5700.0, 5388.0, 5712.0, 5476.0, 5598.0, 5502.0, 5455.0, 5624.0, 5595.0, 5497.0, 5385.0, 5256.0, 5367.0, 5349.0, 5596.0, 5618.0, 5583.0, 5357.0, 5457.0, 5714.0, 5564.0, 5699.0, 5664.0, 5280.0, 5706.0, 5389.0, 5644.0, 5344.0, 5686.0, 5330.0, 5645.0, 5394.0, 5422.0, 5441.0, 5445.0, 5405.0, 5678.0, 5689.0, 5270.0, 5555.0, 5711.0, 5430.0, 5449.0, 5313.0, 5634.0, 5597.0, 5601.0, 5304.0, 5620.0, 5291.0, 5668.0, 5661.0, 5657.0, 5259.0, 5559.0, 5309.0, 5382.0, 5650.0, 5302.0 (number of hits: 13)
24	5530	9	1	333	1	5557.0, 5393.0, 5414.0, 5304.0, 5354.0, 5656.0, 5678.0, 5344.0, 5718.0, 5535.0, 5501.0, 5348.0, 5706.0, 5583.0, 5687.0, 5643.0, 5297.0, 5684.0, 5613.0, 5597.0,

						5277.0, 5424.0, 5576.0, 5483.0, 5595.0, 5605.0, 5436.0, 5374.0, 5440.0, 5499.0, 5470.0, 5511.0, 5391.0, 5662.0, 5627.0, 5578.0, 5542.0, 5655.0, 5570.0, 5532.0, 5418.0, 5261.0, 5592.0, 5497.0, 5351.0, 5600.0, 5333.0, 5284.0, 5282.0, 5720.0, 5513.0, 5563.0, 5515.0, 5294.0, 5671.0, 5534.0, 5471.0, 5496.0, 5443.0, 5474.0, 5596.0, 5584.0, 5254.0, 5500.0, 5299.0, 5637.0, 5666.0, 5493.0, 5401.0, 5426.0, 5388.0, 5317.0, 5612.0, 5350.0, 5639.0, 5458.0, 5329.0, 5406.0, 5370.0, 5688.0, 5654.0, 5494.0, 5599.0, 5307.0, 5485.0, 5701.0, 5609.0, 5608.0, 5301.0, 5606.0, 5257.0, 5650.0, 5495.0, 5694.0, 5506.0, 5697.0, 5394.0, 5452.0, 5421.0, 5384.0 (number of hits: 18)
25	5530	9	1	333	1	5347.0, 5582.0, 5390.0, 5309.0, 5648.0, 5552.0, 5272.0, 5532.0, 5583.0, 5684.0, 5650.0, 5267.0, 5441.0, 5407.0, 5705.0, 5359.0, 5400.0, 5522.0, 5352.0, 5709.0, 5507.0, 5327.0, 5619.0, 5425.0, 5427.0, 5713.0, 5670.0, 5270.0, 5265.0, 5708.0, 5577.0, 5288.0, 5544.0, 5624.0, 5430.0, 5418.0, 5541.0, 5293.0, 5297.0, 5486.0, 5519.0, 5633.0, 5707.0, 5646.0, 5518.0, 5445.0, 5363.0, 5611.0, 5481.0, 5604.0, 5492.0, 5526.0, 5712.0, 5622.0, 5294.0, 5557.0, 5640.0, 5488.0, 5699.0, 5269.0, 5669.0, 5553.0, 5471.0, 5525.0, 5563.0, 5627.0, 5338.0, 5361.0, 5521.0, 5533.0, 5564.0, 5377.0, 5409.0, 5614.0, 5645.0, 5618.0, 5395.0, 5704.0, 5573.0, 5666.0, 5258.0, 5403.0, 5679.0, 5629.0, 5354.0, 5339.0, 5655.0, 5545.0, 5474.0, 5365.0, 5702.0, 5287.0, 5590.0, 5676.0, 5596.0, 5512.0, 5439.0, 5387.0, 5286.0, 5530.0 (number of hits: 20)
26	5530	9	1	333	1	5344.0, 5370.0, 5656.0, 5421.0, 5493.0, 5278.0, 5297.0, 5441.0, 5508.0, 5720.0, 5483.0, 5347.0, 5699.0, 5292.0, 5565.0, 5337.0, 5387.0, 5362.0, 5457.0, 5658.0, 5305.0, 5425.0, 5593.0, 5322.0, 5679.0, 5495.0, 5683.0, 5721.0, 5590.0, 5300.0, 5643.0, 5685.0, 5507.0, 5657.0, 5519.0, 5364.0, 5449.0, 5427.0, 5327.0, 5321.0, 5582.0, 5285.0, 5652.0, 5438.0, 5585.0, 5398.0, 5291.0, 5722.0, 5723.0, 5621.0, 5681.0, 5252.0, 5295.0, 5436.0, 5467.0, 5428.0, 5303.0, 5273.0, 5328.0, 5439.0, 5430.0, 5461.0, 5268.0, 5448.0, 5500.0, 5478.0, 5668.0, 5537.0, 5274.0, 5282.0, 5355.0, 5486.0, 5577.0, 5289.0, 5515.0, 5446.0, 5254.0, 5524.0, 5635.0, 5548.0, 5492.0, 5444.0, 5686.0, 5618.0, 5470.0, 5437.0, 5366.0, 5265.0, 5511.0, 5633.0, 5597.0, 5538.0, 5695.0, 5262.0, 5599.0, 5417.0, 5270.0, 5410.0, 5523.0, 5504.0 (number of hits: 16)

27	5530	9	1	333	1	5343.0, 5707.0, 5317.0, 5549.0, 5522.0, 5314.0, 5382.0, 5683.0, 5525.0, 5270.0, 5520.0, 5635.0, 5710.0, 5372.0, 5679.0, 5361.0, 5640.0, 5351.0, 5264.0, 5650.0, 5646.0, 5410.0, 5711.0, 5686.0, 5271.0, 5535.0, 5682.0, 5542.0, 5523.0, 5631.0, 5378.0, 5691.0, 5494.0, 5521.0, 5500.0, 5342.0, 5600.0, 5274.0, 5545.0, 5391.0, 5303.0, 5329.0, 5713.0, 5457.0, 5399.0, 5411.0, 5531.0, 5381.0, 5450.0, 5269.0, 5509.0, 5448.0, 5440.0, 5647.0, 5589.0, 5461.0, 5305.0, 5273.0, 5657.0, 5324.0, 5596.0, 5674.0, 5356.0, 5621.0, 5653.0, 5673.0, 5623.0, 5308.0, 5489.0, 5585.0, 5508.0, 5466.0, 5414.0, 5659.0, 5468.0, 5570.0, 5671.0, 5654.0, 5451.0, 5658.0, 5272.0, 5311.0, 5478.0, 5626.0, 5295.0, 5629.0, 5262.0, 5609.0, 5655.0, 5699.0, 5321.0, 5574.0, 5306.0, 5412.0, 5611.0, 5471.0, 5319.0, 5701.0, 5266.0, 5279.0 (number of hits: 14)
28	5530	9	1	333	1	5478.0, 5429.0, 5568.0, 5649.0, 5595.0, 5423.0, 5449.0, 5591.0, 5295.0, 5704.0, 5516.0, 5702.0, 5475.0, 5514.0, 5715.0, 5477.0, 5369.0, 5296.0, 5578.0, 5464.0, 5706.0, 5593.0, 5287.0, 5388.0, 5533.0, 5399.0, 5416.0, 5425.0, 5386.0, 5307.0, 5541.0, 5446.0, 5254.0, 5650.0, 5559.0, 5609.0, 5479.0, 5255.0, 5554.0, 5409.0, 5654.0, 5325.0, 5272.0, 5283.0, 5539.0, 5415.0, 5547.0, 5349.0, 5531.0, 5350.0, 5670.0, 5274.0, 5352.0, 5278.0, 5318.0, 5583.0, 5289.0, 5521.0, 5641.0, 5456.0, 5678.0, 5257.0, 5623.0, 5712.0, 5617.0, 5604.0, 5413.0, 5394.0, 5403.0, 5603.0, 5719.0, 5402.0, 5354.0, 5455.0, 5686.0, 5507.0, 5363.0, 5347.0, 5490.0, 5658.0, 5418.0, 5375.0, 5613.0, 5462.0, 5442.0, 5473.0, 5497.0, 5424.0, 5330.0, 5638.0, 5550.0, 5635.0, 5685.0, 5385.0, 5624.0, 5571.0, 5530.0, 5634.0, 5574.0, 5346.0 (number of hits: 16)
29	5530	9	1	333	1	5372.0, 5477.0, 5326.0, 5450.0, 5707.0, 5277.0, 5312.0, 5642.0, 5327.0, 5338.0, 5605.0, 5373.0, 5297.0, 5434.0, 5672.0, 5379.0, 5509.0, 5422.0, 5571.0, 5454.0, 5428.0, 5711.0, 5641.0, 5525.0, 5354.0, 5256.0, 5586.0, 5341.0, 5526.0, 5506.0, 5292.0, 5648.0, 5680.0, 5427.0, 5399.0, 5715.0, 5444.0, 5666.0, 5319.0, 5552.0, 5620.0, 5688.0, 5335.0, 5266.0, 5401.0, 5394.0, 5612.0, 5462.0, 5686.0, 5389.0, 5365.0, 5418.0, 5463.0, 5386.0, 5700.0, 5646.0, 5413.0, 5661.0, 5539.0, 5473.0, 5358.0, 5284.0, 5582.0, 5331.0, 5480.0, 5601.0, 5449.0, 5718.0, 5699.0, 5424.0, 5597.0, 5557.0, 5558.0, 5633.0, 5508.0, 5498.0, 5689.0, 5722.0, 5303.0, 5328.0, 5599.0, 5671.0, 5375.0, 5533.0, 5363.0,

						5668.0, 5632.0, 5540.0, 5376.0, 5447.0, 5321.0, 5461.0, 5361.0, 5511.0, 5267.0, 5479.0, 5350.0, 5263.0, 5391.0, 5311.0 (number of hits: 13)
30	5530	9	1	333	1	5537.0, 5660.0, 5615.0, 5689.0, 5470.0, 5305.0, 5392.0, 5592.0, 5694.0, 5479.0, 5621.0, 5642.0, 5525.0, 5280.0, 5702.0, 5628.0, 5350.0, 5363.0, 5257.0, 5668.0, 5618.0, 5691.0, 5399.0, 5630.0, 5507.0, 5279.0, 5301.0, 5389.0, 5560.0, 5710.0, 5617.0, 5451.0, 5362.0, 5404.0, 5624.0, 5449.0, 5704.0, 5308.0, 5579.0, 5465.0, 5364.0, 5283.0, 5633.0, 5427.0, 5290.0, 5510.0, 5582.0, 5336.0, 5431.0, 5461.0, 5531.0, 5631.0, 5261.0, 5384.0, 5297.0, 5370.0, 5656.0, 5434.0, 5698.0, 5622.0, 5437.0, 5614.0, 5325.0, 5485.0, 5616.0, 5306.0, 5680.0, 5298.0, 5319.0, 5264.0, 5441.0, 5603.0, 5540.0, 5523.0, 5285.0, 5497.0, 5489.0, 5379.0, 5401.0, 5655.0, 5581.0, 5659.0, 5281.0, 5619.0, 5346.0, 5650.0, 5646.0, 5550.0, 5504.0, 5486.0, 5577.0, 5514.0, 5658.0, 5381.0, 5599.0, 5454.0, 5481.0, 5307.0, 5683.0, 5670.0 (number of hits: 12)

160MHz (5570MHz)

Radar SignalType	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A	15	93.3	60	pass
Type 1B	15	93.3	60	pass
Type 2	30	90	60	Pass
Type 3	30	93.3	60	Pass
Type 4	30	90	60	Pass
Aggregate (Radar Types 1-4)	120	91.7	80	Pass
Type 5	30	93.3	80	Pass
Type 6	30	96.7	70	Pass

Please refer to the following statistical tables:

5570MHz

Radar Type 1A Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5570	92	1	578	0
2	5570	99	1	538	1
3	5570	81	1	658	1
4	5570	67	1	798	1
5	5570	58	1	918	1
6	5570	95	1	558	1
7	5570	70	1	758	1
8	5570	74	1	718	1
9	5570	72	1	738	1
10	5570	61	1	878	1
11	5570	86	1	618	1
12	5570	59	1	898	1
13	5570	78	1	678	1
14	5570	57	1	938	1
15	5570	65	1	818	1
Detection Percentage: 93.3 % (>60%)					

Radar Type 1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5570	67	1	794	1
2	5570	20	1	2647	1
3	5570	21	1	2541	1
4	5570	35	1	1519	1
5	5570	34	1	1564	1
6	5570	100	1	530	1
7	5570	21	1	2531	0
8	5570	81	1	652	1
9	5570	81	1	655	1
10	5570	28	1	1887	1
11	5570	20	1	2659	1
12	5570	88	1	606	1
13	5570	60	1	893	1
14	5570	83	1	640	1
15	5570	26	1	2060	1
Detection Percentage: 93.3 % (>60%)					

Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5570	23	3.4	172	0
2	5570	23	1.9	211	1
3	5570	28	2.5	162	1
4	5570	24	4.4	228	1
5	5570	23	3.2	193	1
6	5570	24	2.9	179	1
7	5570	27	2.7	151	1
8	5570	26	4.7	157	1
9	5570	29	3.4	219	1
10	5570	28	4.8	166	1
11	5570	29	4.1	217	1
12	5570	25	2.9	161	1
13	5570	27	2.7	156	1
14	5570	29	5	215	1
15	5570	26	1.4	170	1
16	5570	27	1.3	212	1
17	5570	26	1.2	187	1
18	5570	29	2	214	1
19	5570	25	1	212	1
20	5570	24	2.5	195	1
21	5570	23	2.3	230	1
22	5570	25	3.8	194	0
23	5570	27	4	193	1
24	5570	27	4.1	175	1
25	5570	29	4.1	185	1
26	5570	24	4.2	158	1
27	5570	23	4.9	153	1
28	5570	29	3.8	150	1
29	5570	29	3.6	160	0
30	5570	28	4	220	1
Detection Percentage: 90 % (>60%)					

Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5570	16	9.8	417	0
2	5570	16	6.3	209	1
3	5570	18	8.6	379	1
4	5570	18	8.4	313	1
5	5570	16	9.4	277	1
6	5570	17	8.9	398	1
7	5570	16	9.6	252	1
8	5570	18	8.5	250	1
9	5570	16	8.6	281	1
10	5570	17	9.2	210	1
11	5570	16	8.7	250	1
12	5570	18	9.1	349	1
13	5570	18	8.6	300	1
14	5570	18	7.9	261	1
15	5570	18	8.7	449	1
16	5570	18	9.3	353	1
17	5570	17	8	486	1
18	5570	17	9.1	226	1
19	5570	16	7.2	209	1
20	5570	18	9.8	400	1
21	5570	18	8.2	215	1
22	5570	18	8.5	340	1
23	5570	17	9.9	332	1
24	5570	16	9.1	498	1
25	5570	18	7.3	500	1
26	5570	16	7.5	425	1
27	5570	18	9.7	442	1
28	5570	16	6	305	0
29	5570	17	8.3	418	1
30	5570	16	8.1	320	1
Detection Percentage: 93.3 % (>60%)					

Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5570	15	19.6	318	1
2	5570	15	15.6	236	1
3	5570	12	16.1	316	1
4	5570	12	19.2	256	0
5	5570	15	18.4	339	1
6	5570	15	17	212	1
7	5570	15	16.1	390	1
8	5570	12	11.5	355	1
9	5570	15	16.1	280	1
10	5570	12	12.5	479	1
11	5570	15	20	460	1
12	5570	16	14.7	379	1
13	5570	12	13	327	1
14	5570	13	19.1	301	1
15	5570	14	11	214	1
16	5570	16	16	434	1
17	5570	12	16.2	409	1
18	5570	16	16.6	476	1
19	5570	15	12.3	264	1
20	5570	16	12.1	294	1
21	5570	16	18.5	321	1
22	5570	15	13.9	446	0
23	5570	16	11.1	427	1
24	5570	14	12	213	1
25	5570	14	19	467	1
26	5570	15	11.8	377	0
27	5570	12	11.2	444	1
28	5570	16	12.9	279	1
29	5570	13	15.2	353	1
30	5570	15	16	225	1
Detection Percentage: 90 % (>60%)					

Radar Type 5 Case 1 Statistical Performance

Statistics 1 (ChirpCenter Frequency: 5570.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	10	78			0.510404	1
1	3	10	55	1725	1166	1.940824	
2	3	10	92.3	1851	1085	2.560453	
3	2	10	94.3	1918		3.591823	
4	3	10	67.7	1219	1498	4.18279	
5	2	10	74.9	1873		5.418978	
6	2	10	77.9	1450		6.276583	
7	1	10	76.4			7.517431	
8	2	10	57.8	1996		8.506805	
9	3	10	52	1322	1096	9.04509	
10	3	10	61.7	1848	1342	10.74821	
11	3	10	81.8	1707	1983	11.93862	

Statistics 2 (ChirpCenter Frequency: 5570.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	10	52.6	1231		0.351738	1
1	3	10	94.4	1726	1466	1.442561	
2	2	10	90.9	1277		2.410101	
3	1	10	85.3			3.684949	
4	1	10	62.9			3.76806	
5	2	10	80.4	1697		4.884636	
6	2	10	76.3	1240		5.859654	
7	2	10	64.3	1582		7.091457	
8	2	10	69.8	1685		8.068934	
9	1	10	87.4			8.622772	
10	2	10	76.4	1408		10.0786	
11	3	10	87.5	1825	1012	10.20766	
12	2	10	91.3	1561		11.21898	

Statistics 3 (ChirpCenter Frequency: 5570.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	14	83.5	1333	1757	0.479435	1
1	2	14	58.1	1831		0.808132	
2	2	14	58.1	1725		1.564238	
3	2	14	70.4	1863		1.999595	
4	2	14	82.7	1849		2.878834	
5	1	14	54			3.450616	
6	2	14	84.1	1275		3.698799	
7	2	14	60.7	1316		4.588651	
8	2	14	71.9	1521		5.18536	
9	3	14	59.2	1444	1760	5.765537	
10	3	14	58.3	1575	1379	6.153026	
11	2	14	78.7	1413		6.620173	
12	3	14	74.7	1455	1133	7.593255	
13	1	14	74.1			8.07582	
14	1	14	91.7			8.497065	
15	2	14	52.8	1225		9.494717	
16	1	14	99.7			9.881486	
17	3	14	81.8	1724	1006	10.29188	
18	3	14	57.6	1044	1402	11.25321	
19	3	14	69.9	1984	1851	11.71505	

Statistics 4 (ChirpCenter Frequency: 5575.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	6	86.8			0.795715	1
1	2	6	68.8	1342		1.018248	
2	3	6	50.1	1704	1451	2.56419	
3	2	6	89.5	1072		2.913641	
4	2	6	71.6	1485		3.925194	
5	2	6	76.3	1370		4.960578	
6	2	6	85.7	1865		5.390531	
7	2	6	65.7	1819		6.595909	
8	2	6	91.1	1714		7.081971	
9	2	6	76.4	1107		7.717589	
10	2	6	82.8	1933		9.355724	
11	2	6	93.1	1207		9.678561	
12	2	6	87.5	1922		10.41637	
13	2	6	84.8	1394		11.49049	

Statistics 5(ChirpCenter Frequency: 5570.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	8	52.3	1837		0.150024	
1	2	8	82.5	1441		0.979129	
2	2	8	67.9	1721		2.102488	
3	1	8	73.7			3.078776	
4	3	8	69.7	1249	1074	3.326114	
5	2	8	84.9	1083		4.144788	
6	2	8	56.5	1418		4.873717	
7	3	8	50.3	1270	1333	6.337691	1
8	3	8	87.4	1296	1046	6.948134	
9	3	8	94.1	1873	1516	7.811513	
10	2	8	74.2	1954		8.458484	
11	2	8	92.9	1780		8.997685	
12	2	8	66.9	1013		10.1896	
13	3	8	63.8	1243	1180	11.07589	
14	3	8	96.5	1552	1909	11.2092	

Statistics 6 (ChirpCenter Frequency: 5570.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	13	51.8	1609	1318	0.412017	
1	1	13	85.3			1.522575	
2	1	13	58.3			2.390075	
3	3	13	92	1738	1782	2.684672	
4	1	13	70.9			3.25588	
5	3	13	78.9	1774	1439	4.158023	
6	2	13	69.6	1139		4.848724	
7	1	13	95.9			5.768136	1
8	2	13	63.4	1909		6.550068	
9	3	13	99.5	1350	1744	7.809705	
10	2	13	74.5	1902		8.4155	
11	1	13	50.4			8.967158	
12	2	13	74.9	1691		9.871589	
13	2	13	68.8	1710		11.15248	
14	2	13	80.2	1312		11.69351	

Statistics 7(ChirpCenter Frequency: 5570.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	6	70.2	1594		0.233918	1
1	2	6	57.7	1633		2.02719	
2	3	6	74.2	1401	1720	2.385974	
3	3	6	94.1	1086	1827	4.223996	
4	3	6	58.6	1169	1012	4.568586	
5	1	6	77.1			5.995287	
6	2	6	68.4	1543		7.448192	
7	2	6	85.8	1375		8.631636	
8	1	6	67.1			9.185679	
9	1	6	63.3			10.47902	
10	3	6	85.9	1448	1957	11.2758	

Statistics 8 (ChirpCenter Frequency: 5570.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	15	65.6	1917	1337	1.076266	1
1	3	15	99.7	1487	1705	1.597903	
2	2	15	50.6	1799		3.496506	
3	3	15	66	1875	1663	3.712394	
4	2	15	84.9	1253		5.933197	
5	1	15	72.4			6.617123	
6	1	15	83.4			7.554595	
7	2	15	75.8	1199		9.592367	
8	2	15	95.6	1970		10.24495	
9	1	15	70			11.40065	

Statistics 9 (ChirpCenter Frequency: 5570.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	15	50.2	1926		0.156413	1
1	1	15	54.3			1.303843	
2	2	15	91.2	1545		2.0141	
3	2	15	64.5	1753		2.853777	
4	3	15	64.5	1948	1180	3.644765	
5	1	15	65.8			4.984416	
6	3	15	54.5	1135	1102	5.402318	
7	2	15	79.6	1120		6.109851	
8	2	15	69.9	1911		6.95159	
9	2	15	54.1	1001		8.473952	
10	2	15	92.5	1788		8.937498	
11	2	15	94.6	1837		9.973393	
12	1	15	84.6			10.54753	
13	3	15	84	1823	1276	11.74067	

Statistics 10 (ChirpCenter Frequency: 5570.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	12	53.6	1919		0.492698	1
1	2	12	80.4	1476		1.725044	
2	2	12	84.9	1498		2.932826	
3	3	12	97	1220	1648	3.615552	
4	1	12	72.3			4.722134	
5	2	12	76.5	1740		5.929031	
6	2	12	56.2	1615		6.738764	
7	3	12	86.6	1986	1217	7.35002	
8	2	12	67.2	1206		8.573497	
9	2	12	82	1417		9.177567	
10	1	12	94.4			10.64675	
11	2	12	83.1	1619		11.91017	

Radar Type 5 Case 2 Statistical Performance

Statistics 1 (ChirpCenter Frequency: 5493.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	7	61			0.747203	1
1	2	7	92	1610		1.851861	
2	3	7	98.4	1615	1939	2.716	
3	2	7	51.5	1664		3.398212	
4	1	7	77			4.908318	
5	2	7	62.5	1364		5.440079	
6	3	7	87.8	1534	1647	6.981177	
7	3	7	79.6	1974	1084	7.273	
8	3	7	59.8	1900	1610	8.871807	
9	1	7	61.4			9.093875	
10	3	7	95.2	1555	1495	10.18656	
11	1	7	69.9			11.24907	

Statistics 2 (ChirpCenter Frequency: 5498.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	19	54.1			0.537529	1
1	2	19	97.4	1688		1.501697	
2	2	19	92.5	1308		3.695852	
3	2	19	62.1	1419		4.71481	
4	1	19	98.4			5.491818	
5	1	19	72.2			7.86079	
6	3	19	82.9	1527	1278	8.618574	
7	2	19	88.7	1862		10.08536	
8	1	19	80.8			11.40145	

Statistics 3 (ChirpCenter Frequency: 5492.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	6	79.5	1151		0.785702	1
1	1	6	98.7			1.699186	
2	3	6	83.3	1608	1310	2.325489	
3	3	6	71.1	1068	1000	3.475108	
4	2	6	85.9	1941		3.903859	
5	2	6	60.1	1296		5.360676	
6	2	6	72.1	1270		5.802833	
7	3	6	81.2	1018	1752	7.223856	
8	2	6	82.2	1956		7.403435	
9	1	6	61.5			8.431442	
10	1	6	72.7			10.0994	
11	1	6	58.1			10.92766	
12	2	6	57	1685		11.40386	

Statistics 4 (ChirpCenter Frequency: 5494.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	9	73.1	1461		0.811526	1
1	2	9	69.5	1368		2.024867	
2	3	9	58.7	1109	1115	2.785027	
3	2	9	66	1593		4.308783	
4	3	9	82.5	1107	1272	5.873283	
5	2	9	61.4	1298		6.66006	
6	1	9	66.5			7.25043	
7	1	9	62.2			9.236336	
8	1	9	53.3			9.917322	
9	3	9	63.4	1766	1012	11.73895	

Statistics 5 (ChirpCenter Frequency: 5496.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	14	79.9			0.276956	1
1	3	14	56.7	1117	1732	1.578071	
2	1	14	50.1			3.263479	
3	2	14	78.2	1563		4.781521	
4	2	14	75.2	1297		5.919654	
5	2	14	85.2	1385		6.680443	
6	2	14	81.4	1048		7.527142	
7	3	14	52.2	1628	1788	9.573818	
8	2	14	74.7	1962		9.6657	
9	2	14	61.4	1105		11.79282	

Statistics 6 (ChirpCenter Frequency: 5497.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	17	86.5	1355	1391	0.505323	0
1	2	17	81.7	1194		1.105651	
2	2	17	66	1392		2.488433	
3	3	17	82.7	1044	1513	3.127344	
4	2	17	64.6	1210		4.412246	
5	2	17	96.6	1567		4.725463	
6	2	17	79.6	1813		6.04006	
7	3	17	54.2	1602	1639	6.592596	
8	3	17	95	1589	1103	7.673231	
9	2	17	97.5	1955		8.601569	
10	3	17	59.6	1672	1423	10.01432	
11	2	17	94	1793		10.85484	
12	2	17	53.2	1187		11.59159	

Statistics 7 (ChirpCenter Frequency: 5497.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(uS)	Pulse 2-3 spacing(uS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	18	55.3	1515		1.077075	1
1	2	18	73.1	1897		1.833396	
2	2	18	60.5	1509		2.473628	
3	2	18	67.5	1686		4.167006	
4	2	18	98.7	1754		5.009845	
5	1	18	76.9			7.124637	
6	1	18	92.8			7.740618	
7	2	18	55.7	1063		8.576074	
8	1	18	77			10.79159	
9	2	18	68.8	1854		11.64486	

Statistics 8 (ChirpCenter Frequency: 5495.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	13	94.2	1965		0.176176	1
1	2	13	52.3	1491		1.103203	
2	1	13	74.8			1.348339	
3	2	13	92.9	1650		2.286172	
4	2	13	63.4	1626		3.265404	
5	2	13	73.4	1757		3.33502	
6	2	13	89.6	1012		4.598773	
7	1	13	96			5.055191	
8	1	13	90.3			5.523364	
9	1	13	86.6			6.330013	
10	1	13	79.7			6.731691	
11	3	13	84.8	1570	1256	7.948881	
12	2	13	96.5	1230		8.266761	
13	1	13	59.4			8.753543	
14	3	13	58.9	1261	1848	9.733829	
15	2	13	87.7	1785		10.02825	
16	2	13	93.1	1473		11.1584	
17	1	13	89.3			11.66507	

Statistics 9 (ChirpCenter Frequency: 5496.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	15	56.8	1239		0.065612	1
1	3	15	59.6	1124	1131	0.747188	
2	2	15	62.3	1967		1.756183	
3	2	15	50.9	1335		2.254796	
4	2	15	89.4	1181		2.86088	
5	3	15	100	1350	1390	3.908238	
6	2	15	78.9	1028		4.370063	
7	1	15	58.4			4.781294	
8	1	15	57.8			5.856583	
9	1	15	81.9			6.251842	
10	1	15	61.1			7.085035	
11	1	15	50.5			7.36966	
12	3	15	61.9	1180	1034	8.143815	
13	3	15	87.9	1031	1808	9.039119	
14	2	15	83.8	1180		9.699652	
15	2	15	66.6	1393		10.61925	
16	2	15	67.3	1492		11.17867	
17	1	15	67.1			11.67278	

Statistics 10 (ChirpCenter Frequency: 5500.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	13	59.2	1553	1031	0.281269	1
1	3	13	88.5	1877	1005	1.559845	
2	2	13	73.8	1987		1.953571	
3	2	13	87.5	1449		2.6466	
4	2	13	64.7	1301		3.750427	
5	2	13	83.9	1685		4.150506	
6	2	13	72	1921		5.298545	
7	1	13	52.9			6.16674	
8	3	13	70.8	1420	1151	7.130495	
9	3	13	95.7	1144	1787	7.396181	
10	1	13	80			8.346482	
11	3	13	64.2	1038	1664	9.418148	
12	1	13	64.5			10.20365	
13	2	13	84	1600		10.70456	
14	2	13	96	1005		11.65763	

Radar Type 5 Case 3 Statistical Performance

Statistics 1 (ChirpCenter Frequency: 5646.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	10	96.3	1346	1164	0.684096	
1	2	10	89.2	1559		1.241822	
2	1	10	63.6			2.484028	
3	1	10	94.8			3.736715	
4	2	10	86.6	1183		5.308059	
5	2	10	64.9	1959		6.33237	1
6	2	10	55.1	1715		6.889023	
7	3	10	85	1914	1910	7.926213	
8	2	10	69.8	1468		9.066103	
9	1	10	74.5			10.67455	
10	2	10	71.8	1737		11.4572	

Statistics 2 (ChirpCenter Frequency: 5645.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	13	81.3	1393		0.452927	
1	1	13	83.9			1.010438	
2	2	13	75.5	1667		1.7792	
3	3	13	76.9	1938	1672	2.57182	
4	2	13	80.5	1443		2.781465	
5	3	13	97.6	1039	1170	3.474697	
6	2	13	85.3	1728		4.275361	
7	1	13	72.5			5.264951	
8	1	13	82.6			5.79025	
9	2	13	91.6	1089		6.367376	1
10	1	13	64.9			7.148561	
11	2	13	85.3	1554		7.392099	
12	2	13	73.4	1818		8.149544	
13	2	13	50.6	1703		9.28933	
14	3	13	58.1	1571	1480	9.77095	
15	2	13	84.3	1747		10.37967	
16	2	13	50.6	1909		11.14593	
17	1	13	67.3			11.67079	

Statistics 3 (ChirpCenter Frequency: 5645.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	13	67.5	1454	1909	0.465946	
1	2	13	91.8	1618		0.977497	
2	2	13	68.3	1528		2.253408	
3	2	13	58.6	1938		2.701473	
4	2	13	67.4	1786		3.46286	
5	2	13	96.9	1087		4.538439	
6	3	13	88.2	1742	1319	5.538191	
7	2	13	89.2	1552		5.756924	1
8	2	13	90.1	1169		6.833152	
9	3	13	70	1064	1590	7.769508	
10	1	13	89.1			8.712475	
11	1	13	65.6			9.386344	
12	2	13	89.6	1009		10.0134	
13	1	13	65.2			10.49254	
14	1	13	60.3			11.90276	

Statistics 4 (ChirpCenter Frequency: 5643.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	17	60.7	1118		0.49397	
1	2	17	52.5	1984		1.393535	
2	2	17	90.4	1270		1.560934	
3	1	17	83			2.859447	
4	3	17	84.2	1909	1581	3.73059	
5	2	17	87.8	1310		4.101127	
6	1	17	92.5			4.734082	
7	1	17	63.5			5.630079	
8	2	17	99.8	1400		6.363593	1
9	2	17	61.7	1594		6.782083	
10	2	17	52.9	1384		8.18347	
11	2	17	67.5	1315		8.857914	
12	1	17	66.9			9.575341	
13	2	17	54.9	1033		10.00461	
14	1	17	54			11.06387	
15	2	17	91.5	1245		11.98367	

Statistics 5 (ChirpCenter Frequency: 5645.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	13	65.8			0.891312	
1	2	13	62.8	1658		1.53824	
2	2	13	63.4	1735		2.285862	
3	2	13	80.1	1017		2.891836	
4	2	13	93.4	1838		3.876302	
5	2	13	94.5	1790		4.996898	
6	2	13	79.4	1586		5.882249	1
7	2	13	97.7	1232		6.731162	
8	3	13	97.1	1059	1273	7.461651	
9	1	13	95.3			9.168075	
10	3	13	52.9	1907	1940	9.809865	
11	3	13	72.1	1213	1609	10.61202	
12	2	13	76.5	1108		11.70115	

Statistics 6 (ChirpCenter Frequency: 5643.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	17	67.4	1396		0.717173	
1	2	17	63.5	1775		1.789038	
2	2	17	95.6	1055		3.065624	
3	1	17	72.2			3.342072	
4	1	17	97.6			5.287653	
5	2	17	69.1	1541		5.944385	1
6	2	17	73.7	1914		6.877819	
7	3	17	66.7	1515	1204	8.356982	
8	2	17	87.9	1763		8.76619	
9	2	17	66.5	1690		10.60972	
10	2	17	50	1494		11.19977	

Statistics 7 (ChirpCenter Frequency: 5646.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	11	62			0.462549	
1	1	11	63.3			2.375124	
2	3	11	85.2	1294	1989	2.612684	
3	2	11	87	1573		4.459364	
4	1	11	97.3			5.102655	
5	2	11	98.6	1361		7.17505	1
6	2	11	95.5	1754		7.524796	
7	2	11	72.7	1156		9.497818	
8	2	11	88.5	1380		9.91496	
9	2	11	68.9	1667		11.01218	

Statistics 8 (ChirpCenter Frequency: 5644.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	14	75.3	1069		0.541481	
1	2	14	69.2	1784		1.112031	
2	2	14	65.4	1635		2.740056	
3	2	14	58.1	1475		3.448587	
4	2	14	72.5	1271		4.566986	
5	2	14	85	1517		5.405332	
6	2	14	91.4	1060		6.063654	1
7	1	14	57.2			7.016841	
8	1	14	91.8			8.294509	
9	2	14	67.9	1652		8.675078	
10	2	14	52.6	1802		9.328761	
11	3	14	63.3	1677	1161	10.84351	
12	2	14	99.7	1060		11.50007	

Statistics 9 (ChirpCenter Frequency: 5645.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	13	57.7	1175		0.328538	
1	1	13	55.2			1.475781	
2	2	13	70.6	1025		1.802583	
3	2	13	59.8	1592		2.912659	
4	1	13	85.6			3.667798	
5	2	13	73.5	1551		4.476362	
6	2	13	92.8	1238		5.468258	
7	1	13	65.2			6.116422	1
8	2	13	92.9	1374		7.1169	
9	2	13	96.4	1150		7.369813	
10	2	13	79.1	1880		8.244653	
11	2	13	97.8	1419		9.446184	
12	3	13	99.2	1816	1547	9.631124	
13	2	13	88.9	1511		10.94136	
14	2	13	95.8	1942		11.45756	

Statistics 10 (ChirpCenter Frequency: 5644.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	15	62.6			0.53015	
1	3	15	57.3	1424	1134	1.689719	
2	1	15	76.9			3.092192	
3	2	15	81.8	1720		4.711779	
4	3	15	91.9	1698	1039	5.741582	
5	2	15	94.5	1725		6.595994	1
6	1	15	95.8			8.098353	
7	1	15	55.2			9.585366	
8	1	15	90.8			10.00757	
9	3	15	99.8	1576	1447	11.53515	

Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)	Hopping Sequence (MHz)
1	5570	9	1	333	1	5337.0, 5391.0, 5669.0, 5397.0, 5347.0, 5251.0, 5319.0, 5315.0, 5274.0, 5435.0, 5656.0, 5621.0, 5529.0, 5606.0, 5611.0, 5701.0, 5522.0, 5722.0, 5664.0, 5270.0, 5267.0, 5702.0, 5601.0, 5676.0, 5699.0, 5588.0, 5584.0, 5437.0, 5485.0, 5655.0, 5307.0, 5410.0, 5510.0, 5511.0, 5703.0, 5342.0, 5502.0, 5250.0, 5295.0, 5371.0, 5496.0, 5715.0, 5654.0, 5417.0, 5409.0, 5689.0, 5425.0, 5288.0, 5612.0, 5394.0, 5670.0, 5278.0, 5697.0, 5711.0, 5657.0, 5484.0, 5471.0, 5306.0, 5446.0, 5491.0, 5465.0, 5683.0, 5630.0, 5473.0, 5483.0, 5434.0, 5721.0, 5334.0, 5590.0, 5304.0, 5338.0, 5520.0, 5327.0, 5712.0, 5609.0, 5500.0, 5349.0, 5537.0, 5490.0, 5356.0, 5536.0, 5597.0, 5619.0, 5340.0, 5475.0, 5479.0, 5476.0, 5714.0, 5424.0, 5387.0, 5583.0, 5679.0, 5377.0, 5487.0, 5293.0, 5300.0, 5515.0, 5285.0, 5600.0, 5266.0 (number of hits: 27)
2	5570	9	1	333	1	5711.0, 5502.0, 5650.0, 5352.0, 5455.0, 5509.0, 5558.0, 5526.0, 5582.0, 5391.0, 5268.0, 5285.0, 5482.0, 5714.0, 5649.0, 5534.0, 5472.0, 5319.0, 5311.0, 5585.0, 5709.0, 5316.0, 5355.0, 5718.0, 5622.0, 5255.0, 5640.0, 5317.0, 5320.0, 5345.0, 5376.0, 5632.0, 5402.0, 5639.0, 5576.0, 5324.0, 5256.0, 5615.0, 5446.0, 5583.0, 5427.0, 5630.0, 5251.0, 5579.0, 5461.0, 5597.0, 5708.0, 5607.0, 5666.0, 5440.0, 5272.0, 5353.0, 5703.0, 5456.0, 5289.0, 5423.0, 5434.0, 5377.0, 5698.0, 5508.0, 5638.0, 5631.0, 5339.0, 5500.0, 5273.0, 5382.0, 5470.0, 5264.0, 5498.0, 5475.0, 5454.0, 5310.0, 5343.0, 5326.0, 5407.0, 5670.0, 5372.0, 5468.0, 5681.0, 5457.0, 5416.0, 5480.0, 5452.0, 5623.0, 5619.0, 5490.0, 5445.0, 5515.0, 5381.0, 5697.0, 5512.0, 5505.0, 5424.0, 5531.0, 5287.0, 5305.0, 5389.0, 5596.0, 5344.0, 5683.0 (number of hits: 32)
3	5570	9	1	333	1	5381.0, 5523.0, 5695.0, 5449.0, 5284.0, 5657.0, 5481.0, 5489.0, 5674.0, 5455.0, 5361.0, 5654.0, 5429.0, 5640.0, 5368.0, 5570.0, 5607.0, 5493.0, 5340.0, 5297.0, 5542.0, 5649.0, 5601.0, 5267.0, 5294.0, 5270.0, 5660.0, 5422.0, 5617.0, 5664.0, 5461.0, 5408.0, 5585.0, 5490.0, 5259.0, 5645.0, 5262.0, 5351.0, 5723.0, 5505.0, 5447.0, 5517.0, 5665.0, 5436.0, 5473.0, 5603.0, 5384.0, 5535.0, 5549.0, 5478.0, 5566.0, 5615.0, 5423.0, 5345.0, 5338.0, 5673.0, 5357.0, 5650.0, 5701.0, 5552.0,

						5576.0, 5443.0, 5317.0, 5623.0, 5582.0, 5268.0, 5647.0, 5417.0, 5525.0, 5265.0, 5416.0, 5620.0, 5450.0, 5486.0, 5452.0, 5465.0, 5562.0, 5440.0, 5485.0, 5656.0, 5466.0, 5379.0, 5253.0, 5406.0, 5374.0, 5401.0, 5668.0, 5564.0, 5312.0, 5418.0, 5661.0, 5264.0, 5547.0, 5348.0, 5403.0, 5336.0, 5263.0, 5400.0, 5594.0, 5425.0 (number of hits: 30)
4	5570	9	1	333	1	5587.0, 5309.0, 5430.0, 5302.0, 5652.0, 5605.0, 5250.0, 5698.0, 5643.0, 5559.0, 5519.0, 5684.0, 5288.0, 5446.0, 5399.0, 5500.0, 5416.0, 5285.0, 5576.0, 5610.0, 5301.0, 5450.0, 5707.0, 5623.0, 5478.0, 5557.0, 5561.0, 5343.0, 5284.0, 5598.0, 5277.0, 5341.0, 5645.0, 5395.0, 5448.0, 5573.0, 5588.0, 5298.0, 5509.0, 5523.0, 5594.0, 5524.0, 5350.0, 5304.0, 5564.0, 5442.0, 5614.0, 5306.0, 5673.0, 5403.0, 5562.0, 5624.0, 5257.0, 5392.0, 5639.0, 5480.0, 5335.0, 5355.0, 5374.0, 5502.0, 5506.0, 5551.0, 5535.0, 5664.0, 5647.0, 5406.0, 5677.0, 5457.0, 5511.0, 5381.0, 5334.0, 5497.0, 5689.0, 5323.0, 5640.0, 5273.0, 5486.0, 5470.0, 5283.0, 5510.0, 5348.0, 5359.0, 5387.0, 5307.0, 5713.0, 5483.0, 5410.0, 5710.0, 5504.0, 5520.0, 5485.0, 5407.0, 5699.0, 5546.0, 5721.0, 5321.0, 5631.0, 5260.0, 5462.0, 5499.0 (number of hits: 38)
5	5570	9	1	333	1	5634.0, 5401.0, 5362.0, 5484.0, 5300.0, 5506.0, 5470.0, 5430.0, 5327.0, 5385.0, 5576.0, 5655.0, 5520.0, 5342.0, 5587.0, 5423.0, 5657.0, 5714.0, 5682.0, 5429.0, 5334.0, 5464.0, 5543.0, 5487.0, 5696.0, 5597.0, 5662.0, 5253.0, 5415.0, 5622.0, 5410.0, 5723.0, 5692.0, 5510.0, 5463.0, 5437.0, 5304.0, 5447.0, 5402.0, 5699.0, 5360.0, 5637.0, 5583.0, 5641.0, 5691.0, 5498.0, 5485.0, 5591.0, 5660.0, 5343.0, 5280.0, 5550.0, 5712.0, 5593.0, 5462.0, 5336.0, 5690.0, 5375.0, 5582.0, 5311.0, 5373.0, 5500.0, 5592.0, 5491.0, 5424.0, 5642.0, 5493.0, 5307.0, 5702.0, 5428.0, 5467.0, 5606.0, 5719.0, 5316.0, 5618.0, 5272.0, 5332.0, 5511.0, 5658.0, 5453.0, 5472.0, 5457.0, 5620.0, 5476.0, 5432.0, 5391.0, 5679.0, 5517.0, 5524.0, 5565.0, 5254.0, 5331.0, 5320.0, 5337.0, 5350.0, 5707.0, 5411.0, 5628.0, 5560.0, 5532.0 (number of hits: 32)
6	5570	9	1	333	1	5544.0, 5646.0, 5411.0, 5581.0, 5358.0, 5477.0, 5317.0, 5263.0, 5360.0, 5471.0, 5621.0, 5588.0, 5612.0, 5458.0, 5555.0, 5487.0, 5421.0, 5423.0, 5718.0, 5393.0, 5519.0, 5532.0, 5396.0, 5315.0, 5362.0, 5528.0, 5313.0, 5700.0, 5374.0, 5566.0, 5665.0, 5558.0, 5502.0, 5298.0, 5386.0, 5583.0, 5628.0, 5575.0, 5445.0, 5474.0,

						5286.0, 5552.0, 5500.0, 5520.0, 5329.0, 5327.0, 5543.0, 5535.0, 5668.0, 5606.0, 5449.0, 5402.0, 5504.0, 5450.0, 5453.0, 5361.0, 5336.0, 5382.0, 5376.0, 5572.0, 5661.0, 5674.0, 5533.0, 5309.0, 5550.0, 5473.0, 5720.0, 5422.0, 5282.0, 5706.0, 5650.0, 5378.0, 5448.0, 5330.0, 5310.0, 5371.0, 5597.0, 5264.0, 5275.0, 5670.0, 5510.0, 5486.0, 5252.0, 5564.0, 5499.0, 5370.0, 5408.0, 5707.0, 5373.0, 5400.0, 5431.0, 5281.0, 5522.0, 5696.0, 5515.0, 5498.0, 5582.0, 5507.0, 5345.0, 5554.0 (number of hits: 36)
7	5570	9	1	333	1	5649.0, 5656.0, 5508.0, 5720.0, 5595.0, 5524.0, 5491.0, 5668.0, 5659.0, 5396.0, 5673.0, 5555.0, 5419.0, 5377.0, 5433.0, 5543.0, 5530.0, 5505.0, 5263.0, 5461.0, 5424.0, 5439.0, 5546.0, 5332.0, 5625.0, 5522.0, 5545.0, 5284.0, 5484.0, 5322.0, 5432.0, 5582.0, 5699.0, 5717.0, 5409.0, 5381.0, 5325.0, 5631.0, 5542.0, 5473.0, 5329.0, 5375.0, 5636.0, 5328.0, 5343.0, 5704.0, 5658.0, 5280.0, 5335.0, 5653.0, 5552.0, 5520.0, 5553.0, 5711.0, 5399.0, 5393.0, 5282.0, 5410.0, 5521.0, 5364.0, 5557.0, 5714.0, 5417.0, 5632.0, 5294.0, 5723.0, 5253.0, 5608.0, 5277.0, 5642.0, 5366.0, 5590.0, 5387.0, 5260.0, 5423.0, 5622.0, 5303.0, 5689.0, 5561.0, 5663.0, 5570.0, 5330.0, 5261.0, 5286.0, 5258.0, 5635.0, 5568.0, 5290.0, 5715.0, 5618.0, 5610.0, 5460.0, 5548.0, 5533.0, 5559.0, 5465.0, 5667.0, 5500.0, 5538.0, 5415.0 (number of hits: 38)
8	5570	9	1	333	1	5305.0, 5600.0, 5460.0, 5497.0, 5506.0, 5545.0, 5612.0, 5720.0, 5605.0, 5475.0, 5644.0, 5629.0, 5416.0, 5441.0, 5613.0, 5493.0, 5630.0, 5653.0, 5361.0, 5337.0, 5455.0, 5633.0, 5368.0, 5594.0, 5322.0, 5405.0, 5483.0, 5625.0, 5687.0, 5557.0, 5359.0, 5430.0, 5631.0, 5577.0, 5699.0, 5274.0, 5303.0, 5406.0, 5283.0, 5634.0, 5624.0, 5278.0, 5458.0, 5348.0, 5510.0, 5360.0, 5540.0, 5371.0, 5532.0, 5648.0, 5459.0, 5635.0, 5536.0, 5331.0, 5306.0, 5692.0, 5514.0, 5537.0, 5282.0, 5562.0, 5707.0, 5333.0, 5279.0, 5446.0, 5415.0, 5383.0, 5262.0, 5487.0, 5471.0, 5288.0, 5310.0, 5549.0, 5609.0, 5486.0, 5645.0, 5595.0, 5626.0, 5617.0, 5463.0, 5657.0, 5659.0, 5684.0, 5535.0, 5261.0, 5398.0, 5260.0, 5315.0, 5561.0, 5377.0, 5363.0, 5256.0, 5343.0, 5319.0, 5516.0, 5580.0, 5519.0, 5369.0, 5547.0, 5399.0, 5711.0 (number of hits: 40)
9	5570	9	1	333		
10	5570	9	1	333	1	5601.0, 5264.0, 5411.0, 5493.0, 5545.0, 5618.0, 5375.0, 5320.0, 5306.0, 5519.0, 5284.0, 5270.0, 5303.0, 5596.0, 5513.0,

						5262.0, 5639.0, 5506.0, 5314.0, 5714.0, 5643.0, 5713.0, 5558.0, 5563.0, 5363.0, 5340.0, 5697.0, 5566.0, 5698.0, 5609.0, 5420.0, 5662.0, 5604.0, 5473.0, 5515.0, 5599.0, 5446.0, 5347.0, 5370.0, 5695.0, 5343.0, 5426.0, 5521.0, 5619.0, 5468.0, 5476.0, 5721.0, 5638.0, 5359.0, 5548.0, 5648.0, 5310.0, 5640.0, 5670.0, 5281.0, 5421.0, 5507.0, 5418.0, 5467.0, 5675.0, 5487.0, 5680.0, 5617.0, 5283.0, 5611.0, 5595.0, 5625.0, 5362.0, 5641.0, 5517.0, 5615.0, 5328.0, 5589.0, 5686.0, 5528.0, 5598.0, 5716.0, 5419.0, 5626.0, 5296.0, 5586.0, 5268.0, 5621.0, 5282.0, 5309.0, 5583.0, 5472.0, 5542.0, 5578.0, 5579.0, 5500.0, 5288.0, 5417.0, 5316.0, 5372.0, 5394.0, 5539.0, 5389.0, 5434.0, 5442.0 (number of hits: 43)
11	5570	9	1	333	1	5411.0, 5407.0, 5359.0, 5472.0, 5585.0, 5403.0, 5395.0, 5684.0, 5504.0, 5691.0, 5500.0, 5552.0, 5417.0, 5588.0, 5329.0, 5318.0, 5357.0, 5619.0, 5506.0, 5613.0, 5650.0, 5303.0, 5374.0, 5489.0, 5333.0, 5384.0, 5499.0, 5400.0, 5602.0, 5633.0, 5260.0, 5532.0, 5497.0, 5661.0, 5275.0, 5680.0, 5635.0, 5378.0, 5652.0, 5385.0, 5669.0, 5722.0, 5597.0, 5522.0, 5470.0, 5595.0, 5346.0, 5547.0, 5616.0, 5510.0, 5486.0, 5449.0, 5526.0, 5596.0, 5593.0, 5529.0, 5707.0, 5286.0, 5415.0, 5340.0, 5276.0, 5620.0, 5555.0, 5604.0, 5476.0, 5423.0, 5557.0, 5331.0, 5700.0, 5443.0, 5392.0, 5710.0, 5530.0, 5475.0, 5673.0, 5287.0, 5455.0, 5381.0, 5505.0, 5377.0, 5495.0, 5252.0, 5349.0, 5667.0, 5651.0, 5477.0, 5601.0, 5704.0, 5657.0, 5426.0, 5429.0, 5518.0, 5351.0, 5459.0, 5612.0, 5344.0, 5569.0, 5649.0, 5264.0, 5393.0 (number of hits: 36)
12	5570	9	1	333	1	5473.0, 5494.0, 5580.0, 5355.0, 5543.0, 5425.0, 5435.0, 5264.0, 5711.0, 5325.0, 5476.0, 5262.0, 5270.0, 5279.0, 5328.0, 5681.0, 5375.0, 5680.0, 5521.0, 5563.0, 5535.0, 5414.0, 5451.0, 5609.0, 5290.0, 5266.0, 5620.0, 5362.0, 5289.0, 5392.0, 5621.0, 5285.0, 5604.0, 5327.0, 5657.0, 5576.0, 5590.0, 5302.0, 5388.0, 5412.0, 5340.0, 5284.0, 5453.0, 5489.0, 5479.0, 5622.0, 5637.0, 5534.0, 5488.0, 5582.0, 5396.0, 5359.0, 5562.0, 5498.0, 5496.0, 5536.0, 5557.0, 5421.0, 5699.0, 5282.0, 5495.0, 5449.0, 5384.0, 5645.0, 5461.0, 5287.0, 5272.0, 5376.0, 5350.0, 5351.0, 5654.0, 5277.0, 5295.0, 5589.0, 5499.0, 5432.0, 5661.0, 5613.0, 5697.0, 5630.0, 5617.0, 5691.0, 5710.0, 5669.0, 5688.0, 5465.0, 5549.0, 5477.0, 5666.0, 5629.0, 5454.0, 5431.0, 5377.0, 5298.0, 5471.0, 5556.0, 5307.0, 5558.0, 5537.0, 5577.0

						(number of hits: 34)
13	5570	9	1	333	1	5655.0, 5252.0, 5593.0, 5694.0, 5518.0, 5459.0, 5617.0, 5416.0, 5519.0, 5414.0, 5299.0, 5449.0, 5584.0, 5564.0, 5482.0, 5381.0, 5576.0, 5263.0, 5436.0, 5323.0, 5410.0, 5342.0, 5529.0, 5631.0, 5322.0, 5363.0, 5479.0, 5467.0, 5399.0, 5700.0, 5453.0, 5603.0, 5272.0, 5503.0, 5253.0, 5473.0, 5719.0, 5266.0, 5573.0, 5364.0, 5300.0, 5269.0, 5696.0, 5294.0, 5724.0, 5478.0, 5717.0, 5447.0, 5491.0, 5597.0, 5404.0, 5396.0, 5469.0, 5394.0, 5329.0, 5722.0, 5345.0, 5374.0, 5592.0, 5350.0, 5600.0, 5384.0, 5670.0, 5254.0, 5455.0, 5623.0, 5707.0, 5555.0, 5497.0, 5628.0, 5508.0, 5433.0, 5403.0, 5422.0, 5257.0, 5274.0, 5346.0, 5656.0, 5400.0, 5421.0, 5385.0, 5268.0, 5645.0, 5514.0, 5577.0, 5582.0, 5359.0, 5527.0, 5390.0, 5630.0, 5476.0, 5499.0, 5715.0, 5336.0, 5488.0, 5284.0, 5709.0, 5660.0, 5321.0, 5489.0 (number of hits: 28)
14	5570	9	1	333	1	5433.0, 5485.0, 5721.0, 5569.0, 5716.0, 5532.0, 5453.0, 5662.0, 5346.0, 5295.0, 5616.0, 5401.0, 5625.0, 5693.0, 5333.0, 5429.0, 5289.0, 5425.0, 5459.0, 5624.0, 5654.0, 5565.0, 5508.0, 5349.0, 5463.0, 5274.0, 5443.0, 5719.0, 5326.0, 5305.0, 5604.0, 5498.0, 5486.0, 5651.0, 5369.0, 5342.0, 5415.0, 5501.0, 5298.0, 5403.0, 5277.0, 5657.0, 5265.0, 5395.0, 5586.0, 5599.0, 5497.0, 5504.0, 5564.0, 5675.0, 5363.0, 5302.0, 5255.0, 5283.0, 5720.0, 5451.0, 5378.0, 5538.0, 5681.0, 5646.0, 5381.0, 5388.0, 5546.0, 5585.0, 5655.0, 5462.0, 5539.0, 5370.0, 5710.0, 5712.0, 5644.0, 5601.0, 5677.0, 5325.0, 5297.0, 5685.0, 5398.0, 5495.0, 5411.0, 5313.0, 5399.0, 5597.0, 5441.0, 5594.0, 5705.0, 5636.0, 5384.0, 5578.0, 5288.0, 5593.0, 5426.0, 5535.0, 5640.0, 5695.0, 5335.0, 5345.0, 5447.0, 5568.0, 5456.0, 5507.0 (number of hits: 32)
15	5570	9	1	333	1	5642.0, 5576.0, 5549.0, 5496.0, 5466.0, 5714.0, 5566.0, 5538.0, 5470.0, 5339.0, 5519.0, 5371.0, 5683.0, 5711.0, 5468.0, 5317.0, 5528.0, 5414.0, 5469.0, 5510.0, 5526.0, 5606.0, 5637.0, 5488.0, 5662.0, 5557.0, 5670.0, 5291.0, 5453.0, 5258.0, 5698.0, 5419.0, 5267.0, 5439.0, 5391.0, 5705.0, 5380.0, 5424.0, 5663.0, 5481.0, 5336.0, 5539.0, 5312.0, 5627.0, 5337.0, 5447.0, 5268.0, 5326.0, 5455.0, 5499.0, 5652.0, 5645.0, 5341.0, 5404.0, 5427.0, 5650.0, 5324.0, 5413.0, 5653.0, 5484.0, 5344.0, 5477.0, 5415.0, 5459.0, 5490.0, 5386.0, 5353.0, 5612.0, 5504.0, 5262.0, 5534.0, 5383.0, 5305.0, 5372.0, 5515.0, 5260.0, 5417.0, 5388.0, 5679.0, 5277.0,

						5396.0, 5359.0, 5457.0, 5254.0, 5552.0, 5284.0, 5311.0, 5304.0, 5618.0, 5467.0, 5517.0, 5596.0, 5421.0, 5269.0, 5435.0, 5530.0, 5287.0, 5418.0, 5325.0, 5694.0 (number of hits: 27)
16	5570	9	1	333	1	5383.0, 5301.0, 5333.0, 5344.0, 5289.0, 5324.0, 5558.0, 5577.0, 5538.0, 5592.0, 5424.0, 5585.0, 5256.0, 5623.0, 5700.0, 5675.0, 5708.0, 5590.0, 5545.0, 5335.0, 5620.0, 5567.0, 5356.0, 5711.0, 5420.0, 5267.0, 5268.0, 5667.0, 5255.0, 5720.0, 5501.0, 5295.0, 5459.0, 5544.0, 5698.0, 5695.0, 5279.0, 5528.0, 5704.0, 5378.0, 5278.0, 5445.0, 5436.0, 5721.0, 5473.0, 5382.0, 5425.0, 5554.0, 5393.0, 5313.0, 5647.0, 5381.0, 5316.0, 5551.0, 5416.0, 5685.0, 5571.0, 5252.0, 5572.0, 5681.0, 5714.0, 5462.0, 5679.0, 5391.0, 5682.0, 5635.0, 5566.0, 5266.0, 5607.0, 5598.0, 5303.0, 5633.0, 5589.0, 5575.0, 5392.0, 5555.0, 5531.0, 5456.0, 5340.0, 5374.0, 5537.0, 5665.0, 5513.0, 5299.0, 5271.0, 5426.0, 5476.0, 5652.0, 5591.0, 5650.0, 5413.0, 5500.0, 5359.0, 5308.0, 5379.0, 5556.0, 5401.0, 5352.0, 5692.0, 5642.0 (number of hits: 33)
17	5570	9	1	333	1	5377.0, 5301.0, 5609.0, 5342.0, 5468.0, 5425.0, 5414.0, 5575.0, 5357.0, 5268.0, 5572.0, 5285.0, 5514.0, 5577.0, 5310.0, 5490.0, 5472.0, 5529.0, 5596.0, 5671.0, 5537.0, 5350.0, 5374.0, 5367.0, 5512.0, 5647.0, 5340.0, 5634.0, 5272.0, 5670.0, 5522.0, 5275.0, 5693.0, 5256.0, 5697.0, 5608.0, 5467.0, 5394.0, 5519.0, 5500.0, 5266.0, 5398.0, 5428.0, 5680.0, 5652.0, 5274.0, 5629.0, 5636.0, 5668.0, 5588.0, 5540.0, 5306.0, 5445.0, 5420.0, 5625.0, 5626.0, 5622.0, 5585.0, 5391.0, 5271.0, 5524.0, 5339.0, 5439.0, 5713.0, 5568.0, 5481.0, 5687.0, 5393.0, 5261.0, 5311.0, 5688.0, 5441.0, 5366.0, 5258.0, 5390.0, 5466.0, 5330.0, 5683.0, 5559.0, 5473.0, 5464.0, 5610.0, 5341.0, 5407.0, 5436.0, 5496.0, 5284.0, 5545.0, 5411.0, 5497.0, 5290.0, 5359.0, 5316.0, 5255.0, 5564.0, 5430.0, 5270.0, 5517.0, 5347.0, 5277.0 (number of hits: 33)
18	5570	9	1	333	1	5512.0, 5580.0, 5542.0, 5626.0, 5551.0, 5334.0, 5517.0, 5424.0, 5487.0, 5368.0, 5646.0, 5496.0, 5694.0, 5256.0, 5618.0, 5402.0, 5506.0, 5497.0, 5342.0, 5321.0, 5687.0, 5385.0, 5577.0, 5355.0, 5315.0, 5322.0, 5523.0, 5533.0, 5639.0, 5468.0, 5333.0, 5300.0, 5718.0, 5289.0, 5491.0, 5587.0, 5464.0, 5304.0, 5407.0, 5397.0, 5285.0, 5688.0, 5429.0, 5359.0, 5255.0, 5692.0, 5604.0, 5286.0, 5503.0, 5500.0, 5426.0, 5338.0, 5510.0, 5708.0, 5700.0, 5610.0, 5600.0, 5472.0, 5527.0, 5598.0,

						5540.0, 5508.0, 5467.0, 5652.0, 5620.0, 5331.0, 5443.0, 5296.0, 5453.0, 5710.0, 5326.0, 5606.0, 5267.0, 5408.0, 5383.0, 5292.0, 5590.0, 5634.0, 5361.0, 5307.0, 5395.0, 5360.0, 5400.0, 5643.0, 5347.0, 5421.0, 5576.0, 5636.0, 5690.0, 5409.0, 5531.0, 5515.0, 5436.0, 5432.0, 5499.0, 5312.0, 5294.0, 5524.0, 5308.0, 5484.0 (number of hits: 38)
19	5570	9	1	333	1	5572.0, 5586.0, 5679.0, 5576.0, 5256.0, 5601.0, 5611.0, 5374.0, 5262.0, 5399.0, 5614.0, 5438.0, 5509.0, 5664.0, 5432.0, 5397.0, 5406.0, 5530.0, 5534.0, 5420.0, 5511.0, 5626.0, 5398.0, 5461.0, 5507.0, 5309.0, 5712.0, 5341.0, 5426.0, 5265.0, 5569.0, 5254.0, 5298.0, 5269.0, 5669.0, 5556.0, 5442.0, 5672.0, 5685.0, 5628.0, 5606.0, 5632.0, 5409.0, 5385.0, 5714.0, 5373.0, 5622.0, 5513.0, 5272.0, 5677.0, 5400.0, 5328.0, 5620.0, 5689.0, 5673.0, 5455.0, 5356.0, 5710.0, 5706.0, 5380.0, 5718.0, 5566.0, 5707.0, 5477.0, 5467.0, 5308.0, 5516.0, 5487.0, 5270.0, 5260.0, 5705.0, 5415.0, 5695.0, 5337.0, 5590.0, 5646.0, 5607.0, 5285.0, 5515.0, 5440.0, 5464.0, 5421.0, 5291.0, 5491.0, 5495.0, 5338.0, 5598.0, 5617.0, 5636.0, 5701.0, 5362.0, 5521.0, 5250.0, 5641.0, 5261.0, 5264.0, 5287.0, 5268.0, 5531.0, 5255.0 (number of hits: 34)
20	5570	9	1	333	1	5685.0, 5439.0, 5343.0, 5410.0, 5359.0, 5649.0, 5364.0, 5606.0, 5476.0, 5369.0, 5593.0, 5344.0, 5400.0, 5437.0, 5631.0, 5488.0, 5297.0, 5431.0, 5562.0, 5262.0, 5509.0, 5292.0, 5255.0, 5254.0, 5290.0, 5398.0, 5253.0, 5703.0, 5624.0, 5490.0, 5451.0, 5302.0, 5251.0, 5338.0, 5633.0, 5345.0, 5721.0, 5572.0, 5387.0, 5719.0, 5416.0, 5485.0, 5432.0, 5478.0, 5508.0, 5634.0, 5547.0, 5320.0, 5504.0, 5636.0, 5301.0, 5670.0, 5274.0, 5296.0, 5598.0, 5433.0, 5319.0, 5310.0, 5479.0, 5540.0, 5645.0, 5690.0, 5351.0, 5717.0, 5427.0, 5368.0, 5678.0, 5503.0, 5558.0, 5629.0, 5672.0, 5277.0, 5272.0, 5300.0, 5252.0, 5535.0, 5354.0, 5414.0, 5324.0, 5477.0, 5356.0, 5664.0, 5714.0, 5667.0, 5578.0, 5380.0, 5556.0, 5541.0, 5468.0, 5594.0, 5642.0, 5623.0, 5511.0, 5305.0, 5472.0, 5625.0, 5553.0, 5691.0, 5370.0, 5464.0 (number of hits: 31)
21	5570	9	1	333		
22	5570	9	1	333	1	5520.0, 5700.0, 5508.0, 5360.0, 5497.0, 5378.0, 5301.0, 5280.0, 5599.0, 5251.0, 5269.0, 5479.0, 5715.0, 5297.0, 5402.0, 5672.0, 5685.0, 5349.0, 5465.0, 5380.0, 5276.0, 5538.0, 5354.0, 5679.0, 5272.0, 5483.0, 5347.0, 5515.0, 5284.0, 5498.0, 5578.0, 5460.0, 5431.0, 5609.0, 5627.0,

						5691.0, 5415.0, 5586.0, 5381.0, 5702.0, 5510.0, 5307.0, 5664.0, 5531.0, 5670.0, 5255.0, 5446.0, 5656.0, 5636.0, 5261.0, 5657.0, 5470.0, 5582.0, 5388.0, 5335.0, 5591.0, 5278.0, 5441.0, 5561.0, 5630.0, 5489.0, 5484.0, 5482.0, 5474.0, 5710.0, 5546.0, 5525.0, 5690.0, 5671.0, 5437.0, 5624.0, 5692.0, 5673.0, 5706.0, 5516.0, 5589.0, 5374.0, 5678.0, 5524.0, 5547.0, 5668.0, 5369.0, 5601.0, 5603.0, 5705.0, 5253.0, 5540.0, 5386.0, 5348.0, 5652.0, 5648.0, 5580.0, 5487.0, 5526.0, 5345.0, 5318.0, 5447.0, 5536.0, 5600.0, 5362.0 (number of hits: 33)
23	5570	9	1	333	1	5262.0, 5444.0, 5538.0, 5461.0, 5717.0, 5599.0, 5480.0, 5265.0, 5638.0, 5594.0, 5574.0, 5327.0, 5371.0, 5668.0, 5489.0, 5586.0, 5636.0, 5259.0, 5410.0, 5711.0, 5392.0, 5510.0, 5288.0, 5577.0, 5373.0, 5361.0, 5425.0, 5500.0, 5646.0, 5278.0, 5483.0, 5291.0, 5575.0, 5571.0, 5453.0, 5676.0, 5666.0, 5625.0, 5470.0, 5274.0, 5495.0, 5381.0, 5502.0, 5554.0, 5563.0, 5255.0, 5597.0, 5512.0, 5394.0, 5652.0, 5686.0, 5476.0, 5452.0, 5551.0, 5621.0, 5693.0, 5501.0, 5670.0, 5505.0, 5498.0, 5383.0, 5631.0, 5353.0, 5254.0, 5673.0, 5367.0, 5432.0, 5256.0, 5612.0, 5457.0, 5469.0, 5641.0, 5421.0, 5573.0, 5472.0, 5355.0, 5598.0, 5550.0, 5395.0, 5346.0, 5399.0, 5581.0, 5547.0, 5591.0, 5427.0, 5403.0, 5486.0, 5697.0, 5677.0, 5702.0, 5542.0, 5264.0, 5433.0, 5660.0, 5699.0, 5292.0, 5689.0, 5330.0, 5651.0, 5564.0 (number of hits: 36)
24	5570	9	1	333	1	5587.0, 5417.0, 5556.0, 5651.0, 5344.0, 5677.0, 5711.0, 5504.0, 5436.0, 5343.0, 5595.0, 5648.0, 5397.0, 5267.0, 5453.0, 5722.0, 5255.0, 5434.0, 5299.0, 5720.0, 5662.0, 5273.0, 5429.0, 5369.0, 5518.0, 5376.0, 5381.0, 5406.0, 5685.0, 5418.0, 5379.0, 5579.0, 5526.0, 5454.0, 5408.0, 5287.0, 5317.0, 5635.0, 5547.0, 5517.0, 5385.0, 5261.0, 5491.0, 5718.0, 5320.0, 5699.0, 5657.0, 5392.0, 5288.0, 5673.0, 5502.0, 5383.0, 5584.0, 5465.0, 5615.0, 5628.0, 5499.0, 5374.0, 5321.0, 5481.0, 5599.0, 5656.0, 5314.0, 5593.0, 5650.0, 5469.0, 5640.0, 5302.0, 5498.0, 5489.0, 5574.0, 5414.0, 5581.0, 5282.0, 5525.0, 5264.0, 5546.0, 5670.0, 5703.0, 5682.0, 5427.0, 5572.0, 5549.0, 5686.0, 5297.0, 5413.0, 5659.0, 5578.0, 5409.0, 5361.0, 5516.0, 5319.0, 5702.0, 5527.0, 5692.0, 5399.0, 5630.0, 5316.0, 5667.0, 5569.0 (number of hits: 32)
25	5570	9	1	333		
26	5570	9	1	333	1	5621.0, 5480.0, 5422.0, 5453.0, 5331.0, 5544.0, 5596.0, 5466.0, 5252.0, 5709.0,

						5473.0, 5625.0, 5294.0, 5710.0, 5687.0, 5653.0, 5659.0, 5565.0, 5508.0, 5655.0, 5532.0, 5503.0, 5529.0, 5520.0, 5633.0, 5356.0, 5441.0, 5684.0, 5654.0, 5485.0, 5283.0, 5452.0, 5257.0, 5318.0, 5448.0, 5383.0, 5267.0, 5459.0, 5561.0, 5300.0, 5668.0, 5313.0, 5645.0, 5597.0, 5325.0, 5426.0, 5630.0, 5316.0, 5658.0, 5631.0, 5577.0, 5569.0, 5626.0, 5304.0, 5524.0, 5563.0, 5477.0, 5336.0, 5507.0, 5539.0, 5590.0, 5432.0, 5580.0, 5400.0, 5613.0, 5551.0, 5493.0, 5643.0, 5415.0, 5637.0, 5373.0, 5277.0, 5269.0, 5361.0, 5462.0, 5397.0, 5256.0, 5719.0, 5688.0, 5399.0, 5278.0, 5533.0, 5425.0, 5342.0, 5562.0, 5396.0, 5384.0, 5628.0, 5469.0, 5515.0, 5346.0, 5286.0, 5701.0, 5705.0, 5512.0, 5575.0, 5273.0, 5263.0, 5648.0, 5404.0 (number of hits: 37)
27	5570	9	1	333	1	5500.0, 5474.0, 5393.0, 5368.0, 5309.0, 5259.0, 5715.0, 5322.0, 5460.0, 5508.0, 5486.0, 5277.0, 5435.0, 5356.0, 5537.0, 5703.0, 5520.0, 5694.0, 5493.0, 5330.0, 5538.0, 5647.0, 5382.0, 5576.0, 5406.0, 5478.0, 5316.0, 5718.0, 5506.0, 5374.0, 5627.0, 5571.0, 5310.0, 5426.0, 5410.0, 5258.0, 5421.0, 5530.0, 5324.0, 5373.0, 5666.0, 5677.0, 5664.0, 5268.0, 5254.0, 5440.0, 5675.0, 5301.0, 5402.0, 5288.0, 5489.0, 5385.0, 5494.0, 5464.0, 5665.0, 5653.0, 5452.0, 5362.0, 5319.0, 5457.0, 5621.0, 5354.0, 5668.0, 5394.0, 5266.0, 5505.0, 5443.0, 5387.0, 5723.0, 5536.0, 5567.0, 5339.0, 5716.0, 5631.0, 5323.0, 5712.0, 5717.0, 5282.0, 5651.0, 5412.0, 5345.0, 5425.0, 5349.0, 5543.0, 5331.0, 5294.0, 5297.0, 5630.0, 5648.0, 5696.0, 5612.0, 5392.0, 5605.0, 5317.0, 5550.0, 5644.0, 5622.0, 5708.0, 5432.0, 5697.0 (number of hits: 26)
28	5570	9	1	333	1	5256.0, 5487.0, 5600.0, 5670.0, 5346.0, 5572.0, 5714.0, 5466.0, 5556.0, 5333.0, 5326.0, 5710.0, 5701.0, 5289.0, 5476.0, 5521.0, 5520.0, 5458.0, 5666.0, 5282.0, 5650.0, 5565.0, 5638.0, 5448.0, 5566.0, 5643.0, 5608.0, 5328.0, 5454.0, 5436.0, 5293.0, 5371.0, 5267.0, 5314.0, 5411.0, 5625.0, 5447.0, 5626.0, 5696.0, 5429.0, 5502.0, 5457.0, 5665.0, 5715.0, 5583.0, 5354.0, 5486.0, 5404.0, 5533.0, 5688.0, 5690.0, 5562.0, 5500.0, 5319.0, 5649.0, 5294.0, 5673.0, 5401.0, 5590.0, 5273.0, 5478.0, 5258.0, 5569.0, 5288.0, 5558.0, 5587.0, 5595.0, 5642.0, 5367.0, 5538.0, 5707.0, 5648.0, 5559.0, 5545.0, 5702.0, 5443.0, 5527.0, 5531.0, 5340.0, 5703.0, 5441.0, 5424.0, 5372.0, 5420.0, 5618.0, 5524.0, 5508.0, 5697.0, 5563.0, 5363.0, 5336.0, 5514.0, 5581.0, 5674.0, 5522.0,

						5506.0, 5507.0, 5368.0, 5484.0, 5684.0 (number of hits: 39)
29	5570	9	1	333	1	5370.0, 5549.0, 5400.0, 5459.0, 5673.0, 5659.0, 5283.0, 5635.0, 5484.0, 5305.0, 5590.0, 5665.0, 5251.0, 5600.0, 5574.0, 5384.0, 5328.0, 5491.0, 5702.0, 5462.0, 5330.0, 5501.0, 5553.0, 5470.0, 5686.0, 5351.0, 5505.0, 5561.0, 5633.0, 5294.0, 5570.0, 5592.0, 5577.0, 5369.0, 5300.0, 5289.0, 5705.0, 5510.0, 5554.0, 5368.0, 5278.0, 5493.0, 5475.0, 5288.0, 5585.0, 5303.0, 5404.0, 5422.0, 5508.0, 5255.0, 5667.0, 5520.0, 5656.0, 5502.0, 5603.0, 5388.0, 5259.0, 5350.0, 5423.0, 5701.0, 5371.0, 5597.0, 5618.0, 5487.0, 5583.0, 5556.0, 5258.0, 5261.0, 5426.0, 5695.0, 5465.0, 5321.0, 5386.0, 5706.0, 5587.0, 5304.0, 5550.0, 5342.0, 5341.0, 5354.0, 5530.0, 5608.0, 5509.0, 5405.0, 5531.0, 5621.0, 5327.0, 5657.0, 5503.0, 5385.0, 5623.0, 5301.0, 5418.0, 5544.0, 5280.0, 5652.0, 5687.0, 5617.0, 5390.0, 5322.0 (number of hits: 37)
30	5570	9	1	333	1	5654.0, 5308.0, 5306.0, 5502.0, 5539.0, 5560.0, 5375.0, 5514.0, 5522.0, 5451.0, 5351.0, 5393.0, 5566.0, 5716.0, 5333.0, 5327.0, 5326.0, 5428.0, 5398.0, 5257.0, 5416.0, 5692.0, 5564.0, 5372.0, 5706.0, 5400.0, 5356.0, 5570.0, 5595.0, 5488.0, 5623.0, 5721.0, 5548.0, 5383.0, 5419.0, 5469.0, 5597.0, 5491.0, 5364.0, 5312.0, 5391.0, 5689.0, 5316.0, 5545.0, 5575.0, 5456.0, 5292.0, 5708.0, 5314.0, 5610.0, 5647.0, 5590.0, 5543.0, 5556.0, 5473.0, 5371.0, 5297.0, 5592.0, 5705.0, 5677.0, 5440.0, 5508.0, 5509.0, 5289.0, 5498.0, 5480.0, 5500.0, 5310.0, 5527.0, 5337.0, 5349.0, 5412.0, 5347.0, 5276.0, 5588.0, 5637.0, 5554.0, 5638.0, 5576.0, 5598.0, 5342.0, 5298.0, 5311.0, 5668.0, 5517.0, 5358.0, 5601.0, 5662.0, 5463.0, 5281.0, 5516.0, 5695.0, 5283.0, 5617.0, 5541.0, 5434.0, 5258.0, 5544.0, 5392.0, 5264.0 (number of hits: 38)

160MHz (5290MHz)

Radar SignalType	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A	15	93.3	60	Pass
Type 1B	15	93.3	60	Pass
Type 2	30	93.3	60	Pass
Type 3	30	86.7	60	Pass
Type 4	30	90	60	Pass
Aggregate (Radar Types 1-4)	120	90.8	80	Pass
Type 5	30	96.7	80	Pass
Type 6	30	96.7	70	Pass

Please refer to the following statistical tables:

5290MHz

Radar Type 1A Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5290	59	1	898	1
2	5290	61	1	878	1
3	5290	72	1	738	1
4	5290	58	1	918	1
5	5290	74	1	718	1
6	5290	65	1	818	1
7	5290	89	1	598	1
8	5290	102	1	518	1
9	5290	68	1	778	0
10	5290	99	1	538	1
11	5290	67	1	798	1
12	5290	83	1	638	1
13	5290	62	1	858	1
14	5290	81	1	658	1
15	5290	63	1	838	1
Detection Percentage: 93.3 % (>60%)					

Radar Type 1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5290	23	1	2340	1
2	5290	38	1	1411	1
3	5290	39	1	1363	1
4	5290	68	1	777	0
5	5290	30	1	1780	1
6	5290	69	1	772	1
7	5290	46	1	1156	1
8	5290	19	1	2845	1
9	5290	34	1	1595	1
10	5290	20	1	2648	1
11	5290	26	1	2087	1
12	5290	33	1	1631	1
13	5290	19	1	2878	1
14	5290	58	1	917	1
15	5290	33	1	1602	1
Detection Percentage: 93.3 % (>60%)					

Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5290	27	4.6	173	0
2	5290	28	3.2	208	1
3	5290	27	2.8	166	1
4	5290	25	2.7	178	1
5	5290	28	4.5	230	1
6	5290	25	2.9	183	0
7	5290	25	1.1	185	1
8	5290	23	2.9	162	1
9	5290	26	1.5	190	1
10	5290	28	2.1	162	1
11	5290	27	4.6	201	1
12	5290	23	2.4	212	1
13	5290	26	1.6	187	1
14	5290	26	3	193	1
15	5290	25	2	188	1
16	5290	28	1.1	187	1
17	5290	24	2	216	1
18	5290	28	3.2	228	1
19	5290	28	1	194	1
20	5290	26	4	215	1
21	5290	26	4.4	194	1
22	5290	24	3.3	228	1
23	5290	27	3.6	183	1
24	5290	23	1.2	188	1
25	5290	25	2.2	182	1
26	5290	25	5	186	1
27	5290	26	1.3	192	1
28	5290	28	2.6	225	1
29	5290	23	4	211	1
30	5290	26	1.9	154	1
Detection Percentage: 93.3 % (>60%)					

Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5290	16	9.8	430	0
2	5290	17	7.1	361	1
3	5290	16	8.1	363	1
4	5290	17	9.2	410	1
5	5290	17	7.2	303	1
6	5290	18	7.1	496	1
7	5290	18	8.9	368	1
8	5290	18	6.5	385	1
9	5290	16	7.2	496	1
10	5290	18	7.9	245	1
11	5290	18	8.8	452	1
12	5290	18	8.2	317	1
13	5290	16	9.9	248	1
14	5290	17	8.7	409	1
15	5290	16	9.2	410	1
16	5290	18	9.1	483	1
17	5290	17	7.5	274	0
18	5290	17	8.3	444	1
19	5290	18	6.5	399	1
20	5290	17	9.4	463	1
21	5290	18	9.3	274	0
22	5290	16	8	277	1
23	5290	17	7.6	251	1
24	5290	18	7.1	497	1
25	5290	18	8.2	333	1
26	5290	18	7.9	237	1
27	5290	16	7.6	432	1
28	5290	16	9.9	463	1
29	5290	18	7.9	430	0
30	5290	17	7.2	300	1
Detection Percentage: 86.7 % (>60%)					

Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5290	16	17.1	273	1
2	5290	14	17.6	399	0
3	5290	16	15.6	435	1
4	5290	14	19.8	289	1
5	5290	14	11.5	375	1
6	5290	15	17.3	478	1
7	5290	16	19.7	430	1
8	5290	16	11.3	458	1
9	5290	15	12.1	399	1
10	5290	15	16.1	204	1
11	5290	15	11.9	248	1
12	5290	12	14.5	439	0
13	5290	16	17.5	301	1
14	5290	15	19.6	279	1
15	5290	15	18.3	240	1
16	5290	16	15.1	209	1
17	5290	12	12.7	408	1
18	5290	16	12.9	327	1
19	5290	13	18.2	296	1
20	5290	13	11.9	218	1
21	5290	15	14.8	282	1
22	5290	14	15.4	451	1
23	5290	16	12.3	361	1
24	5290	12	15	407	1
25	5290	16	11.7	474	1
26	5290	15	12.1	365	1
27	5290	15	16.2	305	1
28	5290	15	11.9	344	0
29	5290	16	12	499	1
30	5290	13	14.1	456	1
Detection Percentage: 90 % (>60%)					

Radar Type 5 Case 1 Statistical Performance

Statistics 1 (ChirpCenter Frequency: 5290.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	7	56.9			0.019945	1
1	2	7	57.1	1992		1.168697	
2	3	7	51.7	1227	1941	2.162388	
3	3	7	52.8	1905	1770	2.65438	
4	3	7	56.6	1508	1350	3.110315	
5	2	7	66	1581		4.253244	
6	2	7	56.7	1715		4.881169	
7	2	7	52.3	1758		5.500271	
8	2	7	70.5	1853		6.207518	
9	1	7	66.6			7.022577	
10	3	7	68.4	1705	1683	7.907452	
11	2	7	81.6	1682		8.278862	
12	2	7	92.6	1869		9.268564	
13	3	7	79.9	1999	1130	10.47845	
14	1	7	81.8			10.77882	
15	2	7	92.3	1013		11.8019	

Statistics 2 (ChirpCenter Frequency: 5290.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	15	57.6	1921		0.011861	0
1	2	15	68.2	1133		1.142267	
2	2	15	90.2	1135		1.724363	
3	2	15	65.6	1325		2.168931	
4	3	15	50.2	1375	1593	2.593001	
5	2	15	50.1	1597		3.016253	
6	3	15	53.4	1643	1177	4.081284	
7	2	15	94.3	1162		4.283647	
8	2	15	87.6	1805		5.319916	
9	3	15	91.3	1485	1400	5.63297	
10	2	15	81.2	1513		6.250214	
11	1	15	56.6			6.767702	
12	1	15	55.1			7.772159	
13	2	15	93.9	1262		7.880155	
14	2	15	97	1606		8.419787	
15	2	15	56.9	1715		9.249216	
16	2	15	76.4	1086		9.997193	
17	3	15	87.1	1553	1604	10.60903	
18	1	15	96.2			11.11273	
19	3	15	79.2	1266	1540	11.97203	

Statistics 3 (ChirpCenter Frequency: 5290.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	10	63.6	1799	1257	0.516837	1
1	2	10	72.8	1240		0.861691	
2	2	10	92.5	1038		2.136411	
3	2	10	92.2	1936		3.364101	
4	2	10	81.3	1779		3.649285	
5	2	10	74.1	1507		4.884281	
6	1	10	66.5			5.364987	
7	2	10	96.1	1724		6.546831	
8	1	10	68.6			6.927684	
9	2	10	75.6	1947		8.092778	
10	1	10	80.1			9.330472	
11	2	10	88.6	1405		9.930849	
12	3	10	68.1	1734	1405	10.62889	
13	1	10	57.7			11.30439	

Statistics 4 (ChirpCenter Frequency: 5290.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	12	96.9			0.359728	1
1	2	12	76.3	1097		1.339657	
2	1	12	91.1			3.102271	
3	2	12	52.5	1374		3.445318	
4	2	12	51.2	1596		4.568641	
5	1	12	60.5			5.509061	
6	2	12	58.8	1419		6.909196	
7	3	12	58.6	1774	1187	7.806281	
8	2	12	96.4	1861		8.72803	
9	2	12	51.7	1972		10.8559	
10	3	12	68.7	1970	1397	11.31121	

Statistics 5(ChirpCenter Frequency: 5290.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	6	65	1630	1173	0.205802	
1	1	6	50.9			1.688736	
2	1	6	97.9			2.068228	
3	2	6	62.8	1789		2.966768	
4	2	6	54.2	1575		3.967967	
5	2	6	77	1756		4.704385	
6	1	6	92.4			6.208105	1
7	2	6	97.2	1019		7.179147	
8	2	6	86.7	1391		7.549544	
9	2	6	96.3	1928		8.337517	
10	1	6	79.6			9.848458	
11	1	6	90			11.06982	
12	2	6	89.7	1537		11.1236	

Statistics 6 (ChirpCenter Frequency: 5290.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	16	52.2			0.857303	
1	3	16	98.5	1065	1851	1.927677	
2	2	16	70.6	1562		2.581381	
3	2	16	69.6	1770		3.052418	
4	2	16	98	1238		4.408622	
5	3	16	85.6	1592	1648	5.340134	
6	2	16	65.2	1653		6.567746	1
7	2	16	61.4	1347		7.791389	
8	2	16	83.2	1143		8.08666	
9	3	16	69.3	1101	1979	9.834171	
10	2	16	58	1429		10.91914	
11	3	16	65.4	1504	1547	11.0393	

Statistics 7(ChirpCenter Frequency: 5290.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	14	91.5	1321		0.28613	
1	2	14	59.4	1353		0.920117	
2	2	14	66.9	1856		1.926911	
3	1	14	96.9			3.01827	
4	2	14	66.1	1923		3.903875	
5	1	14	85.8			4.765559	
6	2	14	75.4	1078		5.346735	
7	1	14	99.1			6.103736	1
8	3	14	72.3	1939	1624	6.854581	
9	2	14	91	1154		7.663063	
10	3	14	69.8	1856	1090	8.587299	
11	2	14	53.1	1152		8.927974	
12	1	14	96			9.991329	
13	2	14	57.9	1646		10.71644	
14	2	14	69.3	1731		11.35012	

Statistics 8 (ChirpCenter Frequency: 5290.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	11	93.3			0.61937	
1	2	11	51.2	1024		1.807752	
2	1	11	77.4			3.683588	
3	2	11	76.9	1004		4.193632	
4	2	11	50.6	1672		6.51587	1
5	2	11	95.3	1524		7.011274	
6	1	11	76.4			9.225982	
7	3	11	79	1121	1720	10.53538	
8	1	11	56.6			11.1479	

Statistics 9 (ChirpCenter Frequency: 5290.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	8	75.5	1183	1443	0.841796	1
1	2	8	51.3	1050		2.968552	
2	1	8	88.2			3.786375	
3	1	8	72.8			5.327257	
4	2	8	92.5	1519		7.226485	
5	3	8	82	1725	1689	7.521775	
6	3	8	67.4	1059	1984	9.116129	
7	2	8	92.3	1282		11.22754	

Statistics 10 (ChirpCenter Frequency: 5290.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	7	83.2	1109	1506	0.621791	1
1	2	7	68.6	1109		1.444275	
2	1	7	65.8			2.443966	
3	3	7	55.2	1780	1915	2.717896	
4	1	7	54			3.692355	
5	3	7	80.1	1770	1360	4.309784	
6	1	7	81.1			5.343261	
7	2	7	56.6	1010		6.693969	
8	2	7	88.3	1377		7.391184	
9	3	7	93.7	1397	1637	8.523945	
10	3	7	83.9	1771	1461	8.754818	
11	2	7	70.6	1318		10.22262	
12	2	7	83.7	1511		10.4799	
13	2	7	78.5	1966		11.71393	

Radar Type 5 Case 2 Statistical Performance

Statistics 1 (ChirpCenter Frequency: 5256.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	16	86.4	1488		0.226739	1
1	2	16	65.7	1020		1.62494	
2	2	16	61.6	1555		2.092663	
3	3	16	58.1	1612	1377	3.063927	
4	2	16	89.1	1730		3.476802	
5	3	16	91.8	1850	1257	5.005113	
6	2	16	87.6	1076		5.235014	
7	2	16	54	1150		6.209683	
8	2	16	55.4	1805		7.115918	
9	3	16	72.3	1999	1940	8.345434	
10	1	16	75.6			9.16613	
11	2	16	70.2	1495		10.19426	
12	2	16	80.9	1103		10.82671	
13	3	16	99.7	1899	1025	11.39866	

Statistics 2 (ChirpCenter Frequency: 5255.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	12	58.7			0.22639	1
1	3	12	87	1021	1738	1.388011	
2	1	12	94.7			1.480143	
3	3	12	87	1985	1350	2.29934	
4	1	12	66.9			3.369614	
5	2	12	67.1	1554		3.696218	
6	3	12	75.6	1968	1581	4.56567	
7	1	12	56			5.417764	
8	2	12	67	1581		6.261778	
9	2	12	86.3	1756		6.558181	
10	2	12	67.5	1671		7.206078	
11	2	12	75.2	1077		7.792641	
12	2	12	53.8	1933		8.546501	
13	3	12	57.9	1817	1642	9.432509	
14	2	12	91.3	1802		10.25539	
15	2	12	83.8	1461		11.25518	
16	2	12	85.8	1281		11.65142	

Statistics 3 (ChirpCenter Frequency: 5255.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	12	95.9	1732		0.09462	
1	3	12	53.9	1032	1049	1.32774	
2	1	12	54.4			2.229454	
3	2	12	54.1	1051		2.831622	
4	1	12	96.2			3.761668	
5	2	12	55.4	1038		4.052419	
6	2	12	98.4	1082		5.523778	
7	1	12	56.4			5.897075	1
8	3	12	52.5	1578	1327	6.549305	
9	2	12	74.2	1516		7.659986	
10	3	12	71.1	1640	1663	8.197145	
11	3	12	84.8	1045	1727	8.852622	
12	1	12	80.2			9.990438	
13	2	12	63.7	1814		10.70106	
14	1	12	86.7			11.40206	

Statistics 4 (ChirpCenter Frequency: 5254.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	10	70.2			0.263108	
1	2	10	50.8	1829		1.427413	
2	3	10	67.3	1330	1187	2.286841	
3	2	10	67.8	1830		4.255553	
4	1	10	90			5.439765	
5	3	10	50.1	1523	1214	5.868177	1
6	3	10	89.5	1619	1280	7.465671	
7	3	10	62.4	1007	1965	8.66274	
8	2	10	55	1018		8.876795	
9	3	10	65.9	1756	1202	10.00697	
10	2	10	55.7	1334		11.62315	

Statistics 5 (ChirpCenter Frequency: 5254.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	9	53.1	1334	1488	0.170018	
1	2	9	52.7	1873		1.807639	
2	1	9	97.9			3.391815	
3	2	9	56.6	1208		5.046204	
4	2	9	54.1	1998		6.217748	1
5	2	9	84	1245		7.086182	
6	3	9	85.7	1264	1203	8.424145	
7	1	9	62.2			10.59124	
8	1	9	66			10.83069	

Statistics 6 (ChirpCenter Frequency: 5256.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	15	65.8	1159		1.082935	
1	3	15	66.5	1840	1721	1.336241	
2	2	15	67.4	1236		2.918904	
3	2	15	69.7	1013		4.908949	
4	2	15	51.2	1025		6.127967	1
5	2	15	97.9	1459		7.41586	
6	2	15	53.1	1534		9.042809	
7	3	15	59.6	1801	1899	10.16073	
8	2	15	54.4	1906		11.3783	

Statistics 7 (ChirpCenter Frequency: 5256.0MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(uS)	Pulse 2-3 spacing(uS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	15	84.1			0.311301	
1	1	15	89			1.004529	
2	2	15	99.1	1553		2.056284	
3	2	15	67.7	1392		2.851239	
4	2	15	62.1	1902		3.967334	
5	2	15	51.3	1477		4.910205	
6	1	15	94.6			5.736024	
7	2	15	94.9	1028		6.84201	1
8	3	15	96.4	1637	1072	7.355243	
9	3	15	75.6	1262	1349	8.45061	
10	1	15	94			8.886964	
11	2	15	90	1762		10.00079	
12	3	15	94.5	1392	1371	10.82433	
13	2	15	54.5	1058		11.77677	

Statistics 8 (ChirpCenter Frequency: 5256.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	15	76.7	1601		0.746843	1
1	2	15	57.6	1243		2.208795	
2	2	15	85.5	1646		3.071689	
3	2	15	56.5	1955		3.814578	
4	2	15	75	1533		5.895724	
5	3	15	91	1938	1329	6.095587	
6	2	15	50	1575		8.088635	
7	1	15	82			9.134791	
8	2	15	75.4	1592		9.637974	
9	2	15	72.9	1434		11.00776	

Statistics 9 (ChirpCenter Frequency: 5254.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	11	61.1	1862		0.391351	1
1	2	11	71.5	1065		1.102145	
2	2	11	93.7	1655		1.422242	
3	2	11	71.1	1421		2.555375	
4	3	11	54.1	1701	1399	3.520959	
5	2	11	71.5	1698		3.880746	
6	2	11	99.8	1994		4.524253	
7	2	11	69.3	1651		4.994699	
8	1	11	56.3			5.817429	
9	1	11	55.3			6.975984	
10	2	11	50.3	1370		7.673014	
11	3	11	80.1	1100	1228	8.455265	
12	1	11	84			9.146583	
13	2	11	92.5	1760		9.319992	
14	2	11	63.7	1769		10.21722	
15	1	11	69.9			11.21017	
16	3	11	64.5	1028	1806	11.52515	

Statistics 10 (ChirpCenter Frequency: 5254.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	9	76.8	1972	1904	0.414084	
1	3	9	82.6	1528	1215	0.891125	
2	3	9	65	1394	1359	1.82947	
3	3	9	51.9	1632	1740	2.543948	
4	1	9	68.2			2.909989	
5	1	9	54.8			3.567248	
6	1	9	82.1			4.724688	
7	1	9	53.7			5.475551	
8	2	9	84.1	1868		5.791896	1
9	2	9	53.7	1333		6.36657	
10	2	9	54.9	1071		7.281301	
11	2	9	83.3	1102		8.109428	
12	3	9	77.3	1989	1947	8.606878	
13	3	9	60.3	1551	1315	9.52497	
14	3	9	88.8	1106	1344	9.94237	
15	3	9	51.5	1265	1827	10.9156	
16	2	9	80.4	1793		11.88279	

Radar Type 5 Case 3 Statistical Performance

Statistics 1 (ChirpCenter Frequency: 5324.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	15	73	1389		0.176864	1
1	3	15	63	1986	1766	0.630928	
2	1	15	59.1			1.261063	
3	3	15	80.7	1766	1535	2.008077	
4	3	15	98.6	1881	1487	2.953759	
5	2	15	55	1350		3.577332	
6	2	15	58.6	1614		4.125003	
7	2	15	81.4	1133		4.516958	
8	2	15	71.8	1858		5.25221	
9	2	15	75.9	1082		5.724372	
10	1	15	73.3			6.552896	
11	3	15	98.1	1802	1960	6.835633	
12	2	15	95.2	1986		7.688773	
13	3	15	99.5	1054	1955	8.324749	
14	3	15	72.4	1505	1330	8.943583	
15	3	15	75.6	1633	1475	9.239781	
16	2	15	65.6	1022		10.00894	
17	2	15	51.6	1102		10.21457	
18	2	15	52.4	1144		11.10936	
19	2	15	60.9	1061		11.67331	

Statistics 2 (ChirpCenter Frequency: 5326.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	10	98.7	1263		0.924577	1
1	3	10	90.3	1604	1772	1.167561	
2	3	10	94.7	1761	1232	2.406512	
3	2	10	86.2	1998		3.753448	
4	2	10	51	1225		4.418584	
5	1	10	98.8			5.514212	
6	1	10	89			6.780314	
7	1	10	87.9			7.065202	
8	2	10	85.6	1715		8.673381	
9	1	10	85.4			9.398601	
10	1	10	85.9			10.55832	
11	2	10	98.5	1333		11.09732	

Statistics 3 (ChirpCenter Frequency: 5326.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	10	94.2	1454	1508	0.200845	
1	2	10	98.8	1259		0.687153	
2	2	10	79.7	1087		1.363955	
3	3	10	82.1	1030	1295	2.177268	
4	2	10	57.6	1540		2.726479	
5	1	10	97.1			3.316287	
6	3	10	58	1860	1849	4.018336	
7	3	10	72.5	1948	1869	4.4622	
8	1	10	80.4			5.606921	
9	2	10	70.1	1127		6.204549	1
10	3	10	75.6	1740	1920	6.614824	
11	2	10	65.5	1633		7.162372	
12	3	10	67.5	1880	1709	7.689517	
13	1	10	77			8.52616	
14	1	10	68.6			9.342982	
15	1	10	89.8			9.578962	
16	1	10	64.6			10.7227	
17	1	10	73.2			11.09215	
18	2	10	72.7	1542		11.78352	

Statistics 4 (ChirpCenter Frequency: 5323.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	18	95	1816		0.516293	
1	2	18	85.2	1486		1.278885	
2	2	18	73.8	1730		2.420935	
3	1	18	86.3			4.348042	
4	2	18	56.8	1257		4.606567	
5	1	18	59.5			6.018174	1
6	1	18	90.9			6.921054	
7	2	18	88.4	1916		7.699369	
8	2	18	57.2	1723		9.716246	
9	1	18	55.3			10.00609	
10	2	18	69.1	1951		11.59288	

Statistics 5 (ChirpCenter Frequency: 5325.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	12	52.3			0.954579	
1	2	12	71.3	1867		1.963451	
2	2	12	69.9	1878		2.416112	
3	1	12	95.1			3.729391	
4	3	12	99.9	1317	1941	4.450656	
5	2	12	95.3	1024		5.097762	
6	2	12	53.1	1767		6.804178	1
7	2	12	58.1	1245		7.572852	
8	1	12	76.6			8.938668	
9	1	12	71.8			9.638978	
10	2	12	56	1690		10.15093	
11	3	12	52.2	1059	1178	11.35442	

Statistics 6 (ChirpCenter Frequency: 5327.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	8	67.1	1079		0.020382	
1	3	8	72	1694	1279	1.857324	
2	2	8	96.8	1943		2.296901	
3	3	8	53	1534	1004	3.525898	
4	2	8	62.8	1407		5.229188	
5	2	8	97.3	1277		5.854544	1
6	2	8	63.1	1347		7.399257	
7	1	8	69.1			8.025196	
8	3	8	66.7	1080	1354	8.732927	
9	3	8	75	1623	1203	10.70724	
10	1	8	80.3			11.42485	

Statistics 7 (ChirpCenter Frequency: 5325.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	3	13	59.3	1656	1325	0.007661	
1	2	13	78.5	1665		1.152996	
2	3	13	66	1124	1509	2.161184	
3	1	13	55.7			3.653631	
4	3	13	67.1	1010	1848	4.371475	
5	2	13	71.8	1115		4.699862	
6	1	13	54.9			5.869518	1
7	2	13	69.8	1627		6.504434	
8	1	13	71.3			8.058404	
9	2	13	99.2	1721		8.948134	
10	2	13	56.5	1170		9.681186	
11	3	13	51.3	1135	1837	10.64623	
12	3	13	63.3	1753	1273	11.16734	

Statistics 8 (ChirpCenter Frequency: 5328.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (µS)	Pulse 1-2 spacing(µS)	Pulse 2-3 spacing(µS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	6	53.6			0.062463	
1	1	6	90.1			1.36828	
2	3	6	94.6	1119	1402	1.673832	
3	3	6	70.6	1958	1782	2.434204	
4	3	6	88.7	1300	1825	3.508485	
5	2	6	85.3	1801		3.605332	
6	2	6	61	1364		4.616311	
7	3	6	73.3	1822	1183	5.012989	
8	2	6	51.3	1303		6.036825	1
9	2	6	77.3	1042		6.884201	
10	1	6	80.4			7.202171	
11	3	6	90.1	1506	1511	8.275846	
12	2	6	78.4	1511		8.605084	
13	3	6	53.5	1385	1023	9.717736	
14	2	6	57.8	1232		10.15267	
15	3	6	68.7	1993	1127	10.61503	
16	2	6	89.3	1065		11.76257	

Statistics 9 (ChirpCenter Frequency: 5326.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	9	53.2			0.818885	1
1	2	9	61.5	1575		2.232742	
2	3	9	72.8	1818	1461	2.721465	
3	1	9	53.2			4.689356	
4	2	9	85.1	1388		5.452437	
5	2	9	67	1469		7.688948	
6	2	9	91.7	1077		8.284223	
7	3	9	78.2	1175	1306	10.39479	
8	2	9	75.6	1257		11.80994	

Statistics 10 (ChirpCenter Frequency: 5325.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width (μS)	Pulse 1-2 spacing(μS)	Pulse 2-3 spacing(μS)	Pulse Start(S)	Detection (1:yes;0:no)
0	1	12	73			0.697058	0
1	1	12	91			1.878961	
2	2	12	50.6	1502		3.27012	
3	2	12	86.9	1286		5.190597	
4	2	12	89	1975		6.630861	
5	1	12	90.2			8.263771	
6	2	12	53.6	1369		10.09098	
7	2	12	86.8	1712		10.70471	

Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)	Hopping Sequence (MHz)
1	5290	9	1	333	1	5433.0, 5688.0, 5428.0, 5344.0, 5402.0, 5573.0, 5483.0, 5522.0, 5586.0, 5320.0, 5362.0, 5276.0, 5254.0, 5722.0, 5407.0, 5297.0, 5370.0, 5354.0, 5446.0, 5498.0, 5464.0, 5613.0, 5540.0, 5644.0, 5664.0, 5606.0, 5379.0, 5584.0, 5385.0, 5676.0, 5560.0, 5311.0, 5675.0, 5409.0, 5576.0, 5300.0, 5534.0, 5313.0, 5485.0, 5525.0, 5590.0, 5294.0, 5429.0, 5455.0, 5515.0, 5488.0, 5516.0, 5389.0, 5505.0, 5666.0, 5614.0, 5327.0, 5337.0, 5477.0, 5513.0, 5413.0, 5597.0, 5701.0, 5713.0, 5358.0, 5506.0, 5426.0, 5704.0, 5443.0, 5501.0, 5588.0, 5472.0, 5647.0, 5374.0, 5352.0, 5589.0, 5256.0, 5608.0, 5439.0, 5569.0, 5417.0, 5293.0, 5351.0, 5631.0, 5410.0, 5710.0, 5468.0, 5653.0, 5361.0, 5499.0, 5623.0, 5375.0, 5633.0, 5363.0, 5405.0, 5425.0, 5317.0, 5519.0, 5393.0, 5625.0, 5532.0, 5492.0, 5521.0, 5401.0, 5607.0 (number of hits: 12)
2	5290	9	1	333	1	5587.0, 5640.0, 5688.0, 5723.0, 5449.0, 5717.0, 5637.0, 5352.0, 5407.0, 5278.0, 5452.0, 5387.0, 5463.0, 5257.0, 5390.0, 5672.0, 5636.0, 5425.0, 5275.0, 5678.0, 5302.0, 5515.0, 5280.0, 5686.0, 5509.0, 5695.0, 5307.0, 5682.0, 5655.0, 5443.0, 5315.0, 5633.0, 5719.0, 5396.0, 5340.0, 5267.0, 5397.0, 5268.0, 5289.0, 5601.0, 5427.0, 5611.0, 5561.0, 5593.0, 5413.0, 5300.0, 5417.0, 5262.0, 5690.0, 5349.0, 5503.0, 5364.0, 5419.0, 5389.0, 5635.0, 5414.0, 5403.0, 5540.0, 5700.0, 5575.0, 5294.0, 5291.0, 5338.0, 5657.0, 5445.0, 5671.0, 5555.0, 5662.0, 5543.0, 5550.0, 5409.0, 5293.0, 5508.0, 5432.0, 5418.0, 5360.0, 5334.0, 5461.0, 5467.0, 5447.0, 5670.0, 5479.0, 5565.0, 5312.0, 5358.0, 5567.0, 5556.0, 5674.0, 5569.0, 5298.0, 5631.0, 5313.0, 5370.0, 5440.0, 5680.0, 5632.0, 5510.0, 5355.0, 5582.0, 5335.0 (number of hits: 18)
3	5290	9	1	333	1	5369.0, 5361.0, 5516.0, 5494.0, 5393.0, 5388.0, 5607.0, 5392.0, 5368.0, 5654.0, 5310.0, 5495.0, 5689.0, 5398.0, 5704.0, 5354.0, 5304.0, 5464.0, 5484.0, 5279.0, 5267.0, 5427.0, 5541.0, 5362.0, 5645.0, 5289.0, 5478.0, 5356.0, 5320.0, 5636.0, 5449.0, 5629.0, 5664.0, 5606.0, 5438.0, 5673.0, 5714.0, 5504.0, 5528.0, 5472.0, 5631.0, 5644.0, 5340.0, 5573.0, 5285.0, 5696.0, 5487.0, 5324.0, 5579.0, 5618.0, 5697.0, 5275.0, 5548.0, 5568.0, 5359.0, 5717.0, 5367.0, 5602.0, 5611.0, 5604.0,

						5375.0, 5510.0, 5350.0, 5363.0, 5416.0, 5410.0, 5485.0, 5272.0, 5456.0, 5309.0, 5489.0, 5435.0, 5476.0, 5319.0, 5434.0, 5258.0, 5693.0, 5614.0, 5547.0, 5430.0, 5677.0, 5567.0, 5344.0, 5377.0, 5492.0, 5524.0, 5532.0, 5493.0, 5347.0, 5399.0, 5610.0, 5252.0, 5566.0, 5498.0, 5595.0, 5555.0, 5428.0, 5385.0, 5349.0, 5603.0 (number of hits: 14)
4	5290	9	1	333	1	5529.0, 5621.0, 5474.0, 5268.0, 5508.0, 5523.0, 5558.0, 5721.0, 5460.0, 5328.0, 5482.0, 5429.0, 5541.0, 5485.0, 5601.0, 5520.0, 5557.0, 5559.0, 5293.0, 5706.0, 5595.0, 5641.0, 5432.0, 5462.0, 5409.0, 5554.0, 5385.0, 5361.0, 5670.0, 5524.0, 5639.0, 5414.0, 5355.0, 5298.0, 5487.0, 5324.0, 5634.0, 5500.0, 5445.0, 5625.0, 5285.0, 5696.0, 5633.0, 5387.0, 5318.0, 5572.0, 5486.0, 5657.0, 5564.0, 5552.0, 5255.0, 5289.0, 5453.0, 5313.0, 5560.0, 5537.0, 5448.0, 5590.0, 5532.0, 5253.0, 5712.0, 5545.0, 5616.0, 5675.0, 5422.0, 5580.0, 5349.0, 5362.0, 5435.0, 5397.0, 5594.0, 5388.0, 5662.0, 5584.0, 5394.0, 5296.0, 5427.0, 5423.0, 5649.0, 5412.0, 5314.0, 5526.0, 5723.0, 5428.0, 5688.0, 5673.0, 5588.0, 5377.0, 5611.0, 5390.0, 5551.0, 5664.0, 5454.0, 5506.0, 5565.0, 5672.0, 5339.0, 5538.0, 5408.0, 5495.0 (number of hits: 13)
5	5290	9	1	333	1	5577.0, 5565.0, 5538.0, 5308.0, 5450.0, 5721.0, 5419.0, 5621.0, 5383.0, 5549.0, 5535.0, 5536.0, 5602.0, 5469.0, 5627.0, 5572.0, 5468.0, 5269.0, 5262.0, 5568.0, 5645.0, 5281.0, 5415.0, 5270.0, 5384.0, 5529.0, 5330.0, 5356.0, 5346.0, 5570.0, 5574.0, 5285.0, 5426.0, 5404.0, 5681.0, 5639.0, 5534.0, 5498.0, 5698.0, 5582.0, 5475.0, 5317.0, 5512.0, 5389.0, 5548.0, 5642.0, 5540.0, 5591.0, 5517.0, 5569.0, 5521.0, 5452.0, 5364.0, 5571.0, 5523.0, 5265.0, 5257.0, 5337.0, 5709.0, 5559.0, 5607.0, 5325.0, 5711.0, 5634.0, 5480.0, 5495.0, 5691.0, 5266.0, 5723.0, 5284.0, 5696.0, 5282.0, 5482.0, 5255.0, 5694.0, 5268.0, 5583.0, 5601.0, 5640.0, 5606.0, 5623.0, 5360.0, 5562.0, 5680.0, 5661.0, 5368.0, 5461.0, 5686.0, 5332.0, 5509.0, 5615.0, 5717.0, 5677.0, 5585.0, 5334.0, 5656.0, 5274.0, 5258.0, 5321.0, 5280.0 (number of hits: 19)
6	5290	9	1	333	1	5520.0, 5553.0, 5395.0, 5350.0, 5322.0, 5404.0, 5610.0, 5461.0, 5371.0, 5297.0, 5470.0, 5678.0, 5263.0, 5632.0, 5453.0, 5606.0, 5635.0, 5669.0, 5405.0, 5260.0, 5685.0, 5548.0, 5428.0, 5267.0, 5558.0, 5427.0, 5316.0, 5462.0, 5465.0, 5506.0, 5649.0, 5444.0, 5709.0, 5512.0, 5619.0, 5657.0, 5661.0, 5455.0, 5459.0, 5581.0,

						5614.0, 5693.0, 5609.0, 5312.0, 5420.0, 5570.0, 5354.0, 5566.0, 5449.0, 5464.0, 5479.0, 5510.0, 5494.0, 5528.0, 5590.0, 5660.0, 5407.0, 5530.0, 5591.0, 5412.0, 5706.0, 5691.0, 5618.0, 5401.0, 5375.0, 5634.0, 5473.0, 5384.0, 5339.0, 5273.0, 5295.0, 5379.0, 5578.0, 5394.0, 5498.0, 5555.0, 5616.0, 5642.0, 5546.0, 5318.0, 5636.0, 5253.0, 5271.0, 5438.0, 5483.0, 5704.0, 5719.0, 5377.0, 5451.0, 5567.0, 5457.0, 5415.0, 5527.0, 5554.0, 5561.0, 5624.0, 5413.0, 5549.0, 5280.0, 5351.0 (number of hits: 13)
7	5290	9	1	333	1	5720.0, 5530.0, 5441.0, 5300.0, 5462.0, 5434.0, 5477.0, 5413.0, 5543.0, 5365.0, 5471.0, 5687.0, 5352.0, 5396.0, 5358.0, 5553.0, 5592.0, 5470.0, 5519.0, 5582.0, 5539.0, 5459.0, 5327.0, 5394.0, 5299.0, 5576.0, 5610.0, 5650.0, 5282.0, 5440.0, 5445.0, 5278.0, 5426.0, 5671.0, 5625.0, 5679.0, 5569.0, 5463.0, 5254.0, 5696.0, 5579.0, 5372.0, 5534.0, 5331.0, 5478.0, 5355.0, 5513.0, 5511.0, 5363.0, 5351.0, 5343.0, 5374.0, 5596.0, 5664.0, 5638.0, 5274.0, 5700.0, 5276.0, 5486.0, 5269.0, 5653.0, 5698.0, 5392.0, 5712.0, 5319.0, 5316.0, 5590.0, 5487.0, 5692.0, 5469.0, 5398.0, 5369.0, 5283.0, 5411.0, 5710.0, 5685.0, 5707.0, 5457.0, 5587.0, 5320.0, 5308.0, 5609.0, 5578.0, 5588.0, 5284.0, 5716.0, 5495.0, 5272.0, 5514.0, 5256.0, 5533.0, 5623.0, 5577.0, 5668.0, 5643.0, 5598.0, 5628.0, 5326.0, 5564.0, 5378.0 (number of hits: 18)
8	5290	9	1	333	1	5416.0, 5541.0, 5320.0, 5334.0, 5496.0, 5325.0, 5454.0, 5646.0, 5471.0, 5466.0, 5291.0, 5566.0, 5316.0, 5336.0, 5682.0, 5300.0, 5309.0, 5624.0, 5345.0, 5631.0, 5692.0, 5651.0, 5632.0, 5385.0, 5565.0, 5414.0, 5598.0, 5635.0, 5285.0, 5321.0, 5477.0, 5354.0, 5720.0, 5422.0, 5487.0, 5544.0, 5453.0, 5267.0, 5461.0, 5696.0, 5324.0, 5676.0, 5458.0, 5584.0, 5417.0, 5288.0, 5411.0, 5511.0, 5397.0, 5357.0, 5590.0, 5278.0, 5685.0, 5307.0, 5473.0, 5562.0, 5638.0, 5694.0, 5468.0, 5271.0, 5463.0, 5581.0, 5476.0, 5710.0, 5522.0, 5674.0, 5613.0, 5311.0, 5390.0, 5260.0, 5559.0, 5586.0, 5673.0, 5606.0, 5301.0, 5556.0, 5569.0, 5475.0, 5538.0, 5621.0, 5254.0, 5707.0, 5443.0, 5344.0, 5335.0, 5263.0, 5702.0, 5329.0, 5645.0, 5563.0, 5387.0, 5661.0, 5350.0, 5392.0, 5326.0, 5351.0, 5695.0, 5355.0, 5691.0, 5577.0 (number of hits: 21)
9	5290	9	1	333	1	5709.0, 5498.0, 5441.0, 5626.0, 5553.0, 5426.0, 5286.0, 5635.0, 5436.0, 5279.0, 5295.0, 5570.0, 5362.0, 5451.0, 5563.0, 5491.0, 5533.0, 5410.0, 5650.0, 5657.0,

						5526.0, 5390.0, 5584.0, 5273.0, 5576.0, 5370.0, 5322.0, 5542.0, 5459.0, 5578.0, 5320.0, 5267.0, 5561.0, 5444.0, 5644.0, 5501.0, 5439.0, 5492.0, 5588.0, 5300.0, 5538.0, 5418.0, 5466.0, 5460.0, 5474.0, 5493.0, 5365.0, 5557.0, 5593.0, 5351.0, 5645.0, 5630.0, 5675.0, 5303.0, 5682.0, 5473.0, 5318.0, 5702.0, 5647.0, 5405.0, 5659.0, 5341.0, 5271.0, 5722.0, 5363.0, 5615.0, 5616.0, 5511.0, 5316.0, 5673.0, 5348.0, 5672.0, 5697.0, 5433.0, 5407.0, 5336.0, 5311.0, 5388.0, 5632.0, 5333.0, 5425.0, 5406.0, 5361.0, 5389.0, 5292.0, 5334.0, 5453.0, 5594.0, 5499.0, 5327.0, 5298.0, 5404.0, 5621.0, 5399.0, 5302.0, 5653.0, 5282.0, 5556.0, 5678.0, 5355.0 (number of hits: 18)
10	5290	9	1	333	1	5261.0, 5399.0, 5535.0, 5372.0, 5591.0, 5722.0, 5344.0, 5265.0, 5325.0, 5346.0, 5543.0, 5662.0, 5286.0, 5602.0, 5402.0, 5393.0, 5511.0, 5294.0, 5337.0, 5590.0, 5453.0, 5278.0, 5465.0, 5539.0, 5677.0, 5474.0, 5519.0, 5348.0, 5330.0, 5454.0, 5669.0, 5439.0, 5717.0, 5391.0, 5332.0, 5496.0, 5547.0, 5687.0, 5514.0, 5515.0, 5534.0, 5410.0, 5335.0, 5567.0, 5497.0, 5392.0, 5432.0, 5403.0, 5468.0, 5253.0, 5431.0, 5517.0, 5521.0, 5617.0, 5484.0, 5282.0, 5259.0, 5312.0, 5320.0, 5417.0, 5555.0, 5633.0, 5564.0, 5364.0, 5516.0, 5374.0, 5556.0, 5353.0, 5573.0, 5565.0, 5366.0, 5592.0, 5668.0, 5714.0, 5443.0, 5661.0, 5316.0, 5506.0, 5371.0, 5670.0, 5296.0, 5467.0, 5360.0, 5604.0, 5462.0, 5323.0, 5258.0, 5504.0, 5586.0, 5526.0, 5524.0, 5596.0, 5536.0, 5589.0, 5646.0, 5478.0, 5698.0, 5442.0, 5614.0, 5566.0 (number of hits: 15)
11	5290	9	1	333	1	5404.0, 5463.0, 5702.0, 5505.0, 5590.0, 5568.0, 5723.0, 5403.0, 5626.0, 5383.0, 5423.0, 5264.0, 5483.0, 5698.0, 5572.0, 5678.0, 5420.0, 5374.0, 5422.0, 5294.0, 5685.0, 5571.0, 5393.0, 5525.0, 5459.0, 5300.0, 5270.0, 5555.0, 5503.0, 5362.0, 5305.0, 5520.0, 5653.0, 5408.0, 5604.0, 5605.0, 5479.0, 5457.0, 5655.0, 5614.0, 5360.0, 5522.0, 5675.0, 5303.0, 5593.0, 5576.0, 5475.0, 5501.0, 5608.0, 5487.0, 5446.0, 5296.0, 5386.0, 5400.0, 5720.0, 5686.0, 5256.0, 5380.0, 5262.0, 5490.0, 5582.0, 5595.0, 5612.0, 5388.0, 5526.0, 5402.0, 5613.0, 5640.0, 5394.0, 5453.0, 5254.0, 5482.0, 5616.0, 5379.0, 5346.0, 5560.0, 5397.0, 5521.0, 5709.0, 5434.0, 5369.0, 5546.0, 5470.0, 5406.0, 5639.0, 5298.0, 5509.0, 5274.0, 5327.0, 5699.0, 5297.0, 5365.0, 5315.0, 5328.0, 5583.0, 5570.0, 5318.0, 5601.0, 5484.0, 5562.0 (number of hits: 17)

12	5290	9	1	333	1	5576.0, 5600.0, 5574.0, 5681.0, 5608.0, 5411.0, 5666.0, 5369.0, 5407.0, 5453.0, 5706.0, 5714.0, 5372.0, 5516.0, 5465.0, 5651.0, 5286.0, 5568.0, 5365.0, 5336.0, 5282.0, 5602.0, 5575.0, 5361.0, 5431.0, 5694.0, 5553.0, 5271.0, 5590.0, 5285.0, 5712.0, 5486.0, 5540.0, 5631.0, 5692.0, 5617.0, 5305.0, 5278.0, 5593.0, 5467.0, 5573.0, 5360.0, 5329.0, 5269.0, 5257.0, 5458.0, 5723.0, 5648.0, 5544.0, 5639.0, 5331.0, 5601.0, 5292.0, 5656.0, 5368.0, 5529.0, 5475.0, 5351.0, 5438.0, 5548.0, 5720.0, 5423.0, 5463.0, 5418.0, 5429.0, 5524.0, 5385.0, 5606.0, 5394.0, 5380.0, 5326.0, 5254.0, 5518.0, 5649.0, 5675.0, 5386.0, 5512.0, 5572.0, 5266.0, 5707.0, 5569.0, 5297.0, 5542.0, 5693.0, 5478.0, 5646.0, 5275.0, 5629.0, 5522.0, 5435.0, 5550.0, 5377.0, 5469.0, 5315.0, 5587.0, 5708.0, 5307.0, 5420.0, 5461.0, 5668.0 (number of hits: 17)
13	5290	9	1	333	1	5552.0, 5392.0, 5668.0, 5462.0, 5436.0, 5500.0, 5509.0, 5614.0, 5678.0, 5507.0, 5611.0, 5369.0, 5288.0, 5293.0, 5456.0, 5464.0, 5609.0, 5450.0, 5711.0, 5320.0, 5396.0, 5405.0, 5516.0, 5707.0, 5252.0, 5306.0, 5717.0, 5363.0, 5625.0, 5565.0, 5404.0, 5486.0, 5554.0, 5557.0, 5706.0, 5270.0, 5277.0, 5709.0, 5460.0, 5558.0, 5457.0, 5316.0, 5301.0, 5353.0, 5667.0, 5408.0, 5340.0, 5685.0, 5269.0, 5559.0, 5361.0, 5648.0, 5351.0, 5581.0, 5446.0, 5567.0, 5568.0, 5403.0, 5255.0, 5531.0, 5513.0, 5577.0, 5278.0, 5503.0, 5697.0, 5637.0, 5604.0, 5652.0, 5330.0, 5674.0, 5589.0, 5445.0, 5461.0, 5673.0, 5295.0, 5339.0, 5522.0, 5639.0, 5606.0, 5280.0, 5651.0, 5560.0, 5688.0, 5512.0, 5371.0, 5308.0, 5342.0, 5704.0, 5505.0, 5412.0, 5699.0, 5454.0, 5478.0, 5409.0, 5346.0, 5376.0, 5691.0, 5400.0, 5444.0, 5541.0 (number of hits: 15)
14	5290	9	1	333	1	5610.0, 5623.0, 5716.0, 5312.0, 5641.0, 5431.0, 5679.0, 5449.0, 5598.0, 5382.0, 5652.0, 5721.0, 5580.0, 5692.0, 5462.0, 5419.0, 5666.0, 5455.0, 5711.0, 5476.0, 5628.0, 5524.0, 5339.0, 5338.0, 5291.0, 5707.0, 5369.0, 5434.0, 5686.0, 5252.0, 5478.0, 5655.0, 5273.0, 5453.0, 5620.0, 5718.0, 5650.0, 5541.0, 5378.0, 5682.0, 5322.0, 5639.0, 5629.0, 5410.0, 5330.0, 5306.0, 5539.0, 5386.0, 5314.0, 5502.0, 5515.0, 5516.0, 5396.0, 5456.0, 5613.0, 5550.0, 5332.0, 5262.0, 5622.0, 5292.0, 5274.0, 5295.0, 5561.0, 5414.0, 5384.0, 5375.0, 5424.0, 5333.0, 5436.0, 5440.0, 5383.0, 5289.0, 5399.0, 5377.0, 5459.0, 5460.0, 5497.0, 5527.0, 5385.0, 5496.0, 5579.0, 5573.0, 5438.0, 5717.0, 5605.0,

						5265.0, 5672.0, 5379.0, 5358.0, 5521.0, 5676.0, 5275.0, 5254.0, 5585.0, 5638.0, 5473.0, 5334.0, 5671.0, 5361.0, 5657.0 (number of hits: 15)
15	5290	9	1	333	1	5632.0, 5432.0, 5584.0, 5443.0, 5662.0, 5698.0, 5433.0, 5486.0, 5555.0, 5282.0, 5308.0, 5418.0, 5398.0, 5333.0, 5645.0, 5347.0, 5325.0, 5406.0, 5357.0, 5629.0, 5646.0, 5628.0, 5254.0, 5719.0, 5704.0, 5546.0, 5696.0, 5695.0, 5255.0, 5649.0, 5673.0, 5549.0, 5289.0, 5408.0, 5683.0, 5461.0, 5483.0, 5490.0, 5657.0, 5273.0, 5599.0, 5428.0, 5485.0, 5521.0, 5715.0, 5415.0, 5298.0, 5373.0, 5592.0, 5438.0, 5669.0, 5581.0, 5638.0, 5667.0, 5498.0, 5616.0, 5606.0, 5477.0, 5342.0, 5598.0, 5545.0, 5354.0, 5340.0, 5452.0, 5383.0, 5372.0, 5277.0, 5504.0, 5710.0, 5589.0, 5358.0, 5676.0, 5376.0, 5621.0, 5330.0, 5665.0, 5303.0, 5300.0, 5317.0, 5463.0, 5436.0, 5266.0, 5687.0, 5478.0, 5291.0, 5468.0, 5524.0, 5287.0, 5400.0, 5650.0, 5530.0, 5571.0, 5492.0, 5306.0, 5321.0, 5709.0, 5656.0, 5480.0, 5324.0, 5397.0 (number of hits: 18)
16	5290	9	1	333	1	5415.0, 5443.0, 5590.0, 5258.0, 5377.0, 5459.0, 5684.0, 5326.0, 5437.0, 5306.0, 5599.0, 5432.0, 5340.0, 5265.0, 5668.0, 5589.0, 5327.0, 5687.0, 5669.0, 5293.0, 5502.0, 5598.0, 5514.0, 5603.0, 5619.0, 5695.0, 5274.0, 5592.0, 5422.0, 5302.0, 5317.0, 5310.0, 5708.0, 5678.0, 5419.0, 5300.0, 5259.0, 5538.0, 5402.0, 5525.0, 5350.0, 5344.0, 5622.0, 5387.0, 5541.0, 5663.0, 5376.0, 5486.0, 5260.0, 5365.0, 5585.0, 5576.0, 5676.0, 5709.0, 5517.0, 5582.0, 5383.0, 5417.0, 5484.0, 5433.0, 5330.0, 5596.0, 5480.0, 5703.0, 5429.0, 5518.0, 5458.0, 5533.0, 5532.0, 5618.0, 5478.0, 5481.0, 5606.0, 5467.0, 5456.0, 5250.0, 5285.0, 5494.0, 5662.0, 5370.0, 5438.0, 5627.0, 5410.0, 5623.0, 5434.0, 5660.0, 5428.0, 5617.0, 5552.0, 5613.0, 5462.0, 5550.0, 5650.0, 5677.0, 5339.0, 5414.0, 5646.0, 5616.0, 5612.0, 5460.0 (number of hits: 15)
17	5290	9	1	333		
18	5290	9	1	333	1	5412.0, 5509.0, 5475.0, 5713.0, 5652.0, 5540.0, 5498.0, 5554.0, 5627.0, 5397.0, 5552.0, 5589.0, 5605.0, 5723.0, 5357.0, 5694.0, 5640.0, 5369.0, 5629.0, 5316.0, 5385.0, 5276.0, 5406.0, 5696.0, 5456.0, 5360.0, 5523.0, 5536.0, 5309.0, 5428.0, 5588.0, 5597.0, 5289.0, 5301.0, 5637.0, 5304.0, 5324.0, 5353.0, 5503.0, 5302.0, 5356.0, 5299.0, 5305.0, 5528.0, 5485.0, 5579.0, 5527.0, 5440.0, 5389.0, 5331.0, 5673.0, 5616.0, 5611.0, 5417.0, 5711.0, 5710.0, 5282.0, 5539.0, 5381.0, 5718.0,

						5297.0, 5467.0, 5405.0, 5683.0, 5442.0, 5519.0, 5285.0, 5623.0, 5567.0, 5624.0, 5296.0, 5398.0, 5576.0, 5641.0, 5522.0, 5468.0, 5319.0, 5700.0, 5692.0, 5682.0, 5510.0, 5680.0, 5532.0, 5575.0, 5638.0, 5430.0, 5642.0, 5329.0, 5415.0, 5291.0, 5684.0, 5349.0, 5269.0, 5350.0, 5361.0, 5534.0, 5671.0, 5562.0, 5715.0, 5719.0 (number of hits: 18)
19	5290	9	1	333	1	5485.0, 5526.0, 5327.0, 5400.0, 5504.0, 5687.0, 5509.0, 5426.0, 5473.0, 5395.0, 5597.0, 5382.0, 5313.0, 5518.0, 5511.0, 5514.0, 5550.0, 5272.0, 5617.0, 5468.0, 5258.0, 5698.0, 5543.0, 5443.0, 5690.0, 5515.0, 5278.0, 5575.0, 5676.0, 5585.0, 5680.0, 5558.0, 5385.0, 5387.0, 5695.0, 5419.0, 5388.0, 5578.0, 5702.0, 5547.0, 5555.0, 5401.0, 5484.0, 5583.0, 5665.0, 5294.0, 5418.0, 5299.0, 5708.0, 5360.0, 5501.0, 5405.0, 5635.0, 5470.0, 5324.0, 5250.0, 5297.0, 5573.0, 5559.0, 5444.0, 5441.0, 5282.0, 5528.0, 5510.0, 5633.0, 5588.0, 5584.0, 5611.0, 5497.0, 5264.0, 5678.0, 5582.0, 5305.0, 5499.0, 5502.0, 5544.0, 5531.0, 5290.0, 5334.0, 5472.0, 5424.0, 5625.0, 5565.0, 5640.0, 5719.0, 5458.0, 5362.0, 5618.0, 5251.0, 5589.0, 5537.0, 5433.0, 5321.0, 5688.0, 5621.0, 5268.0, 5371.0, 5718.0, 5519.0, 5377.0 (number of hits: 17)
20	5290	9	1	333	1	5588.0, 5289.0, 5711.0, 5647.0, 5411.0, 5517.0, 5251.0, 5453.0, 5583.0, 5497.0, 5484.0, 5300.0, 5321.0, 5391.0, 5554.0, 5690.0, 5274.0, 5639.0, 5261.0, 5600.0, 5432.0, 5538.0, 5636.0, 5302.0, 5694.0, 5620.0, 5380.0, 5304.0, 5382.0, 5605.0, 5461.0, 5572.0, 5716.0, 5310.0, 5712.0, 5658.0, 5287.0, 5379.0, 5664.0, 5542.0, 5520.0, 5551.0, 5433.0, 5700.0, 5643.0, 5323.0, 5490.0, 5709.0, 5544.0, 5297.0, 5609.0, 5666.0, 5575.0, 5654.0, 5530.0, 5314.0, 5339.0, 5324.0, 5294.0, 5646.0, 5532.0, 5473.0, 5591.0, 5558.0, 5615.0, 5698.0, 5404.0, 5253.0, 5390.0, 5396.0, 5377.0, 5315.0, 5298.0, 5341.0, 5332.0, 5502.0, 5354.0, 5665.0, 5454.0, 5264.0, 5269.0, 5524.0, 5348.0, 5663.0, 5719.0, 5715.0, 5687.0, 5375.0, 5349.0, 5368.0, 5478.0, 5674.0, 5299.0, 5252.0, 5651.0, 5268.0, 5675.0, 5429.0, 5638.0, 5678.0 (number of hits: 23)
21	5290	9	1	333	1	5452.0, 5498.0, 5269.0, 5414.0, 5294.0, 5324.0, 5494.0, 5674.0, 5288.0, 5251.0, 5682.0, 5322.0, 5338.0, 5655.0, 5364.0, 5598.0, 5662.0, 5657.0, 5406.0, 5582.0, 5625.0, 5354.0, 5370.0, 5511.0, 5627.0, 5656.0, 5504.0, 5524.0, 5475.0, 5481.0, 5540.0, 5287.0, 5632.0, 5470.0, 5252.0, 5525.0, 5468.0, 5284.0, 5435.0, 5344.0,

						5723.0, 5673.0, 5384.0, 5623.0, 5658.0, 5267.0, 5654.0, 5474.0, 5378.0, 5483.0, 5529.0, 5422.0, 5409.0, 5336.0, 5348.0, 5277.0, 5710.0, 5715.0, 5700.0, 5670.0, 5416.0, 5583.0, 5268.0, 5375.0, 5278.0, 5312.0, 5264.0, 5531.0, 5699.0, 5555.0, 5707.0, 5500.0, 5403.0, 5386.0, 5686.0, 5381.0, 5532.0, 5355.0, 5308.0, 5675.0, 5600.0, 5530.0, 5556.0, 5465.0, 5303.0, 5696.0, 5680.0, 5606.0, 5259.0, 5305.0, 5476.0, 5589.0, 5724.0, 5647.0, 5559.0, 5676.0, 5712.0, 5668.0, 5557.0, 5640.0 (number of hits: 19)
22	5290	9	1	333	1	5519.0, 5381.0, 5560.0, 5537.0, 5456.0, 5426.0, 5400.0, 5515.0, 5677.0, 5647.0, 5475.0, 5481.0, 5657.0, 5370.0, 5424.0, 5435.0, 5413.0, 5563.0, 5484.0, 5270.0, 5508.0, 5473.0, 5701.0, 5687.0, 5434.0, 5301.0, 5653.0, 5671.0, 5361.0, 5632.0, 5392.0, 5277.0, 5441.0, 5678.0, 5453.0, 5658.0, 5528.0, 5642.0, 5393.0, 5521.0, 5689.0, 5719.0, 5710.0, 5401.0, 5258.0, 5474.0, 5618.0, 5418.0, 5339.0, 5690.0, 5460.0, 5511.0, 5666.0, 5431.0, 5555.0, 5420.0, 5538.0, 5307.0, 5539.0, 5509.0, 5318.0, 5421.0, 5553.0, 5496.0, 5368.0, 5622.0, 5422.0, 5443.0, 5449.0, 5330.0, 5405.0, 5696.0, 5284.0, 5641.0, 5302.0, 5300.0, 5699.0, 5714.0, 5697.0, 5372.0, 5335.0, 5592.0, 5588.0, 5403.0, 5583.0, 5594.0, 5536.0, 5447.0, 5465.0, 5601.0, 5379.0, 5476.0, 5599.0, 5347.0, 5278.0, 5346.0, 5513.0, 5669.0, 5608.0, 5260.0 (number of hits: 11)
23	5290	9	1	333	1	5287.0, 5518.0, 5506.0, 5656.0, 5562.0, 5291.0, 5672.0, 5582.0, 5464.0, 5399.0, 5349.0, 5700.0, 5301.0, 5634.0, 5647.0, 5401.0, 5410.0, 5315.0, 5674.0, 5489.0, 5298.0, 5571.0, 5285.0, 5560.0, 5617.0, 5250.0, 5697.0, 5351.0, 5439.0, 5343.0, 5458.0, 5262.0, 5354.0, 5318.0, 5688.0, 5385.0, 5375.0, 5427.0, 5300.0, 5550.0, 5551.0, 5517.0, 5715.0, 5259.0, 5630.0, 5568.0, 5317.0, 5456.0, 5626.0, 5709.0, 5708.0, 5601.0, 5322.0, 5293.0, 5378.0, 5671.0, 5264.0, 5501.0, 5525.0, 5406.0, 5611.0, 5394.0, 5713.0, 5598.0, 5639.0, 5395.0, 5682.0, 5610.0, 5308.0, 5491.0, 5461.0, 5450.0, 5648.0, 5282.0, 5539.0, 5367.0, 5424.0, 5374.0, 5623.0, 5664.0, 5644.0, 5278.0, 5677.0, 5412.0, 5425.0, 5381.0, 5723.0, 5564.0, 5267.0, 5486.0, 5553.0, 5360.0, 5414.0, 5478.0, 5584.0, 5523.0, 5595.0, 5585.0, 5260.0, 5320.0 (number of hits: 21)
24	5290	9	1	333	1	5650.0, 5655.0, 5707.0, 5321.0, 5409.0, 5288.0, 5507.0, 5440.0, 5658.0, 5267.0, 5366.0, 5621.0, 5594.0, 5541.0, 5593.0, 5430.0, 5478.0, 5457.0, 5674.0, 5596.0,

						5400.0, 5306.0, 5287.0, 5615.0, 5647.0, 5700.0, 5589.0, 5493.0, 5701.0, 5497.0, 5606.0, 5433.0, 5665.0, 5378.0, 5465.0, 5602.0, 5721.0, 5319.0, 5359.0, 5406.0, 5445.0, 5469.0, 5421.0, 5344.0, 5345.0, 5476.0, 5337.0, 5532.0, 5320.0, 5464.0, 5623.0, 5558.0, 5710.0, 5298.0, 5408.0, 5305.0, 5463.0, 5663.0, 5506.0, 5333.0, 5486.0, 5618.0, 5332.0, 5452.0, 5503.0, 5447.0, 5633.0, 5659.0, 5347.0, 5438.0, 5367.0, 5328.0, 5417.0, 5250.0, 5630.0, 5311.0, 5372.0, 5531.0, 5574.0, 5310.0, 5529.0, 5334.0, 5419.0, 5482.0, 5509.0, 5262.0, 5508.0, 5468.0, 5559.0, 5325.0, 5399.0, 5552.0, 5444.0, 5652.0, 5251.0, 5385.0, 5472.0, 5649.0, 5684.0, 5458.0 (number of hits: 16)
25	5290	9	1	333	1	5413.0, 5486.0, 5416.0, 5585.0, 5657.0, 5548.0, 5376.0, 5515.0, 5252.0, 5346.0, 5699.0, 5600.0, 5367.0, 5462.0, 5591.0, 5508.0, 5466.0, 5704.0, 5294.0, 5594.0, 5666.0, 5659.0, 5253.0, 5601.0, 5622.0, 5689.0, 5393.0, 5573.0, 5568.0, 5409.0, 5440.0, 5312.0, 5468.0, 5371.0, 5326.0, 5363.0, 5448.0, 5584.0, 5630.0, 5319.0, 5300.0, 5655.0, 5581.0, 5480.0, 5285.0, 5604.0, 5592.0, 5685.0, 5669.0, 5712.0, 5256.0, 5673.0, 5395.0, 5492.0, 5645.0, 5422.0, 5333.0, 5516.0, 5672.0, 5445.0, 5547.0, 5534.0, 5652.0, 5469.0, 5421.0, 5679.0, 5625.0, 5555.0, 5711.0, 5306.0, 5716.0, 5626.0, 5459.0, 5692.0, 5304.0, 5390.0, 5624.0, 5280.0, 5379.0, 5341.0, 5559.0, 5577.0, 5619.0, 5365.0, 5633.0, 5487.0, 5518.0, 5535.0, 5272.0, 5675.0, 5447.0, 5288.0, 5307.0, 5530.0, 5488.0, 5567.0, 5634.0, 5262.0, 5696.0, 5647.0 (number of hits: 16)
26	5290	9	1	333	1	5466.0, 5692.0, 5502.0, 5541.0, 5328.0, 5544.0, 5549.0, 5262.0, 5516.0, 5651.0, 5454.0, 5396.0, 5608.0, 5467.0, 5687.0, 5259.0, 5613.0, 5251.0, 5351.0, 5604.0, 5519.0, 5668.0, 5376.0, 5373.0, 5260.0, 5437.0, 5700.0, 5603.0, 5524.0, 5280.0, 5297.0, 5515.0, 5439.0, 5486.0, 5440.0, 5594.0, 5287.0, 5642.0, 5271.0, 5607.0, 5568.0, 5371.0, 5714.0, 5257.0, 5360.0, 5334.0, 5708.0, 5423.0, 5609.0, 5536.0, 5431.0, 5348.0, 5355.0, 5583.0, 5468.0, 5630.0, 5369.0, 5353.0, 5330.0, 5557.0, 5671.0, 5558.0, 5596.0, 5342.0, 5504.0, 5710.0, 5646.0, 5682.0, 5306.0, 5301.0, 5410.0, 5624.0, 5689.0, 5286.0, 5463.0, 5272.0, 5391.0, 5445.0, 5616.0, 5718.0, 5267.0, 5666.0, 5461.0, 5415.0, 5279.0, 5428.0, 5487.0, 5435.0, 5338.0, 5253.0, 5317.0, 5345.0, 5605.0, 5493.0, 5296.0, 5674.0, 5615.0, 5299.0, 5703.0, 5606.0 (number of hits: 20)

27	5290	9	1	333	1	5272.0, 5382.0, 5473.0, 5696.0, 5325.0, 5477.0, 5668.0, 5663.0, 5519.0, 5309.0, 5561.0, 5314.0, 5665.0, 5601.0, 5448.0, 5252.0, 5489.0, 5505.0, 5418.0, 5461.0, 5317.0, 5378.0, 5334.0, 5394.0, 5333.0, 5301.0, 5377.0, 5359.0, 5712.0, 5574.0, 5698.0, 5265.0, 5654.0, 5585.0, 5646.0, 5251.0, 5564.0, 5511.0, 5547.0, 5633.0, 5634.0, 5256.0, 5594.0, 5250.0, 5507.0, 5408.0, 5501.0, 5722.0, 5374.0, 5300.0, 5255.0, 5703.0, 5552.0, 5598.0, 5636.0, 5517.0, 5341.0, 5588.0, 5497.0, 5553.0, 5606.0, 5656.0, 5455.0, 5624.0, 5625.0, 5589.0, 5385.0, 5405.0, 5660.0, 5424.0, 5614.0, 5709.0, 5271.0, 5718.0, 5467.0, 5339.0, 5262.0, 5557.0, 5618.0, 5705.0, 5529.0, 5421.0, 5584.0, 5667.0, 5288.0, 5446.0, 5476.0, 5291.0, 5352.0, 5676.0, 5342.0, 5344.0, 5442.0, 5596.0, 5460.0, 5565.0, 5681.0, 5353.0, 5549.0, 5416.0 (number of hits: 17)
28	5290	9	1	333	1	5684.0, 5600.0, 5311.0, 5675.0, 5257.0, 5455.0, 5307.0, 5460.0, 5377.0, 5715.0, 5459.0, 5310.0, 5452.0, 5333.0, 5689.0, 5698.0, 5278.0, 5380.0, 5605.0, 5326.0, 5547.0, 5634.0, 5332.0, 5318.0, 5355.0, 5315.0, 5630.0, 5442.0, 5472.0, 5401.0, 5467.0, 5660.0, 5693.0, 5391.0, 5379.0, 5475.0, 5470.0, 5395.0, 5720.0, 5305.0, 5262.0, 5552.0, 5708.0, 5486.0, 5580.0, 5691.0, 5256.0, 5512.0, 5398.0, 5440.0, 5521.0, 5272.0, 5299.0, 5465.0, 5253.0, 5561.0, 5285.0, 5277.0, 5553.0, 5559.0, 5652.0, 5663.0, 5617.0, 5533.0, 5618.0, 5420.0, 5356.0, 5572.0, 5668.0, 5685.0, 5319.0, 5687.0, 5273.0, 5569.0, 5645.0, 5366.0, 5655.0, 5518.0, 5251.0, 5680.0, 5503.0, 5417.0, 5540.0, 5565.0, 5662.0, 5570.0, 5632.0, 5678.0, 5477.0, 5280.0, 5661.0, 5462.0, 5393.0, 5325.0, 5364.0, 5358.0, 5705.0, 5641.0, 5578.0, 5612.0 (number of hits: 21)
29	5290	9	1	333	1	5333.0, 5269.0, 5396.0, 5482.0, 5670.0, 5337.0, 5277.0, 5638.0, 5595.0, 5539.0, 5699.0, 5405.0, 5408.0, 5397.0, 5287.0, 5538.0, 5495.0, 5359.0, 5281.0, 5264.0, 5326.0, 5439.0, 5625.0, 5257.0, 5617.0, 5324.0, 5407.0, 5607.0, 5724.0, 5334.0, 5546.0, 5462.0, 5380.0, 5671.0, 5679.0, 5418.0, 5417.0, 5716.0, 5394.0, 5307.0, 5392.0, 5351.0, 5700.0, 5316.0, 5582.0, 5448.0, 5594.0, 5412.0, 5503.0, 5586.0, 5354.0, 5511.0, 5297.0, 5370.0, 5659.0, 5507.0, 5662.0, 5531.0, 5301.0, 5519.0, 5665.0, 5597.0, 5400.0, 5578.0, 5286.0, 5514.0, 5518.0, 5686.0, 5390.0, 5696.0, 5399.0, 5691.0, 5258.0, 5566.0, 5261.0, 5388.0, 5481.0, 5572.0, 5255.0, 5317.0, 5332.0, 5328.0, 5713.0, 5574.0, 5581.0,

						5496.0, 5312.0, 5681.0, 5263.0, 5591.0, 5669.0, 5466.0, 5480.0, 5479.0, 5422.0, 5430.0, 5722.0, 5536.0, 5387.0, 5520.0 (number of hits: 20)
30	5290	9	1	333	1	5532.0, 5320.0, 5508.0, 5657.0, 5488.0, 5429.0, 5549.0, 5643.0, 5319.0, 5703.0, 5574.0, 5424.0, 5667.0, 5630.0, 5330.0, 5591.0, 5386.0, 5323.0, 5720.0, 5597.0, 5723.0, 5286.0, 5627.0, 5557.0, 5387.0, 5699.0, 5494.0, 5604.0, 5587.0, 5352.0, 5463.0, 5704.0, 5713.0, 5450.0, 5649.0, 5496.0, 5584.0, 5337.0, 5346.0, 5335.0, 5343.0, 5367.0, 5599.0, 5377.0, 5327.0, 5709.0, 5646.0, 5426.0, 5717.0, 5714.0, 5563.0, 5258.0, 5479.0, 5371.0, 5406.0, 5570.0, 5658.0, 5445.0, 5341.0, 5642.0, 5605.0, 5545.0, 5289.0, 5661.0, 5631.0, 5263.0, 5423.0, 5480.0, 5684.0, 5637.0, 5519.0, 5270.0, 5295.0, 5518.0, 5644.0, 5364.0, 5495.0, 5696.0, 5589.0, 5543.0, 5588.0, 5366.0, 5278.0, 5607.0, 5442.0, 5412.0, 5470.0, 5398.0, 5447.0, 5498.0, 5260.0, 5340.0, 5430.0, 5524.0, 5611.0, 5309.0, 5575.0, 5655.0, 5264.0, 5598.0 (number of hits: 14)

5. BRIDGE AND/OR MESH MODE

Test Standard:

Networks Access Points with Bridge and/or MESH modes of operation are permitted to operate in the DFS bands but must employ a DFS function. The functionality of the Bridge mode as specified in §15.403(a) must be validated in the DFS test report. Devices operating as relays where they act as master and client must also employ DFS function for the master. The method used to validate the functionality must be documented and validation data must be documented. Bridge mode can be validated by performing a test statistical performance check (Section 7.8.4) on any one of the radar types. This is an abbreviated test to verify DFS functionality. MESH mode operational methodology must be submitted in the application for certification for evaluation by the FCC.

Test Result:

Test Mode: Bridge

Compliance, please refer the below data.

5570MHz

Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5570	25	2.3	188	1
2	5570	24	4.7	216	1
3	5570	25	4	198	1
4	5570	29	3.2	155	1
5	5570	29	1	174	0
6	5570	24	1.3	220	1
7	5570	27	3.9	208	0
8	5570	24	4.2	161	1
9	5570	25	1.3	217	1
10	5570	26	2.9	185	1
11	5570	27	1.8	204	1
12	5570	26	4.3	180	1
13	5570	24	4.6	214	1
14	5570	27	3.5	212	1
15	5570	27	2.9	152	1
16	5570	28	3.5	163	1
17	5570	25	2	223	1
18	5570	23	4.7	150	1
19	5570	28	2.9	172	1
20	5570	28	3.7	218	1
21	5570	27	4.9	175	0
22	5570	27	2.6	199	1
23	5570	23	1.7	186	1
24	5570	26	3.7	208	1
25	5570	27	4.2	219	1
26	5570	24	3	177	1
27	5570	28	3.7	160	1
28	5570	25	1.7	228	1
29	5570	24	3.5	197	1
30	5570	25	3.1	210	1
Detection Percentage: 90% (>60%)					

6. EUT PHOTOGRAPHS

Please refer to the attachment CR230955399-EXP EUT EXTERNAL PHOTOGRAPHS and CR230955399-INP EUT INTERNAL PHOTOGRAPHS.

7. TEST SETUP PHOTOGRAPHS

Please refer to the attachment CR230955399-00F-TSP TEST SETUP PHOTOGRAPHS.

******* END OF REPORT *******