



FCC PART 15.407  
DYNAMIC FREQUENCY SELECTION  
TEST REPORT

For

**Huawei Technologies Co., Ltd.**

Administration Building, Headquarters of Huawei Technologies Co., Ltd. Bantian, Longgang District, 518129 Shenzhen, PEOPLE'S REPUBLIC OF CHINA

**FCC ID: QISAP7052DN**

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<b>Reviewed By:</b>	Jerry Zhang EMC Manager <i>Jerry Zhang</i>
<b>Test Laboratory:</b>	Bay Area Compliance Laboratories Corp. (Dongguan) No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China Tel: +86-769-86858888 Fax: +86-769-86858891 <a href="http://www.baclcorp.com.cn">www.baclcorp.com.cn</a>

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## GENERAL INFORMATION

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### Product Description for Equipment under Test (EUT)

The Huawei Technologies Co., Ltd.'s product, model number: AP7052DN(**FCC ID: QISAP7052DN**) (the "EUT") in this report was a **Wireless LAN Access Point**, which was measured approximately: 22.3 cm (H) x 21.9 cm (W) x 6.2 cm (D), rated input voltage: DC 48V or DC 48 V form POE adapter.

*\*All measurement and test data in this report was gathered from production sample serial number: 170921008 (Assigned by BACL, Dongguan). The EUT was received on 2017-09-21.*

### Objective

This report is prepared on behalf of **Huawei Technologies Co., Ltd.** in accordance with Part 2-Subpart J, Part 15-Subparts E of the Federal Communications Commission's rules.

The objective is to determine compliance with FCC Part 15, Subpart E, section 15.407 Dynamic Frequency Selection (DFS) for devices operating in the bands 5250- 5350 MHz,5470-5725 MHz.

### Test Methodology

FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02.

### Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China.

The test site has been approved by the FCC under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 897218,the FCC Designation No. : CN1220.

The test site has been registered with ISED Canada under ISED Canada Registration Number 3062D.

## SYSTEM TEST CONFIGURATION

### Description of Test Configuration

The EUT was configured for testing in an engineering mode which was provided by the manufacturer.

### EUT Exercise Software

The test was performed under: DOS command, which was provided by the manufacturer.

### Equipment Modifications

N/A

### Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Lenovo	Laptop	E450	PF-OMRADG 16/08
Lenovo	Laptop	E450	PF-OMR8KV 16/08

### External Cable

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
RJ45 Cable	Yes	Yes	10	EUT	Laptop

**SUMMARY OF TEST RESULTS**

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

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

## APPLICABLE STANDARDS

### DFS Requirement

CFR §47 Part 15.407(h)

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
<i>Non-Occupancy Period</i>	Yes	Not required	Yes
<i>DFS Detection Threshold</i>	Yes	Not required	Yes
<i>Channel Availability Check Time</i>	Yes	Not required	Not required
<i>U-NII Detection Bandwidth</i>	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
<i>DFS Detection Threshold</i>	Yes	Not required
<i>Channel Closing Transmission Time</i>	Yes	Yes
<i>Channel Move Time</i>	Yes	Yes
<i>U-NII Detection Bandwidth</i>	Yes	Not required

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	Client Without Radar Detection
<i>U-NII Detection Bandwidth and Statistical Performance Check</i>	All BW modes must be tested	Not required
<i>Channel Move Time and Channel Closing Transmission Time</i>	Test using widest BW mode available	Test using the widest BW mode available for the link
<i>All other tests</i>	Any single BW mode	Not required
<b>Note:</b> 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 $\geq$ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
<p><b>Note 1:</b> This is the level at the input of the receiver assuming a 0 dBi receive antenna.</p> <p><b>Note 2:</b> 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.</p> <p><b>Note 3:</b> EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.</p>	

**Table 4: DFS Response Requirement Values**

Parameter	Value
<i>Non-occupancy period</i>	Minimum 30 minutes
<i>Channel Availability Check Time</i>	60 seconds
<i>Channel Move Time</i>	10 seconds See Note 1.
<i>Channel Closing Transmission Time</i>	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
<i>U-NII Detection Bandwidth</i>	Minimum 100% of the U- NII 99% transmission power bandwidth. See Note 3.
<p><b>Note 1:</b> <i>Channel Move Time</i> and the <i>Channel Closing Transmission Time</i> should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.</p> <p><b>Note 2:</b> The <i>Channel Closing Transmission Time</i> is comprised of 200 milliseconds starting at the beginning of the <i>Channel Move Time</i> plus any additional intermittent control signals required to facilitate a <i>Channel move</i> (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.</p> <p><b>Note 3:</b> During the <i>U-NII Detection Bandwidth</i> 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.</p>	

**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	Roundup $\left\{ \left( \frac{1}{360} \right) \cdot \left( \frac{19 \cdot 10^6}{PRI_{\mu sec}} \right) \right\}$	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
<b>Note 1:</b> 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  $\text{Roundup} \left\{ \left( \frac{1}{360} \right) \cdot \left( \frac{19 \cdot 10^6}{3066} \right) \right\} = \text{Roundup} \{17.2\} = 18.$



**Table 5a - Pulse Repetition Intervals Values for Test A**

<b>Pulse Repetition Frequency Number</b>	<b>Pulse Repetition Frequency (Pulses Per Second)</b>	<b>Pulse Repetition Interval (Microseconds)</b>
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.

<b>Radar Type</b>	<b>Number of Trials</b>	<b>Number of Successful Detections</b>	<b>Minimum Percentage of Successful Detection</b>
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

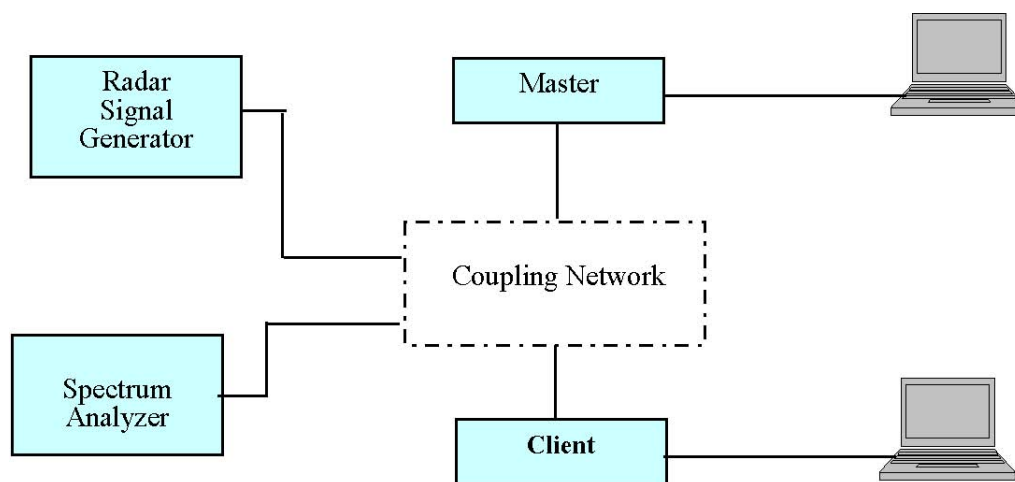
**Table 7 – Frequency Hopping Radar Test Waveform**

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

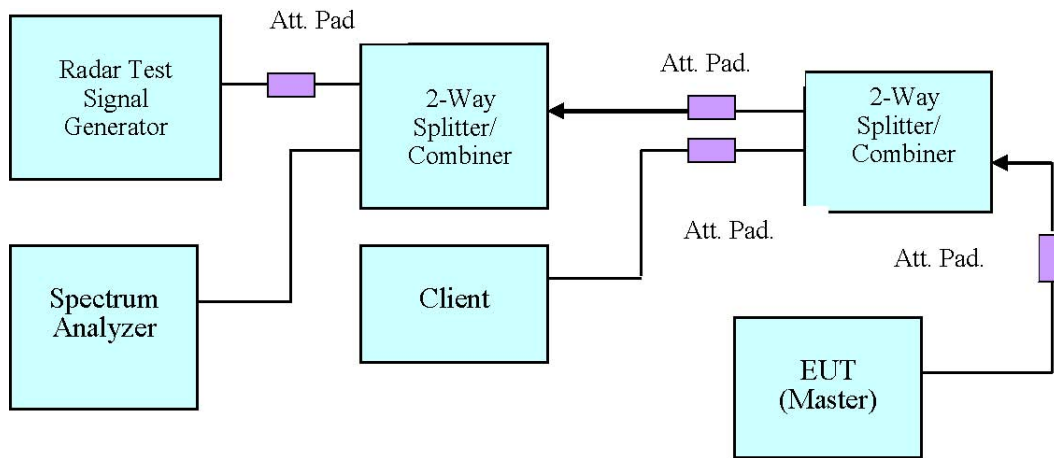
**DFS Measurement System**

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

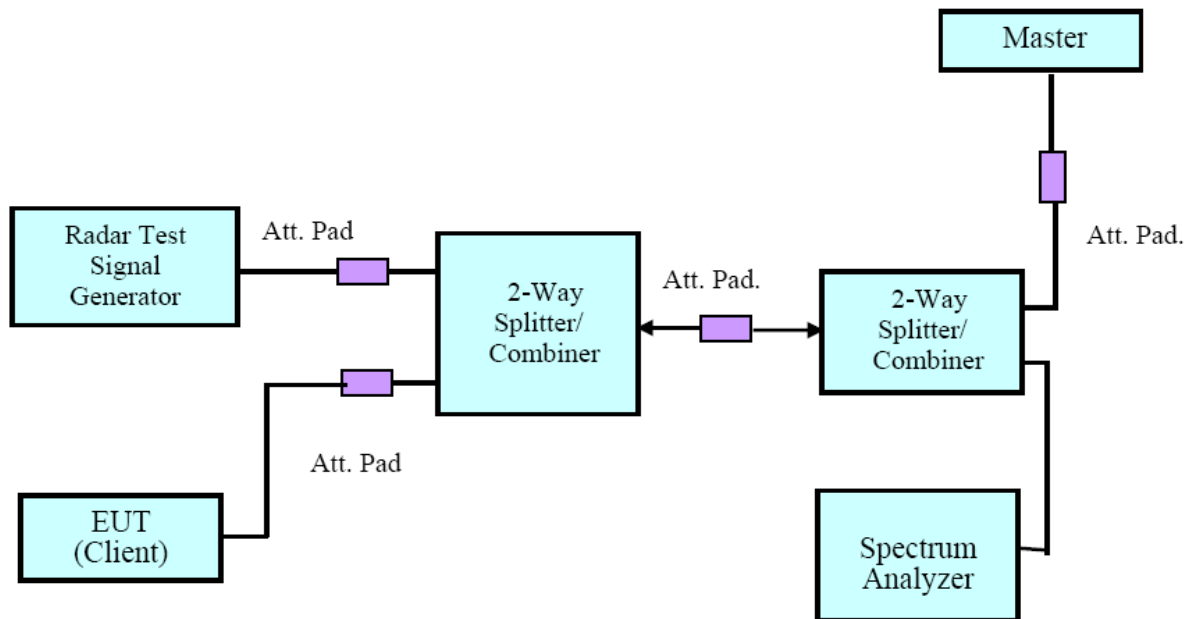
**System Block Diagram**



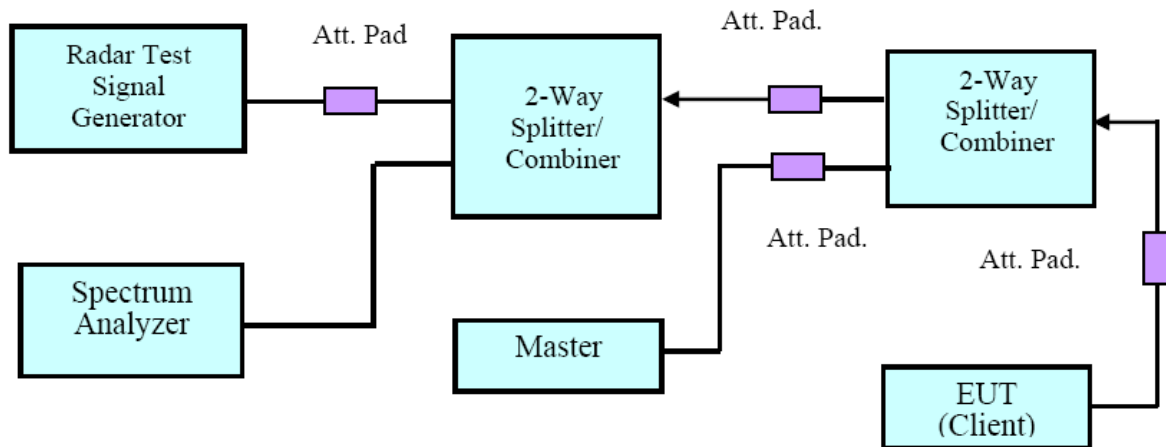
**Conducted Method**



**Setup for Master with injection at the Master**

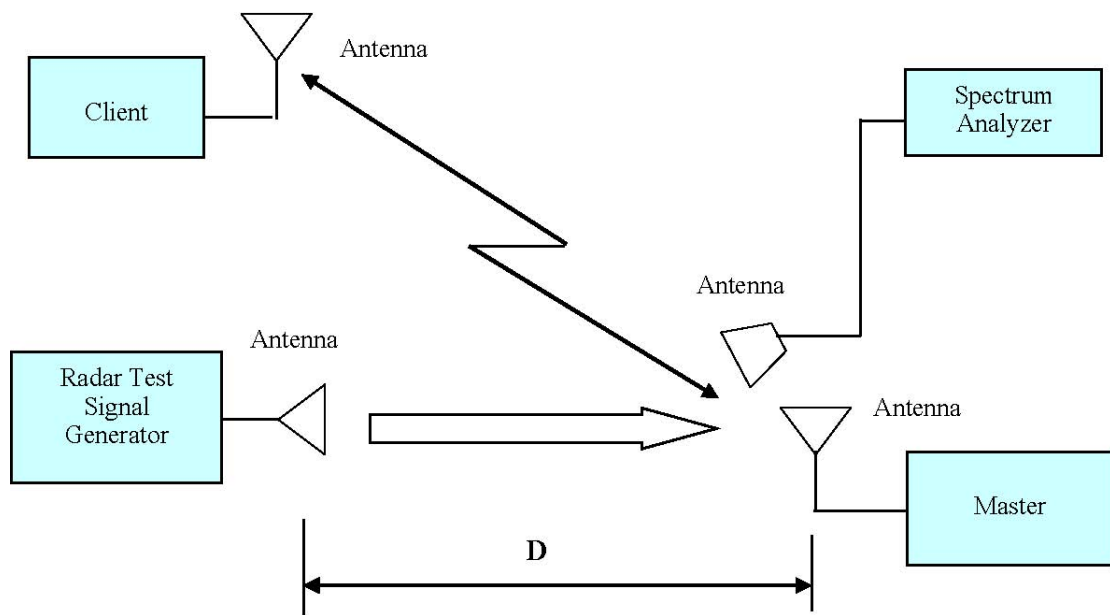


**Setup for Client with injection at the Master**



Setup for Client with injection at the Client

**Radiated Method**



**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.

## TEST RESULTS

### Description of EUT

The calibrated radiated DFS detection threshold level is set to -64 dBm is more stringent.

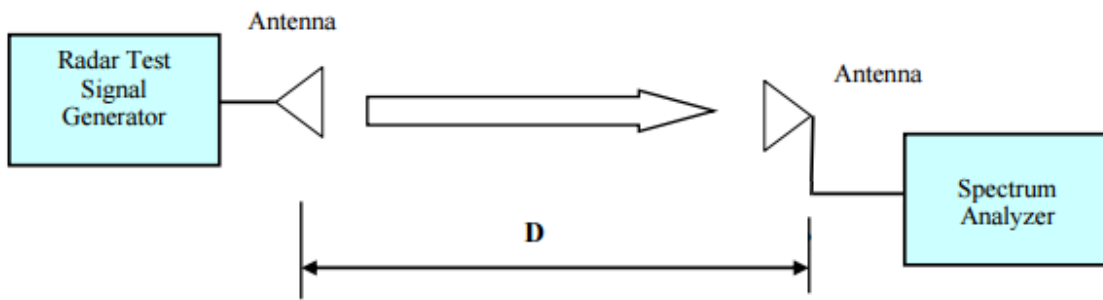
WLAN traffic is generated by streaming the video file TestFile.mpg, this file is used by IP and Frame based systems for loading the test channel during the In-service compliance testing of the U-NII device. The file is streamed from the Access Point to the Client in full motion video mode using the media player with the V2.61 Codec package.

### 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	2016-12-08	2017-12-08
Agilent	Spectrum Analyzer	E4440A	SG43360054	2017-12-08	2018-12-08
Ditorn	Splitter/Combiner	D3C4080	SN2244	N/A	N/A
TDK RF	Horn Antenna	HRN-0118	130 084	2016-01-05	2019-01-04
ETS LINDGREN	Horn Antenna	3115	000 527 35	2016-01-05	2019-01-04

\* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

**Radar Waveform Calibration**



**Radiated Calibration Setup Block Diagram**

**Test Environmental Conditions**

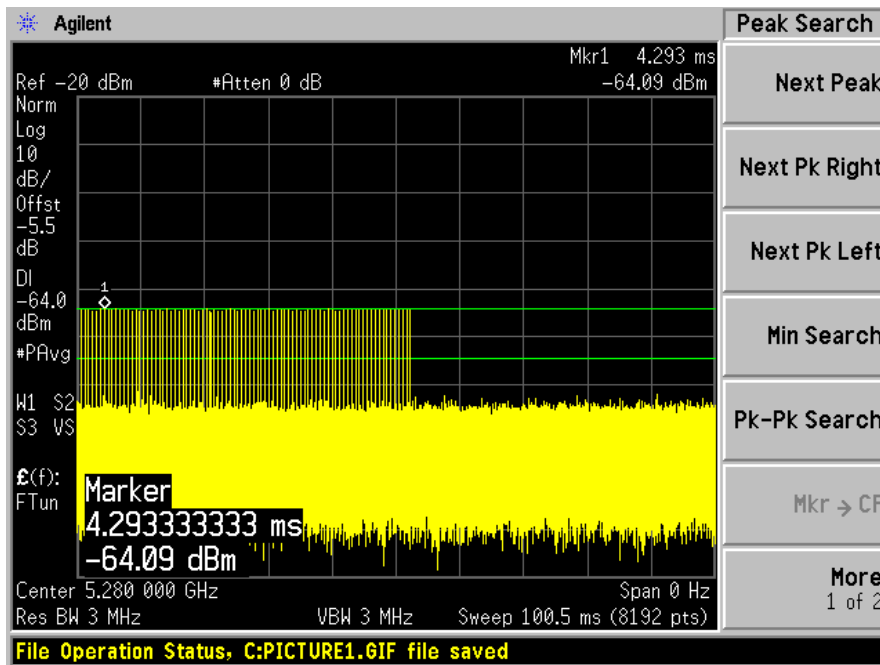
<b>Temperature:</b>	27.8~28.4 °C
<b>Relative Humidity:</b>	35~59 %
<b>ATM Pressure:</b>	101.3~101.6 kPa

*The testing was performed by Robin Zheng on 2017-12-07, 2018-05-21.*

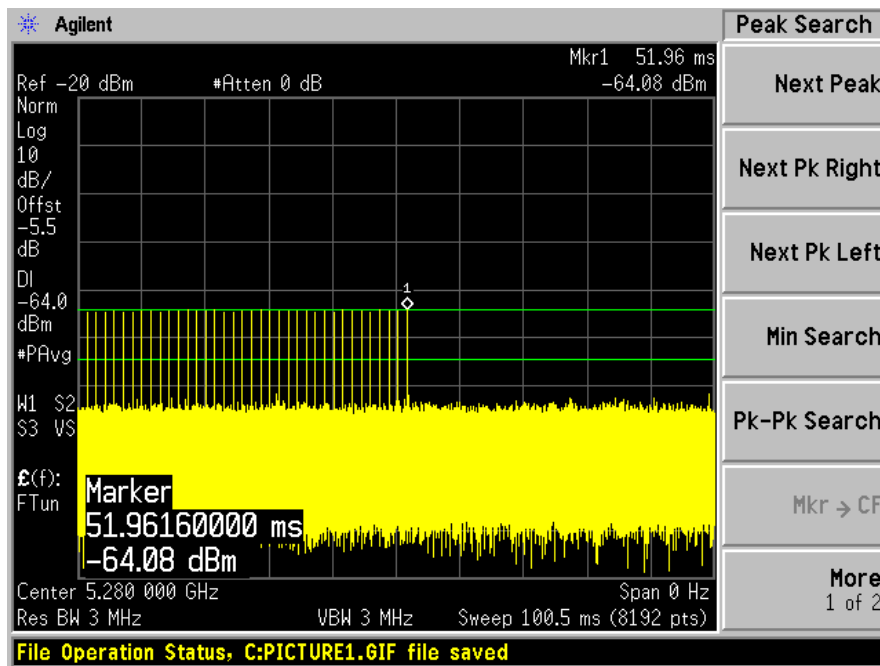
Plots of Radar Waveforms

5280 MHz:

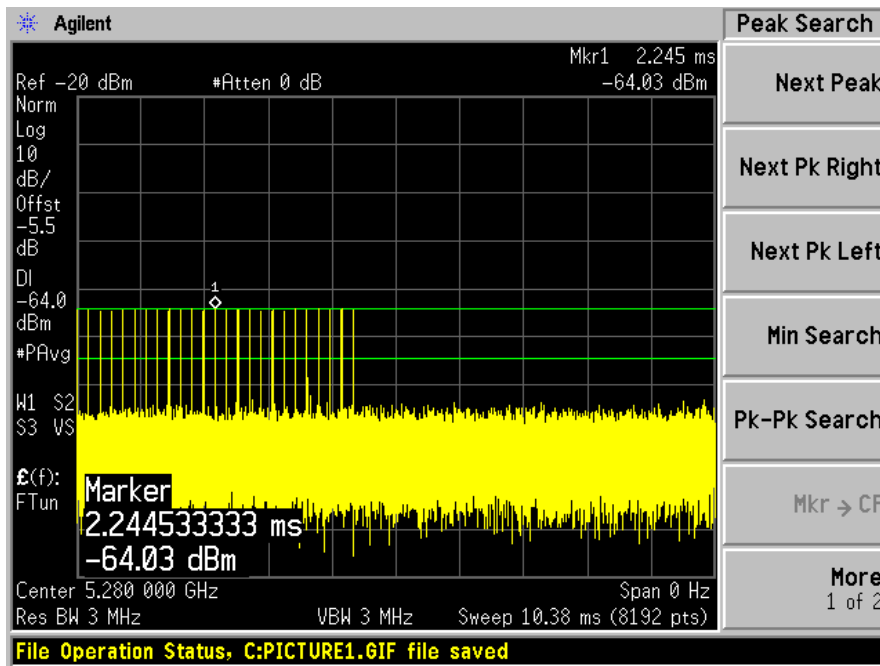
### Radar Type 1A



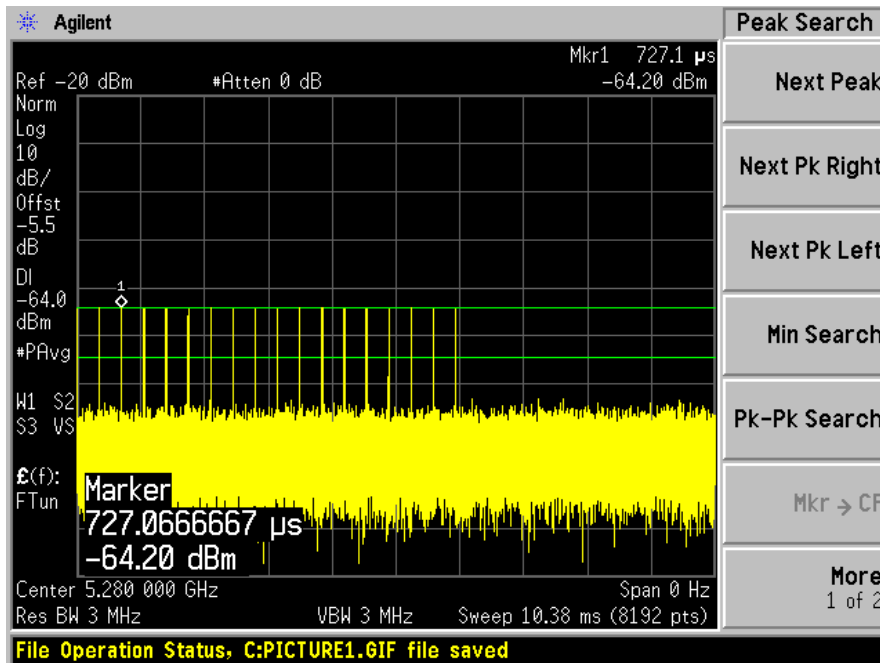
### Radar Type 1B



### Radar Type 2

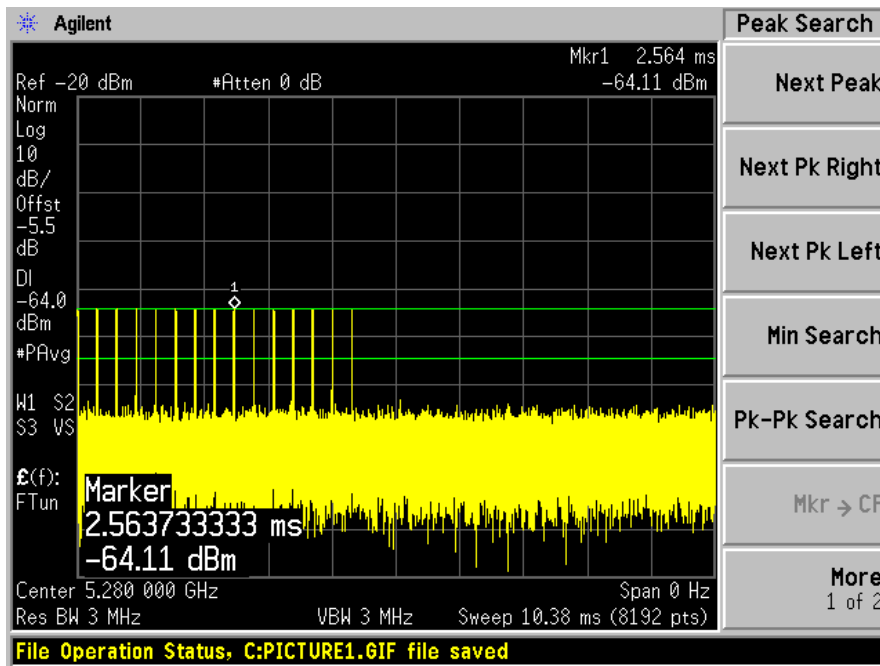


### Radar Type 3

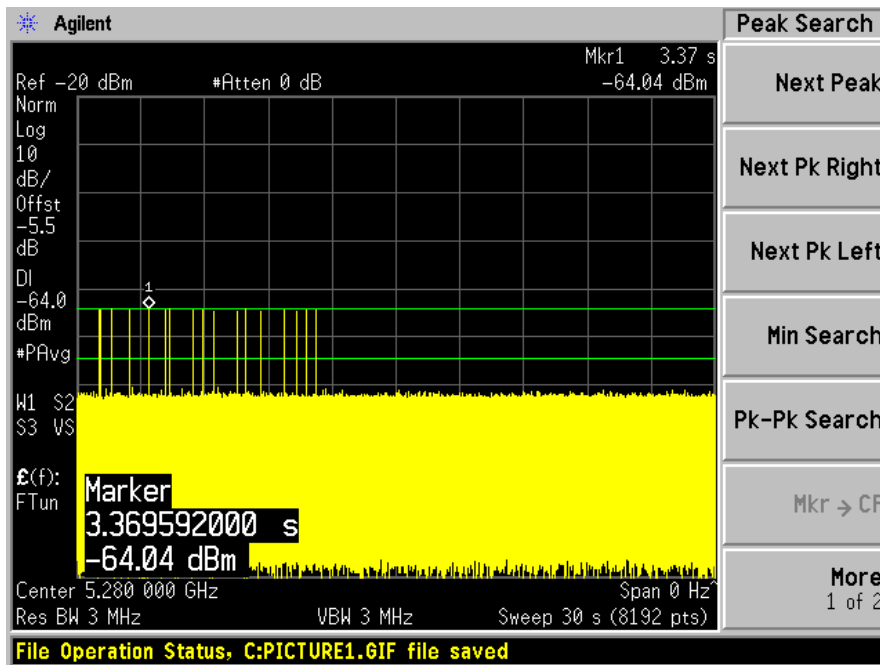




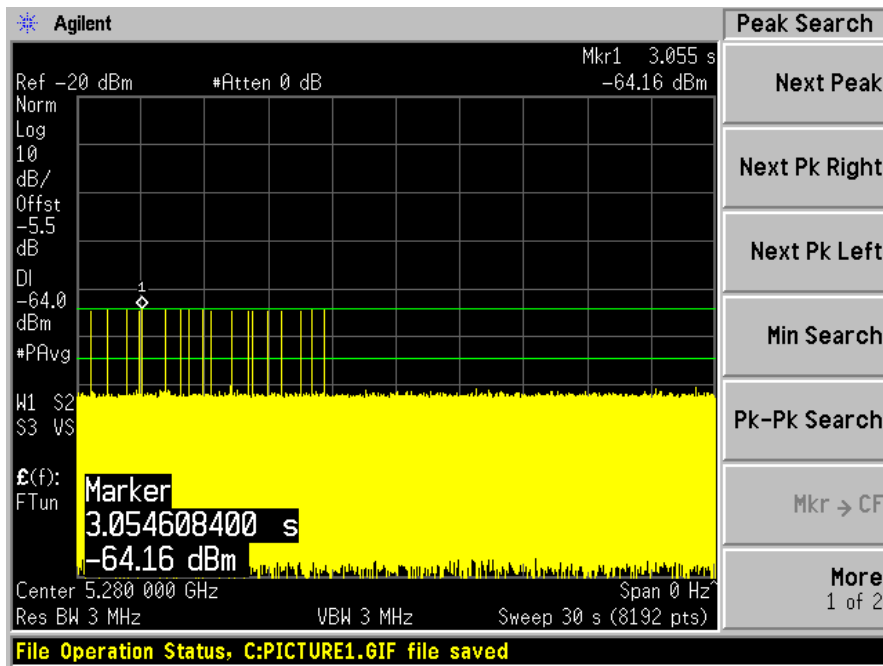
**Radar Type 4**



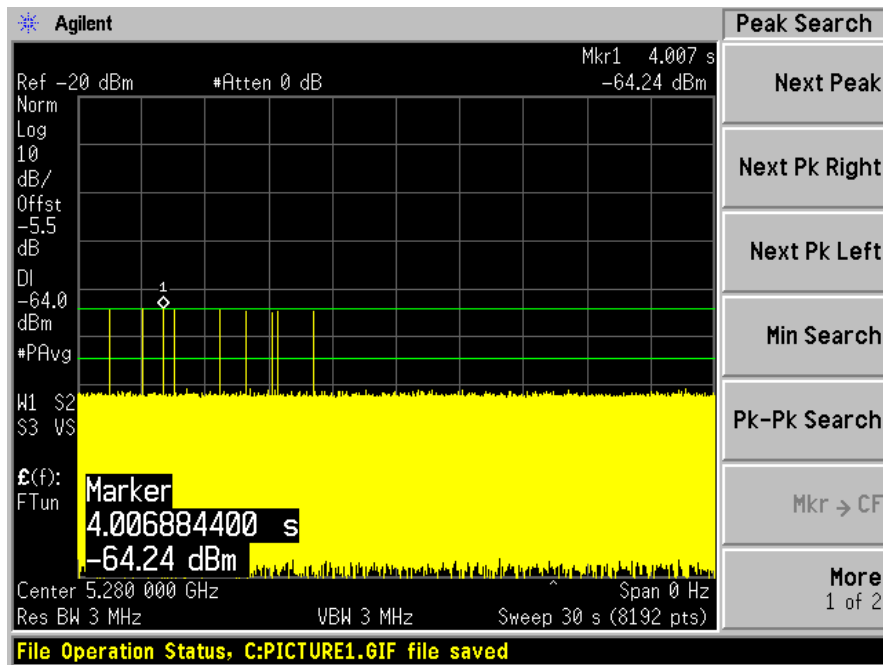
**Radar Type 5-1**



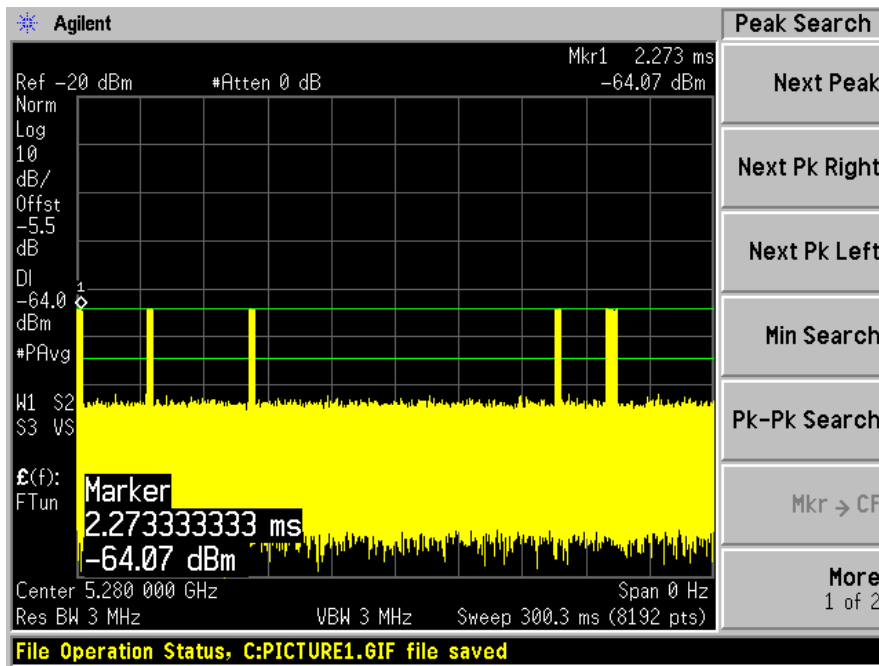
### Radar Type 5-2



### Radar Type 5-3

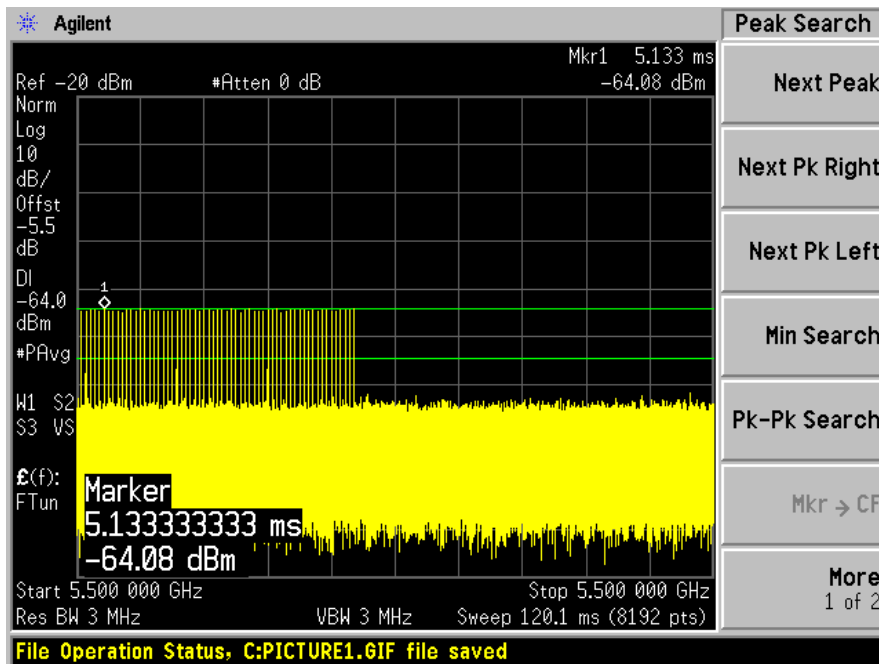


**Radar Type 6**

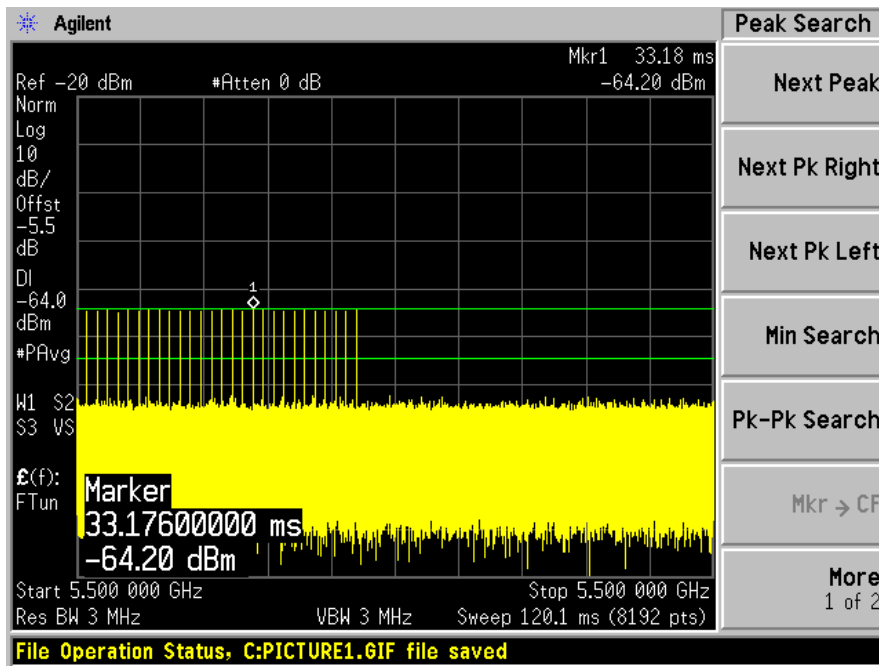


5500 MHz:

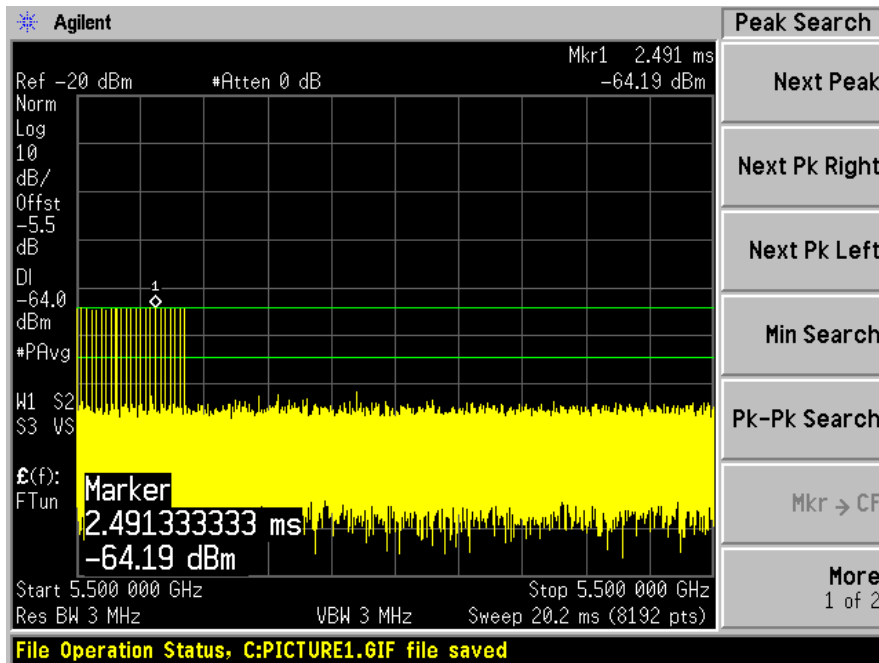
**Radar Type 1A**



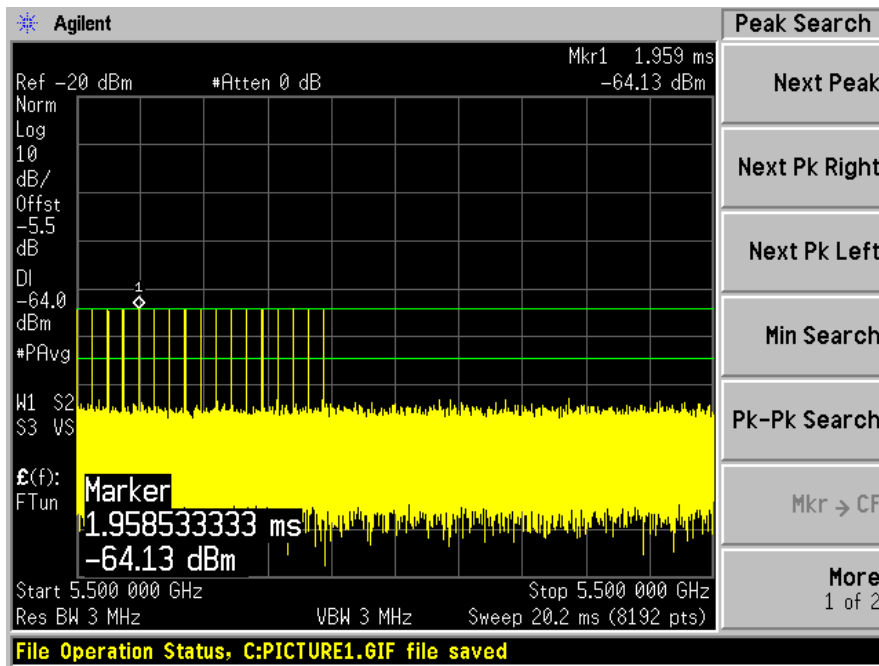
### Radar Type 1B



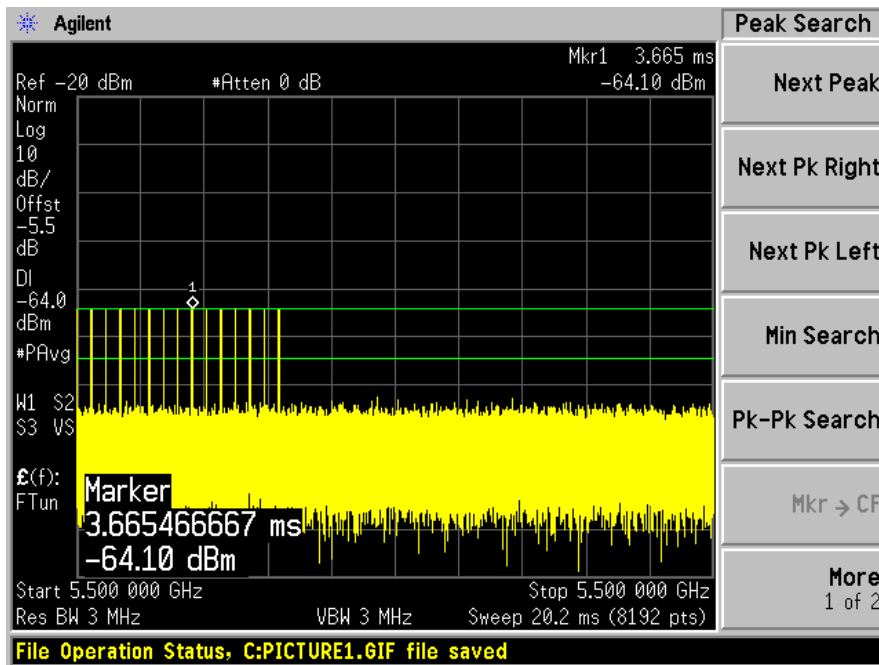
### Radar Type 2



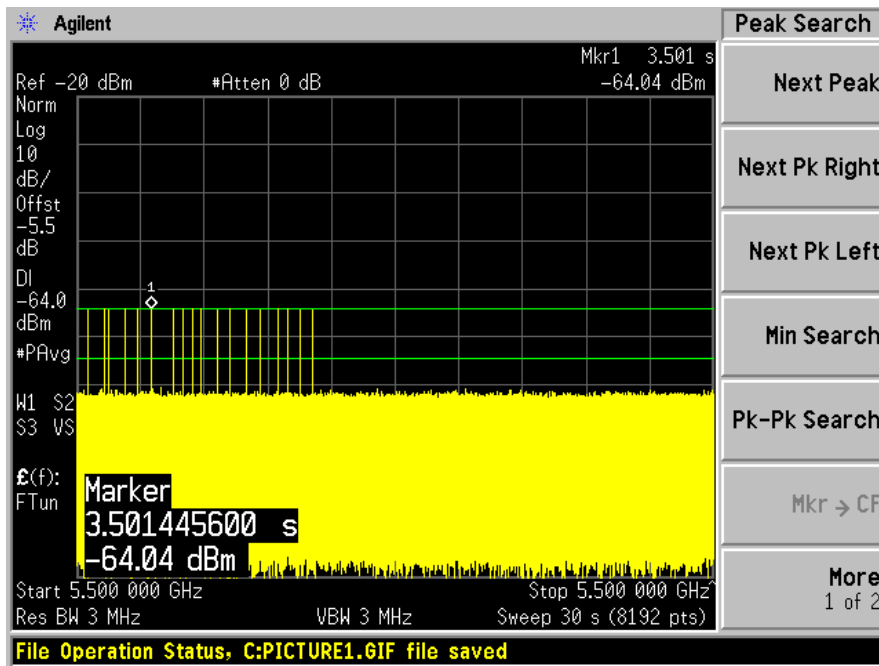
**Radar Type 3**



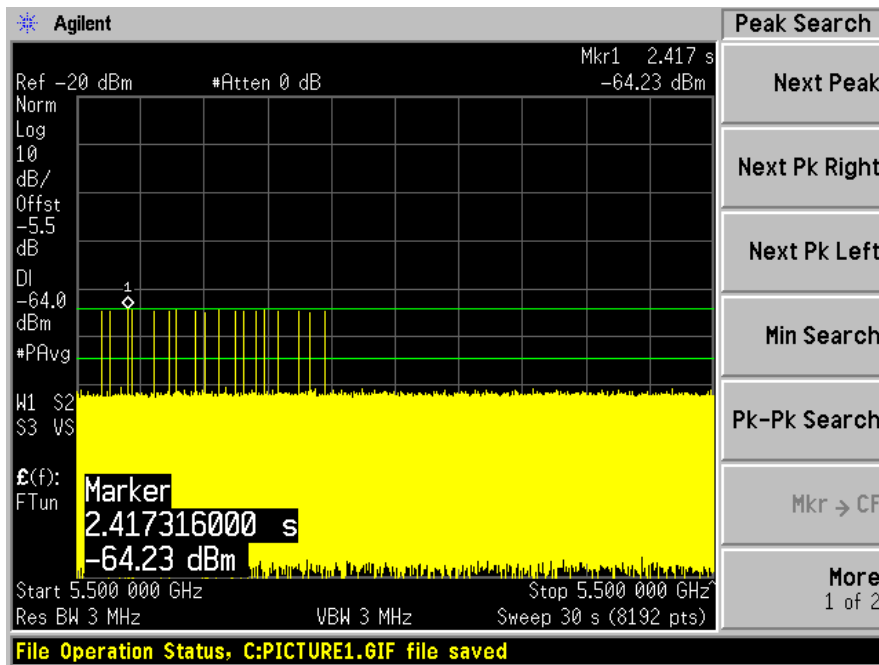
**Radar Type 4**



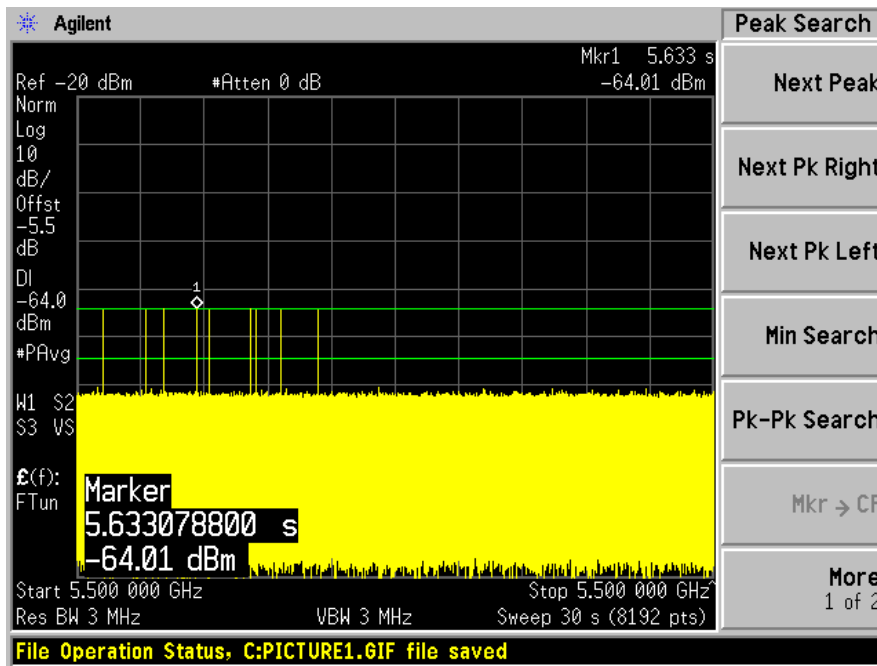
**Radar Type 5-1**



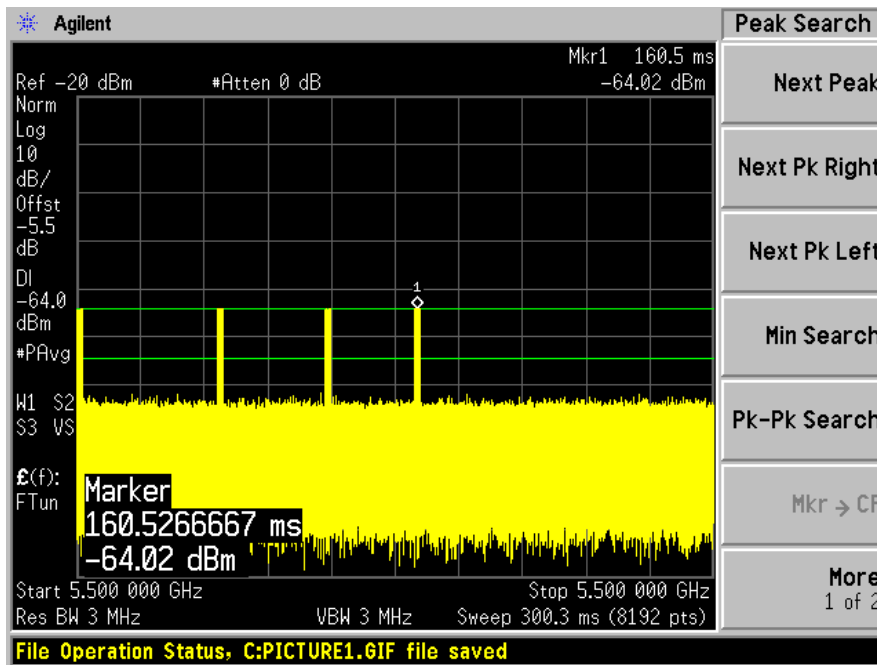
**Radar Type 5-2**



### Radar Type 5-3



### Radar Type 6



## **CHANNEL AVAILABILITY CHECK TIME (CAC)**

### **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.

### **EUT Initial power-up Cycle Time**

#### **Radio 0:**

Test Frequency (MHz)	EUT initial Power-up cycle (Second)
5280	177.6

#### **Radio 1:**

Test Frequency (MHz)	EUT initial Power-up cycle (Second)
5280	142.4
5500	143.0

### **Results:**

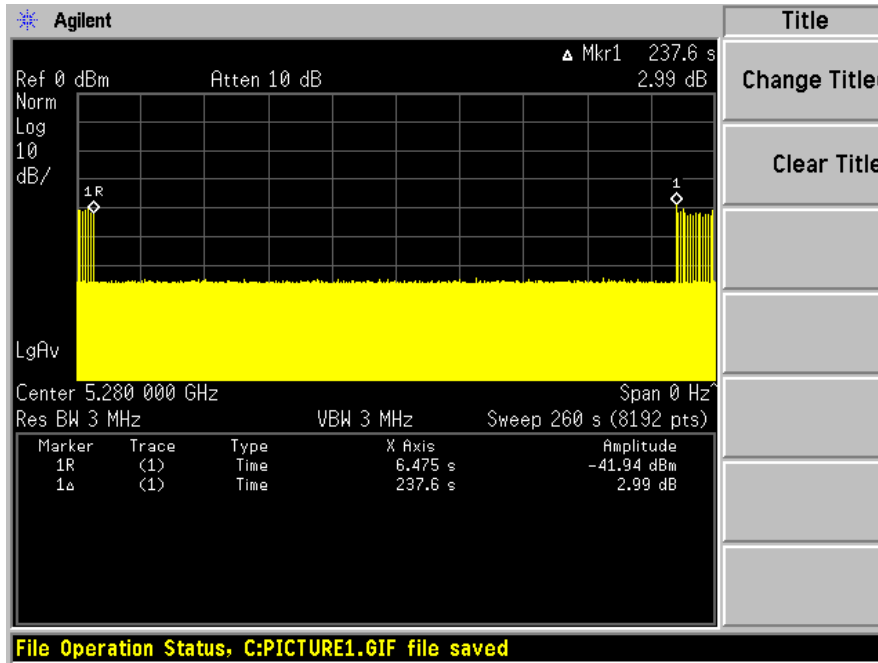
Timing of Radar Burst	Spectrum Analyzer Display
No Radar Triggered	Transmission begin after power-up cycle +60 seconds CAC
Within 6 seconds of the CAC starting	No transmission
Within the last 6 seconds of the CAC	No transmission

Please refer to the following plots.



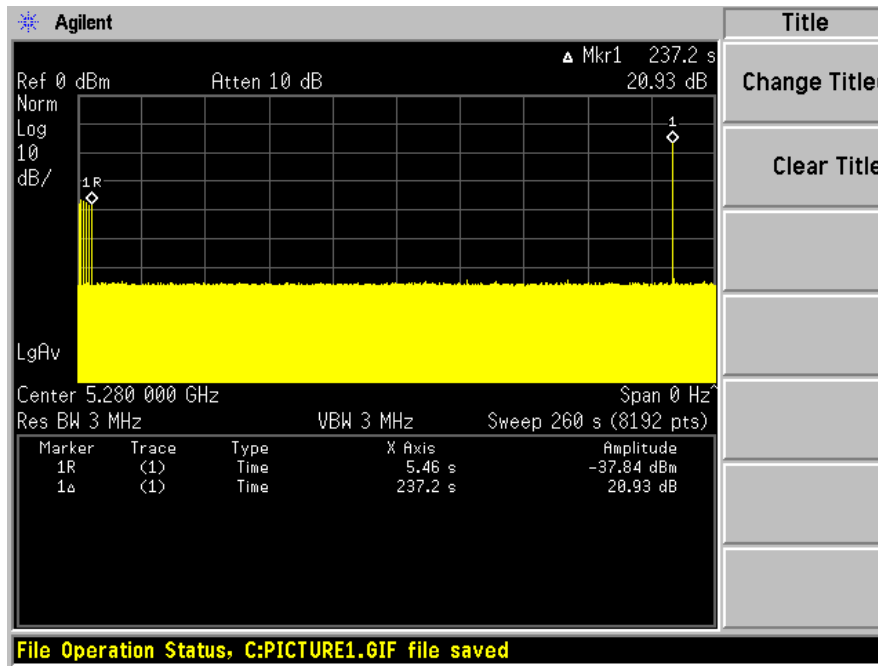
Radio, 5280 MHz:

**Plot of without Radar signal applied**



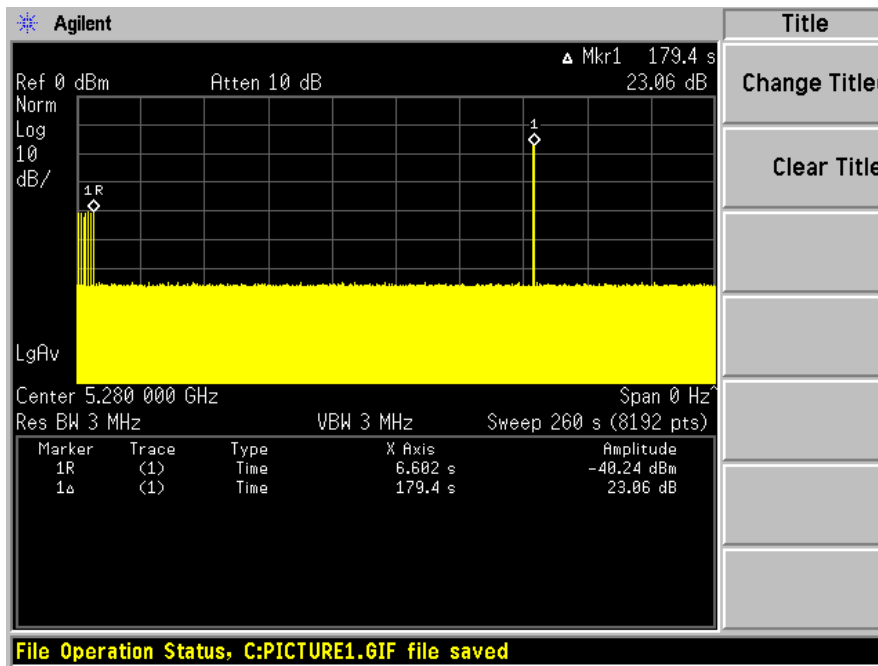
Note: The power-up cycle is 237.6 seconds.

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



No transmissions found after radar signal applied.

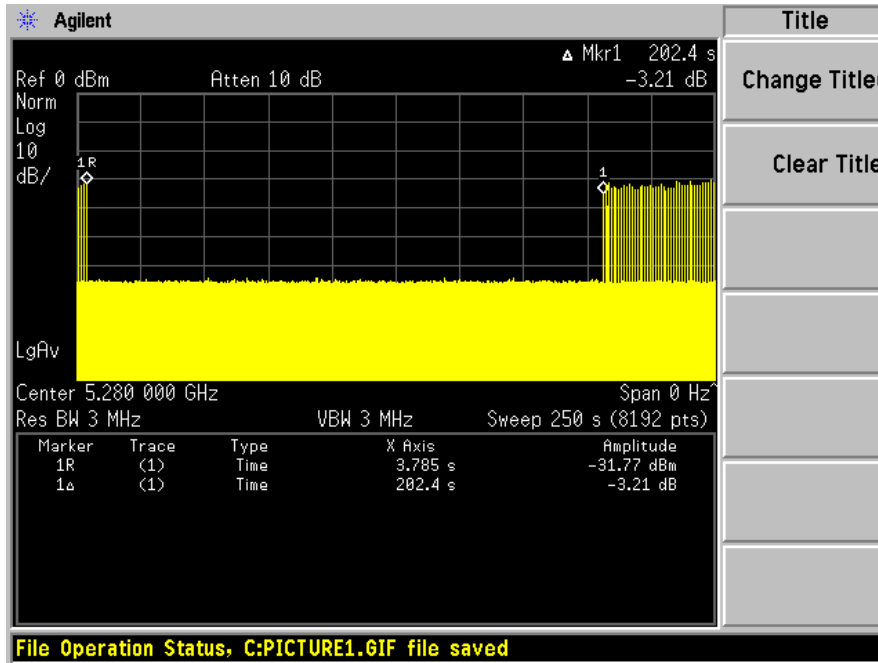
**Plot of Radar signal applied at the end of 6 seconds of CAC**



No transmissions found after radar signal applied.

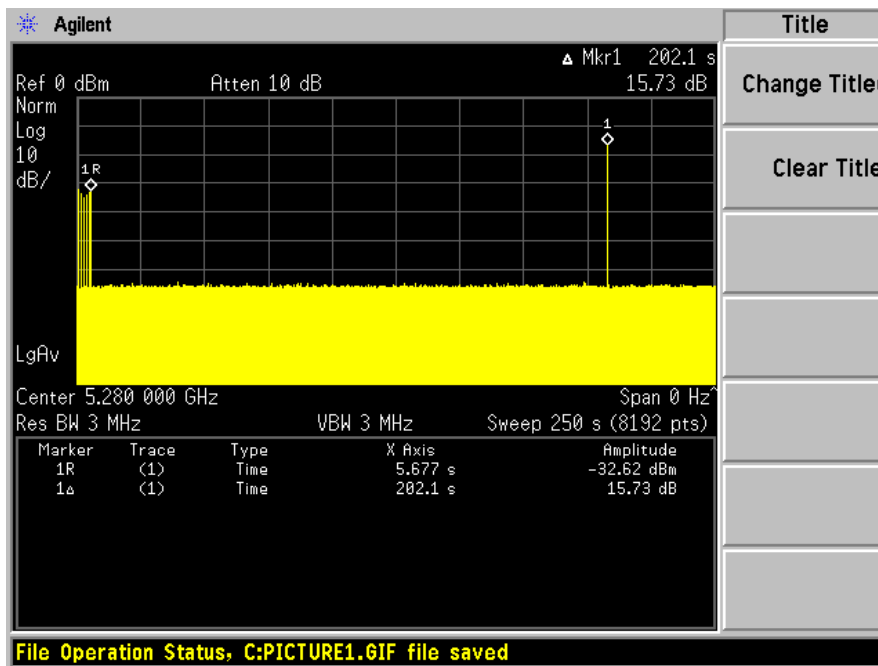
Radio 1,  
5280 MHz:

**Plot of without Radar signal applied**



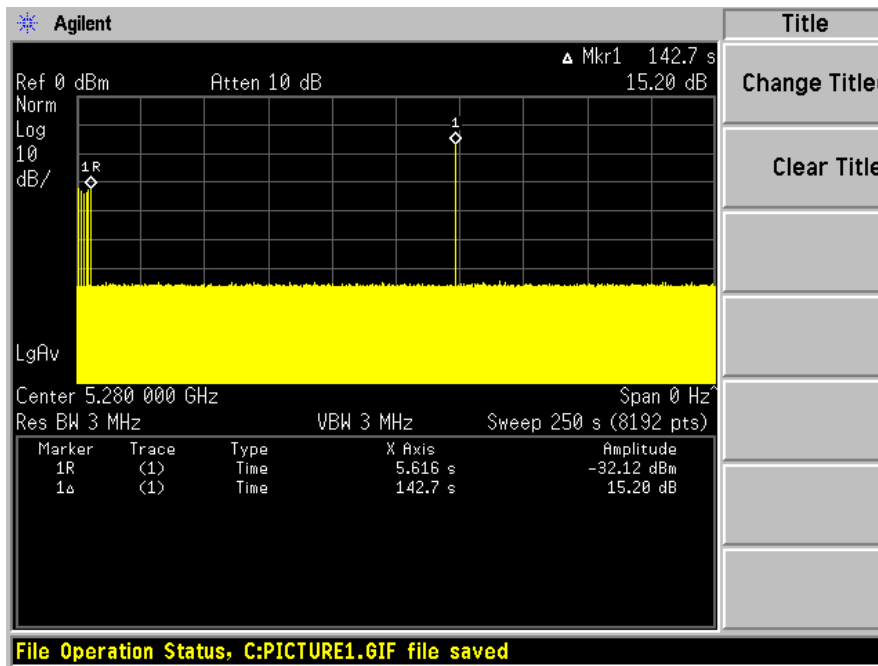
Note: The power-up cycle is 202.4 seconds.

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



No transmissions found after radar signal applied.

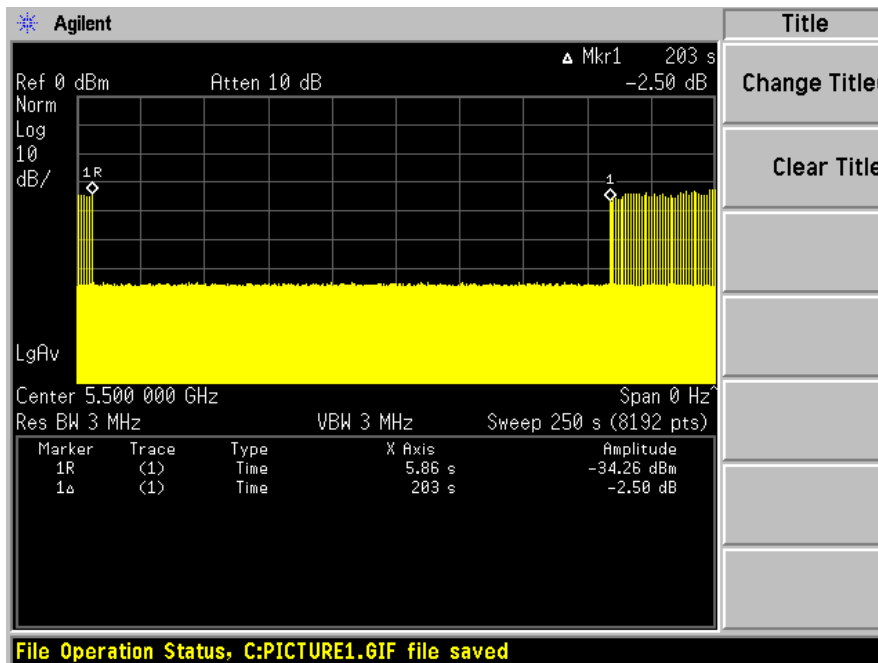
**Plot of Radar signal applied at the end of 6 seconds of CAC**



No transmissions found after radar signal applied.

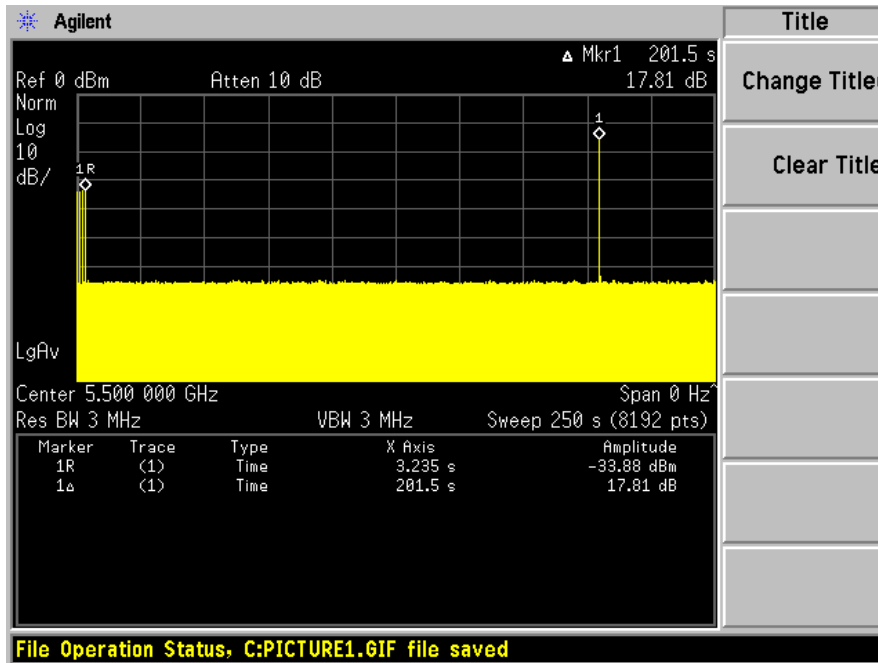
5500 MHz:

**Plot of without Radar signal applied**



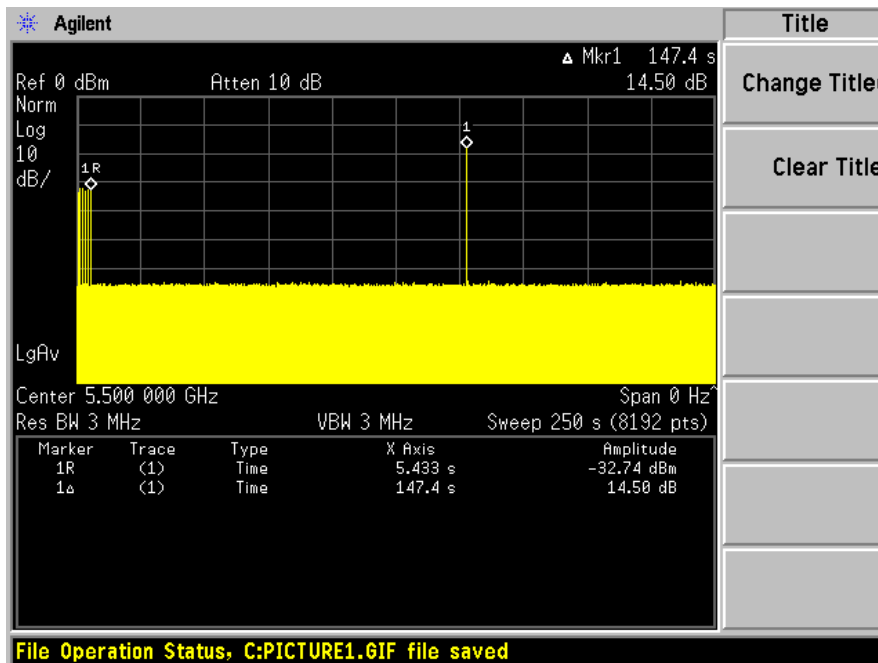
Note: The power-up cycle is 203.0 seconds.

**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.

## CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

### Test Procedure

Perform type 0 short pulse radar waveform, repeat using a long pulse radar type5 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)

### Test Results

#### Radio 0:

Frequency (MHz)	Bandwidth (MHz)	Radar Type	Results
5290	80	Type 0	Compliant

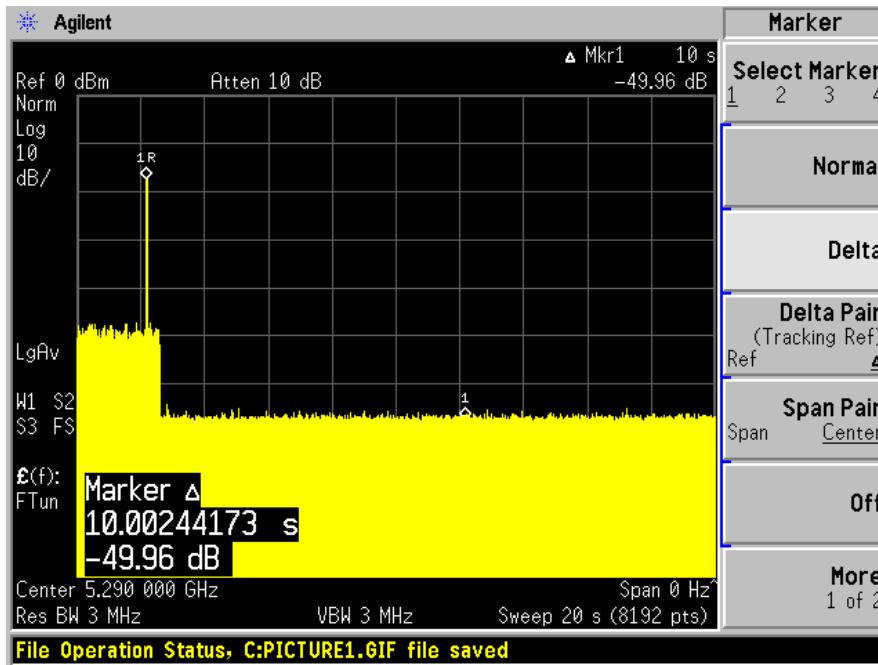
#### Radio 1:

Frequency (MHz)	Bandwidth (MHz)	Radar Type	Results
5290	80	Type 0	Compliant
5530	80	Type 0	Compliant

Please refer to the following tables and plots.

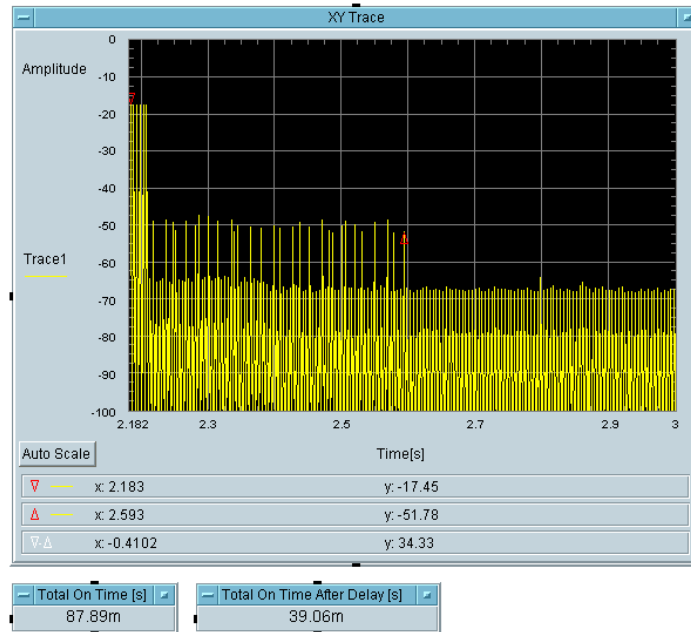
**Radio 0, 5290 MHz**

Type 0 radar channel move time result:



Type0 radar channel closing transmission time result:

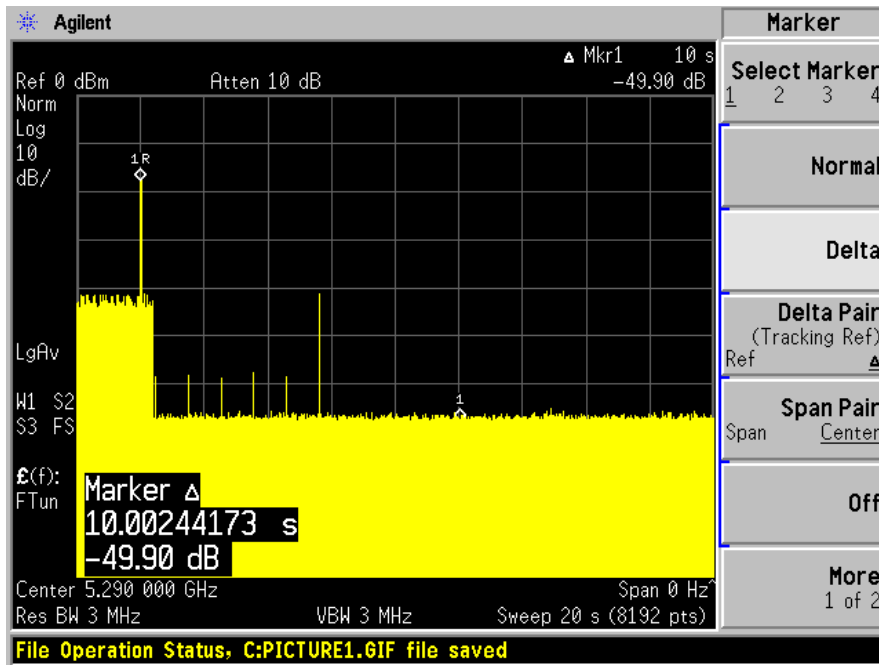
Transmission After 200ms	Aggregate Transmission Time After 200ms Delay (ms)	Limit for Aggregate Transmission Time After 200ms Delay (ms)	Result
Yes	39.06	60	Pass





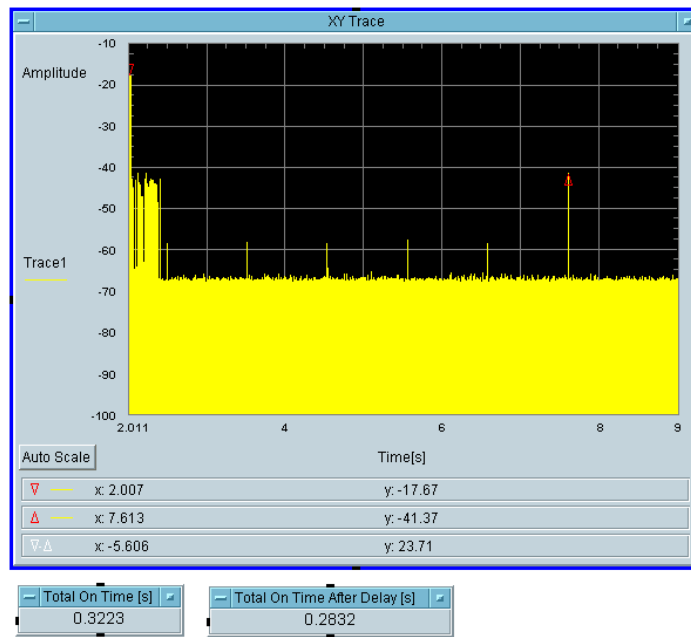
**Radio 1, 5290 MHz**

Type 0 radar channel move time result:



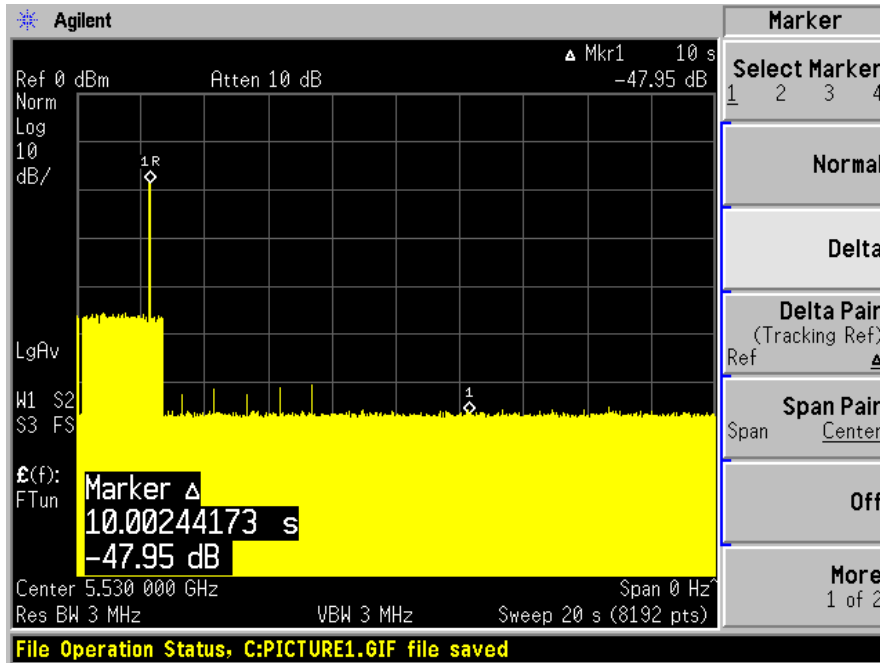
Type0 radar channel closing transmission time result:

Transmission After 200ms	Aggregate Transmission Time After 200ms Delay (ms)	Limit for Aggregate Transmission Time After 200ms Delay (ms)	Result
Yes	0.28	60	Pass



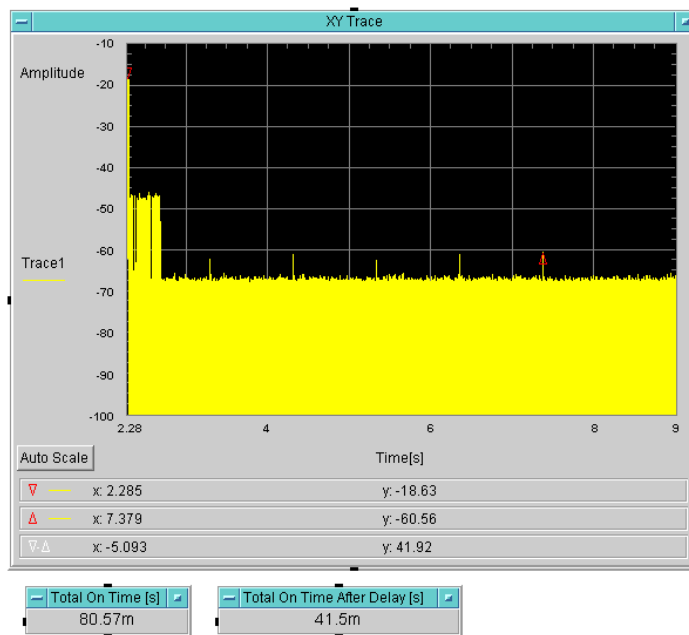
**Radio 1, 5530 MHz**

Type 0 radar channel move time result:



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	41.5	60	Pass



## NON-OCCUPANCY PERIOD

### Test Procedure

Measure the EUT for more than 30 minutes following the channel close/move time to verify 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)

### Test Result

#### Radio 0:

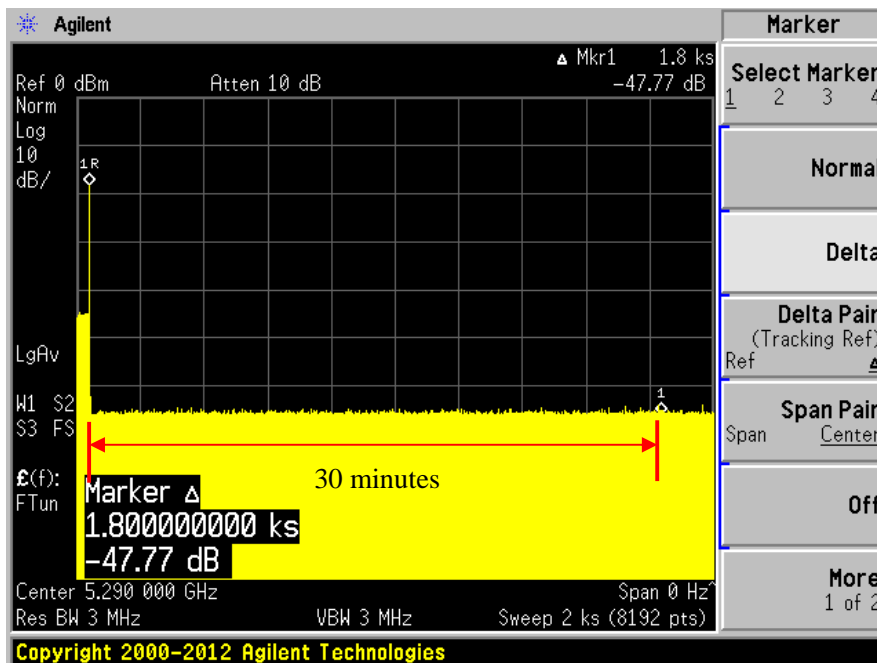
Frequency(MHz)	Bandwidth (MHz)	Spectrum Analyzer Display
5290	80	No transmission within 30 minutes

#### Radio 1:

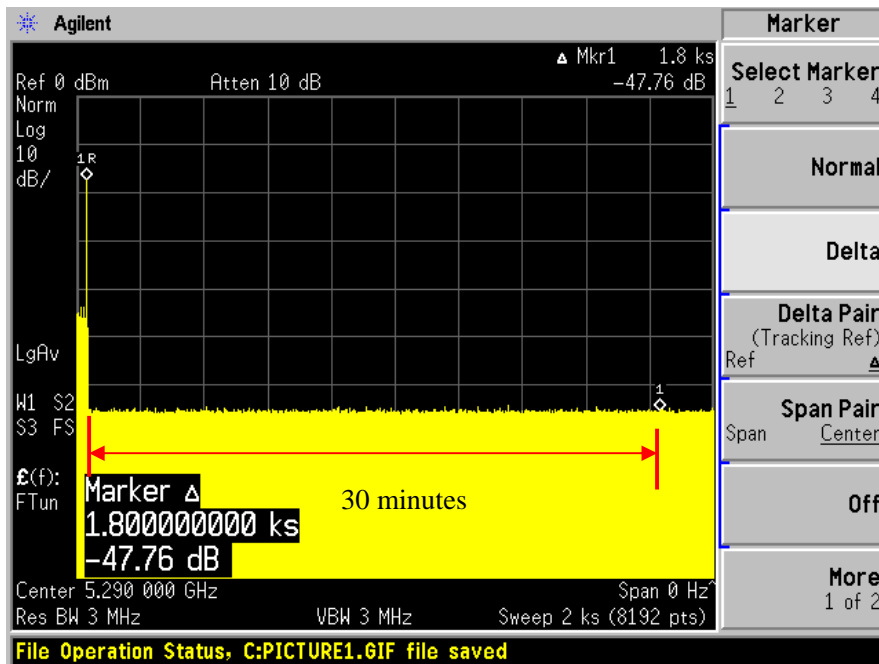
Frequency(MHz)	Bandwidth (MHz)	Spectrum Analyzer Display
5290	80	No transmission within 30 minutes
5530	80	No transmission within 30 minutes

Please refer to the following plots.

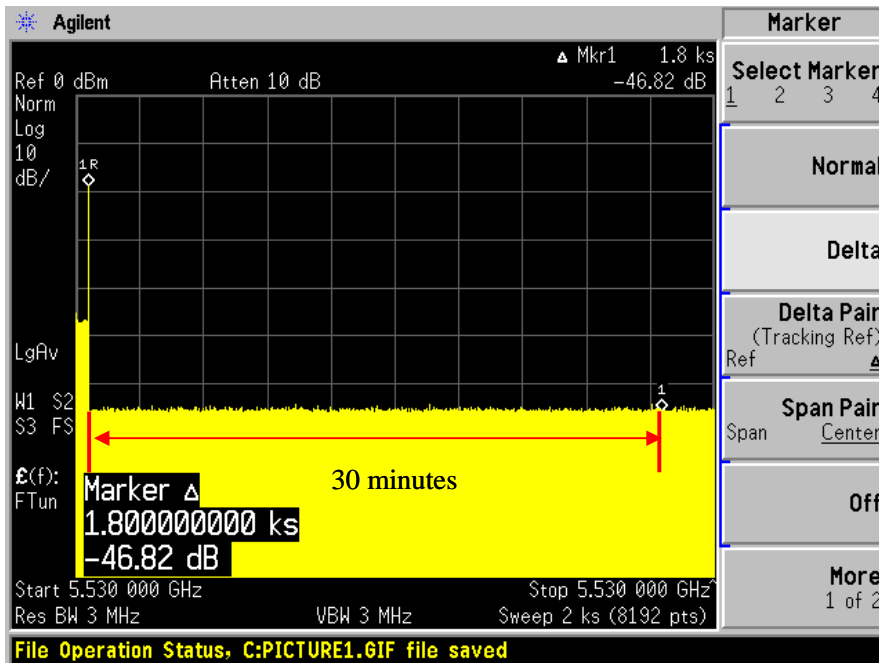
#### 5290 MHz



5290 MHz



5530 MHz



## DETECTION BANDWIDTH

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### 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  $F_L$ .

**Test Result**

**Radio 0:**

Frequency (MHz)	Bandwidth Systems (MHz)	F <sub>L</sub> (MHz)	F <sub>H</sub> (MHz)	Detection Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Minimum Limit	Result
5280	20	5270	5290	20	17.84	100%	Compliance
5270	40	5250	5290	40	36.48	100%	Compliance
5290	80	5251	5330	79	75.84	100%	Compliance

**Radio 1:**

Frequency (MHz)	Bandwidth Systems (MHz)	F <sub>L</sub> (MHz)	F <sub>H</sub> (MHz)	Detection Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Minimum Limit	Result
5280	20	5270	5290	20	17.76	100%	Compliance
5270	40	5250	5290	40	36.32	100%	Compliance
5290	80	5251	5330	79	75.84	100%	Compliance
5500	20	5491	5509	18	17.68	100%	Compliance
5510	40	5491	5529	38	36.32	100%	Compliance
5530	80	5491	5569	78	75.84	100%	Compliance

**80M+80M:**

Mode	Frequency (MHz)	Bandwidth Systems (MHz)	F <sub>L</sub> (MHz)	F <sub>H</sub> (MHz)	Detection Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Minimum Limit	Result
5290MHz+ 5530MHz	5290	80	5250	5330	80	75.84	100%	Compliance
	5530	80	5491	5569	78	75.84	100%	Compliance
5530MHz+ 5610MHz	5530	80	5491	5569	78	75.84	100%	Compliance
	5610	80	5570	5648	78	75.84	100%	Compliance

Please refer to the following tables and plots.



Results of Detection Bandwidth:

**Radio 0:**

20MHz Bandwidth, EUT Frequency = 5280MHz											
DFS Detection Trials ( 1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
<b>5270(F<sub>L</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
5271	1	1	1	1	1	1	1	1	1	1	100 %
5272	1	1	1	1	1	1	1	1	1	1	100 %
5273	1	1	1	1	1	1	1	1	1	1	100 %
5274	1	1	1	1	1	1	1	1	1	1	100 %
5275	1	1	1	1	1	1	1	1	1	1	100 %
<b>5280</b>	1	1	1	1	1	1	1	1	1	1	100 %
5285	1	1	1	1	1	1	1	1	1	1	100 %
5286	1	1	1	1	1	1	1	1	1	1	100 %
5287	1	1	1	1	1	1	1	1	1	1	100 %
5288	1	1	1	1	1	1	1	1	1	1	100 %
5289	1	1	1	1	1	1	1	1	1	1	100 %
<b>5290(F<sub>H</sub>)</b>	1	1	0	1	1	1	1	1	1	1	90 %
<b>Detection Bandwidth = F<sub>H</sub> – F<sub>L</sub> = 5290-5270 = 20 MHz</b>											
<b>EUT 99% BW = 17.84 MHz;</b>											<b>Result: Pass</b>

40MHz Bandwidth, EUT Frequency = 5270 MHz											
DFS Detection Trials ( 1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
<b>5250(F<sub>L</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
5251	1	1	1	1	1	1	1	1	1	1	100 %
5252	1	1	1	1	1	1	1	1	1	1	100 %
5253	1	1	1	1	1	1	1	1	1	1	100 %
5254	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	0	1	1	90 %
5265	1	1	1	1	1	1	1	1	1	1	100 %
<b>5270</b>	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 %
5286	1	1	1	1	1	1	1	1	1	1	100 %
5287	1	1	1	1	1	1	1	1	1	1	100 %
5288	1	1	1	1	1	1	1	1	1	1	100 %
5289	1	1	1	1	1	1	1	1	1	1	100 %
<b>5290(F<sub>H</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
<b>Detection Bandwidth</b> = F <sub>H</sub> - F <sub>L</sub> = 5290-5250 = 40 MHz											
<b>EUT 99% BW</b> = 36.48 MHz;										<b>Result:</b> Pass	

80MHz Bandwidth, EUT Frequency = 5290 MHz											
DFS Detection Trials ( 1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
<b>5251(F<sub>L</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
5252	1	1	1	1	1	1	1	1	1	1	100 %
5253	1	1	1	1	1	1	1	1	1	0	90 %
5254	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 %
<b>5290</b>	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 %
5326	1	1	1	1	1	1	1	1	1	1	100 %
5327	1	1	1	1	1	1	1	1	1	1	100 %
5328	1	1	1	1	1	1	1	1	1	1	100 %
5329	1	1	1	1	1	1	1	1	1	1	100 %
<b>5330(F<sub>H</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
<b>Detection Bandwidth = F<sub>H</sub> - F<sub>L</sub> = 5330-5251 = 79 MHz</b>											
<b>EUT 99% BW = 75.84 MHz;</b>											<b>Result: Pass</b>

**Radio 1:**

20MHz Bandwidth, EUT Frequency = 5280MHz											
DFS Detection Trials ( 1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
<b>5270(F<sub>L</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
5271	1	1	1	1	1	1	1	1	1	1	100 %
5272	1	1	1	1	1	1	1	1	1	1	100 %
5273	1	1	1	1	1	1	1	1	1	1	100 %
5274	1	1	1	1	1	1	1	1	1	1	100 %
5275	1	1	1	1	1	1	1	1	1	1	100 %
<b>5280</b>	1	1	1	1	1	1	1	1	1	1	100 %
5285	1	1	1	1	1	1	1	1	1	1	100 %
5286	1	1	1	1	1	1	1	1	1	1	100 %
5287	1	1	1	1	1	1	1	1	1	1	100 %
5288	1	1	1	1	1	1	1	1	1	1	100 %
5289	1	1	1	1	1	1	1	1	1	1	100 %
<b>5290(F<sub>H</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
<b>Detection Bandwidth = F<sub>H</sub> - F<sub>L</sub> = 5290-5270 = 20 MHz</b>											
<b>EUT 99% BW = 17.76 MHz;</b>											<b>Result: Pass</b>

40MHz Bandwidth, EUT Frequency = 5270 MHz											
DFS Detection Trials ( 1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
<b>5250(F<sub>L</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
5251	1	1	1	1	1	1	1	1	1	1	100 %
5252	1	1	1	1	1	1	1	1	1	1	100 %
5253	1	1	1	1	1	1	1	1	1	1	100 %
5254	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 %
<b>5270</b>	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 %
5286	1	1	1	1	1	1	1	1	1	1	100 %
5287	1	1	1	1	1	1	1	1	1	1	100 %
5288	1	1	1	1	1	1	1	1	1	1	100 %
5289	1	1	1	1	1	1	1	1	1	1	100 %
<b>5290(F<sub>H</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
<b>Detection Bandwidth</b> = F <sub>H</sub> – F <sub>L</sub> = 5290-5250 = 40 MHz											
<b>EUT 99% BW</b> = 36.32 MHz;										<b>Result:</b> Pass	

80MHz Bandwidth, EUT Frequency = 5290 MHz											
DFS Detection Trials ( 1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
<b>5251(F<sub>L</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
5252	1	1	1	1	1	1	1	1	1	1	100 %
5253	1	1	1	1	1	1	1	1	1	1	100 %
5254	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 %
<b>5290</b>	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 %
5326	1	1	1	1	1	1	1	1	1	1	100 %
5327	1	1	1	1	1	1	1	1	1	1	100 %
5328	1	1	1	1	1	1	1	1	1	1	100 %
5329	1	1	1	1	1	1	1	1	1	1	100 %
<b>5330(F<sub>H</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
<b>Detection Bandwidth = F<sub>H</sub> - F<sub>L</sub> = 5330-5251 = 79 MHz</b>											
<b>EUT 99% BW = 75.84 MHz;</b>											<b>Result: Pass</b>

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 (%)
<b>5491(F<sub>L</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
5492	1	1	1	1	1	1	1	1	1	1	100 %
5493	1	1	1	1	1	1	1	1	1	1	100 %
5494	1	1	1	1	1	1	1	1	1	1	100 %
5495	1	1	1	1	1	1	1	1	1	1	100 %
<b>5500</b>	1	1	1	1	1	1	1	1	1	1	100 %
5505	1	1	1	1	1	1	1	1	1	1	100 %
5506	1	1	1	1	1	1	1	1	1	1	100 %
5507	1	1	1	1	1	1	1	1	1	1	100 %
5508	1	1	1	1	1	1	1	1	1	1	100 %
<b>5509(F<sub>H</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
<b>Detection Bandwidth</b> = $F_H - F_L = 5509 - 5491 = 18$ MHz											
<b>EUT 99% BW</b> = 17.68 MHz;											<b>Result:</b> Pass

40MHz Bandwidth, EUT Frequency = 5510 MHz											
DFS Detection Trials ( 1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
<b>5491(F<sub>L</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
5492	1	1	1	1	1	1	1	1	1	1	100 %
5493	1	1	1	1	1	1	1	1	1	1	100 %
5494	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 %
<b>5510</b>	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 %
5526	1	1	1	1	1	1	1	1	1	1	100 %
5527	1	1	1	1	1	1	1	1	1	1	100 %
5528	1	1	1	1	1	1	1	1	1	1	100 %
<b>5529(F<sub>H</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
<b>Detection Bandwidth</b> = F <sub>H</sub> – F <sub>L</sub> = 5529-5491 = 38 MHz											
<b>EUT 99% BW</b> = 36.32 MHz;										<b>Result:</b> 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 (%)
<b>5491(F<sub>L</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
5492	1	1	1	1	1	1	1	1	1	1	100 %
5493	1	1	1	1	1	1	1	1	1	1	100 %
5494	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 %
<b>5530</b>	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 %
5566	1	1	1	1	1	1	1	1	1	1	100 %
5567	1	1	1	1	1	1	1	1	1	1	100 %
5568	1	1	1	1	1	1	1	1	1	1	100 %
<b>5569(F<sub>H</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
<b>Detection Bandwidth</b> = F <sub>H</sub> – F <sub>L</sub> = 5569-5491 = 78 MHz											
<b>EUT 99% BW</b> = 75.84 MHz;											<b>Result: Pass</b>

80M+80M:  
5290MHz + 5530MHz

80MHz Bandwidth, EUT Frequency = 5290 MHz											
DFS Detection Trials ( 1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
<b>5250(F<sub>L</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
5251	1	1	1	1	1	1	1	1	1	1	100 %
5252	1	1	1	1	1	1	1	1	1	1	100 %
5253	1	1	1	1	1	1	1	1	1	1	100 %
5254	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 %
<b>5290</b>	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 %
5326	1	1	1	1	1	1	1	1	1	1	100 %
5327	1	1	1	1	1	1	1	1	1	1	100 %
5328	1	1	1	1	1	1	1	1	1	1	100 %
5329	1	1	1	1	1	1	1	1	1	1	100 %
<b>5330(F<sub>H</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
<b>Detection Bandwidth = F<sub>H</sub> - F<sub>L</sub> = 5330-5251 = 79 MHz</b>											
<b>EUT 99% BW = 75.84 MHz;</b>											<b>Result: Pass</b>

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 (%)
<b>5491(F<sub>L</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
5492	1	1	1	1	1	1	1	1	1	1	100 %
5493	1	1	1	1	1	1	1	1	1	1	100 %
5494	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 %
<b>5530</b>	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 %
5566	1	1	1	1	1	1	1	1	1	1	100 %
5567	1	1	1	1	1	1	1	1	1	1	100 %
5568	1	1	1	1	1	1	1	1	1	1	100 %
<b>5569(F<sub>H</sub>)</b>	1	0	1	1	1	1	1	1	1	1	90 %
<b>Detection Bandwidth = F<sub>H</sub> – F<sub>L</sub> = 5569-5491 = 78 MHz</b>											
<b>EUT 99% BW = 75.84 MHz;</b>											<b>Result: Pass</b>

5530MHz + 5610MHz

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 (%)
<b>5491(F<sub>L</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
5492	1	1	1	1	1	1	1	1	1	1	100 %
5493	1	1	1	1	1	1	1	1	1	1	100 %
5494	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 %
<b>5530</b>	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 %
5566	1	1	1	1	1	1	1	1	1	1	100 %
5567	1	1	1	1	1	1	1	1	1	1	100 %
5568	1	1	1	1	1	1	1	1	1	1	100 %
<b>5569(F<sub>H</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
<b>Detection Bandwidth = F<sub>H</sub> – F<sub>L</sub> = 5569-5491 = 78 MHz</b>											
<b>EUT 99% BW = 75.84 MHz;</b>											<b>Result: Pass</b>

80MHz Bandwidth, EUT Frequency = 5610 MHz											
DFS Detection Trials ( 1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
<b>5570(F<sub>L</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
5571	1	1	1	1	1	1	1	1	1	1	100 %
5572	1	1	1	1	1	1	1	1	1	1	100 %
5573	1	1	1	1	1	1	1	1	1	1	100 %
5574	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 %
<b>5610</b>	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 %
5646	1	1	1	1	1	1	1	1	1	1	100 %
5647	1	1	1	1	1	1	1	1	1	1	100 %
<b>5648(F<sub>H</sub>)</b>	1	1	1	1	1	1	1	1	1	1	100 %
<b>Detection Bandwidth = F<sub>H</sub> - F<sub>L</sub> = 5569-5491 = 78 MHz</b>											
<b>EUT 99% BW = 75.84 MHz;</b>											<b>Result: Pass</b>

## STATISTICAL PERFORMANCE CHECK

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### 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).

**Result:****Radio 0, 5270-5290MHz, 20MHz,**

<b>Radar SignalType</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A</b>	15	100%	60%	pass
<b>Type 1B</b>	15	100%	60%	pass
<b>Type 2</b>	30	100 %	60%	Pass
<b>Type 3</b>	30	96.7 %	60%	Pass
<b>Type 4</b>	30	100 %	60%	Pass
<b>Aggregate(Type1 to 4)</b>	120	99.2 %	80%	Pass
<b>Type 5</b>	30	90 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

Please refer to the following statistical tables:

**5280MHz****Radar Type 1A Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5280	70	1	758	1
2	5280	89	1	598	1
3	5280	63	1	838	1
4	5280	72	1	738	1
5	5280	18	1	3066	1
6	5280	86	1	618	1
7	5280	78	1	678	1
8	5280	57	1	938	1
9	5280	65	1	818	1
10	5280	58	1	918	1
11	5280	62	1	858	1
12	5280	92	1	578	1
13	5280	83	1	638	1
14	5280	61	1	878	1
15	5280	76	1	698	1
Detection Percentage: 100 % (>60%)					

**Radar Type 1B Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5280	42	1	1270	1
2	5280	34	1	1596	1
3	5280	23	1	2377	1
4	5280	41	1	1300	1
5	5280	29	1	1843	1
6	5280	42	1	1261	1
7	5280	27	1	2023	1
8	5280	22	1	2489	1
9	5280	41	1	1304	1
10	5280	19	1	2850	1
11	5280	32	1	1701	1
12	5280	27	1	2029	1
13	5280	21	1	2514	1
14	5280	39	1	1375	1
15	5280	20	1	2728	1
Detection Percentage: 100 % (>60%)					



**Radar Type 2 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5280	26	1.4	150	1
2	5280	23	2.5	193	1
3	5280	24	1.1	195	1
4	5280	26	3.2	217	1
5	5280	25	1.9	182	1
6	5280	27	1.5	230	1
7	5280	26	2.9	208	1
8	5280	23	4.8	211	1
9	5280	25	5	222	1
10	5280	25	4.7	162	1
11	5280	24	2.8	226	1
12	5280	23	4.1	229	1
13	5280	29	2.3	159	1
14	5280	29	3.6	203	1
15	5280	26	3.3	229	1
16	5280	28	2.4	190	1
17	5280	29	1.3	206	1
18	5280	25	3.3	195	1
19	5280	23	1.8	205	1
20	5280	25	4.2	199	1
21	5280	27	1.6	192	1
22	5280	24	2.3	224	1
23	5280	27	1.9	199	1
24	5280	29	4.8	187	1
25	5280	26	2.1	211	1
26	5280	26	4	196	1
27	5280	27	4.9	163	1
28	5280	26	1.1	227	1
29	5280	28	4.7	195	1
30	5280	26	2.9	227	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 3 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5280	17	6.3	350	1
2	5280	18	9.5	355	1
3	5280	18	8.5	244	1
4	5280	18	8.2	484	1
5	5280	18	9	233	1
6	5280	16	7.4	204	1
7	5280	18	7.8	243	1
8	5280	18	8.9	245	1
9	5280	17	7.2	395	1
10	5280	18	8.5	421	1
11	5280	17	8.7	400	0
12	5280	17	9.5	468	1
13	5280	16	8.9	223	1
14	5280	17	8.9	448	1
15	5280	17	9.9	392	1
16	5280	16	9	462	1
17	5280	18	6.1	463	1
18	5280	16	6.8	494	1
19	5280	16	7	212	1
20	5280	16	6.1	265	1
21	5280	16	6.9	483	1
22	5280	18	9.6	422	1
23	5280	17	6.8	314	1
24	5280	17	6.9	263	1
25	5280	18	6.5	489	1
26	5280	17	8.4	319	1
27	5280	17	7.6	412	1
28	5280	18	7.2	442	1
29	5280	16	9.7	239	1
30	5280	17	9.3	295	1
<b>Detection Percentage: 96.7 % (&gt;60%)</b>					

**Radar Type 4 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5280	16	15.3	343	1
2	5280	13	13.1	337	1
3	5280	12	14.4	382	1
4	5280	12	16	400	1
5	5280	13	19.4	233	1
6	5280	12	11.1	213	1
7	5280	14	19.8	227	1
8	5280	15	14.9	385	1
9	5280	13	15.4	469	1
10	5280	13	11.7	283	1
11	5280	13	12.1	347	1
12	5280	14	18.9	378	1
13	5280	13	19.3	354	1
14	5280	16	14.3	356	1
15	5280	16	19.3	352	1
16	5280	16	12.4	271	1
17	5280	13	12.6	291	1
18	5280	14	16.7	473	1
19	5280	13	18.8	397	1
20	5280	15	12.5	463	1
21	5280	13	14.5	363	1
22	5280	15	11.1	489	1
23	5280	13	11.7	261	1
24	5280	13	19.7	262	1
25	5280	15	19.1	475	1
26	5280	13	15.7	328	1
27	5280	12	13.8	233	1
28	5280	16	17.1	230	1
29	5280	12	19	457	1
30	5280	13	15.7	264	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 5 Statistical Performance**

Statistics 1 (ChirpCenter Frequency: 5280.0MHz)

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	6	93.6	1016	1334	0.293099	1
1	2	6	93.6	1438		1.103965	
2	2	6	80.3	1380		1.492278	
3	3	6	56.3	1477	1441	2.415898	
4	1	6	89.6			2.858593	
5	3	6	93.8	1774	1341	3.738897	
6	2	6	97.1	1837		4.034909	
7	2	6	65.1	1721		5.22402	
8	3	6	96.4	1182	1779	5.842465	
9	2	6	56.2	1625		6.547619	
10	2	6	88.5	1193		6.982913	
11	1	6	87.9			7.544834	
12	1	6	92.9			8.201533	
13	1	6	79.2			9.297638	
14	3	6	51.2	1545	1047	9.792893	
15	1	6	90.7			10.561419	
16	3	6	95.3	1855	1358	10.787862	
17	3	6	58.9	1926	1849	11.780641	

Statistics 2 (ChirpCenter Frequency: 5280.0 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	8	87			0.346671	1
1	1	8	92.9			1.712976	
2	2	8	67.5	1499		3.00718	
3	2	8	51.9	1451		5.787465	
4	1	8	92.1			6.436142	
5	2	8	57.4	1290		8.387178	
6	2	8	54.2	1641		10.094337	
7	2	8	71.3	1043		10.9268	

Statistics 3 (ChirpCenter Frequency: 5280.0 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	56.3			0.512593	1
1	2	11	74.3	1059		1.136891	
2	2	11	98	1156		2.510303	
3	2	11	53.9	1116		3.307602	
4	2	11	64.9	1138		4.005409	
5	3	11	55.5	1227	1175	5.327563	
6	3	11	90.5	1194	1815	5.984075	
7	1	11	76.3			7.157031	
8	2	11	99.5	1131		8.279938	
9	2	11	55.9	1069		8.872405	
10	2	11	81.8	1851		9.572784	
11	2	11	93.9	1494		10.212877	
12	2	11	58.4	1064		11.567518	

Statistics 4 (ChirpCenter Frequency: 5280.0 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	94.6	1353		0.832426	1
1	2	11	56.3	1419		1.306526	
2	1	11	59.3			1.969198	
3	2	11	87.9	1908		3.261689	
4	1	11	59.3			3.912243	
5	2	11	61.8	1292		5.139391	
6	2	11	53.8	1921		5.798036	
7	3	11	85.1	1542	1494	6.9263	
8	2	11	60.2	1384		8.146698	
9	2	11	88.1	1198		9.179143	
10	1	11	97.3			10.002933	
11	2	11	64	1351		10.979653	
12	2	11	83.7	1534		11.685085	

Statistics 5(ChirpCenter Frequency: 5280.0 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	1729		1.079143	1
1	1	15	75.1			1.65413	
2	1	15	79.1			2.619159	
3	2	15	61.5	1626		4.019278	
4	3	15	65.5	1532	1101	4.81412	
5	2	15	68.3	1531		5.807727	
6	1	15	58.4			7.278872	
7	2	15	55.3	1441		8.376224	
8	2	15	89.3	1272		9.015037	
9	2	15	98.9	1112		9.905718	
10	1	15	89.1			11.334208	

Statistics 6 (ChirpCenter Frequency: 5280.0 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	77			0.553813	0
1	2	7	69.2	1976		1.4643	
2	2	7	76.7	1138		1.776078	
3	3	7	74	1353	1415	2.985473	
4	1	7	77.3			3.835687	
5	3	7	98.6	1192	1055	4.377306	
6	3	7	51.7	1821	1231	5.412409	
7	2	7	92.9	1175		6.038276	
8	1	7	85.9			7.146343	
9	3	7	72.9	1738	1934	8.4563	
10	2	7	82.4	1570		9.078704	
11	2	7	50.1	1544		9.919996	
12	2	7	60.9	1739		10.46517	
13	1	7	95.2			11.455655	

## Statistics 7(ChirpCenter Frequency: 5280.0 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	86.1			0.885938	1
1	3	6	77.2	1591	1162	1.235769	
2	3	6	84.8	1620	1175	2.570843	
3	3	6	96.9	1335	1367	4.347495	
4	2	6	72.4	1080		5.213687	
5	3	6	57.3	1900	1661	5.954523	
6	2	6	99.5	1545		7.551016	
7	2	6	71.4	1917		8.185794	
8	3	6	70.7	1346	1831	9.751509	
9	2	6	62.7	1906		10.587403	
10	2	6	50.7	1885		11.037331	

## Statistics 8 (ChirpCenter Frequency: 5280.0 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	64.8	1555		0.070462	1
1	2	9	77.9	1164		1.336146	
2	2	9	96.1	1205		1.852457	
3	2	9	74.2	1634		2.423298	
4	3	9	81.9	1365	1432	3.038198	
5	2	9	80.7	1204		4.214143	
6	2	9	82.4	1030		4.511203	
7	3	9	96.3	1993	1896	5.896867	
8	2	9	84.5	1744		6.132302	
9	2	9	62.9	1602		6.763972	
10	1	9	81			7.775537	
11	2	9	80.2	1089		8.691898	
12	2	9	95.2	1054		9.669539	
13	2	9	59.6	1850		10.165369	
14	2	9	99.3	1865		10.97344	
15	2	9	53.2	1790		11.30135	

## Statistics 9 (ChirpCenter Frequency: 5280.0 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	98.8	1126		0.618669	1
1	3	6	55.8	1707	1804	1.260478	
2	1	6	58.9			2.49486	
3	2	6	77.2	1403		3.691403	
4	3	6	96.7	1521	1409	5.023122	
5	3	6	51.3	1395	1070	6.302478	
6	2	6	83	1060		7.042231	
7	3	6	53.6	1228	1822	8.33744	
8	2	6	86.5	1945		9.568812	
9	3	6	58.4	1480	1540	9.870334	
10	1	6	67.4			11.82842	

## Statistics 10 (ChirpCenter Frequency: 5280.0 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	12	91	1095	1976	0.93465	1
1	2	12	69.8	1776		2.596402	
2	2	12	89.1	1592		3.13147	
3	3	12	89.3	1541	1814	5.896367	
4	2	12	87.9	1038		7.430135	
5	2	12	57.2	1623		8.528623	
6	3	12	83.8	1330	1955	9.544245	
7	3	12	78.7	1167	1876	11.229289	



## Statistics 11 (ChirpCenter Frequency: 5274.0 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	65.5	1581	1648	1.055587	1
1	2	10	89.2	1526		1.701556	
2	1	10	55.3			3.922654	
3	3	10	90.1	1960	1461	4.549947	
4	1	10	66.8			5.518241	
5	2	10	84.2	1550		7.293965	
6	1	10	97.6			8.651642	
7	1	10	90.5			10.145734	
8	1	10	78.9			11.165203	

## Statistics 12 (ChirpCenter Frequency: 5273.0 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	77.9	1783		0.874073	1
1	3	7	72.2	1263	1887	1.154105	
2	2	7	60.6	1864		2.34275	
3	2	7	86.8	1667		3.021043	
4	2	7	88.8	1713		4.680803	
5	3	7	52.5	1124	1484	5.8251	
6	1	7	54.6			6.388909	
7	1	7	52.4			7.210271	
8	2	7	69.5	1198		8.283581	
9	2	7	67.8	1175		9.562959	
10	2	7	92.1	1572		10.173955	
11	2	7	90	1617		11.459467	

## Statistics 13 (ChirpCenter Frequency: 5272.0 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	62.2			0.86111	1
1	3	6	80.4	1255	1141	2.368956	
2	3	6	86.1	1372	1734	2.797355	
3	2	6	70.4	1917		5.232676	
4	2	6	99	1101		6.563216	
5	1	6	51.5			7.195426	
6	2	6	54	1088		8.02953	
7	3	6	94.2	1662	1412	10.591291	
8	1	6	83.8			11.38032	

## Statistics 14 (ChirpCenter Frequency: 5273.0 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	79.2	1086		0.404784	1
1	2	8	60	1330		0.649938	
2	2	8	93.8	1766		1.274768	
3	3	8	90.9	1396	1063	2.166308	
4	1	8	62.7			2.821981	
5	2	8	86.4	1612		3.204489	
6	1	8	72.9			4.155104	
7	2	8	67.8	1157		4.664825	
8	3	8	59.2	1004	1168	5.103125	
9	3	8	82.1	1403	1634	5.702411	
10	1	8	99.5			6.708612	
11	2	8	93.9	1704		7.269523	
12	1	8	51.4			7.650065	
13	3	8	95.2	1227	1475	8.219313	
14	1	8	71.7			9.304726	
15	2	8	57.6	1294		9.706284	
16	1	8	59.1			10.385133	
17	1	8	58.4			11.246531	
18	3	8	89.7	1052	1754	11.435712	

Statistics 15 (ChirpCenter Frequency: 5272.0 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	93.1	1035		0.336049	1
1	2	5	64.9	1906		1.206058	
2	2	5	60.9	1037		3.165704	
3	3	5	50	1222	1543	4.05565	
4	1	5	90.8			5.692793	
5	2	5	59.7	1840		6.106198	
6	1	5	88.5			8.188199	
7	2	5	60.7	1839		9.20223	
8	2	5	68.3	1078		10.474659	
9	2	5	93.6	1064		11.816162	

Statistics 16 (ChirpCenter Frequency: 5272.0 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	90	1309		0.182444	1
1	1	5	75.1			1.049841	
2	1	5	66.3			1.795384	
3	1	5	54.6			2.434992	
4	3	5	93.9	1993	1474	3.025728	
5	2	5	87.2	1798		3.321216	
6	2	5	93.6	1438		3.836936	
7	2	5	65.8	1272		4.528985	
8	2	5	92.6	1822		5.068583	
9	3	5	59	1069	1781	5.796038	
10	3	5	63.1	1262	1756	6.782823	
11	3	5	89.1	1973	1020	6.969601	
12	2	5	75.7	1418		8.070624	
13	3	5	85.1	1580	1305	8.44813	
14	3	5	80.8	1444	1738	8.93078	
15	2	5	83.7	1399		9.601122	
16	3	5	55.1	1699	1141	10.45625	
17	1	5	92.2			10.949961	
18	3	5	83.6	1883	1518	11.409481	

Statistics 17 (ChirpCenter Frequency: 5273.0 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	66.3	1392	1439	0.582087	1
1	2	7	79.6	1898		1.311247	
2	2	7	55.4	1609		2.168368	
3	2	7	61.5	1750		2.336734	
4	2	7	74.7	1995		3.31374	
5	1	7	57.4			3.865376	
6	2	7	79.9	1083		4.997396	
7	3	7	63.4	1744	1912	5.987539	
8	3	7	95.5	1850	1531	6.110491	
9	1	7	99.7			7.143884	
10	3	7	64.1	1247	1431	7.657604	
11	3	7	94.7	1479	1754	8.844474	
12	1	7	64.1			9.726957	
13	2	7	62.4	1244		9.904725	
14	1	7	66			10.762608	
15	2	7	65.1	1781		11.763273	

Statistics 18 (ChirpCenter Frequency: 5274.0 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	89.1			0.840731	0
1	1	11	72			1.063033	
2	3	11	63.5	1364	1101	2.36607	
3	2	11	51.7	1513		3.640388	
4	1	11	58.5			4.175244	
5	1	11	88.1			4.788105	
6	3	11	82.3	1133	1035	5.742977	
7	2	11	74.1	1488		6.523796	
8	2	11	87.6	1918		7.441502	
9	3	11	50.4	1828	1300	8.832386	
10	2	11	96	1617		9.502166	
11	1	11	71.4			10.186951	
12	3	11	58.9	1249	1243	11.158051	

Statistics 19 (ChirpCenter Frequency: 5274.0 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	59.2			0.648804	1
1	2	9	82.7	1080		1.031093	
2	3	9	76.1	1510	1370	1.369149	
3	1	9	70.9			2.077521	
4	1	9	71			3.064052	
5	3	9	87	1390	1011	3.678478	
6	2	9	59.4	1179		4.322072	
7	1	9	81.3			5.110709	
8	1	9	89.5			5.896187	
9	2	9	94.9	1552		6.402296	
10	1	9	62			6.950857	
11	3	9	90.3	1723	1668	7.789299	
12	2	9	97.8	1923		8.070152	
13	1	9	59.2			8.973838	
14	1	9	52.3			9.688399	
15	3	9	97.2	1974	1628	10.521067	
16	2	9	82.2	1471		10.855758	
17	3	9	88.1	1446	1979	11.93541	

Statistics 20 (ChirpCenter Frequency: 5274.0 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	89.8	1551		1.210145	0
1	1	11	54.1			2.045563	
2	1	11	60.9			3.557237	
3	3	11	98.7	1458	1572	5.116148	
4	2	11	59.9	1831		6.526728	
5	2	11	64.9	1371		6.932501	
6	3	11	76.9	1318	1215	8.54951	
7	1	11	88.2			10.210246	
8	2	11	67.1	1319		11.799236	

Statistics 21 (ChirpCenter Frequency: 5284.0 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	94.4			0.142706	1
1	3	16	94	1266	1125	0.906381	
2	2	16	99.1	1827		2.115744	
3	2	16	63.4	1191		2.833017	
4	3	16	94.6	1632	1671	3.141795	
5	1	16	75.3			4.090198	
6	1	16	98.5			4.530452	
7	2	16	75.7	1820		5.788315	
8	2	16	65.3	1737		6.517105	
9	2	16	68.1	1285		7.195038	
10	1	16	83.7			8.001783	
11	3	16	64.5	1160	1674	8.959305	
12	1	16	70.2			9.388264	
13	2	16	58.6	1452		9.930847	
14	1	16	52			11.18996	
15	2	16	50.5	1280		11.854581	

Statistics 22 (ChirpCenter Frequency: 5285.0 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	12	73.5	1809	1412	0.576881	1
1	1	12	59.1			2.350346	
2	1	12	90.6			2.688239	
3	2	12	77.7	1478		4.510797	
4	1	12	76.2			5.812634	
5	2	12	93	1674		7.790063	
6	2	12	57.9	1398		8.421476	
7	2	12	67.4	1339		9.600412	
8	1	12	80			10.969961	

Statistics 23 (ChirpCenter Frequency: 5287.0 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	8	90.9			0.583316	1
1	3	8	54.7	1569	1586	1.328157	
2	2	8	56.7	1226		1.613129	
3	2	8	97.5	1874		2.313724	
4	1	8	70.2			3.105566	
5	2	8	76.5	1754		3.977375	
6	2	8	58.4	1290		4.312248	
7	2	8	67.9	1795		5.259719	
8	3	8	71.7	1771	1637	5.92764	
9	2	8	57.8	1908		6.949834	
10	1	8	51.7			7.660821	
11	2	8	97.8	1465		8.107311	
12	2	8	67.8	1111		8.754517	
13	2	8	68.6	1995		9.702654	
14	1	8	55.6			10.580506	
15	2	8	93.8	1123		10.970744	
16	2	8	53.2	1106		11.681732	

Statistics 24 (ChirpCenter Frequency: 5283.0 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	18	65.4	1644	1954	0.147152	1
1	2	18	82.8	1431		0.865318	
2	2	18	63.5	1413		2.17613	
3	3	18	92.1	1056	1653	2.881687	
4	2	18	54.3	1264		3.093513	
5	2	18	67.6	1742		4.036567	
6	2	18	94.3	1391		5.171075	
7	3	18	88.7	1946	1989	5.296047	
8	1	18	76.2			6.609296	
9	1	18	77.2			7.221631	
10	1	18	64.1			8.004712	
11	3	18	60.8	1141	1648	8.927546	
12	2	18	62.7	1053		9.570561	
13	3	18	92.8	1217	1384	10.344679	
14	1	18	73.8			11.165408	
15	1	18	52.6			11.809945	

## Statistics 25 (ChirpCenter Frequency: 5285.0 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	94.3			0.480055	1
1	2	12	93.3	1542		1.92836	
2	2	12	99.3	1481		2.550943	
3	1	12	93.4			3.435364	
4	2	12	89.6	1863		4.449341	
5	2	12	58.6	1661		5.498636	
6	3	12	88.1	1020	1611	6.840373	
7	1	12	71.8			8.306269	
8	3	12	84.7	1221	1201	9.267499	
9	1	12	72.4			10.021715	
10	1	12	68			11.053607	

## Statistics 26 (ChirpCenter Frequency: 5287.0 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	89.7	1248	1871	0.188966	1
1	3	7	63.2	1500	1925	1.784173	
2	2	7	99.8	1745		2.286415	
3	2	7	74.1	1762		3.375349	
4	1	7	58.3			4.048804	
5	1	7	74.1			5.162602	
6	2	7	68.8	1104		6.294593	
7	2	7	62.5	1869		7.975737	
8	1	7	85			8.037244	
9	1	7	99.8			9.146805	
10	3	7	63.4	1672	1057	10.440563	
11	2	7	84.9	1087		11.653961	



Statistics 27 (ChirpCenter Frequency: 5287.0 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	66.6	1083	1589	0.182564	1
1	2	8	69.4	1873		1.14325	
2	2	8	54.5	1407		1.741013	
3	1	8	58.2			2.054018	
4	2	8	66	1600		3.143396	
5	2	8	89.9	1704		3.452736	
6	3	8	66.3	1065	1294	4.139334	
7	3	8	70.5	1120	1400	4.739402	
8	2	8	97.3	1167		5.778869	
9	2	8	76.1	1100		6.651933	
10	2	8	85.7	1272		7.121449	
11	2	8	89.7	1351		7.445975	
12	2	8	56.5	1778		8.268744	
13	2	8	68.6	1839		8.96644	
14	2	8	69.5	1606		9.567434	
15	3	8	86.7	1184	1067	10.59466	
16	2	8	68.2	1561		10.743679	
17	2	8	58.3	1107		11.557338	

Statistics 28 (ChirpCenter Frequency: 5288.0 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	50.3	1426		1.161246	1
1	2	6	98.8	1932		1.834842	
2	2	6	89.1	1746		3.277484	
3	2	6	95.9	1906		4.486285	
4	3	6	89.5	1256	1442	5.695963	
5	2	6	84.8	1826		6.939947	
6	2	6	97.4	1302		9.274199	
7	1	6	76			10.076816	
8	1	6	83.8			10.992823	

## Statistics 29 (ChirpCenter Frequency: 5285.0 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	54.7	1879		0.994296	1
1	2	13	70.4	1578		1.845794	
2	3	13	51.3	1120	1584	2.326183	
3	2	13	84.6	1547		4.013924	
4	2	13	81.4	1619		4.609402	
5	2	13	71.1	1072		5.739669	
6	3	13	75.9	1650	1081	7.568804	
7	2	13	56.9	1629		7.962339	
8	2	13	73	1447		9.116499	
9	3	13	63.2	1483	1777	10.077483	
10	2	13	51	1272		11.115562	

## Statistics 30 (ChirpCenter Frequency: 5286.0 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	59.7	1018		0.055661	1
1	2	9	50.1	1575		1.498748	
2	3	9	54.2	1870	1871	2.614421	
3	2	9	99.9	1809		3.478423	
4	2	9	59.7	1714		4.375261	
5	2	9	75.3	1357		6.148638	
6	3	9	61.9	1199	1891	6.78523	
7	2	9	68	1378		8.269754	
8	2	9	88.9	1196		9.638838	
9	2	9	69.8	1448		10.37351	
10	1	9	72.7			11.692594	

**Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence (MHz)
1	5280	9	1	333	1	5433.0, 5431.0, 5327.0, 5407.0, 5265.0, 5585.0, 5547.0, 5379.0, 5550.0, 5670.0, 5592.0, 5330.0, 5568.0, 5410.0, 5324.0, 5321.0, 5403.0, 5267.0, 5639.0, 5642.0, 5704.0, 5476.0, 5304.0, 5465.0, 5335.0, 5409.0, 5633.0, 5523.0, 5546.0, 5488.0, 5532.0, 5460.0, 5723.0, 5565.0, 5684.0, 5563.0, 5273.0, 5424.0, 5659.0, 5699.0, 5370.0, 5496.0, 5584.0, 5474.0, 5540.0, 5691.0, 5419.0, 5309.0, 5686.0, 5320.0, 5313.0, 5631.0, 5678.0, 5253.0, 5278.0, 5518.0, 5307.0, 5591.0, 5664.0, 5589.0, 5613.0, 5623.0, 5299.0, 5456.0, 5626.0, 5302.0, 5661.0, 5630.0, 5477.0, 5270.0, 5457.0, 5408.0, 5308.0, 5358.0, 5388.0, 5520.0, 5683.0, 5658.0, 5382.0, 5652.0, 5479.0, 5620.0, 5257.0, 5387.0, 5542.0, 5325.0, 5498.0, 5714.0, 5621.0, 5349.0, 5674.0, 5371.0, 5604.0, 5663.0, 5473.0, 5588.0, 5260.0, 5641.0, 5359.0, 5675.0
2	5280	9	1	333	1	5634.0, 5537.0, 5599.0, 5273.0, 5603.0, 5259.0, 5341.0, 5265.0, 5551.0, 5262.0, 5463.0, 5647.0, 5641.0, 5605.0, 5357.0, 5673.0, 5560.0, 5349.0, 5396.0, 5412.0, 5268.0, 5264.0, 5570.0, 5557.0, 5365.0, 5718.0, 5597.0, 5400.0, 5389.0, 5366.0, 5577.0, 5388.0, 5651.0, 5714.0, 5363.0, 5386.0, 5712.0, 5492.0, 5304.0, 5474.0, 5663.0, 5507.0, 5533.0, 5297.0, 5263.0, 5616.0, 5512.0, 5510.0, 5629.0, 5324.0, 5620.0, 5559.0, 5446.0, 5322.0, 5604.0, 5379.0, 5722.0, 5499.0, 5689.0, 5467.0, 5456.0, 5486.0, 5481.0, 5698.0, 5586.0, 5327.0, 5707.0, 5350.0, 5410.0, 5519.0, 5575.0, 5680.0, 5723.0, 5484.0, 5317.0, 5433.0, 5428.0, 5541.0, 5711.0, 5299.0, 5633.0, 5295.0, 5258.0, 5362.0, 5700.0, 5458.0, 5607.0, 5461.0, 5305.0, 5672.0, 5630.0, 5522.0, 5675.0, 5682.0, 5383.0, 5309.0, 5430.0, 5288.0, 5532.0, 5493.0
3	5280	9	1	333	1	5675.0, 5359.0, 5289.0, 5664.0, 5356.0, 5323.0, 5603.0, 5668.0, 5678.0, 5317.0, 5719.0, 5535.0, 5417.0, 5297.0, 5590.0, 5569.0, 5513.0, 5595.0, 5390.0, 5637.0, 5541.0, 5573.0, 5716.0, 5712.0, 5562.0, 5482.0, 5543.0, 5629.0, 5428.0, 5697.0, 5346.0, 5403.0, 5611.0, 5713.0, 5505.0, 5701.0, 5301.0, 5667.0, 5550.0, 5677.0, 5412.0, 5349.0, 5648.0, 5502.0, 5437.0, 5709.0, 5307.0, 5376.0, 5683.0, 5424.0, 5592.0, 5546.0, 5501.0, 5477.0, 5685.0, 5419.0, 5337.0, 5431.0, 5646.0, 5707.0, 5474.0, 5493.0, 5256.0, 5399.0, 5599.0

						5456.0, 5561.0, 5500.0, 5279.0, 5507.0, 5443.0, 5339.0, 5472.0, 5344.0, 5579.0, 5586.0, 5380.0, 5644.0, 5640.0, 5711.0, 5544.0, 5523.0, 5350.0, 5606.0, 5665.0, 5558.0, 5672.0, 5522.0, 5686.0, 5485.0, 5260.0, 5724.0, 5467.0, 5371.0, 5720.0, 5693.0, 5593.0, 5278.0, 5564.0, 5439.0
4	5280	9	1	333	1	5566.0, 5502.0, 5400.0, 5364.0, 5324.0, 5267.0, 5265.0, 5372.0, 5306.0, 5714.0, 5627.0, 5654.0, 5646.0, 5326.0, 5318.0, 5268.0, 5452.0, 5655.0, 5420.0, 5296.0, 5526.0, 5380.0, 5377.0, 5540.0, 5480.0, 5304.0, 5345.0, 5432.0, 5586.0, 5653.0, 5341.0, 5317.0, 5662.0, 5591.0, 5633.0, 5491.0, 5683.0, 5321.0, 5692.0, 5530.0, 5291.0, 5473.0, 5278.0, 5661.0, 5667.0, 5368.0, 5348.0, 5668.0, 5657.0, 5260.0, 5630.0, 5589.0, 5454.0, 5371.0, 5275.0, 5508.0, 5327.0, 5512.0, 5346.0, 5687.0, 5671.0, 5700.0, 5460.0, 5444.0, 5365.0, 5350.0, 5439.0, 5544.0, 5453.0, 5497.0, 5415.0, 5522.0, 5719.0, 5449.0, 5471.0, 5442.0, 5270.0, 5283.0, 5695.0, 5325.0, 5707.0, 5608.0, 5279.0, 5500.0, 5541.0, 5369.0, 5658.0, 5606.0, 5250.0, 5329.0, 5375.0, 5269.0, 5597.0, 5570.0, 5576.0, 5395.0, 5475.0, 5483.0, 5286.0, 5463.0
5	5280	9	1	333	1	5361.0, 5304.0, 5260.0, 5463.0, 5388.0, 5382.0, 5552.0, 5592.0, 5657.0, 5413.0, 5365.0, 5679.0, 5604.0, 5350.0, 5464.0, 5354.0, 5696.0, 5715.0, 5391.0, 5449.0, 5483.0, 5537.0, 5670.0, 5651.0, 5358.0, 5516.0, 5719.0, 5256.0, 5706.0, 5420.0, 5517.0, 5322.0, 5318.0, 5492.0, 5496.0, 5662.0, 5347.0, 5607.0, 5356.0, 5296.0, 5553.0, 5338.0, 5513.0, 5622.0, 5535.0, 5658.0, 5554.0, 5505.0, 5588.0, 5326.0, 5473.0, 5423.0, 5569.0, 5307.0, 5288.0, 5252.0, 5582.0, 5337.0, 5629.0, 5431.0, 5430.0, 5616.0, 5317.0, 5394.0, 5367.0, 5368.0, 5480.0, 5611.0, 5476.0, 5275.0, 5665.0, 5273.0, 5508.0, 5323.0, 5618.0, 5392.0, 5369.0, 5608.0, 5477.0, 5559.0, 5723.0, 5269.0, 5531.0, 5664.0, 5677.0, 5489.0, 5707.0, 5280.0, 5487.0, 5499.0, 5530.0, 5623.0, 5298.0, 5333.0, 5603.0, 5316.0, 5525.0, 5272.0, 5259.0, 5720.0
6	5280	9	1	333	1	5458.0, 5442.0, 5318.0, 5547.0, 5511.0, 5540.0, 5253.0, 5656.0, 5628.0, 5622.0, 5596.0, 5632.0, 5712.0, 5690.0, 5506.0, 5659.0, 5423.0, 5453.0, 5624.0, 5662.0, 5517.0, 5717.0, 5657.0, 5504.0, 5721.0, 5507.0, 5357.0, 5515.0, 5441.0, 5254.0, 5450.0, 5434.0, 5608.0, 5554.0, 5701.0, 5569.0, 5475.0, 5315.0, 5257.0, 5535.0, 5533.0, 5660.0, 5272.0, 5567.0, 5630.0, 5665.0, 5568.0, 5664.0, 5556.0, 5382.0, 5400.0, 5347.0, 5312.0, 5378.0, 5256.0, 5274.0, 5669.0, 5687.0, 5482.0, 5480.0, 5546.0, 5414.0, 5682.0, 5683.0, 5422.0,

						5398.0, 5384.0, 5564.0, 5703.0, 5551.0, 5591.0, 5586.0, 5714.0, 5646.0, 5429.0, 5530.0, 5407.0, 5381.0, 5493.0, 5548.0, 5573.0, 5310.0, 5282.0, 5710.0, 5356.0, 5520.0, 5267.0, 5543.0, 5426.0, 5337.0, 5479.0, 5552.0, 5516.0, 5643.0, 5390.0, 5594.0, 5409.0, 5364.0, 5618.0, 5525.0
7	5280	9	1	333	1	5423.0, 5306.0, 5710.0, 5457.0, 5489.0, 5640.0, 5450.0, 5350.0, 5419.0, 5492.0, 5359.0, 5310.0, 5649.0, 5663.0, 5648.0, 5405.0, 5329.0, 5721.0, 5357.0, 5422.0, 5532.0, 5361.0, 5292.0, 5705.0, 5407.0, 5554.0, 5629.0, 5687.0, 5297.0, 5403.0, 5501.0, 5467.0, 5488.0, 5536.0, 5506.0, 5320.0, 5664.0, 5518.0, 5596.0, 5385.0, 5435.0, 5349.0, 5351.0, 5637.0, 5439.0, 5267.0, 5409.0, 5330.0, 5396.0, 5665.0, 5251.0, 5720.0, 5600.0, 5331.0, 5380.0, 5366.0, 5321.0, 5328.0, 5702.0, 5261.0, 5548.0, 5690.0, 5701.0, 5404.0, 5670.0, 5592.0, 5257.0, 5309.0, 5537.0, 5521.0, 5288.0, 5616.0, 5481.0, 5546.0, 5335.0, 5367.0, 5562.0, 5498.0, 5424.0, 5542.0, 5491.0, 5303.0, 5540.0, 5662.0, 5352.0, 5316.0, 5641.0, 5474.0, 5494.0, 5508.0, 5278.0, 5573.0, 5295.0, 5425.0, 5277.0, 5327.0, 5436.0, 5531.0, 5659.0, 5615.0
8	5280	9	1	333	1	5388.0, 5279.0, 5649.0, 5269.0, 5525.0, 5711.0, 5587.0, 5307.0, 5549.0, 5405.0, 5517.0, 5423.0, 5690.0, 5470.0, 5632.0, 5263.0, 5539.0, 5310.0, 5652.0, 5355.0, 5260.0, 5721.0, 5312.0, 5438.0, 5304.0, 5657.0, 5512.0, 5413.0, 5385.0, 5316.0, 5261.0, 5560.0, 5452.0, 5257.0, 5486.0, 5559.0, 5643.0, 5629.0, 5281.0, 5638.0, 5703.0, 5665.0, 5456.0, 5256.0, 5299.0, 5566.0, 5714.0, 5472.0, 5264.0, 5495.0, 5581.0, 5497.0, 5251.0, 5500.0, 5717.0, 5318.0, 5262.0, 5537.0, 5439.0, 5589.0, 5691.0, 5628.0, 5658.0, 5706.0, 5368.0, 5428.0, 5702.0, 5254.0, 5297.0, 5484.0, 5424.0, 5710.0, 5715.0, 5265.0, 5529.0, 5699.0, 5519.0, 5386.0, 5693.0, 5410.0, 5574.0, 5270.0, 5522.0, 5675.0, 5393.0, 5398.0, 5255.0, 5403.0, 5441.0, 5354.0, 5655.0, 5394.0, 5684.0, 5280.0, 5518.0, 5461.0, 5713.0, 5387.0, 5618.0, 5379.0
9	5280	9	1	333	1	5335.0, 5635.0, 5573.0, 5336.0, 5464.0, 5428.0, 5283.0, 5663.0, 5260.0, 5666.0, 5486.0, 5495.0, 5338.0, 5512.0, 5478.0, 5524.0, 5272.0, 5540.0, 5353.0, 5450.0, 5442.0, 5446.0, 5702.0, 5292.0, 5554.0, 5506.0, 5268.0, 5412.0, 5418.0, 5304.0, 5316.0, 5693.0, 5367.0, 5432.0, 5481.0, 5543.0, 5400.0, 5380.0, 5664.0, 5681.0, 5671.0, 5662.0, 5332.0, 5407.0, 5350.0, 5279.0, 5314.0, 5712.0, 5610.0, 5250.0, 5669.0, 5620.0, 5342.0, 5461.0, 5396.0, 5255.0, 5649.0, 5532.0, 5520.0, 5586.0, 5360.0, 5549.0, 5631.0, 5511.0, 5655.0,

						5467.0, 5564.0, 5254.0, 5553.0, 5571.0, 5485.0, 5704.0, 5695.0, 5523.0, 5399.0, 5374.0, 5455.0, 5347.0, 5359.0, 5613.0, 5302.0, 5715.0, 5308.0, 5581.0, 5648.0, 5287.0, 5542.0, 5460.0, 5686.0, 5297.0, 5315.0, 5680.0, 5708.0, 5718.0, 5354.0, 5604.0, 5411.0, 5259.0, 5536.0, 5584.0
10	5280	9	1	333	1	5595.0, 5609.0, 5660.0, 5344.0, 5417.0, 5299.0, 5352.0, 5285.0, 5269.0, 5685.0, 5510.0, 5527.0, 5449.0, 5547.0, 5517.0, 5519.0, 5707.0, 5342.0, 5268.0, 5491.0, 5412.0, 5653.0, 5447.0, 5713.0, 5663.0, 5423.0, 5637.0, 5590.0, 5399.0, 5580.0, 5540.0, 5472.0, 5692.0, 5481.0, 5665.0, 5568.0, 5712.0, 5500.0, 5662.0, 5390.0, 5347.0, 5721.0, 5321.0, 5684.0, 5387.0, 5694.0, 5599.0, 5478.0, 5538.0, 5464.0, 5604.0, 5414.0, 5644.0, 5565.0, 5270.0, 5492.0, 5640.0, 5336.0, 5450.0, 5513.0, 5630.0, 5536.0, 5410.0, 5591.0, 5338.0, 5675.0, 5364.0, 5420.0, 5319.0, 5594.0, 5305.0, 5535.0, 5697.0, 5281.0, 5524.0, 5430.0, 5584.0, 5562.0, 5654.0, 5505.0, 5367.0, 5569.0, 5261.0, 5564.0, 5366.0, 5702.0, 5282.0, 5329.0, 5638.0, 5435.0, 5251.0, 5563.0, 5279.0, 5648.0, 5426.0, 5680.0, 5383.0, 5621.0, 5433.0, 5549.0
11	5280	9	1	333	1	5257.0, 5477.0, 5331.0, 5556.0, 5594.0, 5425.0, 5638.0, 5467.0, 5353.0, 5581.0, 5667.0, 5303.0, 5390.0, 5460.0, 5532.0, 5613.0, 5617.0, 5540.0, 5686.0, 5416.0, 5312.0, 5661.0, 5525.0, 5348.0, 5474.0, 5334.0, 5630.0, 5453.0, 5357.0, 5514.0, 5586.0, 5636.0, 5643.0, 5472.0, 5431.0, 5691.0, 5488.0, 5592.0, 5648.0, 5427.0, 5702.0, 5320.0, 5512.0, 5451.0, 5690.0, 5414.0, 5351.0, 5652.0, 5719.0, 5510.0, 5607.0, 5489.0, 5711.0, 5262.0, 5476.0, 5264.0, 5452.0, 5633.0, 5670.0, 5267.0, 5413.0, 5580.0, 5542.0, 5578.0, 5491.0, 5302.0, 5289.0, 5286.0, 5360.0, 5298.0, 5622.0, 5270.0, 5649.0, 5326.0, 5309.0, 5655.0, 5703.0, 5344.0, 5511.0, 5454.0, 5509.0, 5584.0, 5367.0, 5575.0, 5632.0, 5394.0, 5570.0, 5554.0, 5490.0, 5370.0, 5545.0, 5646.0, 5280.0, 5301.0, 5387.0, 5307.0, 5693.0, 5574.0, 5356.0, 5710.0
12	5280	9	1	333	1	5396.0, 5528.0, 5401.0, 5711.0, 5537.0, 5343.0, 5332.0, 5339.0, 5535.0, 5394.0, 5518.0, 5578.0, 5378.0, 5305.0, 5345.0, 5611.0, 5254.0, 5403.0, 5252.0, 5508.0, 5698.0, 5446.0, 5314.0, 5679.0, 5484.0, 5623.0, 5448.0, 5356.0, 5604.0, 5638.0, 5363.0, 5500.0, 5580.0, 5627.0, 5650.0, 5295.0, 5629.0, 5543.0, 5346.0, 5280.0, 5491.0, 5567.0, 5714.0, 5250.0, 5573.0, 5442.0, 5272.0, 5480.0, 5625.0, 5472.0, 5690.0, 5715.0, 5553.0, 5358.0, 5384.0, 5411.0, 5581.0, 5299.0, 5607.0, 5702.0, 5668.0, 5468.0, 5265.0, 5273.0, 5560.0

						5429.0, 5713.0, 5509.0, 5457.0, 5398.0, 5355.0, 5666.0, 5546.0, 5517.0, 5420.0, 5669.0, 5368.0, 5373.0, 5667.0, 5639.0, 5695.0, 5467.0, 5471.0, 5433.0, 5506.0, 5458.0, 5504.0, 5395.0, 5435.0, 5519.0, 5527.0, 5502.0, 5588.0, 5437.0, 5655.0, 5317.0, 5534.0, 5642.0, 5383.0, 5372.0
13	5280	9	1	333	1	5546.0, 5648.0, 5361.0, 5357.0, 5582.0, 5372.0, 5666.0, 5520.0, 5519.0, 5416.0, 5410.0, 5647.0, 5449.0, 5694.0, 5252.0, 5695.0, 5348.0, 5370.0, 5584.0, 5342.0, 5552.0, 5325.0, 5296.0, 5430.0, 5548.0, 5673.0, 5273.0, 5282.0, 5528.0, 5283.0, 5309.0, 5294.0, 5682.0, 5617.0, 5454.0, 5312.0, 5477.0, 5627.0, 5614.0, 5602.0, 5555.0, 5683.0, 5366.0, 5716.0, 5559.0, 5597.0, 5453.0, 5655.0, 5640.0, 5297.0, 5382.0, 5480.0, 5329.0, 5653.0, 5596.0, 5671.0, 5269.0, 5409.0, 5628.0, 5384.0, 5642.0, 5415.0, 5287.0, 5495.0, 5423.0, 5271.0, 5512.0, 5323.0, 5641.0, 5566.0, 5684.0, 5661.0, 5463.0, 5268.0, 5629.0, 5465.0, 5667.0, 5603.0, 5672.0, 5310.0, 5420.0, 5285.0, 5589.0, 5492.0, 5527.0, 5280.0, 5411.0, 5346.0, 5498.0, 5719.0, 5344.0, 5541.0, 5508.0, 5665.0, 5698.0, 5526.0, 5544.0, 5402.0, 5460.0, 5635.0
14	5280	9	1	333	1	5354.0, 5655.0, 5540.0, 5267.0, 5550.0, 5491.0, 5623.0, 5264.0, 5580.0, 5257.0, 5277.0, 5461.0, 5287.0, 5384.0, 5670.0, 5465.0, 5604.0, 5343.0, 5389.0, 5464.0, 5639.0, 5329.0, 5332.0, 5305.0, 5420.0, 5351.0, 5296.0, 5681.0, 5333.0, 5531.0, 5293.0, 5439.0, 5447.0, 5656.0, 5433.0, 5395.0, 5614.0, 5551.0, 5428.0, 5543.0, 5721.0, 5717.0, 5437.0, 5448.0, 5410.0, 5567.0, 5564.0, 5330.0, 5713.0, 5648.0, 5273.0, 5382.0, 5561.0, 5281.0, 5547.0, 5299.0, 5427.0, 5651.0, 5446.0, 5259.0, 5300.0, 5593.0, 5404.0, 5484.0, 5380.0, 5489.0, 5431.0, 5702.0, 5294.0, 5430.0, 5644.0, 5423.0, 5649.0, 5413.0, 5371.0, 5646.0, 5691.0, 5535.0, 5502.0, 5661.0, 5620.0, 5520.0, 5696.0, 5356.0, 5386.0, 5355.0, 5304.0, 5526.0, 5266.0, 5690.0, 5618.0, 5689.0, 5704.0, 5555.0, 5629.0, 5364.0, 5415.0, 5403.0, 5444.0, 5503.0
15	5280	9	1	333	1	5557.0, 5258.0, 5418.0, 5536.0, 5591.0, 5682.0, 5575.0, 5256.0, 5255.0, 5435.0, 5295.0, 5587.0, 5700.0, 5273.0, 5709.0, 5305.0, 5276.0, 5477.0, 5586.0, 5421.0, 5394.0, 5284.0, 5457.0, 5403.0, 5615.0, 5630.0, 5650.0, 5474.0, 5451.0, 5277.0, 5502.0, 5578.0, 5431.0, 5347.0, 5600.0, 5401.0, 5379.0, 5311.0, 5460.0, 5689.0, 5301.0, 5333.0, 5714.0, 5280.0, 5262.0, 5392.0, 5475.0, 5577.0, 5483.0, 5608.0, 5518.0, 5681.0, 5370.0, 5417.0, 5515.0, 5373.0, 5717.0, 5629.0, 5519.0, 5330.0, 5641.0, 5261.0, 5382.0, 5547.0, 5288.0,

						5631.0, 5712.0, 5501.0, 5503.0, 5320.0, 5312.0, 5548.0, 5638.0, 5318.0, 5498.0, 5657.0, 5546.0, 5315.0, 5481.0, 5639.0, 5490.0, 5449.0, 5321.0, 5299.0, 5499.0, 5525.0, 5359.0, 5524.0, 5724.0, 5507.0, 5357.0, 5645.0, 5396.0, 5377.0, 5360.0, 5634.0, 5540.0, 5588.0, 5375.0, 5365.0
16	5280	9	1	333	1	5359.0, 5639.0, 5323.0, 5567.0, 5400.0, 5587.0, 5421.0, 5300.0, 5654.0, 5322.0, 5700.0, 5280.0, 5576.0, 5586.0, 5606.0, 5360.0, 5310.0, 5508.0, 5582.0, 5389.0, 5333.0, 5305.0, 5276.0, 5392.0, 5299.0, 5371.0, 5677.0, 5479.0, 5394.0, 5330.0, 5553.0, 5350.0, 5634.0, 5496.0, 5550.0, 5311.0, 5373.0, 5314.0, 5578.0, 5537.0, 5273.0, 5467.0, 5285.0, 5504.0, 5536.0, 5684.0, 5490.0, 5629.0, 5507.0, 5660.0, 5282.0, 5598.0, 5358.0, 5530.0, 5524.0, 5257.0, 5312.0, 5541.0, 5529.0, 5366.0, 5620.0, 5450.0, 5671.0, 5266.0, 5420.0, 5446.0, 5448.0, 5566.0, 5682.0, 5347.0, 5565.0, 5289.0, 5492.0, 5531.0, 5668.0, 5264.0, 5503.0, 5298.0, 5545.0, 5374.0, 5583.0, 5723.0, 5697.0, 5268.0, 5720.0, 5673.0, 5596.0, 5340.0, 5456.0, 5502.0, 5615.0, 5455.0, 5630.0, 5610.0, 5646.0, 5437.0, 5345.0, 5544.0, 5546.0, 5651.0
17	5280	9	1	333	1	5677.0, 5553.0, 5283.0, 5326.0, 5632.0, 5327.0, 5407.0, 5302.0, 5259.0, 5389.0, 5387.0, 5547.0, 5699.0, 5637.0, 5435.0, 5502.0, 5655.0, 5496.0, 5582.0, 5626.0, 5490.0, 5615.0, 5261.0, 5438.0, 5290.0, 5573.0, 5554.0, 5472.0, 5335.0, 5580.0, 5537.0, 5670.0, 5400.0, 5703.0, 5455.0, 5461.0, 5561.0, 5678.0, 5526.0, 5351.0, 5467.0, 5319.0, 5681.0, 5557.0, 5636.0, 5617.0, 5708.0, 5390.0, 5269.0, 5284.0, 5696.0, 5486.0, 5384.0, 5530.0, 5412.0, 5509.0, 5578.0, 5452.0, 5634.0, 5337.0, 5623.0, 5633.0, 5469.0, 5624.0, 5621.0, 5545.0, 5508.0, 5643.0, 5558.0, 5646.0, 5391.0, 5686.0, 5258.0, 5556.0, 5260.0, 5590.0, 5270.0, 5641.0, 5423.0, 5344.0, 5313.0, 5453.0, 5410.0, 5709.0, 5419.0, 5278.0, 5650.0, 5406.0, 5498.0, 5375.0, 5366.0, 5454.0, 5296.0, 5504.0, 5599.0, 5527.0, 5572.0, 5679.0, 5722.0, 5332.0
18	5280	9	1	333	1	5473.0, 5631.0, 5291.0, 5592.0, 5651.0, 5259.0, 5633.0, 5714.0, 5662.0, 5497.0, 5421.0, 5542.0, 5334.0, 5653.0, 5402.0, 5410.0, 5628.0, 5321.0, 5715.0, 5498.0, 5404.0, 5693.0, 5689.0, 5719.0, 5413.0, 5655.0, 5387.0, 5579.0, 5419.0, 5702.0, 5460.0, 5621.0, 5616.0, 5605.0, 5331.0, 5604.0, 5554.0, 5305.0, 5381.0, 5480.0, 5511.0, 5573.0, 5718.0, 5608.0, 5652.0, 5523.0, 5667.0, 5468.0, 5562.0, 5314.0, 5367.0, 5260.0, 5571.0, 5695.0, 5622.0, 5706.0, 5251.0, 5682.0, 5448.0, 5339.0, 5635.0, 5701.0, 5349.0, 5694.0, 5441.0,



						5699.0, 5325.0, 5504.0, 5362.0, 5440.0, 5374.0, 5427.0, 5275.0, 5303.0, 5373.0, 5661.0, 5546.0, 5602.0, 5309.0, 5526.0, 5281.0, 5597.0, 5724.0, 5688.0, 5500.0, 5472.0, 5278.0, 5301.0, 5348.0, 5586.0, 5669.0, 5320.0, 5399.0, 5625.0, 5286.0, 5585.0, 5344.0, 5568.0, 5536.0, 5406.0
19	5280	9	1	333	1	5711.0, 5401.0, 5517.0, 5648.0, 5306.0, 5263.0, 5491.0, 5339.0, 5656.0, 5302.0, 5330.0, 5323.0, 5425.0, 5607.0, 5278.0, 5710.0, 5409.0, 5455.0, 5404.0, 5338.0, 5458.0, 5252.0, 5667.0, 5659.0, 5395.0, 5471.0, 5719.0, 5439.0, 5634.0, 5260.0, 5329.0, 5465.0, 5556.0, 5509.0, 5442.0, 5677.0, 5580.0, 5407.0, 5589.0, 5689.0, 5341.0, 5350.0, 5315.0, 5410.0, 5473.0, 5289.0, 5490.0, 5378.0, 5650.0, 5635.0, 5584.0, 5557.0, 5469.0, 5468.0, 5671.0, 5319.0, 5576.0, 5563.0, 5300.0, 5447.0, 5297.0, 5342.0, 5459.0, 5532.0, 5299.0, 5499.0, 5600.0, 5553.0, 5524.0, 5722.0, 5253.0, 5359.0, 5617.0, 5443.0, 5618.0, 5655.0, 5256.0, 5450.0, 5698.0, 5608.0, 5362.0, 5414.0, 5550.0, 5285.0, 5571.0, 5714.0, 5363.0, 5569.0, 5373.0, 5261.0, 5284.0, 5581.0, 5702.0, 5313.0, 5267.0, 5481.0, 5382.0, 5254.0, 5706.0, 5320.0
20	5280	9	1	333	1	5706.0, 5595.0, 5542.0, 5664.0, 5344.0, 5521.0, 5596.0, 5438.0, 5271.0, 5650.0, 5539.0, 5343.0, 5405.0, 5696.0, 5546.0, 5336.0, 5529.0, 5265.0, 5460.0, 5509.0, 5533.0, 5661.0, 5394.0, 5552.0, 5453.0, 5572.0, 5673.0, 5330.0, 5472.0, 5702.0, 5477.0, 5455.0, 5594.0, 5647.0, 5292.0, 5642.0, 5548.0, 5544.0, 5266.0, 5458.0, 5467.0, 5658.0, 5347.0, 5679.0, 5643.0, 5368.0, 5315.0, 5627.0, 5638.0, 5482.0, 5686.0, 5366.0, 5296.0, 5342.0, 5570.0, 5699.0, 5374.0, 5384.0, 5687.0, 5461.0, 5400.0, 5305.0, 5392.0, 5667.0, 5269.0, 5662.0, 5555.0, 5607.0, 5622.0, 5354.0, 5678.0, 5290.0, 5615.0, 5558.0, 5281.0, 5443.0, 5327.0, 5670.0, 5494.0, 5447.0, 5676.0, 5549.0, 5348.0, 5418.0, 5508.0, 5621.0, 5694.0, 5637.0, 5442.0, 5543.0, 5628.0, 5669.0, 5358.0, 5514.0, 5291.0, 5580.0, 5462.0, 5571.0, 5464.0, 5608.0
21	5280	9	1	333	1	5273.0, 5501.0, 5496.0, 5309.0, 5602.0, 5452.0, 5522.0, 5581.0, 5266.0, 5510.0, 5676.0, 5720.0, 5320.0, 5374.0, 5325.0, 5724.0, 5614.0, 5268.0, 5384.0, 5536.0, 5264.0, 5456.0, 5353.0, 5458.0, 5362.0, 5470.0, 5566.0, 5463.0, 5279.0, 5647.0, 5537.0, 5697.0, 5472.0, 5314.0, 5488.0, 5316.0, 5535.0, 5667.0, 5543.0, 5417.0, 5711.0, 5594.0, 5693.0, 5585.0, 5623.0, 5345.0, 5406.0, 5661.0, 5553.0, 5431.0, 5659.0, 5323.0, 5612.0, 5442.0, 5447.0, 5395.0, 5269.0, 5654.0, 5549.0, 5284.0, 5373.0, 5386.0, 5722.0, 5533.0, 5419.0

						5679.0, 5427.0, 5713.0, 5361.0, 5254.0, 5577.0, 5312.0, 5327.0, 5340.0, 5341.0, 5331.0, 5606.0, 5339.0, 5282.0, 5306.0, 5637.0, 5589.0, 5359.0, 5570.0, 5388.0, 5469.0, 5321.0, 5695.0, 5710.0, 5682.0, 5450.0, 5437.0, 5591.0, 5561.0, 5329.0, 5449.0, 5580.0, 5415.0, 5630.0, 5492.0
22	5280	9	1	333	1	5492.0, 5256.0, 5649.0, 5562.0, 5382.0, 5614.0, 5687.0, 5610.0, 5477.0, 5704.0, 5677.0, 5701.0, 5573.0, 5510.0, 5489.0, 5525.0, 5376.0, 5379.0, 5672.0, 5628.0, 5516.0, 5686.0, 5433.0, 5479.0, 5378.0, 5508.0, 5445.0, 5423.0, 5597.0, 5262.0, 5343.0, 5277.0, 5711.0, 5314.0, 5662.0, 5276.0, 5451.0, 5566.0, 5364.0, 5683.0, 5425.0, 5648.0, 5528.0, 5668.0, 5560.0, 5318.0, 5602.0, 5706.0, 5607.0, 5394.0, 5442.0, 5673.0, 5650.0, 5501.0, 5270.0, 5419.0, 5292.0, 5676.0, 5629.0, 5365.0, 5481.0, 5564.0, 5412.0, 5548.0, 5357.0, 5317.0, 5517.0, 5304.0, 5511.0, 5464.0, 5346.0, 5635.0, 5620.0, 5439.0, 5498.0, 5645.0, 5362.0, 5678.0, 5721.0, 5374.0, 5631.0, 5354.0, 5348.0, 5275.0, 5321.0, 5300.0, 5612.0, 5308.0, 5265.0, 5691.0, 5534.0, 5544.0, 5460.0, 5386.0, 5334.0, 5459.0, 5541.0, 5373.0, 5653.0, 5572.0
23	5280	9	1	333	1	5650.0, 5626.0, 5518.0, 5393.0, 5440.0, 5716.0, 5374.0, 5636.0, 5418.0, 5359.0, 5466.0, 5389.0, 5548.0, 5655.0, 5721.0, 5357.0, 5675.0, 5405.0, 5313.0, 5409.0, 5458.0, 5335.0, 5677.0, 5645.0, 5268.0, 5613.0, 5516.0, 5251.0, 5504.0, 5445.0, 5528.0, 5477.0, 5411.0, 5722.0, 5718.0, 5710.0, 5403.0, 5619.0, 5261.0, 5663.0, 5609.0, 5617.0, 5588.0, 5573.0, 5723.0, 5515.0, 5285.0, 5303.0, 5709.0, 5294.0, 5637.0, 5441.0, 5510.0, 5559.0, 5478.0, 5463.0, 5585.0, 5467.0, 5439.0, 5508.0, 5602.0, 5615.0, 5611.0, 5262.0, 5720.0, 5594.0, 5295.0, 5582.0, 5474.0, 5255.0, 5453.0, 5534.0, 5364.0, 5717.0, 5634.0, 5342.0, 5512.0, 5664.0, 5358.0, 5332.0, 5383.0, 5305.0, 5627.0, 5461.0, 5346.0, 5580.0, 5630.0, 5419.0, 5276.0, 5685.0, 5700.0, 5293.0, 5451.0, 5595.0, 5657.0, 5672.0, 5472.0, 5683.0, 5713.0, 5494.0
24	5280	9	1	333	1	5280.0, 5394.0, 5266.0, 5662.0, 5269.0, 5528.0, 5299.0, 5553.0, 5449.0, 5385.0, 5615.0, 5702.0, 5371.0, 5437.0, 5436.0, 5335.0, 5501.0, 5374.0, 5671.0, 5533.0, 5719.0, 5605.0, 5452.0, 5512.0, 5613.0, 5564.0, 5281.0, 5548.0, 5267.0, 5580.0, 5426.0, 5722.0, 5579.0, 5685.0, 5709.0, 5642.0, 5327.0, 5455.0, 5451.0, 5296.0, 5484.0, 5552.0, 5348.0, 5448.0, 5318.0, 5386.0, 5325.0, 5495.0, 5344.0, 5543.0, 5715.0, 5712.0, 5347.0, 5373.0, 5527.0, 5342.0, 5707.0, 5706.0, 5622.0, 5601.0, 5718.0, 5274.0, 5297.0, 5400.0, 5411.0,

						5262.0, 5356.0, 5693.0, 5390.0, 5380.0, 5633.0, 5271.0, 5636.0, 5282.0, 5354.0, 5310.0, 5336.0, 5420.0, 5690.0, 5315.0, 5507.0, 5676.0, 5370.0, 5556.0, 5526.0, 5689.0, 5698.0, 5379.0, 5573.0, 5454.0, 5627.0, 5381.0, 5649.0, 5639.0, 5667.0, 5366.0, 5654.0, 5340.0, 5290.0, 5514.0
25	5280	9	1	333	1	5359.0, 5534.0, 5369.0, 5352.0, 5354.0, 5648.0, 5438.0, 5482.0, 5698.0, 5712.0, 5434.0, 5440.0, 5379.0, 5485.0, 5387.0, 5343.0, 5653.0, 5641.0, 5685.0, 5627.0, 5657.0, 5551.0, 5576.0, 5496.0, 5630.0, 5699.0, 5519.0, 5373.0, 5622.0, 5355.0, 5616.0, 5583.0, 5656.0, 5349.0, 5335.0, 5684.0, 5637.0, 5663.0, 5691.0, 5302.0, 5344.0, 5604.0, 5543.0, 5330.0, 5251.0, 5256.0, 5292.0, 5580.0, 5628.0, 5380.0, 5321.0, 5475.0, 5478.0, 5406.0, 5562.0, 5397.0, 5265.0, 5313.0, 5462.0, 5707.0, 5294.0, 5386.0, 5619.0, 5625.0, 5703.0, 5350.0, 5382.0, 5424.0, 5499.0, 5389.0, 5708.0, 5526.0, 5693.0, 5463.0, 5700.0, 5421.0, 5503.0, 5596.0, 5649.0, 5679.0, 5402.0, 5468.0, 5374.0, 5571.0, 5523.0, 5396.0, 5324.0, 5390.0, 5303.0, 5716.0, 5375.0, 5723.0, 5391.0, 5582.0, 5311.0, 5385.0, 5300.0, 5333.0, 5418.0, 5279.0
26	5280	9	1	333	1	5315.0, 5642.0, 5551.0, 5562.0, 5582.0, 5573.0, 5675.0, 5509.0, 5493.0, 5360.0, 5272.0, 5653.0, 5465.0, 5555.0, 5636.0, 5304.0, 5269.0, 5672.0, 5527.0, 5498.0, 5687.0, 5412.0, 5264.0, 5458.0, 5448.0, 5443.0, 5263.0, 5424.0, 5567.0, 5699.0, 5613.0, 5692.0, 5503.0, 5691.0, 5265.0, 5694.0, 5626.0, 5252.0, 5366.0, 5661.0, 5588.0, 5377.0, 5578.0, 5381.0, 5655.0, 5706.0, 5339.0, 5654.0, 5401.0, 5450.0, 5313.0, 5532.0, 5286.0, 5447.0, 5624.0, 5572.0, 5693.0, 5563.0, 5276.0, 5614.0, 5639.0, 5262.0, 5574.0, 5338.0, 5716.0, 5531.0, 5610.0, 5495.0, 5461.0, 5721.0, 5631.0, 5408.0, 5316.0, 5629.0, 5592.0, 5522.0, 5251.0, 5278.0, 5386.0, 5368.0, 5431.0, 5658.0, 5619.0, 5438.0, 5664.0, 5268.0, 5529.0, 5545.0, 5463.0, 5575.0, 5604.0, 5583.0, 5577.0, 5271.0, 5369.0, 5715.0, 5289.0, 5565.0, 5603.0, 5440.0
27	5280	9	1	333	1	5268.0, 5557.0, 5422.0, 5303.0, 5523.0, 5429.0, 5587.0, 5328.0, 5289.0, 5537.0, 5363.0, 5454.0, 5256.0, 5416.0, 5639.0, 5460.0, 5482.0, 5610.0, 5669.0, 5551.0, 5347.0, 5331.0, 5439.0, 5618.0, 5689.0, 5662.0, 5630.0, 5590.0, 5641.0, 5719.0, 5283.0, 5684.0, 5316.0, 5296.0, 5432.0, 5321.0, 5427.0, 5376.0, 5453.0, 5612.0, 5324.0, 5517.0, 5350.0, 5539.0, 5560.0, 5340.0, 5306.0, 5282.0, 5276.0, 5683.0, 5705.0, 5698.0, 5495.0, 5259.0, 5448.0, 5313.0, 5414.0, 5360.0, 5513.0, 5392.0, 5642.0, 5508.0, 5377.0, 5565.0, 5498.0,

						5668.0, 5260.0, 5280.0, 5604.0, 5474.0, 5375.0, 5294.0, 5468.0, 5390.0, 5680.0, 5611.0, 5622.0, 5664.0, 5525.0, 5722.0, 5329.0, 5336.0, 5400.0, 5522.0, 5397.0, 5586.0, 5686.0, 5284.0, 5564.0, 5535.0, 5457.0, 5438.0, 5605.0, 5608.0, 5589.0, 5583.0, 5412.0, 5406.0, 5423.0, 5253.0
28	5280	9	1	333	1	5571.0, 5682.0, 5502.0, 5536.0, 5283.0, 5521.0, 5699.0, 5475.0, 5389.0, 5448.0, 5602.0, 5450.0, 5414.0, 5415.0, 5441.0, 5707.0, 5695.0, 5297.0, 5444.0, 5385.0, 5560.0, 5477.0, 5431.0, 5552.0, 5356.0, 5466.0, 5487.0, 5545.0, 5442.0, 5378.0, 5641.0, 5518.0, 5264.0, 5587.0, 5397.0, 5494.0, 5321.0, 5645.0, 5716.0, 5366.0, 5565.0, 5286.0, 5622.0, 5346.0, 5273.0, 5335.0, 5706.0, 5513.0, 5700.0, 5605.0, 5687.0, 5329.0, 5498.0, 5277.0, 5547.0, 5319.0, 5722.0, 5491.0, 5419.0, 5688.0, 5298.0, 5276.0, 5437.0, 5382.0, 5672.0, 5520.0, 5251.0, 5593.0, 5684.0, 5568.0, 5374.0, 5522.0, 5396.0, 5562.0, 5665.0, 5351.0, 5354.0, 5525.0, 5711.0, 5540.0, 5575.0, 5579.0, 5633.0, 5613.0, 5639.0, 5393.0, 5492.0, 5324.0, 5621.0, 5572.0, 5455.0, 5296.0, 5647.0, 5322.0, 5288.0, 5642.0, 5561.0, 5299.0, 5508.0, 5463.0
29	5280	9	1	333	1	5348.0, 5441.0, 5700.0, 5624.0, 5656.0, 5470.0, 5455.0, 5296.0, 5612.0, 5570.0, 5347.0, 5546.0, 5615.0, 5625.0, 5254.0, 5448.0, 5672.0, 5543.0, 5565.0, 5681.0, 5273.0, 5289.0, 5553.0, 5649.0, 5485.0, 5698.0, 5544.0, 5508.0, 5496.0, 5303.0, 5403.0, 5343.0, 5340.0, 5512.0, 5694.0, 5673.0, 5319.0, 5528.0, 5627.0, 5412.0, 5261.0, 5515.0, 5460.0, 5397.0, 5451.0, 5376.0, 5622.0, 5480.0, 5298.0, 5639.0, 5505.0, 5436.0, 5312.0, 5316.0, 5589.0, 5620.0, 5447.0, 5583.0, 5595.0, 5511.0, 5645.0, 5666.0, 5358.0, 5434.0, 5680.0, 5406.0, 5599.0, 5704.0, 5579.0, 5500.0, 5519.0, 5325.0, 5383.0, 5510.0, 5407.0, 5613.0, 5328.0, 5618.0, 5545.0, 5585.0, 5716.0, 5626.0, 5456.0, 5263.0, 5341.0, 5520.0, 5432.0, 5322.0, 5402.0, 5591.0, 5278.0, 5475.0, 5363.0, 5457.0, 5596.0, 5279.0, 5344.0, 5616.0, 5638.0, 5707.0
30	5280	9	1	333	1	5575.0, 5545.0, 5355.0, 5552.0, 5464.0, 5627.0, 5720.0, 5654.0, 5374.0, 5495.0, 5317.0, 5311.0, 5680.0, 5470.0, 5457.0, 5538.0, 5718.0, 5670.0, 5276.0, 5485.0, 5314.0, 5384.0, 5356.0, 5519.0, 5567.0, 5503.0, 5536.0, 5586.0, 5341.0, 5658.0, 5349.0, 5713.0, 5302.0, 5252.0, 5652.0, 5647.0, 5633.0, 5303.0, 5673.0, 5478.0, 5489.0, 5685.0, 5510.0, 5316.0, 5389.0, 5603.0, 5441.0, 5320.0, 5436.0, 5378.0, 5277.0, 5465.0, 5473.0, 5251.0, 5704.0, 5548.0, 5445.0, 5418.0, 5572.0, 5593.0, 5686.0, 5258.0, 5640.0, 5681.0, 5371.0

						5270.0, 5656.0, 5547.0, 5481.0, 5262.0, 5446.0, 5584.0, 5592.0, 5689.0, 5310.0, 5406.0, 5332.0, 5484.0, 5651.0, 5264.0, 5677.0, 5444.0, 5368.0, 5400.0, 5556.0, 5275.0, 5612.0, 5530.0, 5300.0, 5427.0, 5466.0, 5492.0, 5608.0, 5437.0, 5397.0, 5456.0, 5490.0, 5363.0, 5272.0, 5550.0
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**40MHz**

<b>Radar SignalType</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A</b>	15	100%	60%	pass
<b>Type 1B</b>	15	100%	60%	pass
<b>Type 2</b>	30	100 %	60%	Pass
<b>Type 3</b>	30	100 %	60%	Pass
<b>Type 4</b>	30	100 %	60%	Pass
<b>Aggregate(Type1 to 4)</b>	120	100 %	80%	Pass
<b>Type 5</b>	30	96.7 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

Please refer to the following statistical tables:

**5270MHz****Radar Type 1A Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5270	61	1	878	1
2	5270	62	1	858	1
3	5270	102	1	518	1
4	5270	83	1	638	1
5	5270	76	1	698	1
6	5270	70	1	758	1
7	5270	72	1	738	1
8	5270	58	1	918	1
9	5270	86	1	618	1
10	5270	68	1	778	1
11	5270	57	1	938	1
12	5270	92	1	578	1
13	5270	74	1	718	1
14	5270	65	1	818	1
15	5270	99	1	538	1
Detection Percentage: 100 % (>60%)					

**Radar Type 1B Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5270	44	1	1220	1
2	5270	19	1	2847	1
3	5270	24	1	2285	1
4	5270	20	1	2732	1
5	5270	31	1	1757	1
6	5270	62	1	863	1
7	5270	20	1	2656	1
8	5270	24	1	2246	1
9	5270	25	1	2164	1
10	5270	28	1	1892	1
11	5270	81	1	654	1
12	5270	21	1	2517	1
13	5270	25	1	2118	1
14	5270	39	1	1374	1
15	5270	78	1	681	1
Detection Percentage: 100 % (>60%)					

**Radar Type 2 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5270	23	1.2	160	1
2	5270	25	5	171	1
3	5270	23	4.8	198	1
4	5270	26	1.6	220	1
5	5270	23	3.5	221	1
6	5270	24	3.2	154	1
7	5270	28	2	207	1
8	5270	23	3.8	200	1
9	5270	27	3.8	182	1
10	5270	27	2.2	188	1
11	5270	26	4	219	1
12	5270	25	2.6	220	1
13	5270	24	3.7	221	1
14	5270	26	1.7	213	1
15	5270	28	1.2	178	1
16	5270	26	2.7	207	1
17	5270	24	3.8	196	1
18	5270	23	3.1	213	1
19	5270	23	1.9	184	1
20	5270	23	3.8	208	1
21	5270	26	2.4	225	1
22	5270	27	1.6	188	1
23	5270	24	1.2	160	1
24	5270	23	4.1	219	1
25	5270	23	4.1	158	1
26	5270	25	3	159	1
27	5270	27	2.2	160	1
28	5270	26	4.6	222	1
29	5270	24	3.7	203	1
30	5270	25	4.7	203	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					



**Radar Type 3 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5270	16	9.2	356	1
2	5270	16	8.5	246	1
3	5270	18	8.6	388	1
4	5270	16	8.5	284	1
5	5270	18	6.6	282	1
6	5270	18	6.9	489	1
7	5270	18	6.9	259	1
8	5270	17	9.3	233	1
9	5270	18	8.1	204	1
10	5270	17	6	487	1
11	5270	16	6.5	264	1
12	5270	17	8.2	500	1
13	5270	16	6.9	340	1
14	5270	17	9.8	334	1
15	5270	16	7.2	320	1
16	5270	16	6.2	488	1
17	5270	16	6.6	322	1
18	5270	18	7.2	399	1
19	5270	17	9.2	222	1
20	5270	17	6.6	238	1
21	5270	17	8.7	445	1
22	5270	17	9.4	388	1
23	5270	17	9.7	423	1
24	5270	16	8.6	451	1
25	5270	17	8.5	362	1
26	5270	16	7.6	274	1
27	5270	17	6.7	321	1
28	5270	16	7.1	275	1
29	5270	17	6.9	465	1
30	5270	17	8.6	331	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 4 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5270	13	11.9	310	1
2	5270	16	15.7	341	1
3	5270	14	15.6	461	1
4	5270	16	18.1	259	1
5	5270	14	19.2	310	1
6	5270	16	11.4	414	1
7	5270	12	19.8	260	1
8	5270	16	12	359	1
9	5270	13	16.3	327	1
10	5270	13	15.2	379	1
11	5270	13	12.6	251	1
12	5270	16	17.6	497	1
13	5270	12	17.6	364	1
14	5270	15	14.7	482	1
15	5270	16	17.4	234	1
16	5270	13	17.3	284	1
17	5270	16	17.9	371	1
18	5270	14	13.1	390	1
19	5270	13	15	354	1
20	5270	12	14.4	403	1
21	5270	14	17.2	252	1
22	5270	15	17.2	306	1
23	5270	15	12.2	425	1
24	5270	12	11.5	500	1
25	5270	16	15.1	455	1
26	5270	14	20	271	1
27	5270	12	11.1	364	1
28	5270	16	17.5	276	1
29	5270	14	14.2	324	1
30	5270	15	16.5	220	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 5 Statistical Performance**

Statistics 1 (ChirpCenter Frequency: 5270.0MHz)

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	94.3	1833		0.532208	1
1	3	13	64.5	1033	1762	0.707203	
2	1	13	84.8			1.357629	
3	3	13	91.9	1539	1895	2.227309	
4	3	13	68.3	1183	1746	2.900448	
5	2	13	65.4	1851		3.137425	
6	3	13	91.7	1986	1408	4.01741	
7	2	13	77.6	1788		4.266745	
8	2	13	94.2	1663		4.971912	
9	2	13	70.5	1593		5.74843	
10	3	13	61.5	1554	1750	6.132787	
11	3	13	80.5	1068	1967	7.038492	
12	2	13	96.4	1411		7.261068	
13	2	13	61.9	1363		8.210937	
14	2	13	76	1601		8.782224	
15	1	13	65.3			9.412794	
16	3	13	82.9	1544	1409	10.018104	
17	1	13	54.1			10.673583	
18	2	13	79.4	1380		10.847023	
19	1	13	76.7			11.937157	

Statistics 2 (ChirpCenter Frequency: 5270.0 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	86.3	1143		0.46935	1
1	3	10	91	1840	1843	0.836442	
2	1	10	94.8			1.471318	
3	2	10	50.6	1435		2.23016	
4	2	10	54.2	1151		2.914843	
5	2	10	98.7	1390		4.061009	
6	2	10	59.2	1082		4.920474	
7	2	10	87.7	1376		5.340344	
8	1	10	89.8			6.120086	
9	2	10	95.7	1439		6.900405	
10	2	10	85.5	1499		7.561423	
11	1	10	73.3			8.287073	
12	3	10	99	1715	1957	8.92279	
13	2	10	56.2	1033		9.86674	
14	2	10	62.5	1959		9.894763	
15	1	10	83.9			11.15743	
16	1	10	58.3			11.431187	

## Statistics 3 (ChirpCenter Frequency: 5270.0 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	72.3	1321	1711	0.532244	1
1	1	6	55.6			1.78633	
2	2	6	81.1	1071		3.320927	
3	1	6	60.1			4.684234	
4	2	6	93.4	1084		5.451541	
5	3	6	65.9	1523	1067	7.385297	
6	2	6	84.5	1258		8.41694	
7	1	6	94.6			10.622693	
8	1	6	73.3			11.882114	

## Statistics 4 (ChirpCenter Frequency: 5270.0 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	63.2			0.224568	1
1	2	11	74.9	1765		1.156391	
2	1	11	52.1			2.034104	
3	2	11	54.3	1121		2.422056	
4	3	11	67.4	1914	1810	3.265439	
5	1	11	95.2			4.112471	
6	3	11	82.1	1003	1460	4.658593	
7	1	11	64.6			5.05062	
8	1	11	74.5			5.89468	
9	3	11	52.6	1327	1477	6.556277	
10	1	11	66.7			7.492088	
11	2	11	54.6	1334		8.337014	
12	3	11	65.6	1663	1631	8.947414	
13	2	11	54.3	1175		9.442646	
14	3	11	58.6	1095	1812	10.495265	
15	2	11	91.7	1901		10.926899	
16	2	11	82.4	1060		11.358223	

Statistics 5(ChirpCenter Frequency: 5270.0 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	64.1	1598	1868	0.694343	1
1	3	9	59.2	1107	1414	1.072932	
2	2	9	63.3	1456		2.239994	
3	1	9	83.8			2.322279	
4	1	9	72			3.446419	
5	2	9	90	1818		4.368124	
6	1	9	74.9			4.528697	
7	3	9	56.4	1243	1885	5.752827	
8	1	9	88.6			6.273749	
9	1	9	68.3			7.092725	
10	2	9	68.8	1892		7.547056	
11	2	9	74.2	1829		8.527998	
12	2	9	54.5	1565		9.232027	
13	1	9	72			9.849087	
14	1	9	88.3			10.526854	
15	3	9	94.4	1569	1028	11.847883	

Statistics 6 (ChirpCenter Frequency: 5270.0 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	75.9			0.071092	1
1	2	15	65.9	1421		0.863773	
2	2	15	99.3	1172		1.835122	
3	2	15	86.1	1644		2.242195	
4	2	15	73.5	1736		3.421627	
5	2	15	61	1435		4.176788	
6	2	15	63.1	1296		4.658928	
7	2	15	72.7	1334		5.402939	
8	3	15	87.8	1187	1517	6.014858	
9	3	15	50.9	1379	1537	6.416823	
10	1	15	70.8			7.576861	
11	3	15	97.7	1373	1683	8.463591	
12	2	15	88.6	1187		9.114424	
13	1	15	53.3			9.838163	
14	2	15	61.8	1472		10.038581	
15	3	15	88.3	1617	1194	11.15698	
16	2	15	88	1183		11.316283	

Statistics 7(ChirpCenter Frequency: 5270.0 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	1871		0.032481	1
1	3	12	53.8	1741	1861	1.03725	
2	1	12	50.3			1.538711	
3	1	12	52.3			2.030596	
4	2	12	89.9	1742		2.803381	
5	2	12	57.9	1794		3.644686	
6	2	12	83.8	1246		4.625391	
7	2	12	72.1	1573		4.822531	
8	2	12	86.1	1067		5.895635	
9	2	12	78.9	1864		6.255798	
10	3	12	75.2	1795	1540	7.138081	
11	1	12	93.2			7.38874	
12	2	12	59.7	1391		8.112981	
13	2	12	81.3	1682		9.246652	
14	2	12	50.6	1395		9.813184	
15	2	12	89.6	1300		10.294234	
16	3	12	66.2	1154	1777	11.108303	
17	1	12	66.6			11.536873	

Statistics 8 (ChirpCenter Frequency: 5270.0 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	66.3	1813		1.041131	1
1	2	14	68.5	1230		1.922104	
2	3	14	58.7	1661	1244	3.45968	
3	1	14	61.4			3.853982	
4	2	14	59.3	1378		5.606418	
5	2	14	74.6	1484		6.910261	
6	2	14	86.5	1278		7.697189	
7	2	14	58.5	1861		9.435027	
8	2	14	92.8	1532		10.470299	
9	2	14	79.3	1574		11.822502	

## Statistics 9 (ChirpCenter Frequency: 5270.0 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	70.7	1222		0.060081	1
1	2	12	52.8	1526		1.325595	
2	2	12	99.2	1767		1.759226	
3	3	12	81.6	1261	1236	2.881921	
4	2	12	93.4	1153		3.334208	
5	1	12	83			4.745937	
6	3	12	74.1	1233	1542	5.226448	
7	2	12	92.8	1236		6.367173	
8	3	12	64.9	1564	1544	6.726623	
9	2	12	95.7	1314		7.927457	
10	2	12	54.2	1662		8.44589	
11	1	12	86.8			8.93366	
12	2	12	67.7	1508		9.695	
13	2	12	88.2	1189		11.133905	
14	2	12	75.9	1205		11.521583	

## Statistics 10 (ChirpCenter Frequency: 5270.0 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	59.8	1460		0.314859	1
1	2	5	61.6	1502		0.943381	
2	2	5	50.1	1654		1.593731	
3	2	5	57.6	1085		2.356746	
4	2	5	78.9	1633		2.80562	
5	1	5	88.1			3.64993	
6	2	5	94.8	1531		3.961704	
7	2	5	54	1227		4.948397	
8	2	5	57.6	1958		5.543303	
9	2	5	77.2	1965		6.240498	
10	1	5	57.9			6.391667	
11	1	5	71.8			7.3791	
12	2	5	64.7	1694		7.903817	
13	2	5	91.1	1821		8.548737	
14	3	5	71.4	1540	1260	9.234511	
15	2	5	82.8	1437		10.035687	
16	2	5	62.2	1396		10.715633	
17	2	5	62.1	1576		10.953668	
18	2	5	62.4	1721		11.45853	

## Statistics 11 (ChirpCenter Frequency: 5258.0 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	62.8	1689		0.851715	1
1	1	19	78.2			1.788378	
2	2	19	80.6	1826		2.737499	
3	2	19	53.6	1166		4.716813	
4	2	19	80.5	1458		5.930652	
5	3	19	57.7	1456	1757	7.742	
6	3	19	60.6	1170	1055	8.390193	
7	2	19	52.9	1831		10.330872	
8	2	19	50.7	1772		11.035834	

## Statistics 12 (ChirpCenter Frequency: 5257.0 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	80.1	1544		0.833529	1
1	3	16	52.8	1592	1583	2.13174	
2	2	16	65.6	1662		3.404716	
3	2	16	83.3	1998		3.762303	
4	2	16	71.6	1020		4.828435	
5	1	16	89.1			7.078898	
6	1	16	63.3			7.453038	
7	3	16	63.6	1834	1755	8.416772	
8	2	16	84.8	1876		9.948341	
9	2	16	74.9	1652		11.394952	



Statistics 13 (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	13	54.5	1788		0.368823	1
1	1	13	81.8			0.888784	
2	2	13	60.2	1004		1.805203	
3	3	13	95.2	1196	1321	2.067487	
4	3	13	95	1048	1374	3.231071	
5	2	13	70.7	1287		3.993339	
6	2	13	79.5	1041		4.342337	
7	1	13	92.1			4.777763	
8	2	13	58.4	1375		5.338334	
9	3	13	77.7	1570	1683	6.064163	
10	1	13	65			6.668019	
11	1	13	70.9			7.946934	
12	1	13	97.7			8.469218	
13	2	13	76.8	1887		9.007465	
14	3	13	64.8	1217	1885	9.887281	
15	1	13	76.8			10.363851	
16	3	13	91.4	1274	1118	10.700991	
17	3	13	70.8	1049	1311	11.508379	

Statistics 14 (ChirpCenter Frequency: 5253.0 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	55.4			0.498103	1
1	2	7	71.5	1460		0.9122	
2	2	7	99.9	1024		1.459982	
3	2	7	60.5	1417		2.447659	
4	1	7	96.7			3.500386	
5	1	7	96.8			3.530922	
6	2	7	57.1	1266		4.246596	
7	1	7	83.4			5.266517	
8	2	7	82.8	1524		6.061685	
9	2	7	63.2	1595		6.757931	
10	3	7	89.7	1773	1681	7.434527	
11	3	7	91.9	1456	1030	8.209506	
12	3	7	82.5	1097	1265	9.069518	
13	2	7	65.1	1452		9.688575	
14	3	7	68	1590	1758	10.07916	
15	3	7	76.5	1730	1791	11.229363	
16	2	7	86.1	1770		11.476192	

## Statistics 15 (ChirpCenter Frequency: 5259.0 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	20	79.3			0.584567	1
1	2	20	70	1218		1.345216	
2	2	20	93.9	1521		3.053451	
3	1	20	86.3			4.795758	
4	2	20	90.2	1986		5.769452	
5	1	20	96.8			7.230776	
6	2	20	65.4	1627		9.108224	
7	2	20	94.9	1775		10.312644	
8	2	20	68.8	1781		10.978274	

## Statistics 16 (ChirpCenter Frequency: 5253.0 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	90.6	1085	1168	0.711027	0
1	1	6	55.6			1.697441	
2	2	6	50.3	1565		4.050978	
3	1	6	66.8			4.652663	
4	2	6	61.6	1508		6.640076	
5	2	6	80.8	1184		8.20457	
6	2	6	64.1	1306		9.474754	
7	3	6	94.5	1235	1356	10.875213	

## Statistics 17 (ChirpCenter Frequency: 5259.0 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	20	55.7	1854		0.467714	1
1	2	20	87.5	1546		0.880739	
2	1	20	61.5			1.221118	
3	2	20	75.5	1627		2.005254	
4	2	20	72.6	1668		2.528498	
5	3	20	92.9	1321	1054	3.581497	
6	3	20	74.1	1809	1266	4.071897	
7	1	20	65.7			4.673445	
8	2	20	93.4	1732		4.992691	
9	2	20	52.8	1650		5.927696	
10	3	20	78.3	1042	1379	6.15672	
11	2	20	52.5	1892		6.659632	
12	2	20	72	1798		7.495963	
13	2	20	97.3	1790		7.815089	
14	2	20	59.9	1612		8.659447	
15	2	20	58.2	1466		9.461285	
16	2	20	70.6	1041		10.18856	
17	2	20	62.5	1695		10.629519	
18	1	20	93.8			11.327686	
19	2	20	76.3	1466		11.429452	

## Statistics 18 (ChirpCenter Frequency: 5257.0 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	82.5	1038		0.071585	1
1	2	17	82.4	1649		2.611654	
2	1	17	54.2			3.80689	
3	2	17	84.7	1189		4.785375	
4	1	17	87			6.259166	
5	1	17	76.6			7.56626	
6	2	17	66.4	1757		8.68107	
7	2	17	94.5	1229		9.669313	
8	2	17	76.9	1202		11.309374	

## Statistics 19 (ChirpCenter Frequency: 5257.0 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	96.9			0.404355	1
1	1	16	70			1.201502	
2	2	16	75.2	1323		2.692998	
3	2	16	57.1	1037		4.032172	
4	3	16	64.6	1143	1605	4.789514	
5	2	16	73.4	1123		6.504196	
6	1	16	73.6			6.719783	
7	2	16	72	1736		7.882796	
8	2	16	78.5	1978		9.670513	
9	2	16	73.6	1486		10.398364	
10	1	16	57.3			11.230884	

## Statistics 20 (ChirpCenter Frequency: 5253.0 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	86.9	1951		0.579366	1
1	1	6	88.6			1.147689	
2	2	6	59.1	1173		2.165453	
3	1	6	91.3			2.634436	
4	1	6	65.7			3.217387	
5	2	6	85.9	1707		3.909816	
6	2	6	60.4	1849		4.520894	
7	2	6	89.1	1378		5.329424	
8	1	6	86.2			6.67951	
9	2	6	64.1	1109		7.402848	
10	2	6	93.4	1593		7.529953	
11	2	6	63.1	1279		8.752387	
12	3	6	97.5	1266	1633	9.510542	
13	2	6	66.9	1383		10.229729	
14	1	6	60.5			10.527569	
15	3	6	99.7	1394	1944	11.439465	

## Statistics 21 (ChirpCenter Frequency: 5286.0 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	92.1	1316	1105	0.293879	1
1	2	9	78.8	1842		0.974562	
2	1	9	93.1			2.347952	
3	3	9	51.1	1840	1420	3.345376	
4	2	9	64.9	1146		3.892316	
5	2	9	76.7	1355		4.67764	
6	1	9	94.2			5.173398	
7	3	9	95.1	1031	1717	6.690477	
8	2	9	65	1906		6.882877	
9	2	9	98.8	1449		7.854016	
10	1	9	57.6			9.382063	
11	3	9	81.1	1884	1219	9.637162	
12	2	9	51	1941		10.65312	
13	2	9	74.2	1254		11.178218	

## Statistics 22 (ChirpCenter Frequency: 5282.0 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	19	67.9	1001	1952	0.241563	1
1	1	19	57.9			1.422007	
2	2	19	68.8	1064		2.494315	
3	2	19	68.1	1111		3.523585	
4	3	19	87.3	1469	1016	4.420089	
5	1	19	82.8			5.445131	
6	2	19	59.8	1146		5.591152	
7	2	19	75.4	1676		7.018331	
8	2	19	87	1297		7.428226	
9	1	19	57.2			8.361477	
10	3	19	83.5	1634	1160	9.517161	
11	1	19	65.4			10.660528	
12	2	19	90.2	1694		11.324443	

## Statistics 23 (ChirpCenter Frequency: 5286.0 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	63.4	1739		0.101198	1
1	2	9	88.6	1005		1.143153	
2	2	9	83.5	1459		1.50199	
3	2	9	71.7	1433		2.615155	
4	2	9	96.3	1955		3.122273	
5	1	9	65			3.703249	
6	2	9	54.5	1861		4.025434	
7	3	9	69.5	1115	1200	4.703784	
8	3	9	72.8	1482	1428	5.364621	
9	2	9	95.2	1521		6.642818	
10	1	9	91.8			6.964597	
11	1	9	51.7			7.548715	
12	3	9	94.6	1128	1702	8.382563	
13	2	9	71.2	1416		9.252374	
14	3	9	54.6	1233	1155	9.600483	
15	2	9	58.5	1321		10.27038	
16	1	9	55.2			11.012132	
17	2	9	98.7	1595		11.888204	

## Statistics 24 (ChirpCenter Frequency: 5287.0 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	80.2	1386		0.048543	0
1	2	8	59	1053		0.864523	
2	3	8	66.1	1044	1391	1.77728	
3	1	8	60.6			2.036503	
4	1	8	58.9			2.895982	
5	2	8	81.2	1918		3.765353	
6	2	8	57.2	1184		4.574363	
7	1	8	89.2			4.971105	
8	3	8	93	1686	1020	5.8715	
9	2	8	61.2	1326		6.535325	
10	1	8	78			7.117684	
11	2	8	67.6	1621		7.418581	
12	3	8	94.3	1525	1268	8.520755	
13	2	8	52.7	1699		8.692378	
14	3	8	95.6	1485	1015	9.881005	
15	3	8	96	1577	1929	10.413262	
16	2	8	73.7	1807		10.797962	
17	2	8	97.1	1978		11.346885	

## Statistics 25 (ChirpCenter Frequency: 5286.0 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	86.8			0.395159	1
1	1	9	78.9			0.730183	
2	3	9	78.7	1492	1519	1.542595	
3	2	9	79.1	1418		2.124617	
4	2	9	85	1549		2.443861	
5	2	9	72.8	1057		3.072767	
6	2	9	92	1121		3.654138	
7	2	9	68.1	1500		4.686654	
8	1	9	57.7			4.816369	
9	1	9	57.9			5.639515	
10	3	9	62.8	1819	1636	6.455899	
11	2	9	66.8	1764		6.729301	
12	3	9	98.8	1599	1287	7.459022	
13	1	9	84.5			8.163418	
14	2	9	63.3	1725		8.953137	
15	1	9	63			9.555406	
16	3	9	76	1778	1589	10.083596	
17	2	9	89.1	1315		10.728679	
18	3	9	61.9	1202	1907	11.178203	
19	1	9	93.2			11.679635	

## Statistics 26 (ChirpCenter Frequency: 5287.0 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	58.2	1979		1.338279	1
1	3	7	61.4	1733	1180	2.705433	
2	1	7	65.7			4.032414	
3	1	7	71.7			5.910299	
4	1	7	83.3			6.133994	
5	3	7	79.1	1364	1116	8.896692	
6	3	7	78.6	1119	1398	10.317871	
7	2	7	51.9	1708		11.041247	

## Statistics 27 (ChirpCenter Frequency: 5286.0 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	91.9	1170		0.103739	1
1	2	10	63.3	1248		2.023794	
2	2	10	97.7	1493		2.614305	
3	2	10	57.6	1136		3.856427	
4	1	10	61.4			5.886309	
5	1	10	79			6.911957	
6	1	10	86.9			8.368389	
7	2	10	81.8	1407		8.691393	
8	2	10	73.9	1726		9.65161	
9	1	10	86.3			11.125631	

## Statistics 28 (ChirpCenter Frequency: 5287.0 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	79.6			0.434851	1
1	1	7	52.8			0.870225	
2	2	7	61.3	1334		1.501288	
3	3	7	80.5	1770	1621	2.022409	
4	2	7	66.8	1470		2.884049	
5	2	7	83	1421		3.354305	
6	2	7	77	1549		3.804644	
7	1	7	50.9			4.516012	
8	2	7	91.8	1276		4.945043	
9	2	7	64.1	1197		5.62621	
10	2	7	80.8	1462		6.000408	
11	2	7	77.6	1329		6.650864	
12	2	7	98	1135		7.582393	
13	2	7	92.6	1166		7.80685	
14	2	7	71.2	1536		8.567054	
15	2	7	98	1014		9.418384	
16	2	7	69.8	1429		9.608605	
17	3	7	81.8	1021	1659	10.284174	
18	1	7	83.6			11.388713	
19	2	7	80	1645		11.985733	



Statistics 29 (ChirpCenter Frequency: 5287.0 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	79.3			0.991697	1
1	3	7	69.5	1561	1992	1.367608	
2	1	7	65.5			2.255413	
3	2	7	85.1	1188		3.725709	
4	1	7	81.6			4.272001	
5	2	7	50.7	1971		5.507217	
6	3	7	57.4	1680	1474	6.307947	
7	2	7	65.2	1119		7.033819	
8	3	7	59.2	1812	1165	8.35821	
9	3	7	91.9	1997	1393	9.827058	
10	2	7	88.7	1302		10.665963	
11	3	7	66.3	1847	1574	11.413267	

Statistics 30 (ChirpCenter Frequency: 5286.0 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	62.4	1690		0.335638	1
1	3	9	99.7	1380	1783	1.919385	
2	3	9	59.4	1308	1715	2.806303	
3	2	9	77.2	1536		3.974144	
4	2	9	88.5	1197		4.819653	
5	2	9	85.5	1022		6.97306	
6	1	9	57.4			7.899334	
7	1	9	66.8			8.572353	
8	2	9	93.1	1271		10.293664	
9	2	9	75	1551		11.811447	

**Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence (MHz)
1	5270	9	1	333	1	5485.0, 5282.0, 5506.0, 5567.0, 5458.0, 5498.0, 5468.0, 5348.0, 5368.0, 5543.0, 5610.0, 5393.0, 5606.0, 5709.0, 5366.0, 5581.0, 5702.0, 5388.0, 5408.0, 5475.0, 5637.0, 5587.0, 5434.0, 5341.0, 5688.0, 5537.0, 5384.0, 5486.0, 5464.0, 5564.0, 5274.0, 5712.0, 5428.0, 5494.0, 5364.0, 5394.0, 5582.0, 5456.0, 5461.0, 5449.0, 5357.0, 5291.0, 5560.0, 5565.0, 5643.0, 5577.0, 5297.0, 5530.0, 5340.0, 5692.0, 5615.0, 5648.0, 5524.0, 5309.0, 5433.0, 5379.0, 5516.0, 5715.0, 5673.0, 5315.0, 5623.0, 5281.0, 5583.0, 5367.0, 5501.0, 5440.0, 5390.0, 5339.0, 5481.0, 5454.0, 5674.0, 5314.0, 5701.0, 5604.0, 5538.0, 5320.0, 5713.0, 5345.0, 5596.0, 5718.0, 5680.0, 5717.0, 5708.0, 5719.0, 5508.0, 5678.0, 5490.0, 5699.0, 5570.0, 5633.0, 5270.0, 5372.0, 5650.0, 5644.0, 5720.0, 5272.0, 5626.0, 5529.0, 5414.0, 5652.0
2	5270	9	1	333	1	5684.0, 5445.0, 5706.0, 5569.0, 5275.0, 5623.0, 5319.0, 5668.0, 5324.0, 5301.0, 5444.0, 5311.0, 5383.0, 5273.0, 5399.0, 5601.0, 5721.0, 5577.0, 5293.0, 5610.0, 5420.0, 5413.0, 5410.0, 5669.0, 5384.0, 5268.0, 5448.0, 5425.0, 5308.0, 5290.0, 5291.0, 5266.0, 5464.0, 5348.0, 5702.0, 5654.0, 5374.0, 5452.0, 5342.0, 5404.0, 5607.0, 5380.0, 5641.0, 5688.0, 5581.0, 5584.0, 5415.0, 5381.0, 5715.0, 5382.0, 5359.0, 5484.0, 5510.0, 5352.0, 5362.0, 5302.0, 5645.0, 5651.0, 5547.0, 5632.0, 5451.0, 5591.0, 5400.0, 5305.0, 5587.0, 5499.0, 5506.0, 5351.0, 5543.0, 5585.0, 5580.0, 5391.0, 5604.0, 5437.0, 5424.0, 5261.0, 5289.0, 5513.0, 5649.0, 5617.0, 5321.0, 5332.0, 5609.0, 5356.0, 5278.0, 5312.0, 5254.0, 5369.0, 5571.0, 5439.0, 5597.0, 5493.0, 5520.0, 5389.0, 5628.0, 5408.0, 5276.0, 5491.0, 5635.0, 5567.0
3	5270	9	1	333	1	5445.0, 5288.0, 5452.0, 5264.0, 5370.0, 5704.0, 5615.0, 5467.0, 5642.0, 5550.0, 5557.0, 5681.0, 5575.0, 5300.0, 5560.0, 5682.0, 5456.0, 5605.0, 5640.0, 5509.0, 5556.0, 5603.0, 5354.0, 5597.0, 5437.0, 5548.0, 5601.0, 5559.0, 5463.0, 5290.0, 5324.0, 5257.0, 5343.0, 5688.0, 5565.0, 5449.0, 5388.0, 5337.0, 5532.0, 5351.0, 5712.0, 5683.0, 5260.0, 5600.0, 5526.0, 5447.0, 5475.0, 5534.0, 5427.0, 5552.0, 5263.0, 5459.0, 5592.0, 5641.0, 5272.0, 5334.0, 5696.0, 5720.0, 5310.0, 5536.0, 5613.0, 5608.0, 5646.0, 5604.0, 5371.0

						5555.0, 5713.0, 5606.0, 5724.0, 5705.0, 5331.0, 5636.0, 5340.0, 5387.0, 5254.0, 5497.0, 5333.0, 5386.0, 5658.0, 5476.0, 5455.0, 5316.0, 5507.0, 5630.0, 5457.0, 5395.0, 5454.0, 5451.0, 5561.0, 5501.0, 5398.0, 5469.0, 5342.0, 5384.0, 5669.0, 5356.0, 5383.0, 5261.0, 5710.0, 5390.0
4	5270	9	1	333	1	5564.0, 5523.0, 5405.0, 5540.0, 5345.0, 5648.0, 5310.0, 5650.0, 5510.0, 5723.0, 5679.0, 5445.0, 5383.0, 5252.0, 5412.0, 5703.0, 5321.0, 5455.0, 5400.0, 5513.0, 5293.0, 5407.0, 5424.0, 5340.0, 5640.0, 5255.0, 5576.0, 5328.0, 5361.0, 5678.0, 5399.0, 5382.0, 5326.0, 5548.0, 5294.0, 5277.0, 5702.0, 5364.0, 5578.0, 5649.0, 5448.0, 5525.0, 5520.0, 5278.0, 5408.0, 5419.0, 5667.0, 5661.0, 5474.0, 5332.0, 5378.0, 5366.0, 5716.0, 5566.0, 5373.0, 5471.0, 5269.0, 5563.0, 5658.0, 5363.0, 5722.0, 5492.0, 5459.0, 5550.0, 5682.0, 5464.0, 5274.0, 5700.0, 5646.0, 5386.0, 5690.0, 5623.0, 5429.0, 5599.0, 5617.0, 5476.0, 5557.0, 5356.0, 5685.0, 5264.0, 5299.0, 5544.0, 5312.0, 5411.0, 5606.0, 5376.0, 5601.0, 5291.0, 5627.0, 5516.0, 5308.0, 5443.0, 5553.0, 5676.0, 5435.0, 5582.0, 5437.0, 5594.0, 5570.0, 5514.0
5	5270	9	1	333	1	5586.0, 5421.0, 5652.0, 5601.0, 5350.0, 5523.0, 5454.0, 5343.0, 5473.0, 5671.0, 5461.0, 5631.0, 5387.0, 5700.0, 5629.0, 5399.0, 5703.0, 5625.0, 5382.0, 5622.0, 5289.0, 5540.0, 5674.0, 5670.0, 5694.0, 5552.0, 5267.0, 5519.0, 5256.0, 5270.0, 5353.0, 5654.0, 5712.0, 5342.0, 5282.0, 5483.0, 5441.0, 5529.0, 5331.0, 5718.0, 5354.0, 5559.0, 5317.0, 5611.0, 5560.0, 5279.0, 5442.0, 5564.0, 5443.0, 5451.0, 5656.0, 5704.0, 5623.0, 5337.0, 5409.0, 5678.0, 5288.0, 5688.0, 5459.0, 5539.0, 5710.0, 5527.0, 5263.0, 5377.0, 5450.0, 5508.0, 5302.0, 5294.0, 5681.0, 5280.0, 5664.0, 5344.0, 5635.0, 5293.0, 5300.0, 5597.0, 5592.0, 5692.0, 5325.0, 5613.0, 5605.0, 5320.0, 5555.0, 5278.0, 5578.0, 5721.0, 5271.0, 5257.0, 5570.0, 5659.0, 5412.0, 5413.0, 5268.0, 5702.0, 5460.0, 5646.0, 5689.0, 5675.0, 5569.0, 5696.0
6	5270	9	1	333	1	5340.0, 5488.0, 5280.0, 5530.0, 5319.0, 5662.0, 5343.0, 5403.0, 5449.0, 5356.0, 5339.0, 5613.0, 5408.0, 5256.0, 5419.0, 5542.0, 5670.0, 5487.0, 5647.0, 5382.0, 5265.0, 5690.0, 5325.0, 5719.0, 5251.0, 5268.0, 5570.0, 5309.0, 5684.0, 5418.0, 5297.0, 5437.0, 5480.0, 5376.0, 5592.0, 5708.0, 5704.0, 5517.0, 5381.0, 5565.0, 5409.0, 5522.0, 5327.0, 5600.0, 5484.0, 5626.0, 5426.0, 5583.0, 5499.0, 5348.0, 5273.0, 5472.0, 5377.0, 5720.0, 5577.0, 5284.0, 5568.0, 5290.0, 5631.0, 5601.0, 5470.0, 5326.0, 5722.0, 5507.0, 5430.0

						5436.0, 5479.0, 5531.0, 5674.0, 5388.0, 5345.0, 5687.0, 5318.0, 5688.0, 5663.0, 5289.0, 5680.0, 5463.0, 5324.0, 5414.0, 5305.0, 5294.0, 5665.0, 5407.0, 5523.0, 5651.0, 5546.0, 5271.0, 5502.0, 5533.0, 5413.0, 5699.0, 5401.0, 5607.0, 5591.0, 5296.0, 5642.0, 5593.0, 5465.0, 5628.0
7	5270	9	1	333	1	5616.0, 5530.0, 5338.0, 5395.0, 5565.0, 5640.0, 5467.0, 5641.0, 5485.0, 5561.0, 5629.0, 5526.0, 5591.0, 5546.0, 5476.0, 5515.0, 5579.0, 5509.0, 5582.0, 5381.0, 5524.0, 5661.0, 5581.0, 5610.0, 5690.0, 5301.0, 5309.0, 5607.0, 5253.0, 5357.0, 5611.0, 5585.0, 5387.0, 5355.0, 5674.0, 5295.0, 5501.0, 5331.0, 5490.0, 5306.0, 5713.0, 5642.0, 5680.0, 5518.0, 5584.0, 5535.0, 5650.0, 5633.0, 5682.0, 5566.0, 5482.0, 5397.0, 5555.0, 5324.0, 5500.0, 5617.0, 5296.0, 5570.0, 5519.0, 5706.0, 5259.0, 5655.0, 5538.0, 5472.0, 5294.0, 5717.0, 5545.0, 5416.0, 5540.0, 5263.0, 5532.0, 5594.0, 5426.0, 5612.0, 5412.0, 5553.0, 5408.0, 5251.0, 5620.0, 5669.0, 5604.0, 5694.0, 5504.0, 5703.0, 5626.0, 5667.0, 5551.0, 5362.0, 5257.0, 5376.0, 5393.0, 5456.0, 5352.0, 5337.0, 5289.0, 5481.0, 5344.0, 5272.0, 5261.0, 5351.0
8	5270	9	1	333	1	5492.0, 5456.0, 5296.0, 5448.0, 5530.0, 5464.0, 5389.0, 5403.0, 5341.0, 5556.0, 5339.0, 5701.0, 5558.0, 5271.0, 5554.0, 5689.0, 5648.0, 5267.0, 5538.0, 5259.0, 5609.0, 5325.0, 5713.0, 5411.0, 5488.0, 5644.0, 5312.0, 5707.0, 5640.0, 5251.0, 5619.0, 5576.0, 5703.0, 5406.0, 5494.0, 5581.0, 5533.0, 5675.0, 5261.0, 5588.0, 5454.0, 5665.0, 5710.0, 5278.0, 5388.0, 5473.0, 5662.0, 5610.0, 5348.0, 5351.0, 5705.0, 5295.0, 5534.0, 5552.0, 5433.0, 5527.0, 5624.0, 5709.0, 5272.0, 5391.0, 5452.0, 5390.0, 5413.0, 5353.0, 5372.0, 5549.0, 5676.0, 5521.0, 5447.0, 5460.0, 5590.0, 5347.0, 5653.0, 5291.0, 5546.0, 5459.0, 5497.0, 5434.0, 5292.0, 5366.0, 5597.0, 5324.0, 5449.0, 5327.0, 5400.0, 5422.0, 5443.0, 5618.0, 5319.0, 5654.0, 5333.0, 5437.0, 5435.0, 5501.0, 5722.0, 5565.0, 5702.0, 5318.0, 5302.0, 5584.0
9	5270	9	1	333	1	5284.0, 5341.0, 5640.0, 5336.0, 5347.0, 5295.0, 5358.0, 5305.0, 5525.0, 5355.0, 5372.0, 5466.0, 5559.0, 5561.0, 5260.0, 5568.0, 5288.0, 5564.0, 5325.0, 5345.0, 5569.0, 5675.0, 5594.0, 5316.0, 5565.0, 5383.0, 5319.0, 5292.0, 5437.0, 5646.0, 5495.0, 5374.0, 5290.0, 5411.0, 5617.0, 5395.0, 5721.0, 5261.0, 5572.0, 5257.0, 5485.0, 5332.0, 5330.0, 5251.0, 5542.0, 5622.0, 5268.0, 5413.0, 5512.0, 5473.0, 5514.0, 5478.0, 5425.0, 5501.0, 5647.0, 5265.0, 5493.0, 5262.0, 5361.0, 5598.0, 5557.0, 5270.0, 5670.0, 5531.0, 5474.0

						5480.0, 5606.0, 5439.0, 5359.0, 5656.0, 5271.0, 5376.0, 5289.0, 5691.0, 5263.0, 5653.0, 5677.0, 5648.0, 5327.0, 5530.0, 5351.0, 5255.0, 5533.0, 5471.0, 5476.0, 5252.0, 5484.0, 5269.0, 5661.0, 5626.0, 5458.0, 5717.0, 5681.0, 5573.0, 5575.0, 5321.0, 5578.0, 5498.0, 5534.0, 5504.0
10	5270	9	1	333	1	5546.0, 5308.0, 5411.0, 5551.0, 5437.0, 5433.0, 5398.0, 5624.0, 5439.0, 5577.0, 5278.0, 5611.0, 5520.0, 5605.0, 5482.0, 5495.0, 5720.0, 5554.0, 5581.0, 5522.0, 5503.0, 5640.0, 5377.0, 5620.0, 5368.0, 5716.0, 5639.0, 5417.0, 5337.0, 5531.0, 5339.0, 5608.0, 5594.0, 5481.0, 5419.0, 5386.0, 5601.0, 5556.0, 5262.0, 5483.0, 5615.0, 5271.0, 5547.0, 5383.0, 5281.0, 5270.0, 5637.0, 5447.0, 5679.0, 5548.0, 5690.0, 5537.0, 5501.0, 5470.0, 5627.0, 5441.0, 5307.0, 5684.0, 5558.0, 5403.0, 5471.0, 5485.0, 5378.0, 5414.0, 5607.0, 5319.0, 5604.0, 5566.0, 5662.0, 5351.0, 5578.0, 5626.0, 5390.0, 5689.0, 5657.0, 5650.0, 5297.0, 5561.0, 5668.0, 5400.0, 5336.0, 5723.0, 5391.0, 5618.0, 5364.0, 5468.0, 5516.0, 5373.0, 5285.0, 5718.0, 5479.0, 5365.0, 5540.0, 5253.0, 5254.0, 5576.0, 5717.0, 5428.0, 5499.0, 5293.0
11	5270	9	1	333	1	5491.0, 5701.0, 5722.0, 5495.0, 5510.0, 5251.0, 5658.0, 5288.0, 5546.0, 5409.0, 5648.0, 5408.0, 5580.0, 5347.0, 5548.0, 5505.0, 5585.0, 5706.0, 5389.0, 5444.0, 5608.0, 5438.0, 5277.0, 5334.0, 5664.0, 5484.0, 5663.0, 5410.0, 5402.0, 5372.0, 5260.0, 5575.0, 5452.0, 5332.0, 5547.0, 5269.0, 5489.0, 5682.0, 5394.0, 5431.0, 5602.0, 5433.0, 5498.0, 5599.0, 5574.0, 5567.0, 5311.0, 5421.0, 5517.0, 5375.0, 5437.0, 5401.0, 5697.0, 5518.0, 5259.0, 5673.0, 5571.0, 5331.0, 5545.0, 5569.0, 5508.0, 5592.0, 5268.0, 5475.0, 5506.0, 5393.0, 5379.0, 5265.0, 5312.0, 5487.0, 5544.0, 5587.0, 5294.0, 5652.0, 5657.0, 5309.0, 5423.0, 5595.0, 5536.0, 5468.0, 5310.0, 5619.0, 5490.0, 5446.0, 5429.0, 5369.0, 5445.0, 5390.0, 5426.0, 5383.0, 5636.0, 5671.0, 5528.0, 5353.0, 5611.0, 5466.0, 5447.0, 5454.0, 5440.0, 5303.0
12	5270	9	1	333	1	5453.0, 5377.0, 5355.0, 5707.0, 5399.0, 5287.0, 5349.0, 5390.0, 5447.0, 5437.0, 5530.0, 5314.0, 5492.0, 5506.0, 5398.0, 5622.0, 5640.0, 5698.0, 5628.0, 5627.0, 5476.0, 5656.0, 5448.0, 5493.0, 5267.0, 5569.0, 5545.0, 5584.0, 5519.0, 5535.0, 5714.0, 5565.0, 5720.0, 5723.0, 5477.0, 5258.0, 5431.0, 5582.0, 5583.0, 5642.0, 5516.0, 5634.0, 5543.0, 5514.0, 5694.0, 5257.0, 5667.0, 5374.0, 5251.0, 5285.0, 5422.0, 5604.0, 5715.0, 5353.0, 5472.0, 5505.0, 5434.0, 5420.0, 5306.0, 5546.0, 5322.0, 5309.0, 5315.0, 5531.0, 5539.0

						5297.0, 5252.0, 5343.0, 5676.0, 5568.0, 5534.0, 5660.0, 5495.0, 5647.0, 5475.0, 5651.0, 5541.0, 5544.0, 5376.0, 5589.0, 5553.0, 5611.0, 5592.0, 5365.0, 5254.0, 5313.0, 5623.0, 5331.0, 5607.0, 5497.0, 5378.0, 5629.0, 5685.0, 5262.0, 5416.0, 5415.0, 5578.0, 5596.0, 5273.0, 5554.0
13	5270	9	1	333	1	5556.0, 5609.0, 5456.0, 5261.0, 5311.0, 5673.0, 5464.0, 5724.0, 5408.0, 5324.0, 5415.0, 5559.0, 5584.0, 5373.0, 5302.0, 5277.0, 5256.0, 5259.0, 5692.0, 5683.0, 5436.0, 5446.0, 5379.0, 5294.0, 5682.0, 5412.0, 5471.0, 5574.0, 5493.0, 5365.0, 5518.0, 5631.0, 5634.0, 5544.0, 5585.0, 5262.0, 5519.0, 5672.0, 5304.0, 5498.0, 5321.0, 5662.0, 5573.0, 5258.0, 5452.0, 5419.0, 5614.0, 5602.0, 5297.0, 5647.0, 5368.0, 5308.0, 5437.0, 5333.0, 5398.0, 5413.0, 5577.0, 5698.0, 5486.0, 5715.0, 5402.0, 5712.0, 5282.0, 5393.0, 5710.0, 5354.0, 5608.0, 5424.0, 5520.0, 5403.0, 5265.0, 5336.0, 5314.0, 5491.0, 5649.0, 5345.0, 5467.0, 5454.0, 5422.0, 5582.0, 5355.0, 5362.0, 5696.0, 5613.0, 5536.0, 5594.0, 5490.0, 5708.0, 5439.0, 5623.0, 5501.0, 5567.0, 5459.0, 5292.0, 5306.0, 5644.0, 5547.0, 5305.0, 5465.0, 5603.0
14	5270	9	1	333	1	5275.0, 5361.0, 5299.0, 5717.0, 5373.0, 5308.0, 5686.0, 5363.0, 5718.0, 5268.0, 5395.0, 5694.0, 5636.0, 5607.0, 5568.0, 5360.0, 5388.0, 5359.0, 5353.0, 5334.0, 5408.0, 5575.0, 5392.0, 5544.0, 5441.0, 5461.0, 5526.0, 5286.0, 5379.0, 5493.0, 5571.0, 5665.0, 5627.0, 5693.0, 5310.0, 5484.0, 5569.0, 5540.0, 5709.0, 5534.0, 5465.0, 5625.0, 5719.0, 5448.0, 5279.0, 5402.0, 5270.0, 5677.0, 5673.0, 5706.0, 5699.0, 5456.0, 5529.0, 5618.0, 5341.0, 5422.0, 5705.0, 5561.0, 5309.0, 5594.0, 5336.0, 5503.0, 5357.0, 5394.0, 5494.0, 5583.0, 5675.0, 5320.0, 5405.0, 5467.0, 5593.0, 5587.0, 5475.0, 5623.0, 5710.0, 5707.0, 5303.0, 5261.0, 5478.0, 5489.0, 5296.0, 5713.0, 5347.0, 5654.0, 5676.0, 5446.0, 5302.0, 5554.0, 5474.0, 5393.0, 5545.0, 5429.0, 5666.0, 5527.0, 5701.0, 5378.0, 5592.0, 5697.0, 5669.0, 5410.0
15	5270	9	1	333	1	5469.0, 5565.0, 5657.0, 5592.0, 5347.0, 5423.0, 5535.0, 5638.0, 5252.0, 5577.0, 5251.0, 5622.0, 5439.0, 5292.0, 5641.0, 5511.0, 5532.0, 5412.0, 5570.0, 5692.0, 5345.0, 5652.0, 5299.0, 5697.0, 5261.0, 5575.0, 5499.0, 5709.0, 5477.0, 5719.0, 5318.0, 5639.0, 5500.0, 5618.0, 5585.0, 5268.0, 5269.0, 5708.0, 5625.0, 5619.0, 5440.0, 5394.0, 5567.0, 5514.0, 5611.0, 5320.0, 5591.0, 5508.0, 5308.0, 5648.0, 5691.0, 5518.0, 5335.0, 5327.0, 5505.0, 5554.0, 5601.0, 5472.0, 5704.0, 5315.0, 5512.0, 5582.0, 5377.0, 5559.0, 5594.0

						5395.0, 5466.0, 5267.0, 5362.0, 5623.0, 5375.0, 5490.0, 5549.0, 5513.0, 5519.0, 5642.0, 5561.0, 5712.0, 5664.0, 5489.0, 5403.0, 5667.0, 5279.0, 5603.0, 5473.0, 5372.0, 5406.0, 5458.0, 5253.0, 5339.0, 5425.0, 5385.0, 5427.0, 5614.0, 5530.0, 5287.0, 5310.0, 5517.0, 5656.0, 5306.0
16	5270	9	1	333	1	5362.0, 5671.0, 5512.0, 5563.0, 5720.0, 5259.0, 5662.0, 5468.0, 5403.0, 5330.0, 5317.0, 5611.0, 5649.0, 5578.0, 5347.0, 5676.0, 5320.0, 5487.0, 5604.0, 5271.0, 5652.0, 5300.0, 5561.0, 5418.0, 5554.0, 5722.0, 5596.0, 5594.0, 5324.0, 5266.0, 5408.0, 5383.0, 5323.0, 5591.0, 5384.0, 5679.0, 5547.0, 5364.0, 5275.0, 5270.0, 5451.0, 5446.0, 5432.0, 5670.0, 5281.0, 5546.0, 5700.0, 5447.0, 5508.0, 5618.0, 5712.0, 5318.0, 5528.0, 5545.0, 5490.0, 5711.0, 5534.0, 5539.0, 5272.0, 5682.0, 5282.0, 5477.0, 5525.0, 5522.0, 5651.0, 5353.0, 5698.0, 5643.0, 5576.0, 5650.0, 5344.0, 5475.0, 5584.0, 5393.0, 5367.0, 5694.0, 5565.0, 5669.0, 5311.0, 5374.0, 5620.0, 5503.0, 5258.0, 5304.0, 5593.0, 5339.0, 5600.0, 5535.0, 5683.0, 5502.0, 5424.0, 5705.0, 5265.0, 5409.0, 5417.0, 5431.0, 5316.0, 5292.0, 5250.0, 5440.0
17	5270	9	1	333	1	5342.0, 5718.0, 5464.0, 5706.0, 5253.0, 5385.0, 5546.0, 5358.0, 5565.0, 5587.0, 5392.0, 5437.0, 5609.0, 5633.0, 5410.0, 5551.0, 5606.0, 5471.0, 5526.0, 5628.0, 5669.0, 5715.0, 5458.0, 5507.0, 5261.0, 5267.0, 5560.0, 5457.0, 5356.0, 5543.0, 5568.0, 5454.0, 5674.0, 5512.0, 5279.0, 5573.0, 5381.0, 5383.0, 5691.0, 5600.0, 5641.0, 5534.0, 5401.0, 5252.0, 5349.0, 5569.0, 5620.0, 5626.0, 5684.0, 5357.0, 5373.0, 5571.0, 5610.0, 5468.0, 5667.0, 5375.0, 5529.0, 5334.0, 5521.0, 5495.0, 5601.0, 5409.0, 5514.0, 5272.0, 5449.0, 5705.0, 5583.0, 5361.0, 5440.0, 5604.0, 5614.0, 5528.0, 5289.0, 5681.0, 5362.0, 5322.0, 5657.0, 5607.0, 5308.0, 5302.0, 5710.0, 5307.0, 5711.0, 5675.0, 5688.0, 5371.0, 5634.0, 5493.0, 5670.0, 5716.0, 5431.0, 5404.0, 5683.0, 5482.0, 5596.0, 5478.0, 5552.0, 5692.0, 5698.0, 5354.0
18	5270	9	1	333	1	5488.0, 5536.0, 5438.0, 5494.0, 5608.0, 5384.0, 5252.0, 5297.0, 5674.0, 5523.0, 5503.0, 5433.0, 5350.0, 5574.0, 5293.0, 5709.0, 5688.0, 5657.0, 5722.0, 5301.0, 5583.0, 5694.0, 5285.0, 5581.0, 5368.0, 5382.0, 5308.0, 5358.0, 5431.0, 5679.0, 5662.0, 5592.0, 5628.0, 5264.0, 5391.0, 5499.0, 5474.0, 5559.0, 5660.0, 5645.0, 5557.0, 5287.0, 5354.0, 5254.0, 5569.0, 5514.0, 5275.0, 5490.0, 5421.0, 5377.0, 5547.0, 5465.0, 5345.0, 5554.0, 5399.0, 5487.0, 5299.0, 5256.0, 5454.0, 5395.0, 5466.0, 5351.0, 5332.0, 5359.0, 5636.0

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19	5270	9	1	333	1	5615.0, 5708.0, 5333.0, 5590.0, 5494.0, 5401.0, 5616.0, 5532.0, 5702.0, 5468.0, 5699.0, 5497.0, 5251.0, 5403.0, 5362.0, 5632.0, 5491.0, 5426.0, 5342.0, 5260.0, 5493.0, 5327.0, 5703.0, 5539.0, 5573.0, 5402.0, 5307.0, 5589.0, 5650.0, 5373.0, 5630.0, 5575.0, 5435.0, 5474.0, 5367.0, 5290.0, 5472.0, 5334.0, 5576.0, 5344.0, 5454.0, 5691.0, 5639.0, 5293.0, 5281.0, 5712.0, 5310.0, 5581.0, 5267.0, 5513.0, 5449.0, 5541.0, 5351.0, 5519.0, 5389.0, 5346.0, 5412.0, 5279.0, 5585.0, 5704.0, 5549.0, 5394.0, 5486.0, 5447.0, 5287.0, 5431.0, 5419.0, 5509.0, 5444.0, 5395.0, 5482.0, 5505.0, 5371.0, 5470.0, 5324.0, 5671.0, 5503.0, 5582.0, 5465.0, 5680.0, 5409.0, 5396.0, 5476.0, 5374.0, 5555.0, 5504.0, 5624.0, 5668.0, 5665.0, 5620.0, 5534.0, 5658.0, 5684.0, 5384.0, 5347.0, 5547.0, 5296.0, 5397.0, 5451.0, 5292.0
20	5270	9	1	333	1	5604.0, 5444.0, 5672.0, 5430.0, 5661.0, 5616.0, 5525.0, 5528.0, 5526.0, 5320.0, 5659.0, 5707.0, 5557.0, 5298.0, 5482.0, 5539.0, 5367.0, 5312.0, 5337.0, 5255.0, 5287.0, 5277.0, 5561.0, 5555.0, 5699.0, 5696.0, 5479.0, 5504.0, 5376.0, 5334.0, 5309.0, 5640.0, 5451.0, 5295.0, 5582.0, 5530.0, 5371.0, 5631.0, 5610.0, 5577.0, 5558.0, 5302.0, 5457.0, 5501.0, 5703.0, 5685.0, 5313.0, 5498.0, 5569.0, 5464.0, 5250.0, 5491.0, 5402.0, 5424.0, 5280.0, 5396.0, 5487.0, 5499.0, 5373.0, 5269.0, 5546.0, 5348.0, 5645.0, 5382.0, 5717.0, 5428.0, 5282.0, 5722.0, 5502.0, 5538.0, 5690.0, 5665.0, 5437.0, 5578.0, 5606.0, 5618.0, 5413.0, 5426.0, 5326.0, 5387.0, 5627.0, 5386.0, 5414.0, 5676.0, 5580.0, 5291.0, 5602.0, 5456.0, 5552.0, 5625.0, 5398.0, 5633.0, 5292.0, 5297.0, 5331.0, 5524.0, 5471.0, 5597.0, 5447.0, 5455.0
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24	5270	9	1	333	1	5458.0, 5616.0, 5273.0, 5302.0, 5592.0, 5359.0, 5336.0, 5713.0, 5599.0, 5501.0, 5655.0, 5520.0, 5677.0, 5457.0, 5343.0, 5389.0, 5378.0, 5300.0, 5568.0, 5266.0, 5716.0, 5354.0, 5676.0, 5330.0, 5473.0, 5257.0, 5608.0, 5367.0, 5607.0, 5606.0, 5708.0, 5720.0, 5542.0, 5340.0, 5672.0, 5297.0, 5533.0, 5269.0, 5305.0, 5547.0, 5317.0, 5687.0, 5552.0, 5574.0, 5669.0, 5357.0, 5550.0, 5276.0, 5270.0, 5561.0, 5429.0, 5299.0, 5449.0, 5640.0, 5609.0, 5375.0, 5319.0, 5543.0, 5639.0, 5291.0, 5527.0, 5371.0, 5400.0, 5379.0, 5383.0

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25	5270	9	1	333	1	5424.0, 5457.0, 5262.0, 5279.0, 5456.0, 5701.0, 5511.0, 5328.0, 5303.0, 5540.0, 5496.0, 5674.0, 5630.0, 5494.0, 5491.0, 5297.0, 5551.0, 5388.0, 5381.0, 5374.0, 5542.0, 5567.0, 5342.0, 5383.0, 5590.0, 5708.0, 5667.0, 5514.0, 5615.0, 5404.0, 5431.0, 5522.0, 5625.0, 5570.0, 5620.0, 5466.0, 5362.0, 5572.0, 5490.0, 5331.0, 5454.0, 5311.0, 5409.0, 5284.0, 5447.0, 5458.0, 5366.0, 5265.0, 5554.0, 5521.0, 5694.0, 5463.0, 5612.0, 5422.0, 5611.0, 5513.0, 5659.0, 5470.0, 5300.0, 5260.0, 5357.0, 5371.0, 5720.0, 5561.0, 5515.0, 5607.0, 5656.0, 5382.0, 5417.0, 5555.0, 5329.0, 5384.0, 5622.0, 5703.0, 5421.0, 5344.0, 5588.0, 5290.0, 5660.0, 5319.0, 5398.0, 5613.0, 5636.0, 5372.0, 5269.0, 5444.0, 5281.0, 5657.0, 5631.0, 5526.0, 5387.0, 5568.0, 5600.0, 5584.0, 5476.0, 5546.0, 5393.0, 5349.0, 5340.0, 5583.0
26	5270	9	1	333	1	5523.0, 5370.0, 5272.0, 5507.0, 5502.0, 5271.0, 5632.0, 5297.0, 5586.0, 5290.0, 5315.0, 5341.0, 5345.0, 5677.0, 5468.0, 5308.0, 5543.0, 5555.0, 5718.0, 5279.0, 5544.0, 5713.0, 5325.0, 5474.0, 5665.0, 5559.0, 5356.0, 5621.0, 5623.0, 5389.0, 5412.0, 5351.0, 5437.0, 5309.0, 5402.0, 5707.0, 5259.0, 5406.0, 5620.0, 5663.0, 5497.0, 5385.0, 5411.0, 5659.0, 5645.0, 5323.0, 5276.0, 5298.0, 5681.0, 5280.0, 5592.0, 5589.0, 5346.0, 5721.0, 5697.0, 5658.0, 5496.0, 5255.0, 5333.0, 5518.0, 5471.0, 5506.0, 5459.0, 5398.0, 5655.0, 5515.0, 5629.0, 5694.0, 5520.0, 5438.0, 5263.0, 5627.0, 5597.0, 5606.0, 5712.0, 5489.0, 5720.0, 5475.0, 5284.0, 5563.0, 5673.0, 5574.0, 5469.0, 5580.0, 5448.0, 5339.0, 5533.0, 5301.0, 5441.0, 5652.0, 5449.0, 5688.0, 5457.0, 5635.0, 5414.0, 5528.0, 5602.0, 5531.0, 5264.0, 5709.0
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29	5270	9	1	333	1	5713.0, 5405.0, 5435.0, 5681.0, 5700.0, 5684.0, 5630.0, 5597.0, 5701.0, 5521.0, 5583.0, 5307.0, 5303.0, 5287.0, 5633.0, 5637.0, 5453.0, 5390.0, 5314.0, 5621.0, 5469.0, 5285.0, 5269.0, 5723.0, 5616.0, 5519.0, 5688.0, 5475.0, 5428.0, 5680.0, 5717.0, 5677.0, 5690.0, 5500.0, 5676.0, 5473.0, 5455.0, 5339.0, 5670.0, 5510.0, 5451.0, 5498.0, 5650.0, 5591.0, 5280.0, 5572.0, 5444.0, 5371.0, 5313.0, 5685.0, 5712.0, 5710.0, 5326.0, 5496.0, 5456.0, 5534.0, 5470.0, 5407.0, 5586.0, 5309.0, 5278.0, 5310.0, 5277.0, 5704.0, 5272.0, 5708.0, 5329.0, 5503.0, 5551.0, 5603.0, 5631.0, 5632.0, 5674.0, 5536.0, 5675.0, 5341.0, 5293.0, 5622.0, 5707.0, 5565.0, 5605.0, 5703.0, 5538.0, 5671.0, 5463.0, 5497.0, 5323.0, 5300.0, 5556.0, 5644.0, 5391.0, 5345.0, 5439.0, 5618.0, 5602.0, 5569.0, 5268.0, 5260.0, 5555.0, 5374.0
30	5270	9	1	333	1	5555.0, 5366.0, 5285.0, 5300.0, 5655.0, 5355.0, 5667.0, 5263.0, 5298.0, 5567.0, 5521.0, 5502.0, 5276.0, 5600.0, 5618.0, 5297.0, 5348.0, 5712.0, 5569.0, 5357.0, 5581.0, 5296.0, 5718.0, 5389.0, 5533.0, 5273.0, 5692.0, 5290.0, 5472.0, 5262.0, 5695.0, 5642.0, 5461.0, 5520.0, 5258.0, 5672.0, 5661.0, 5686.0, 5456.0, 5682.0, 5303.0, 5462.0, 5471.0, 5622.0, 5481.0, 5319.0, 5507.0, 5320.0, 5527.0, 5603.0, 5711.0, 5594.0, 5395.0, 5427.0, 5334.0, 5611.0, 5314.0, 5625.0, 5416.0, 5324.0, 5509.0, 5414.0, 5428.0, 5598.0, 5717.0

						5586.0, 5532.0, 5534.0, 5577.0, 5593.0, 5635.0, 5702.0, 5544.0, 5345.0, 5563.0, 5573.0, 5665.0, 5253.0, 5501.0, 5354.0, 5435.0, 5639.0, 5696.0, 5602.0, 5380.0, 5615.0, 5633.0, 5396.0, 5597.0, 5326.0, 5630.0, 5595.0, 5294.0, 5470.0, 5336.0, 5312.0, 5538.0, 5646.0, 5670.0, 5375.0
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**80MHz**

<b>Radar SignalType</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A</b>	15	100%	60%	pass
<b>Type 1B</b>	15	100%	60%	pass
<b>Type 2</b>	30	100 %	60%	Pass
<b>Type 3</b>	30	100 %	60%	Pass
<b>Type 4</b>	30	93.3 %	60%	Pass
<b>Aggregate(Type1 to 4)</b>	120	98.3 %	80%	Pass
<b>Type 5</b>	30	86.7 %	80%	Pass
<b>Type 6</b>	30	100 %	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	92	1	578	1
2	5290	58	1	918	1
3	5290	59	1	898	1
4	5290	70	1	758	1
5	5290	78	1	678	1
6	5290	57	1	938	1
7	5290	95	1	558	1
8	5290	72	1	738	1
9	5290	62	1	858	1
10	5290	65	1	818	1
11	5290	18	1	3066	1
12	5290	74	1	718	1
13	5290	81	1	658	1
14	5290	63	1	838	1
15	5290	89	1	598	1
Detection Percentage: 100 % (>60%)					

**Radar Type 1B Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5290	21	1	2546	1
2	5290	40	1	1345	1
3	5290	19	1	2932	1
4	5290	23	1	2306	1
5	5290	39	1	1376	1
6	5290	27	1	2017	1
7	5290	48	1	1111	1
8	5290	53	1	1008	1
9	5290	23	1	2396	1
10	5290	33	1	1631	1
11	5290	38	1	1426	1
12	5290	29	1	1859	1
13	5290	41	1	1317	1
14	5290	32	1	1677	1
15	5290	24	1	2203	1
Detection Percentage: 100 % (>60%)					

**Radar Type 2 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5290	28	3	205	1
2	5290	26	4.3	187	1
3	5290	29	4	166	1
4	5290	28	4.4	197	1
5	5290	25	2.2	204	1
6	5290	23	1.2	214	1
7	5290	28	2.8	181	1
8	5290	23	4.3	153	1
9	5290	24	3.9	185	1
10	5290	29	3.9	219	1
11	5290	29	1	208	1
12	5290	26	2.1	195	1
13	5290	23	4.9	227	1
14	5290	23	2.7	167	1
15	5290	24	2.7	195	1
16	5290	28	1.7	216	1
17	5290	23	1.1	207	1
18	5290	26	2.8	157	1
19	5290	27	1.7	153	1
20	5290	29	1.3	224	1
21	5290	28	4	195	1
22	5290	28	3.9	204	1
23	5290	27	3.6	207	1
24	5290	25	4.4	152	1
25	5290	23	4.3	213	1
26	5290	27	4.2	207	1
27	5290	25	2.6	156	1
28	5290	23	1.3	157	1
29	5290	23	1.4	161	1
30	5290	25	3.1	214	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 3 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5290	16	6.9	469	1
2	5290	18	8.1	338	1
3	5290	16	6	208	1
4	5290	17	8.6	393	1
5	5290	18	9.4	285	1
6	5290	17	9.7	298	1
7	5290	16	7.7	482	1
8	5290	18	9.5	250	1
9	5290	16	8.4	319	1
10	5290	18	7.2	363	1
11	5290	18	6.8	220	1
12	5290	16	6.6	399	1
13	5290	17	8.5	240	1
14	5290	17	9.3	328	1
15	5290	18	7.2	220	1
16	5290	18	7.9	306	1
17	5290	18	9	421	1
18	5290	17	9.5	206	1
19	5290	16	8.2	355	1
20	5290	17	6.1	260	1
21	5290	17	8.2	483	1
22	5290	16	8	306	1
23	5290	18	8.5	481	1
24	5290	16	8.7	464	1
25	5290	18	6.4	291	1
26	5290	18	9.2	461	1
27	5290	16	8.8	473	1
28	5290	18	6.6	427	1
29	5290	16	9.6	298	1
30	5290	18	9.7	413	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					



**Radar Type 4 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5290	14	11.9	456	1
2	5290	13	18.8	446	0
3	5290	13	16.3	271	1
4	5290	13	14.3	438	1
5	5290	14	16.9	377	1
6	5290	16	14.4	382	1
7	5290	13	19.6	375	1
8	5290	13	18.3	428	1
9	5290	15	11.4	377	1
10	5290	14	15.4	283	1
11	5290	13	19	487	1
12	5290	15	19.6	233	1
13	5290	13	14.3	203	1
14	5290	16	19.1	328	1
15	5290	16	16.4	307	1
16	5290	16	19.3	241	1
17	5290	14	15.2	271	1
18	5290	14	15.6	436	1
19	5290	12	18.2	271	1
20	5290	15	15.7	414	1
21	5290	16	12.8	485	1
22	5290	16	14.1	357	1
23	5290	12	19.6	432	0
24	5290	12	14.3	253	1
25	5290	16	13.8	285	1
26	5290	13	11.9	437	1
27	5290	12	18.4	398	1
28	5290	12	19.1	232	1
29	5290	13	17.5	326	1
30	5290	12	13.8	355	1
<b>Detection Percentage: 93.3 % (&gt;60%)</b>					

**Radar Type 5 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	2	11	99.5	1519		0.070889	1
1	3	11	90.3	1676	1502	1.30212	
2	1	11	62.6			1.778933	
3	3	11	69.7	1002	1680	2.513072	
4	2	11	71.8	1983		3.220463	
5	2	11	52	1597		3.920012	
6	3	11	92.3	1961	1223	4.951028	
7	2	11	95.5	1690		5.398502	
8	2	11	95.5	1547		6.06759	
9	1	11	72.3			6.953877	
10	2	11	66.1	1436		7.669852	
11	1	11	95.6			8.266633	
12	2	11	56.6	1988		9.10782	
13	2	11	68.9	1768		10.481196	
14	1	11	92.6			10.51466	
15	3	11	74.8	1958	1128	11.538601	

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	73.9	1077		0.357015	1
1	3	15	96	1791	1750	1.262296	
2	3	15	65.2	1204	1000	1.729754	
3	2	15	85.1	1448		2.552663	
4	2	15	54.8	1728		2.992795	
5	2	15	65.5	1820		3.850673	
6	2	15	96.4	1513		4.674908	
7	3	15	72.7	1457	1532	5.5094	
8	1	15	58.7			6.007562	
9	3	15	82.3	1430	1642	6.663436	
10	2	15	77.8	1006		7.265593	
11	2	15	67.4	1433		7.867659	
12	2	15	56.4	1685		8.819355	
13	3	15	72.4	1756	1160	9.281624	
14	2	15	90.1	1462		10.361135	
15	1	15	87.2			10.607542	
16	2	15	57.7	1549		11.812046	

## 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	9	77.2	1136	1178	0.585624	1
1	2	9	61.4	1306		1.234766	
2	2	9	86.6	1368		2.505552	
3	3	9	60.2	1482	1608	3.636024	
4	2	9	52.5	1680		4.228262	
5	2	9	56.9	1813		5.040841	
6	3	9	93.3	1820	1628	6.215511	
7	2	9	61.4	1674		7.026781	
8	1	9	64.2			8.256145	
9	3	9	84.1	1089	1142	8.319401	
10	2	9	79	1382		9.718441	
11	2	9	54.4	1743		10.270663	
12	2	9	80.4	1320		11.513916	

## 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	2	5	55.2	1497		0.704922	1
1	2	5	58.1	1176		0.755783	
2	2	5	90.2	1940		1.883783	
3	2	5	80	1913		2.881235	
4	3	5	71	1866	1636	3.372945	
5	2	5	63.6	1008		4.104325	
6	2	5	74.6	1398		4.515857	
7	2	5	86.9	1066		5.816013	
8	2	5	54.7	1491		6.076421	
9	3	5	69.1	1508	1362	6.841133	
10	1	5	72.9			7.96452	
11	2	5	76.7	1775		8.444921	
12	3	5	82.4	1246	1676	9.631122	
13	3	5	77.6	1115	1699	9.996936	
14	2	5	50	1304		11.134217	
15	1	5	65.3			11.431055	

## 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	12	62.5	1718	1104	0.628168	0
1	2	12	54.3	1823		1.326077	
2	2	12	68.8	1645		1.490193	
3	3	12	95	1558	1435	2.722144	
4	2	12	77.5	1203		3.215283	
5	2	12	74.3	1483		3.772337	
6	1	12	87.4			4.849677	
7	1	12	78.9			5.212861	
8	3	12	78	1309	1755	5.747724	
9	2	12	94.1	1279		6.382332	
10	2	12	75.8	1625		7.70759	
11	1	12	61.4			8.103492	
12	2	12	77.5	1911		8.875273	
13	1	12	67.1			9.335291	
14	1	12	94.1			10.322613	
15	3	12	79.5	1486	1779	11.16855	
16	2	12	55.5	1486		11.338048	

## 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	2	8	80.2	1168		0.006122	1
1	2	8	97.4	1908		1.664248	
2	2	8	75.5	1911		2.559862	
3	3	8	85.8	1899	1158	3.028271	
4	1	8	97.7			4.58914	
5	1	8	68.1			4.851153	
6	2	8	78.7	1489		6.115889	
7	2	8	78.4	1618		6.688945	
8	2	8	96.5	1083		7.648492	
9	1	8	62.5			9.008456	
10	2	8	51.7	1442		9.692504	
11	2	8	57.9	1903		10.176121	
12	1	8	69.7			11.887704	

## 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	1	7	79.3			0.005593	1
1	3	7	66.2	1034	1269	1.007492	
2	1	7	62.6			2.279011	
3	2	7	93.9	1672		3.760115	
4	2	7	89.7	1254		4.626291	
5	2	7	79	1720		5.073053	
6	3	7	87.8	1588	1100	6.55023	
7	2	7	63.3	1364		7.24122	
8	3	7	62.3	1876	1583	8.041386	
9	1	7	70.5			9.1327	
10	1	7	86.1			10.524389	
11	3	7	85.7	1130	1193	11.795384	

## 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	3	9	81.1	1499	1716	0.772556	1
1	2	9	80.2	1028		1.487029	
2	3	9	66	1104	1137	2.052426	
3	1	9	71.1			3.361804	
4	3	9	90.3	1325	1033	3.912952	
5	2	9	70.1	1898		5.11527	
6	3	9	65.3	1803	1496	5.97483	
7	1	9	76.4			6.755377	
8	2	9	61.2	1507		7.646185	
9	1	9	69			8.5254	
10	1	9	52.1			9.811716	
11	2	9	71.8	1848		10.446429	
12	3	9	82.3	1917	1290	11.227516	

## 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	2	6	91	1691		0.835996	1
1	3	6	75	1730	1290	1.207246	
2	1	6	52.5			2.342926	
3	3	6	89.6	1428	1563	3.02629	
4	2	6	93.9	1912		3.970903	
5	2	6	82.5	1636		5.484438	
6	2	6	98.6	1970		6.332648	
7	2	6	63.8	1777		7.093663	
8	3	6	75.4	1446	1143	7.909674	
9	2	6	96.6	1994		8.763708	
10	2	6	57.5	1442		9.702014	
11	2	6	54.3	1089		10.601009	
12	1	6	63.2			11.800758	

## 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	2	8	65.5	1516		0.272436	1
1	1	8	69.1			0.960353	
2	3	8	84.8	1927	1269	1.286626	
3	2	8	50.7	1549		2.149673	
4	3	8	99.5	1308	1062	2.845792	
5	3	8	68	1619	1469	3.22051	
6	3	8	83.1	1272	1123	3.843083	
7	3	8	79.9	1926	1502	4.590537	
8	1	8	71.1			5.416021	
9	3	8	85.7	1374	1932	6.207879	
10	3	8	69.3	1693	1302	6.662176	
11	2	8	92.5	1064		7.22385	
12	2	8	58.8	1015		8.139284	
13	2	8	75.4	1680		8.751125	
14	1	8	63.1			9.337046	
15	1	8	50.6			9.99449	
16	1	8	84.8			10.373174	
17	1	8	81.1			10.768027	
18	2	8	54.1	1641		11.766625	

## Statistics 11 (ChirpCenter Frequency: 5259.0 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	81.1	1465		0.553031	1
1	2	19	99.7	1131		1.204876	
2	3	19	67.4	1637	1459	1.541988	
3	2	19	90.7	1941		2.342826	
4	2	19	61.6	1666		3.518609	
5	2	19	99.1	1580		4.061078	
6	2	19	92	1354		4.917923	
7	2	19	98.1	1665		5.739395	
8	2	19	65.4	1413		6.629447	
9	2	19	90.6	1335		7.390155	
10	1	19	55.2			8.138011	
11	2	19	74.2	1221		8.626859	
12	3	19	89	1023	1143	9.28026	
13	2	19	52.9	1746		10.121601	
14	2	19	69.6	1954		10.675994	
15	3	19	66.7	1835	1492	11.272118	

## Statistics 12 (ChirpCenter Frequency: 5257.0 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	62.2			0.515585	1
1	1	14	92.7			0.702492	
2	3	14	59	1993	1021	1.822499	
3	2	14	58.8	1074		2.254997	
4	2	14	53.5	1789		3.304707	
5	2	14	60.1	1206		3.589599	
6	3	14	98.4	1495	1637	4.287257	
7	1	14	65.4			4.876879	
8	2	14	56.7	1030		5.704234	
9	2	14	50.4	1554		6.067852	
10	2	14	62	1488		6.708946	
11	2	14	69.4	1929		7.929283	
12	3	14	50.5	1547	1168	8.457173	
13	3	14	64.4	1169	1619	9.06456	
14	1	14	99.8			9.437539	
15	3	14	57.6	1291	1184	10.104264	
16	3	14	70.2	1297	1986	10.820104	
17	2	14	57.3	1553		11.40741	

## Statistics 13 (ChirpCenter Frequency: 5257.0 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	61.3	1753	1853	0.404318	1
1	2	14	92.4	1878		0.912968	
2	2	14	87.4	1392		1.600377	
3	3	14	72.4	1268	1700	2.231853	
4	1	14	60.6			3.031559	
5	3	14	83.7	1147	1125	3.749069	
6	3	14	56	1194	1603	4.47438	
7	3	14	61.6	1967	1442	5.348233	
8	2	14	67.2	1092		6.176662	
9	2	14	89.7	1287		6.56252	
10	2	14	67.4	1904		7.728456	
11	1	14	60.6			8.159284	
12	1	14	75.4			8.909904	
13	3	14	92.1	1664	1157	9.289352	
14	1	14	83.2			9.896588	
15	2	14	76.8	1142		10.822299	
16	2	14	51.9	1965		11.344629	

## Statistics 14 (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	8	82	1277		0.092598	1
1	3	8	53	1198	1543	0.798742	
2	3	8	75.9	1649	1733	1.599953	
3	2	8	79.8	1466		2.184578	
4	2	8	59	1349		2.933832	
5	3	8	74.8	1124	1219	3.428601	
6	3	8	64.8	1382	1849	4.220684	
7	2	8	53.5	1894		4.770843	
8	1	8	86.5			5.938688	
9	2	8	98	1970		6.446634	
10	2	8	50.4	1185		7.252556	
11	3	8	89.4	1108	1349	7.571153	
12	3	8	71.2	1117	1887	8.523877	
13	3	8	80.1	1500	1201	8.820657	
14	1	8	79.7			9.426157	
15	1	8	52.3			10.311985	
16	3	8	52.4	1513	1546	10.714128	
17	2	8	80	1300		11.701373	



## Statistics 15 (ChirpCenter Frequency: 5257.0 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	75.5	1736		0.189855	1
1	1	16	71.2			0.664132	
2	1	16	69.8			1.767007	
3	1	16	99.8			1.938087	
4	1	16	59.3			2.521451	
5	3	16	57.1	1462	1218	3.057773	
6	2	16	50	1152		4.045056	
7	2	16	67.6	1202		4.628463	
8	2	16	72.8	1230		5.261956	
9	2	16	58.1	1417		5.533093	
10	3	16	78	1686	1208	6.261967	
11	2	16	75.9	1430		7.157457	
12	2	16	97.1	1144		7.304994	
13	2	16	61.3	1225		8.294441	
14	3	16	71	1971	1875	8.599451	
15	2	16	63.1	1774		9.082514	
16	3	16	78.3	1443	1296	9.804849	
17	2	16	96	1742		10.651538	
18	1	16	89.7			11.031151	
19	1	16	67.7			11.790573	

## Statistics 16 (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	10	83.5	1172		0.241081	0
1	3	10	86.3	1609	1500	1.8396	
2	1	10	64.4			2.370384	
3	2	10	53.6	1354		4.086363	
4	1	10	78.9			4.858159	
5	3	10	50.7	1122	1161	5.564727	
6	2	10	70.1	1952		7.282177	
7	2	10	91.8	1057		7.871011	
8	1	10	51			9.079416	
9	2	10	65.4	1983		10.04223	
10	2	10	57.1	1181		11.610059	

## Statistics 17 (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	13	72.6	1403		0.053565	1
1	2	13	84.2	1546		0.738193	
2	3	13	95.4	1555	1084	1.80502	
3	2	13	98.2	1738		2.30412	
4	2	13	90.9	1756		2.980769	
5	1	13	82.9			3.946174	
6	2	13	76.3	1993		4.06516	
7	3	13	86.9	1968	1581	5.180407	
8	3	13	62.1	1062	2000	5.841715	
9	2	13	85.8	1985		6.602254	
10	2	13	99.2	1816		6.819018	
11	3	13	76.4	1152	1843	7.397449	
12	2	13	55.8	1830		8.348356	
13	3	13	59.2	1704	1475	9.090544	
14	2	13	60.4	1885		9.522075	
15	1	13	60.6			10.01242	
16	2	13	86.7	1951		10.666797	
17	2	13	83.2	1494		11.768954	

## Statistics 18 (ChirpCenter Frequency: 5259.0 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	20	69.3	1041		0.277322	1
1	2	20	69.7	1058		0.821338	
2	3	20	83.6	1805	1052	1.50054	
3	2	20	67.8	1389		2.677362	
4	2	20	62.2	1691		3.309901	
5	2	20	65.2	1947		4.141301	
6	3	20	80.3	1545	1797	4.898721	
7	2	20	63.2	1457		5.171362	
8	1	20	67.3			5.872178	
9	2	20	75	1883		6.660739	
10	1	20	58			7.650548	
11	2	20	67.8	1878		8.146956	
12	3	20	86.3	1700	1599	8.915661	
13	1	20	66.4			9.212217	
14	2	20	54	1239		10.017759	
15	2	20	83.8	1935		10.767396	
16	2	20	94.7	1966		11.47502	

## Statistics 19 (ChirpCenter Frequency: 5257.0 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	76.9	1313		1.031301	0
1	2	15	84.5	1402		1.740376	
2	1	15	92.3			4.477804	
3	3	15	93.3	1698	1645	4.669066	
4	3	15	91.1	1364	1518	6.586578	
5	1	15	99.2			7.739526	
6	1	15	65.6			10.369775	
7	2	15	84.2	1799		10.917807	

## Statistics 20 (ChirpCenter Frequency: 5259.0 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	87	1146		0.275229	1
1	2	19	87.1	1227		1.218783	
2	1	19	98.7			1.590478	
3	2	19	61.5	1691		2.327056	
4	1	19	62.3			3.256247	
5	3	19	65.7	1788	1671	4.095077	
6	2	19	62.7	1922		4.375705	
7	2	19	81.1	1723		5.037096	
8	1	19	62.1			5.695103	
9	3	19	76.1	1277	1537	6.665663	
10	3	19	54.7	1089	1146	7.190111	
11	3	19	93.5	1081	1602	8.275179	
12	2	19	82.1	1398		8.680009	
13	1	19	65.3			9.703591	
14	2	19	92.5	1274		10.098753	
15	3	19	87	1843	1649	11.125548	
16	2	19	98	1404		11.341499	

## Statistics 21 (ChirpCenter Frequency: 5322.0 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	94.2	1148		0.265453	1
1	2	17	83.6	1200		1.357519	
2	3	17	63	1777	1907	2.148931	
3	2	17	50.9	1923		2.583866	
4	1	17	61.7			3.482879	
5	2	17	83.4	1468		4.52889	
6	3	17	71.9	1441	1494	5.335334	
7	2	17	80.4	1902		6.705	
8	1	17	75.7			7.411194	
9	2	17	66.4	1366		8.186565	
10	3	17	57.9	1573	1510	9.357089	
11	1	17	88			9.831295	
12	1	17	66.7			10.293468	
13	1	17	97.9			11.530507	

## Statistics 22 (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	1	12	60.1			0.112483	1
1	3	12	80.3	1280	1283	0.931335	
2	2	12	92	1827		1.81559	
3	1	12	97.8			2.172423	
4	2	12	82.4	1993		3.086159	
5	2	12	53.6	1715		3.687243	
6	2	12	83.2	1708		4.286383	
7	2	12	67.8	1798		4.519133	
8	2	12	72.5	1747		5.073952	
9	2	12	67	1003		6.227491	
10	3	12	86.8	1207	1380	6.688258	
11	2	12	59.6	1501		7.182113	
12	2	12	53.5	1660		7.915784	
13	2	12	53.6	1561		8.365264	
14	2	12	51.7	1168		8.868575	
15	1	12	75.9			9.957424	
16	2	12	84.5	1677		10.675436	
17	2	12	60.2	1146		11.200989	
18	1	12	51.3			11.539801	

## Statistics 23 (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	16	64.9	1153		0.313018	1
1	3	16	50.6	1900	1424	1.988698	
2	2	16	68.9	1338		2.557475	
3	2	16	94.7	1577		4.16822	
4	1	16	72			5.071259	
5	2	16	62.7	1641		5.619969	
6	2	16	59.7	1874		6.911996	
7	3	16	53.8	1600	1929	8.691731	
8	2	16	62.3	1354		9.69624	
9	3	16	66.1	1283	1974	9.925526	
10	2	16	89.4	1214		11.662998	

## Statistics 24 (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	16	71.3	1361		0.223222	1
1	2	16	91.1	1128		0.976111	
2	2	16	53.8	1147		1.720766	
3	2	16	60.4	1531		2.226975	
4	1	16	55			2.947859	
5	2	16	91.5	1428		3.197314	
6	2	16	86	1211		3.861527	
7	3	16	70.1	1072	1386	4.63883	
8	1	16	55.4			4.811235	
9	2	16	74.8	1134		5.521414	
10	3	16	54.6	1919	1281	6.59065	
11	3	16	85.7	1449	1436	6.97798	
12	2	16	82.1	1126		7.576429	
13	2	16	58.4	1492		7.83323	
14	1	16	63.8			8.716179	
15	3	16	54	1637	1659	9.258281	
16	1	16	88.4			9.743822	
17	3	16	63.1	1232	1673	10.616865	
18	2	16	79	1705		11.008399	
19	2	16	73.5	1641		11.787556	

Statistics 25 (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	3	13	62.8	1903	1918	0.271423	1
1	3	13	78.2	1921	1394	1.36899	
2	2	13	60.7	1951		2.146168	
3	2	13	79.7	1009		3.281571	
4	3	13	91.8	1420	1633	4.0633	
5	2	13	52.9	1159		4.905909	
6	3	13	87.6	1947	1179	5.858184	
7	2	13	99	1706		6.725358	
8	1	13	72.1			7.532343	
9	2	13	88.8	1921		8.104213	
10	2	13	50.1	1112		9.055247	
11	2	13	51.4	1249		10.18973	
12	2	13	52.8	1666		10.390385	
13	1	13	69.8			11.48392	

Statistics 26 (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	9	51.9	2000	1184	0.582057	1
1	2	9	61.5	1823		1.226383	
2	2	9	75.1	1024		1.44802	
3	3	9	95.6	1973	1501	2.669412	
4	2	9	84.2	1897		2.945248	
5	2	9	52	1941		4.013604	
6	2	9	71.8	1504		4.583566	
7	2	9	87	1998		5.449759	
8	1	9	87.8			5.94359	
9	1	9	68			6.787144	
10	2	9	96.1	1050		7.347741	
11	2	9	74.4	1822		8.387025	
12	1	9	82.9			9.066716	
13	2	9	94.6	1512		9.471155	
14	1	9	86			10.246636	
15	1	9	97			10.818684	
16	1	9	73			11.463122	

## Statistics 27 (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	15	75.4	1313		0.634801	0
1	2	15	80.5	1724		1.478483	
2	2	15	73.1	1833		3.018003	
3	3	15	71	1733	1104	4.121179	
4	2	15	53.3	1772		5.399479	
5	2	15	58.5	1172		7.986676	
6	2	15	74.5	1826		8.860542	
7	2	15	61.1	1952		10.591249	
8	2	15	60.8	1803		11.985273	

## Statistics 28 (ChirpCenter Frequency: 5321.0 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	75.1	1720	1896	0.114185	1
1	1	20	56.9			1.005259	
2	2	20	78.4	1397		1.875894	
3	1	20	96.2			2.181095	
4	3	20	97.9	1225	1795	2.658188	
5	3	20	50.6	1569	1294	3.472205	
6	1	20	60.3			3.873063	
7	1	20	90.3			4.425469	
8	3	20	66.2	1066	1648	5.396739	
9	1	20	75.8			6.126352	
10	2	20	60.1	1945		6.813626	
11	2	20	56.7	1114		7.154528	
12	1	20	59.6			7.817532	
13	1	20	80			8.442412	
14	2	20	64.7	2000		8.975796	
15	3	20	64.1	1590	1124	9.672961	
16	3	20	94	1596	1900	10.262776	
17	2	20	60.4	1043		11.067857	
18	1	20	70.6			11.378607	

## Statistics 29 (ChirpCenter Frequency: 5321.0 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	94	1279		0.174222	1
1	2	19	90.8	1849		1.043552	
2	3	19	62.1	1942	1230	1.331863	
3	2	19	98.9	1250		2.039196	
4	2	19	72.7	1200		3.136023	
5	2	19	50.8	1093		3.215658	
6	2	19	61.4	1950		3.815695	
7	2	19	95.9	1500		4.901064	
8	2	19	55.8	1466		5.244879	
9	3	19	60.7	1302	1902	6.073135	
10	3	19	78.3	1348	1821	6.732676	
11	2	19	97.4	1370		7.304039	
12	2	19	65.5	1364		7.850332	
13	2	19	89.5	1464		8.747712	
14	3	19	52.8	1789	1023	9.10133	
15	1	19	91.2			10.101571	
16	2	19	89.5	1962		10.321498	
17	2	19	67.7	1075		10.909557	
18	2	19	95.4	1874		11.599069	

## Statistics 30 (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	2	9	65	1641		0.828555	1
1	3	9	99.8	1268	1688	2.072727	
2	3	9	91.4	1323	1522	4.260217	
3	3	9	66.3	1761	1915	5.815754	
4	2	9	85	1672		7.249963	
5	2	9	54.8	1656		7.693775	
6	2	9	57.1	1853		9.188742	
7	3	9	57.4	1996	1985	11.804452	



**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	5718.0, 5436.0, 5555.0, 5358.0, 5377.0, 5544.0, 5511.0, 5520.0, 5369.0, 5629.0, 5554.0, 5549.0, 5715.0, 5468.0, 5538.0, 5384.0, 5618.0, 5439.0, 5342.0, 5634.0, 5438.0, 5451.0, 5484.0, 5541.0, 5525.0, 5721.0, 5578.0, 5487.0, 5582.0, 5589.0, 5691.0, 5540.0, 5571.0, 5359.0, 5425.0, 5303.0, 5673.0, 5706.0, 5429.0, 5453.0, 5491.0, 5626.0, 5534.0, 5272.0, 5476.0, 5437.0, 5527.0, 5469.0, 5559.0, 5337.0, 5503.0, 5287.0, 5363.0, 5395.0, 5628.0, 5663.0, 5502.0, 5668.0, 5624.0, 5379.0, 5648.0, 5330.0, 5519.0, 5504.0, 5378.0, 5350.0, 5552.0, 5368.0, 5652.0, 5292.0, 5705.0, 5298.0, 5295.0, 5373.0, 5366.0, 5641.0, 5659.0, 5512.0, 5644.0, 5508.0, 5656.0, 5450.0, 5323.0, 5426.0, 5410.0, 5501.0, 5674.0, 5304.0, 5466.0, 5630.0, 5400.0, 5643.0, 5594.0, 5516.0, 5325.0, 5284.0, 5587.0, 5635.0, 5572.0, 5396.0
2	5290	9	1	333	1	5274.0, 5264.0, 5473.0, 5438.0, 5660.0, 5598.0, 5640.0, 5409.0, 5554.0, 5716.0, 5587.0, 5576.0, 5615.0, 5295.0, 5424.0, 5411.0, 5430.0, 5541.0, 5614.0, 5579.0, 5624.0, 5327.0, 5425.0, 5272.0, 5547.0, 5668.0, 5271.0, 5476.0, 5468.0, 5690.0, 5447.0, 5645.0, 5443.0, 5331.0, 5528.0, 5578.0, 5407.0, 5467.0, 5496.0, 5315.0, 5556.0, 5302.0, 5359.0, 5454.0, 5501.0, 5441.0, 5499.0, 5603.0, 5330.0, 5456.0, 5453.0, 5703.0, 5699.0, 5445.0, 5561.0, 5683.0, 5659.0, 5545.0, 5310.0, 5622.0, 5694.0, 5485.0, 5446.0, 5358.0, 5712.0, 5303.0, 5632.0, 5612.0, 5713.0, 5346.0, 5270.0, 5471.0, 5398.0, 5481.0, 5290.0, 5319.0, 5260.0, 5368.0, 5350.0, 5534.0, 5488.0, 5356.0, 5637.0, 5707.0, 5469.0, 5349.0, 5305.0, 5297.0, 5613.0, 5480.0, 5360.0, 5354.0, 5704.0, 5657.0, 5714.0, 5531.0, 5638.0, 5423.0, 5676.0, 5406.0
3	5290	9	1	333	1	5321.0, 5273.0, 5707.0, 5514.0, 5334.0, 5579.0, 5492.0, 5347.0, 5288.0, 5426.0, 5467.0, 5345.0, 5670.0, 5483.0, 5695.0, 5543.0, 5361.0, 5722.0, 5606.0, 5366.0, 5532.0, 5699.0, 5299.0, 5315.0, 5294.0, 5338.0, 5691.0, 5503.0, 5648.0, 5717.0, 5352.0, 5526.0, 5594.0, 5397.0, 5524.0, 5539.0, 5412.0, 5647.0, 5550.0, 5469.0, 5320.0, 5422.0, 5615.0, 5329.0, 5434.0, 5355.0, 5495.0, 5576.0, 5423.0, 5471.0, 5452.0, 5420.0, 5590.0, 5318.0, 5598.0, 5584.0, 5724.0, 5388.0, 5592.0, 5566.0, 5636.0, 5346.0, 5417.0, 5522.0, 5639.0

						5652.0, 5678.0, 5349.0, 5262.0, 5612.0, 5662.0, 5609.0, 5586.0, 5616.0, 5313.0, 5617.0, 5479.0, 5701.0, 5527.0, 5460.0, 5281.0, 5505.0, 5489.0, 5323.0, 5414.0, 5404.0, 5498.0, 5508.0, 5556.0, 5493.0, 5337.0, 5336.0, 5582.0, 5518.0, 5600.0, 5386.0, 5548.0, 5444.0, 5535.0, 5411.0
4	5290	9	1	333	1	5310.0, 5255.0, 5651.0, 5526.0, 5580.0, 5325.0, 5366.0, 5407.0, 5304.0, 5375.0, 5637.0, 5348.0, 5658.0, 5443.0, 5440.0, 5449.0, 5412.0, 5298.0, 5492.0, 5577.0, 5411.0, 5401.0, 5339.0, 5676.0, 5447.0, 5360.0, 5461.0, 5487.0, 5572.0, 5550.0, 5250.0, 5256.0, 5686.0, 5453.0, 5365.0, 5575.0, 5316.0, 5678.0, 5345.0, 5260.0, 5321.0, 5607.0, 5501.0, 5708.0, 5485.0, 5557.0, 5274.0, 5305.0, 5324.0, 5490.0, 5647.0, 5445.0, 5574.0, 5674.0, 5270.0, 5418.0, 5483.0, 5498.0, 5452.0, 5428.0, 5387.0, 5515.0, 5431.0, 5654.0, 5477.0, 5392.0, 5685.0, 5692.0, 5289.0, 5482.0, 5507.0, 5450.0, 5370.0, 5469.0, 5538.0, 5318.0, 5629.0, 5364.0, 5610.0, 5468.0, 5628.0, 5408.0, 5299.0, 5478.0, 5700.0, 5531.0, 5710.0, 5670.0, 5503.0, 5516.0, 5721.0, 5372.0, 5683.0, 5513.0, 5537.0, 5504.0, 5313.0, 5615.0, 5436.0, 5562.0
5	5290	9	1	333	1	5707.0, 5483.0, 5321.0, 5424.0, 5397.0, 5352.0, 5430.0, 5281.0, 5566.0, 5518.0, 5478.0, 5394.0, 5401.0, 5493.0, 5270.0, 5252.0, 5302.0, 5295.0, 5625.0, 5341.0, 5260.0, 5290.0, 5500.0, 5455.0, 5274.0, 5403.0, 5539.0, 5269.0, 5510.0, 5593.0, 5349.0, 5497.0, 5694.0, 5385.0, 5607.0, 5689.0, 5544.0, 5592.0, 5572.0, 5551.0, 5633.0, 5532.0, 5503.0, 5543.0, 5594.0, 5521.0, 5307.0, 5383.0, 5404.0, 5276.0, 5693.0, 5296.0, 5641.0, 5485.0, 5577.0, 5279.0, 5677.0, 5561.0, 5377.0, 5705.0, 5294.0, 5374.0, 5280.0, 5299.0, 5519.0, 5350.0, 5638.0, 5507.0, 5687.0, 5490.0, 5688.0, 5474.0, 5387.0, 5334.0, 5704.0, 5637.0, 5388.0, 5563.0, 5477.0, 5651.0, 5442.0, 5333.0, 5416.0, 5393.0, 5723.0, 5323.0, 5473.0, 5453.0, 5339.0, 5447.0, 5368.0, 5584.0, 5389.0, 5446.0, 5332.0, 5583.0, 5479.0, 5309.0, 5417.0, 5634.0
6	5290	9	1	333	1	5436.0, 5439.0, 5329.0, 5432.0, 5338.0, 5382.0, 5349.0, 5306.0, 5321.0, 5549.0, 5405.0, 5258.0, 5411.0, 5622.0, 5496.0, 5302.0, 5294.0, 5379.0, 5527.0, 5621.0, 5640.0, 5343.0, 5532.0, 5546.0, 5257.0, 5486.0, 5542.0, 5670.0, 5639.0, 5317.0, 5353.0, 5310.0, 5503.0, 5571.0, 5561.0, 5460.0, 5497.0, 5341.0, 5256.0, 5609.0, 5665.0, 5587.0, 5365.0, 5607.0, 5608.0, 5430.0, 5699.0, 5467.0, 5519.0, 5703.0, 5591.0, 5375.0, 5553.0, 5488.0, 5583.0, 5664.0, 5335.0, 5476.0, 5471.0, 5520.0, 5631.0, 5536.0, 5263.0, 5274.0, 5673.0,

						5278.0, 5564.0, 5657.0, 5513.0, 5634.0, 5313.0, 5668.0, 5461.0, 5601.0, 5573.0, 5330.0, 5397.0, 5600.0, 5469.0, 5688.0, 5344.0, 5560.0, 5443.0, 5666.0, 5464.0, 5563.0, 5641.0, 5363.0, 5412.0, 5504.0, 5407.0, 5357.0, 5555.0, 5368.0, 5718.0, 5592.0, 5299.0, 5552.0, 5580.0, 5275.0
7	5290	9	1	333	1	5415.0, 5305.0, 5374.0, 5674.0, 5280.0, 5328.0, 5350.0, 5260.0, 5276.0, 5606.0, 5361.0, 5394.0, 5511.0, 5464.0, 5700.0, 5433.0, 5528.0, 5488.0, 5495.0, 5401.0, 5595.0, 5614.0, 5408.0, 5358.0, 5571.0, 5502.0, 5484.0, 5493.0, 5454.0, 5499.0, 5419.0, 5439.0, 5393.0, 5333.0, 5707.0, 5313.0, 5609.0, 5512.0, 5264.0, 5384.0, 5584.0, 5472.0, 5486.0, 5465.0, 5372.0, 5355.0, 5611.0, 5403.0, 5473.0, 5526.0, 5553.0, 5666.0, 5515.0, 5622.0, 5356.0, 5373.0, 5466.0, 5402.0, 5682.0, 5590.0, 5295.0, 5387.0, 5644.0, 5494.0, 5390.0, 5309.0, 5570.0, 5441.0, 5568.0, 5588.0, 5530.0, 5510.0, 5265.0, 5537.0, 5483.0, 5479.0, 5565.0, 5721.0, 5485.0, 5270.0, 5711.0, 5428.0, 5579.0, 5574.0, 5266.0, 5362.0, 5396.0, 5496.0, 5593.0, 5549.0, 5306.0, 5369.0, 5460.0, 5292.0, 5444.0, 5431.0, 5458.0, 5551.0, 5351.0, 5575.0
8	5290	9	1	333	1	5426.0, 5566.0, 5521.0, 5331.0, 5675.0, 5317.0, 5568.0, 5292.0, 5676.0, 5508.0, 5438.0, 5684.0, 5337.0, 5457.0, 5366.0, 5430.0, 5652.0, 5344.0, 5381.0, 5255.0, 5554.0, 5510.0, 5480.0, 5500.0, 5289.0, 5626.0, 5408.0, 5598.0, 5308.0, 5516.0, 5333.0, 5279.0, 5314.0, 5605.0, 5529.0, 5350.0, 5531.0, 5346.0, 5369.0, 5391.0, 5539.0, 5360.0, 5463.0, 5285.0, 5340.0, 5341.0, 5647.0, 5382.0, 5716.0, 5710.0, 5488.0, 5698.0, 5473.0, 5367.0, 5629.0, 5667.0, 5387.0, 5590.0, 5283.0, 5322.0, 5514.0, 5433.0, 5616.0, 5528.0, 5390.0, 5380.0, 5354.0, 5611.0, 5697.0, 5455.0, 5465.0, 5392.0, 5345.0, 5403.0, 5477.0, 5326.0, 5496.0, 5460.0, 5696.0, 5721.0, 5621.0, 5660.0, 5668.0, 5377.0, 5584.0, 5274.0, 5533.0, 5432.0, 5406.0, 5571.0, 5487.0, 5563.0, 5617.0, 5542.0, 5394.0, 5601.0, 5692.0, 5492.0, 5332.0, 5565.0
9	5290	9	1	333	1	5260.0, 5416.0, 5410.0, 5617.0, 5610.0, 5499.0, 5556.0, 5279.0, 5286.0, 5289.0, 5633.0, 5723.0, 5346.0, 5551.0, 5561.0, 5316.0, 5485.0, 5512.0, 5528.0, 5585.0, 5712.0, 5530.0, 5515.0, 5501.0, 5572.0, 5256.0, 5480.0, 5263.0, 5290.0, 5294.0, 5317.0, 5297.0, 5386.0, 5676.0, 5614.0, 5287.0, 5638.0, 5367.0, 5699.0, 5434.0, 5555.0, 5272.0, 5466.0, 5310.0, 5554.0, 5539.0, 5259.0, 5575.0, 5603.0, 5647.0, 5616.0, 5674.0, 5389.0, 5417.0, 5325.0, 5275.0, 5450.0, 5282.0, 5559.0, 5303.0, 5443.0, 5543.0, 5482.0, 5644.0, 5470.0

						5331.0, 5353.0, 5475.0, 5669.0, 5436.0, 5340.0, 5445.0, 5328.0, 5657.0, 5302.0, 5329.0, 5419.0, 5406.0, 5304.0, 5426.0, 5489.0, 5361.0, 5412.0, 5385.0, 5255.0, 5682.0, 5615.0, 5700.0, 5558.0, 5500.0, 5567.0, 5599.0, 5663.0, 5508.0, 5441.0, 5637.0, 5269.0, 5569.0, 5566.0, 5320.0
10	5290	9	1	333	1	5431.0, 5474.0, 5565.0, 5451.0, 5609.0, 5622.0, 5443.0, 5299.0, 5615.0, 5497.0, 5329.0, 5411.0, 5309.0, 5577.0, 5425.0, 5373.0, 5397.0, 5417.0, 5610.0, 5289.0, 5706.0, 5719.0, 5592.0, 5688.0, 5668.0, 5448.0, 5608.0, 5288.0, 5533.0, 5378.0, 5564.0, 5354.0, 5361.0, 5508.0, 5525.0, 5552.0, 5261.0, 5629.0, 5452.0, 5430.0, 5546.0, 5259.0, 5396.0, 5720.0, 5691.0, 5500.0, 5339.0, 5538.0, 5317.0, 5351.0, 5280.0, 5647.0, 5587.0, 5294.0, 5639.0, 5390.0, 5571.0, 5388.0, 5437.0, 5690.0, 5303.0, 5382.0, 5285.0, 5287.0, 5322.0, 5471.0, 5358.0, 5669.0, 5267.0, 5257.0, 5572.0, 5438.0, 5481.0, 5253.0, 5307.0, 5364.0, 5516.0, 5461.0, 5710.0, 5480.0, 5596.0, 5398.0, 5512.0, 5453.0, 5561.0, 5509.0, 5635.0, 5681.0, 5328.0, 5642.0, 5699.0, 5374.0, 5282.0, 5702.0, 5410.0, 5651.0, 5433.0, 5705.0, 5409.0, 5473.0
11	5290	9	1	333	1	5684.0, 5298.0, 5370.0, 5654.0, 5611.0, 5304.0, 5473.0, 5643.0, 5451.0, 5288.0, 5674.0, 5294.0, 5625.0, 5425.0, 5487.0, 5700.0, 5601.0, 5649.0, 5389.0, 5263.0, 5565.0, 5350.0, 5482.0, 5679.0, 5278.0, 5568.0, 5416.0, 5590.0, 5670.0, 5431.0, 5275.0, 5557.0, 5423.0, 5285.0, 5518.0, 5702.0, 5364.0, 5638.0, 5523.0, 5515.0, 5314.0, 5498.0, 5609.0, 5383.0, 5438.0, 5351.0, 5481.0, 5382.0, 5454.0, 5426.0, 5326.0, 5332.0, 5362.0, 5534.0, 5409.0, 5499.0, 5519.0, 5571.0, 5514.0, 5607.0, 5349.0, 5512.0, 5271.0, 5311.0, 5273.0, 5564.0, 5301.0, 5466.0, 5436.0, 5356.0, 5287.0, 5268.0, 5682.0, 5599.0, 5543.0, 5252.0, 5641.0, 5637.0, 5677.0, 5633.0, 5386.0, 5465.0, 5388.0, 5537.0, 5307.0, 5342.0, 5591.0, 5439.0, 5704.0, 5722.0, 5596.0, 5415.0, 5312.0, 5650.0, 5687.0, 5544.0, 5608.0, 5668.0, 5546.0, 5614.0
12	5290	9	1	333	1	5314.0, 5541.0, 5571.0, 5301.0, 5265.0, 5570.0, 5666.0, 5578.0, 5556.0, 5294.0, 5676.0, 5711.0, 5690.0, 5639.0, 5337.0, 5413.0, 5573.0, 5272.0, 5404.0, 5535.0, 5537.0, 5664.0, 5336.0, 5379.0, 5291.0, 5286.0, 5438.0, 5548.0, 5465.0, 5706.0, 5598.0, 5714.0, 5576.0, 5494.0, 5399.0, 5649.0, 5513.0, 5303.0, 5426.0, 5599.0, 5517.0, 5363.0, 5667.0, 5720.0, 5483.0, 5553.0, 5629.0, 5662.0, 5271.0, 5625.0, 5422.0, 5575.0, 5472.0, 5421.0, 5383.0, 5509.0, 5503.0, 5653.0, 5689.0, 5522.0, 5589.0, 5280.0, 5411.0, 5355.0, 5624.0

						5362.0, 5393.0, 5702.0, 5495.0, 5268.0, 5603.0, 5463.0, 5353.0, 5592.0, 5671.0, 5638.0, 5697.0, 5710.0, 5490.0, 5380.0, 5719.0, 5429.0, 5564.0, 5692.0, 5412.0, 5569.0, 5693.0, 5597.0, 5525.0, 5519.0, 5351.0, 5315.0, 5261.0, 5397.0, 5652.0, 5515.0, 5343.0, 5446.0, 5496.0, 5566.0
13	5290	9	1	333	1	5619.0, 5358.0, 5672.0, 5532.0, 5484.0, 5501.0, 5482.0, 5409.0, 5362.0, 5552.0, 5298.0, 5461.0, 5407.0, 5637.0, 5674.0, 5345.0, 5525.0, 5662.0, 5638.0, 5403.0, 5639.0, 5338.0, 5509.0, 5697.0, 5580.0, 5425.0, 5618.0, 5703.0, 5620.0, 5348.0, 5266.0, 5377.0, 5579.0, 5589.0, 5491.0, 5412.0, 5396.0, 5388.0, 5400.0, 5690.0, 5516.0, 5702.0, 5661.0, 5330.0, 5378.0, 5428.0, 5534.0, 5624.0, 5555.0, 5458.0, 5259.0, 5294.0, 5611.0, 5410.0, 5529.0, 5399.0, 5617.0, 5657.0, 5682.0, 5395.0, 5300.0, 5313.0, 5592.0, 5550.0, 5357.0, 5548.0, 5373.0, 5712.0, 5687.0, 5641.0, 5311.0, 5264.0, 5271.0, 5277.0, 5301.0, 5600.0, 5457.0, 5572.0, 5265.0, 5508.0, 5290.0, 5448.0, 5336.0, 5489.0, 5722.0, 5433.0, 5486.0, 5468.0, 5476.0, 5279.0, 5650.0, 5621.0, 5384.0, 5355.0, 5473.0, 5360.0, 5553.0, 5474.0, 5573.0, 5520.0
14	5290	9	1	333	1	5313.0, 5689.0, 5484.0, 5656.0, 5671.0, 5430.0, 5685.0, 5421.0, 5265.0, 5327.0, 5341.0, 5569.0, 5479.0, 5498.0, 5487.0, 5646.0, 5585.0, 5532.0, 5691.0, 5261.0, 5720.0, 5558.0, 5654.0, 5707.0, 5358.0, 5423.0, 5660.0, 5491.0, 5604.0, 5575.0, 5442.0, 5380.0, 5350.0, 5638.0, 5553.0, 5665.0, 5367.0, 5630.0, 5534.0, 5315.0, 5427.0, 5601.0, 5493.0, 5441.0, 5361.0, 5490.0, 5578.0, 5289.0, 5564.0, 5370.0, 5473.0, 5397.0, 5566.0, 5343.0, 5352.0, 5284.0, 5683.0, 5419.0, 5390.0, 5511.0, 5614.0, 5571.0, 5360.0, 5661.0, 5383.0, 5697.0, 5372.0, 5387.0, 5546.0, 5584.0, 5344.0, 5353.0, 5460.0, 5415.0, 5679.0, 5406.0, 5513.0, 5538.0, 5488.0, 5625.0, 5718.0, 5545.0, 5565.0, 5253.0, 5521.0, 5335.0, 5535.0, 5676.0, 5643.0, 5483.0, 5509.0, 5447.0, 5595.0, 5269.0, 5276.0, 5384.0, 5633.0, 5338.0, 5634.0, 5626.0
15	5290	9	1	333	1	5661.0, 5605.0, 5596.0, 5566.0, 5368.0, 5442.0, 5682.0, 5325.0, 5458.0, 5567.0, 5671.0, 5509.0, 5351.0, 5598.0, 5650.0, 5676.0, 5666.0, 5428.0, 5316.0, 5256.0, 5678.0, 5304.0, 5553.0, 5527.0, 5662.0, 5683.0, 5606.0, 5268.0, 5274.0, 5649.0, 5680.0, 5555.0, 5306.0, 5438.0, 5619.0, 5359.0, 5626.0, 5437.0, 5562.0, 5556.0, 5697.0, 5616.0, 5405.0, 5392.0, 5282.0, 5519.0, 5308.0, 5663.0, 5401.0, 5681.0, 5427.0, 5520.0, 5618.0, 5460.0, 5289.0, 5450.0, 5443.0, 5492.0, 5514.0, 5439.0, 5572.0, 5644.0, 5417.0, 5312.0, 5631.0

						5419.0, 5613.0, 5353.0, 5430.0, 5350.0, 5495.0, 5607.0, 5554.0, 5575.0, 5639.0, 5252.0, 5490.0, 5713.0, 5689.0, 5532.0, 5479.0, 5314.0, 5365.0, 5691.0, 5271.0, 5708.0, 5379.0, 5569.0, 5373.0, 5375.0, 5660.0, 5507.0, 5413.0, 5688.0, 5656.0, 5536.0, 5345.0, 5361.0, 5577.0, 5588.0
16	5290	9	1	333	1	5417.0, 5457.0, 5441.0, 5623.0, 5697.0, 5492.0, 5395.0, 5632.0, 5592.0, 5306.0, 5622.0, 5272.0, 5678.0, 5510.0, 5560.0, 5684.0, 5486.0, 5567.0, 5641.0, 5600.0, 5373.0, 5695.0, 5412.0, 5471.0, 5446.0, 5629.0, 5639.0, 5429.0, 5511.0, 5389.0, 5357.0, 5625.0, 5482.0, 5720.0, 5709.0, 5475.0, 5444.0, 5523.0, 5254.0, 5691.0, 5519.0, 5346.0, 5635.0, 5422.0, 5555.0, 5696.0, 5495.0, 5597.0, 5557.0, 5292.0, 5488.0, 5303.0, 5432.0, 5581.0, 5631.0, 5275.0, 5653.0, 5355.0, 5260.0, 5445.0, 5381.0, 5500.0, 5397.0, 5537.0, 5455.0, 5321.0, 5483.0, 5657.0, 5411.0, 5573.0, 5478.0, 5452.0, 5700.0, 5462.0, 5371.0, 5556.0, 5512.0, 5431.0, 5714.0, 5338.0, 5520.0, 5343.0, 5558.0, 5347.0, 5276.0, 5448.0, 5372.0, 5369.0, 5442.0, 5404.0, 5545.0, 5659.0, 5358.0, 5430.0, 5490.0, 5420.0, 5590.0, 5336.0, 5370.0, 5680.0
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18	5290	9	1	333	1	5375.0, 5645.0, 5477.0, 5358.0, 5414.0, 5392.0, 5276.0, 5354.0, 5279.0, 5549.0, 5313.0, 5328.0, 5598.0, 5637.0, 5615.0, 5648.0, 5295.0, 5393.0, 5461.0, 5717.0, 5563.0, 5538.0, 5369.0, 5267.0, 5632.0, 5367.0, 5277.0, 5502.0, 5285.0, 5623.0, 5470.0, 5437.0, 5667.0, 5582.0, 5587.0, 5571.0, 5356.0, 5440.0, 5373.0, 5663.0, 5700.0, 5602.0, 5404.0, 5580.0, 5420.0, 5311.0, 5315.0, 5388.0, 5510.0, 5541.0, 5662.0, 5314.0, 5696.0, 5439.0, 5525.0, 5697.0, 5330.0, 5258.0, 5544.0, 5251.0, 5344.0, 5284.0, 5289.0, 5577.0, 5499.0

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19	5290	9	1	333	1	5601.0, 5449.0, 5351.0, 5326.0, 5535.0, 5432.0, 5614.0, 5624.0, 5373.0, 5616.0, 5557.0, 5271.0, 5529.0, 5377.0, 5570.0, 5599.0, 5697.0, 5301.0, 5700.0, 5306.0, 5436.0, 5711.0, 5575.0, 5376.0, 5658.0, 5295.0, 5415.0, 5289.0, 5278.0, 5516.0, 5470.0, 5298.0, 5428.0, 5482.0, 5594.0, 5689.0, 5605.0, 5686.0, 5532.0, 5718.0, 5541.0, 5684.0, 5489.0, 5389.0, 5593.0, 5264.0, 5723.0, 5542.0, 5691.0, 5344.0, 5419.0, 5613.0, 5644.0, 5335.0, 5463.0, 5396.0, 5427.0, 5488.0, 5478.0, 5476.0, 5610.0, 5583.0, 5719.0, 5299.0, 5345.0, 5587.0, 5375.0, 5640.0, 5471.0, 5528.0, 5680.0, 5384.0, 5502.0, 5270.0, 5395.0, 5493.0, 5523.0, 5250.0, 5307.0, 5386.0, 5411.0, 5416.0, 5621.0, 5447.0, 5549.0, 5668.0, 5462.0, 5460.0, 5341.0, 5467.0, 5663.0, 5330.0, 5604.0, 5552.0, 5472.0, 5651.0, 5366.0, 5374.0, 5424.0, 5530.0
20	5290	9	1	333	1	5623.0, 5282.0, 5400.0, 5358.0, 5413.0, 5419.0, 5409.0, 5436.0, 5461.0, 5672.0, 5404.0, 5449.0, 5401.0, 5662.0, 5262.0, 5487.0, 5417.0, 5284.0, 5412.0, 5440.0, 5648.0, 5527.0, 5575.0, 5583.0, 5463.0, 5287.0, 5619.0, 5646.0, 5279.0, 5442.0, 5368.0, 5627.0, 5283.0, 5370.0, 5273.0, 5563.0, 5285.0, 5689.0, 5381.0, 5701.0, 5261.0, 5353.0, 5453.0, 5425.0, 5395.0, 5383.0, 5553.0, 5252.0, 5718.0, 5692.0, 5536.0, 5431.0, 5715.0, 5519.0, 5545.0, 5502.0, 5341.0, 5378.0, 5651.0, 5479.0, 5480.0, 5721.0, 5556.0, 5438.0, 5280.0, 5586.0, 5533.0, 5289.0, 5254.0, 5695.0, 5637.0, 5601.0, 5504.0, 5278.0, 5708.0, 5529.0, 5465.0, 5260.0, 5675.0, 5584.0, 5600.0, 5496.0, 5439.0, 5631.0, 5323.0, 5656.0, 5522.0, 5546.0, 5474.0, 5590.0, 5499.0, 5683.0, 5390.0, 5349.0, 5589.0, 5580.0, 5411.0, 5445.0, 5478.0, 5515.0
21	5290	9	1	333	1	5639.0, 5256.0, 5620.0, 5665.0, 5548.0, 5694.0, 5275.0, 5451.0, 5262.0, 5539.0, 5601.0, 5316.0, 5283.0, 5445.0, 5301.0, 5429.0, 5680.0, 5258.0, 5329.0, 5523.0, 5407.0, 5567.0, 5387.0, 5526.0, 5636.0, 5514.0, 5441.0, 5699.0, 5434.0, 5722.0, 5628.0, 5568.0, 5404.0, 5257.0, 5474.0, 5435.0, 5472.0, 5556.0, 5376.0, 5719.0, 5707.0, 5455.0, 5638.0, 5674.0, 5390.0, 5572.0, 5689.0, 5563.0, 5421.0, 5332.0, 5581.0, 5264.0, 5253.0, 5409.0, 5663.0, 5594.0, 5569.0, 5624.0, 5402.0, 5488.0, 5471.0, 5456.0, 5410.0, 5467.0, 5453.0

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22	5290	9	1	333	1	5677.0, 5598.0, 5459.0, 5359.0, 5415.0, 5437.0, 5523.0, 5641.0, 5629.0, 5266.0, 5702.0, 5563.0, 5548.0, 5671.0, 5542.0, 5414.0, 5376.0, 5571.0, 5283.0, 5534.0, 5321.0, 5365.0, 5526.0, 5272.0, 5260.0, 5616.0, 5604.0, 5463.0, 5413.0, 5336.0, 5398.0, 5480.0, 5633.0, 5517.0, 5411.0, 5489.0, 5391.0, 5395.0, 5559.0, 5652.0, 5399.0, 5680.0, 5451.0, 5705.0, 5645.0, 5382.0, 5478.0, 5595.0, 5423.0, 5535.0, 5348.0, 5495.0, 5658.0, 5343.0, 5607.0, 5718.0, 5664.0, 5251.0, 5667.0, 5659.0, 5488.0, 5313.0, 5252.0, 5575.0, 5710.0, 5448.0, 5504.0, 5314.0, 5304.0, 5263.0, 5303.0, 5515.0, 5466.0, 5698.0, 5527.0, 5306.0, 5436.0, 5428.0, 5377.0, 5619.0, 5262.0, 5669.0, 5627.0, 5497.0, 5477.0, 5387.0, 5396.0, 5558.0, 5486.0, 5464.0, 5473.0, 5375.0, 5539.0, 5461.0, 5646.0, 5353.0, 5717.0, 5379.0, 5568.0, 5599.0
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24	5290	9	1	333	1	5522.0, 5689.0, 5593.0, 5296.0, 5703.0, 5669.0, 5618.0, 5567.0, 5407.0, 5354.0, 5657.0, 5476.0, 5462.0, 5361.0, 5579.0, 5721.0, 5646.0, 5639.0, 5286.0, 5505.0, 5261.0, 5440.0, 5652.0, 5716.0, 5271.0, 5621.0, 5704.0, 5303.0, 5528.0, 5518.0, 5327.0, 5564.0, 5580.0, 5358.0, 5365.0, 5637.0, 5546.0, 5484.0, 5390.0, 5441.0, 5633.0, 5566.0, 5635.0, 5415.0, 5714.0, 5402.0, 5665.0, 5416.0, 5330.0, 5530.0, 5283.0, 5511.0, 5306.0, 5676.0, 5617.0, 5474.0, 5329.0, 5503.0, 5695.0, 5683.0, 5682.0, 5592.0, 5713.0, 5691.0, 5651.0



						5516.0, 5699.0, 5557.0, 5432.0, 5515.0, 5366.0, 5287.0, 5343.0, 5309.0, 5263.0, 5572.0, 5513.0, 5425.0, 5399.0, 5424.0, 5468.0, 5447.0, 5547.0, 5431.0, 5437.0, 5260.0, 5638.0, 5429.0, 5602.0, 5312.0, 5262.0, 5316.0, 5645.0, 5419.0, 5411.0, 5379.0, 5373.0, 5387.0, 5625.0, 5421.0
25	5290	9	1	333	1	5715.0, 5396.0, 5260.0, 5416.0, 5432.0, 5270.0, 5436.0, 5479.0, 5372.0, 5589.0, 5707.0, 5563.0, 5424.0, 5623.0, 5649.0, 5309.0, 5534.0, 5664.0, 5558.0, 5488.0, 5445.0, 5500.0, 5556.0, 5635.0, 5441.0, 5455.0, 5619.0, 5258.0, 5570.0, 5609.0, 5308.0, 5631.0, 5680.0, 5686.0, 5255.0, 5319.0, 5504.0, 5640.0, 5657.0, 5553.0, 5651.0, 5538.0, 5503.0, 5507.0, 5561.0, 5621.0, 5672.0, 5531.0, 5499.0, 5545.0, 5650.0, 5544.0, 5322.0, 5378.0, 5358.0, 5675.0, 5257.0, 5252.0, 5526.0, 5339.0, 5346.0, 5692.0, 5710.0, 5447.0, 5452.0, 5634.0, 5555.0, 5593.0, 5497.0, 5546.0, 5291.0, 5485.0, 5302.0, 5401.0, 5345.0, 5587.0, 5665.0, 5695.0, 5527.0, 5700.0, 5606.0, 5375.0, 5655.0, 5659.0, 5494.0, 5434.0, 5317.0, 5512.0, 5714.0, 5466.0, 5468.0, 5435.0, 5422.0, 5303.0, 5654.0, 5474.0, 5522.0, 5645.0, 5292.0, 5414.0
26	5290	9	1	333	1	5477.0, 5347.0, 5591.0, 5291.0, 5613.0, 5659.0, 5374.0, 5462.0, 5255.0, 5672.0, 5456.0, 5616.0, 5285.0, 5709.0, 5655.0, 5536.0, 5446.0, 5611.0, 5502.0, 5363.0, 5575.0, 5328.0, 5710.0, 5358.0, 5535.0, 5704.0, 5698.0, 5442.0, 5262.0, 5343.0, 5566.0, 5585.0, 5551.0, 5435.0, 5473.0, 5394.0, 5619.0, 5546.0, 5377.0, 5669.0, 5334.0, 5455.0, 5635.0, 5603.0, 5628.0, 5640.0, 5690.0, 5561.0, 5319.0, 5440.0, 5299.0, 5637.0, 5712.0, 5543.0, 5256.0, 5280.0, 5559.0, 5520.0, 5631.0, 5308.0, 5547.0, 5519.0, 5708.0, 5415.0, 5351.0, 5365.0, 5670.0, 5667.0, 5638.0, 5402.0, 5344.0, 5639.0, 5404.0, 5348.0, 5460.0, 5382.0, 5313.0, 5423.0, 5711.0, 5257.0, 5330.0, 5696.0, 5253.0, 5570.0, 5370.0, 5422.0, 5610.0, 5648.0, 5524.0, 5354.0, 5495.0, 5349.0, 5264.0, 5656.0, 5557.0, 5681.0, 5567.0, 5694.0, 5642.0, 5307.0
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						5602.0, 5444.0, 5627.0, 5693.0, 5384.0, 5706.0, 5370.0, 5519.0, 5557.0, 5551.0, 5359.0, 5280.0, 5275.0, 5560.0, 5694.0, 5703.0, 5397.0, 5330.0, 5266.0, 5499.0, 5398.0, 5439.0, 5605.0, 5260.0, 5375.0, 5402.0, 5355.0, 5608.0, 5665.0, 5552.0, 5448.0, 5696.0, 5657.0, 5366.0, 5252.0
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29	5290	9	1	333	1	5665.0, 5459.0, 5320.0, 5389.0, 5341.0, 5266.0, 5422.0, 5556.0, 5453.0, 5618.0, 5620.0, 5285.0, 5714.0, 5293.0, 5603.0, 5638.0, 5458.0, 5692.0, 5254.0, 5578.0, 5639.0, 5432.0, 5421.0, 5378.0, 5687.0, 5319.0, 5475.0, 5259.0, 5461.0, 5350.0, 5446.0, 5382.0, 5331.0, 5325.0, 5535.0, 5497.0, 5395.0, 5330.0, 5700.0, 5697.0, 5498.0, 5622.0, 5469.0, 5369.0, 5292.0, 5704.0, 5505.0, 5558.0, 5258.0, 5588.0, 5440.0, 5559.0, 5327.0, 5666.0, 5312.0, 5536.0, 5488.0, 5271.0, 5263.0, 5658.0, 5411.0, 5587.0, 5682.0, 5315.0, 5549.0, 5451.0, 5634.0, 5671.0, 5723.0, 5481.0, 5616.0, 5346.0, 5509.0, 5430.0, 5569.0, 5490.0, 5388.0, 5253.0, 5572.0, 5269.0, 5392.0, 5304.0, 5715.0, 5545.0, 5598.0, 5686.0, 5605.0, 5309.0, 5449.0, 5381.0, 5454.0, 5385.0, 5705.0, 5311.0, 5678.0, 5371.0, 5464.0, 5496.0, 5647.0, 5670.0
30	5290	9	1	333	1	5552.0, 5328.0, 5532.0, 5420.0, 5534.0, 5428.0, 5608.0, 5256.0, 5295.0, 5471.0, 5267.0, 5645.0, 5372.0, 5616.0, 5462.0, 5449.0, 5450.0, 5478.0, 5584.0, 5404.0, 5286.0, 5579.0, 5612.0, 5359.0, 5317.0, 5685.0, 5564.0, 5494.0, 5283.0, 5329.0, 5373.0, 5574.0, 5292.0, 5324.0, 5342.0, 5581.0, 5457.0, 5491.0, 5680.0, 5470.0, 5510.0, 5396.0, 5694.0, 5540.0, 5628.0, 5504.0, 5622.0, 5599.0, 5623.0, 5438.0, 5565.0, 5656.0, 5481.0, 5347.0, 5605.0, 5492.0, 5440.0, 5255.0, 5322.0, 5695.0, 5559.0, 5556.0, 5274.0, 5674.0, 5681.0,

						5503.0, 5611.0, 5288.0, 5284.0, 5360.0, 5336.0, 5459.0, 5385.0, 5682.0, 5520.0, 5577.0, 5338.0, 5583.0, 5711.0, 5394.0, 5655.0, 5305.0, 5703.0, 5374.0, 5280.0, 5382.0, 5569.0, 5519.0, 5555.0, 5369.0, 5445.0, 5262.0, 5291.0, 5536.0, 5693.0, 5544.0, 5487.0, 5647.0, 5452.0, 5251.0
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**Radio 1, 5270-5530MHz, 20MHz,**

<b>Radar SignalType</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A</b>	15	100%	60%	pass
<b>Type 1B</b>	15	100%	60%	pass
<b>Type 2</b>	30	96.7 %	60%	Pass
<b>Type 3</b>	30	96.7 %	60%	Pass
<b>Type 4</b>	30	96.7 %	60%	Pass
<b>Aggregate(Type1 to 4)</b>	120	97.5 %	80%	Pass
<b>Type 5</b>	30	96.7 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

Please refer to the following statistical tables:

**5280MHz****Radar Type 1A Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5280	63	1	838	1
2	5280	95	1	558	1
3	5280	59	1	898	1
4	5280	83	1	638	1
5	5280	78	1	678	1
6	5280	81	1	658	1
7	5280	99	1	538	1
8	5280	68	1	778	1
9	5280	57	1	938	1
10	5280	74	1	718	1
11	5280	67	1	798	1
12	5280	58	1	918	1
13	5280	65	1	818	1
14	5280	61	1	878	1
15	5280	86	1	618	1
Detection Percentage: 100 % (>60%)					

**Radar Type 1B Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5280	89	1	597	1
2	5280	30	1	1815	1
3	5280	27	1	1964	1
4	5280	32	1	1666	1
5	5280	31	1	1718	1
6	5280	33	1	1633	1
7	5280	40	1	1328	1
8	5280	21	1	2587	1
9	5280	20	1	2703	1
10	5280	90	1	591	1
11	5280	88	1	605	1
12	5280	24	1	2280	1
13	5280	24	1	2221	1
14	5280	29	1	1828	1
15	5280	26	1	2049	1
Detection Percentage: 100 % (>60%)					

**Radar Type 2 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5280	28	2.5	166	1
2	5280	27	3.3	154	1
3	5280	28	4.9	195	1
4	5280	29	4	177	1
5	5280	29	1.2	171	1
6	5280	23	4.3	213	1
7	5280	23	1	213	1
8	5280	26	2.9	184	1
9	5280	23	1.7	161	0
10	5280	26	3.1	179	1
11	5280	26	4.8	207	1
12	5280	26	1.9	218	1
13	5280	29	4.9	166	1
14	5280	23	2.7	212	1
15	5280	25	2.4	208	1
16	5280	23	1.4	188	1
17	5280	24	4.1	183	1
18	5280	24	5	154	1
19	5280	26	4	157	1
20	5280	25	5	189	1
21	5280	26	4.7	200	1
22	5280	24	3.5	190	1
23	5280	23	2.7	187	1
24	5280	24	2.6	180	1
25	5280	24	3.8	151	1
26	5280	28	4.7	160	1
27	5280	29	3	227	1
28	5280	27	3.8	196	1
29	5280	24	1.7	151	1
30	5280	27	1.1	177	1
<b>Detection Percentage: 96.7 % (&gt;60%)</b>					

**Radar Type 3 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5280	17	6	485	1
2	5280	18	7.4	465	1
3	5280	16	6.5	459	1
4	5280	18	8.3	217	1
5	5280	17	9.5	301	1
6	5280	18	8.5	319	1
7	5280	16	8.6	450	1
8	5280	16	6.5	399	1
9	5280	16	9.1	384	1
10	5280	17	8.3	490	1
11	5280	18	8.5	246	1
12	5280	17	9.1	411	1
13	5280	16	8.5	362	1
14	5280	16	9.1	382	1
15	5280	16	8.6	211	1
16	5280	16	10	332	1
17	5280	16	6.4	227	1
18	5280	16	7.7	388	1
19	5280	17	9.7	366	1
20	5280	18	8.8	408	1
21	5280	18	8.1	426	1
22	5280	16	6.3	386	1
23	5280	16	6.9	457	1
24	5280	16	7.1	332	1
25	5280	16	9	491	1
26	5280	16	9.1	371	1
27	5280	17	7.9	287	1
28	5280	16	6.8	331	0
29	5280	17	8.3	467	1
30	5280	16	6.2	240	1
<b>Detection Percentage: 96.7 % (&gt;60%)</b>					

**Radar Type 4 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5280	15	11.1	304	1
2	5280	12	15.1	206	1
3	5280	15	16.3	361	1
4	5280	13	14.3	397	1
5	5280	13	13.8	395	1
6	5280	15	13.2	333	1
7	5280	14	20	404	1
8	5280	13	12.6	267	1
9	5280	13	11.4	375	1
10	5280	12	11.9	474	1
11	5280	12	17	336	1
12	5280	13	16.9	462	1
13	5280	15	15.5	347	1
14	5280	13	14.3	295	1
15	5280	16	19.9	321	1
16	5280	14	14.3	426	1
17	5280	14	12.7	306	1
18	5280	13	15.6	426	1
19	5280	13	18.2	451	1
20	5280	13	17.6	489	1
21	5280	15	12.3	225	1
22	5280	14	15.4	311	1
23	5280	14	19.4	210	1
24	5280	12	19.9	417	1
25	5280	13	15.8	430	1
26	5280	15	18.5	335	1
27	5280	15	13.7	483	1
28	5280	16	12.1	239	0
29	5280	16	14.6	282	1
30	5280	13	16.9	212	1
<b>Detection Percentage: 96.7 % (&gt;60%)</b>					



**Radar Type 5 Statistical Performance**

Statistics 1 (ChirpCenter Frequency: 5280.0MHz)

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	11	85.5			0.878031	1
1	2	11	86.4	1240		1.796607	
2	1	11	60			2.556419	
3	3	11	71.4	1420	1620	3.122807	
4	3	11	69.4	1095	1715	4.536752	
5	2	11	70.6	1928		5.223744	
6	3	11	86.3	1166	1178	6.336767	
7	2	11	55.5	1494		7.323919	
8	2	11	76.8	1586		8.372007	
9	3	11	69.2	1929	1187	9.03216	
10	2	11	76.4	1335		10.603586	
11	2	11	86.1	1101		11.629391	

Statistics 2 (ChirpCenter Frequency: 5280.0 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	94.9			0.035346	1
1	1	6	54.9			1.444946	
2	2	6	70.4	1518		2.227412	
3	1	6	67.7			2.760484	
4	1	6	69.6			3.659067	
5	2	6	60.2	1821		4.582523	
6	2	6	74.5	1484		5.571673	
7	2	6	89.2	1466		6.282796	
8	2	6	61.5	1701		6.405464	
9	2	6	73.3	1896		7.422168	
10	1	6	76.5			8.095533	
11	3	6	99	1639	1767	9.189753	
12	2	6	54.9	1906		10.037116	
13	2	6	52.9	1940		10.843628	
14	2	6	93.8	1833		11.213487	

## Statistics 3 (ChirpCenter Frequency: 5280.0 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	80.6	1431		0.287782	1
1	1	11	95.6			1.477158	
2	3	11	65.3	1273	1726	3.846933	
3	2	11	64.9	1907		4.345043	
4	3	11	82.3	1447	1718	6.551114	
5	2	11	80.1	1591		7.101537	
6	3	11	78.9	1763	1992	8.024222	
7	3	11	92.9	1212	1711	10.34182	
8	2	11	63.9	1669		11.552911	

## Statistics 4 (ChirpCenter Frequency: 5280.0 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	83.9	1746		0.695535	1
1	1	14	90.4			1.013622	
2	2	14	55.3	1151		2.404762	
3	1	14	54.5			2.985208	
4	2	14	64.1	1107		4.280246	
5	2	14	95.8	1868		4.966811	
6	2	14	77.8	1873		5.620531	
7	1	14	90.9			6.288146	
8	2	14	73.6	1259		7.479528	
9	2	14	61.1	1032		8.481172	
10	3	14	97.5	1449	1266	9.177035	
11	2	14	67.8	1690		10.236737	
12	1	14	81.7			10.76843	
13	2	14	85.1	1009		11.63212	

Statistics 5(ChirpCenter Frequency: 5280.0 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	67.8			0.670425	1
1	3	11	75.8	1715	1998	1.460272	
2	1	11	86.9			1.746018	
3	1	11	95.9			2.733547	
4	2	11	53.6	1837		3.53621	
5	3	11	57.5	1305	1097	4.438748	
6	2	11	55.3	1786		5.376949	
7	2	11	95.9	1284		6.327174	
8	2	11	86.4	1454		6.980107	
9	1	11	71.1			7.370675	
10	2	11	66.1	1305		8.58735	
11	1	11	68.4			9.476578	
12	1	11	78.7			10.162949	
13	3	11	71	1773	1795	10.972281	
14	1	11	70.5			11.768086	

Statistics 6 (ChirpCenter Frequency: 5280.0 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	76.3	1020		0.405134	1
1	1	11	75.7			2.187107	
2	1	11	79.3			3.683487	
3	3	11	65.7	1857	1136	5.901466	
4	2	11	94.5	1188		7.189492	
5	2	11	73.5	1804		7.622085	
6	2	11	72.4	1545		9.938393	
7	2	11	84.5	1856		11.924918	

## Statistics 7(ChirpCenter Frequency: 5280.0 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	77.2	1904	1869	0.022483	1
1	2	8	58.8	1287		1.323335	
2	2	8	60.8	1065		1.629201	
3	2	8	87.4	1357		2.8116	
4	2	8	54.7	1898		2.94554	
5	3	8	96	1699	1089	3.583666	
6	3	8	78.4	1554	1236	4.412393	
7	3	8	77	1137	1961	4.98845	
8	3	8	54.5	1926	1370	5.75799	
9	3	8	51.2	1929	1003	6.981791	
10	2	8	97.6	1467		7.718174	
11	2	8	65.8	1016		8.030892	
12	1	8	81.5			8.873163	
13	2	8	83.1	1113		9.487552	
14	1	8	70			10.484588	
15	1	8	96			10.734049	
16	1	8	56			11.597139	

## Statistics 8 (ChirpCenter Frequency: 5280.0 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	75.5			0.476688	1
1	1	13	98.4			1.076733	
2	1	13	83.5			1.708104	
3	2	13	72.9	1138		2.24992	
4	1	13	87.3			2.925145	
5	2	13	95.9	1765		3.453589	
6	3	13	78.5	1344	1724	3.814722	
7	3	13	92	1289	1242	4.578747	
8	3	13	50.5	1439	1850	5.483704	
9	2	13	80.8	1287		5.720711	
10	2	13	53.6	1329		6.661943	
11	2	13	81.5	1442		7.527457	
12	3	13	61.5	1846	1589	8.176947	
13	1	13	55.6			8.650185	
14	3	13	54.5	1848	1010	9.382016	
15	3	13	99.9	1226	1510	9.995947	
16	2	13	62.9	1748		10.691647	
17	2	13	81.3	1462		11.286898	
18	1	13	74.5			11.612541	

## Statistics 9 (ChirpCenter Frequency: 5280.0 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	89.5	1723		0.006272	1
1	2	16	97.3	1278		1.021746	
2	3	16	79.2	1288	1981	1.773716	
3	1	16	63			2.231769	
4	2	16	69.8	1191		2.710483	
5	1	16	52.3			3.505975	
6	2	16	93.9	1684		4.549283	
7	3	16	63.6	1844	1856	5.007618	
8	2	16	88.2	1939		5.790241	
9	1	16	98.2			6.222428	
10	2	16	58.3	1994		7.165926	
11	2	16	62.1	1906		7.943321	
12	1	16	90.3			8.419706	
13	2	16	78.4	1439		9.303624	
14	1	16	66.4			9.858331	
15	1	16	67.3			10.547557	
16	2	16	70.3	1630		11.179628	
17	3	16	73	1499	1721	11.419489	

## Statistics 10 (ChirpCenter Frequency: 5280.0 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	82.1	1969		0.269106	1
1	3	8	86.6	1593	1233	1.778677	
2	3	8	89.5	1771	1879	2.546088	
3	3	8	70.4	1116	1810	3.926633	
4	2	8	71.3	1501		4.496329	
5	1	8	98.3			6.353866	
6	1	8	79.8			7.059831	
7	3	8	70.6	1852	1499	8.079643	
8	3	8	59.7	1145	1574	8.97411	
9	2	8	60	1664		10.492745	
10	2	8	77.3	1283		10.938465	

## Statistics 11 (ChirpCenter Frequency: 5270.0 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	53.2	1925		1.49055	1
1	2	6	85.1	1646		2.654889	
2	2	6	99.9	1514		3.997841	
3	3	6	62.7	1602	1458	5.736232	
4	2	6	96.6	1439		7.402313	
5	3	6	60.9	1312	1288	8.451711	
6	3	6	94.1	1294	1650	9.369668	
7	3	6	72	1615	1912	11.790712	

## Statistics 12 (ChirpCenter Frequency: 5274.0 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	17	77.7			1.13892	1
1	3	17	58	1925	1525	2.236629	
2	2	17	72.3	1017		3.995734	
3	1	17	59.3			4.704978	
4	2	17	95.3	1817		5.861531	
5	2	17	69.6	1036		6.894659	
6	3	17	72.3	1247	1233	8.557059	
7	3	17	93.2	1963	1903	10.240167	
8	2	17	71.7	1972		11.334331	

## Statistics 13 (ChirpCenter Frequency: 5272.0 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	74	1831		0.555521	1
1	3	11	93.9	1886	1723	0.684112	
2	2	11	70.5	1353		1.568432	
3	3	11	70.3	1937	1052	2.343946	
4	2	11	59.7	1279		2.864697	
5	3	11	62.8	1095	1787	3.805415	
6	2	11	61.5	1844		4.541392	
7	2	11	76.3	1695		4.854739	
8	2	11	75.1	1346		5.736767	
9	2	11	73.6	1837		6.341741	
10	3	11	72.9	1003	1092	7.262143	
11	2	11	62.3	1229		7.767727	
12	3	11	76.9	1723	1303	8.446475	
13	3	11	89.7	1643	1989	8.945465	
14	2	11	76.5	1930		9.771263	
15	3	11	80.6	1712	1125	10.487162	
16	2	11	84.4	1522		11.042907	
17	2	11	80.7	1702		11.361837	

## Statistics 14 (ChirpCenter Frequency: 5274.0 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	16	83.4	1366	1793	0.63635	1
1	1	16	87.2			1.198062	
2	2	16	82.2	1150		1.451914	
3	1	16	85.6			2.268513	
4	3	16	99.9	1418	1644	2.968564	
5	2	16	87.1	1387		3.446257	
6	3	16	55.9	1387	1435	4.26913	
7	1	16	55.9			4.926706	
8	3	16	97.5	1512	1549	5.596446	
9	3	16	52.1	1831	1782	6.644693	
10	1	16	61.3			7.230643	
11	1	16	97.5			7.934277	
12	2	16	68.4	1328		8.487823	
13	3	16	93.9	1399	1772	8.679683	
14	1	16	57			9.663638	
15	2	16	52.7	1938		10.482733	
16	3	16	96.2	1236	1006	11.100571	
17	3	16	59.6	1628	1757	11.339524	

## Statistics 15 (ChirpCenter Frequency: 5274.0 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	17	51.9	1034	1543	0.859971	1
1	2	17	68.7	1298		2.110002	
2	3	17	50.5	1721	1786	3.464786	
3	1	17	93.1			4.793586	
4	1	17	57.7			6.211553	
5	1	17	89.4			7.727268	
6	2	17	73.1	1363		8.125618	
7	3	17	56.2	1163	1369	10.373975	
8	2	17	98.8	1718		10.693822	

## Statistics 16 (ChirpCenter Frequency: 5274.0 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	70.6			0.48077	1
1	1	16	91.4			0.933035	
2	1	16	77.1			2.266803	
3	3	16	64.2	1083	1127	3.189354	
4	2	16	66.9	1765		4.043038	
5	2	16	82.2	1644		4.430538	
6	1	16	87.1			5.23782	
7	2	16	74.4	1461		6.850987	
8	2	16	60	1946		7.273276	
9	2	16	89.8	1425		7.758194	
10	3	16	64.8	1806	1454	9.421747	
11	2	16	53.9	1105		10.26753	
12	1	16	78.8			10.76359	
13	2	16	77.3	1077		11.982987	



## Statistics 17 (ChirpCenter Frequency: 5270.0 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	67.8	1447		0.78689	1
1	2	6	73.3	1302		1.692828	
2	3	6	69.9	1239	1897	3.027197	
3	2	6	92.3	1266		3.896964	
4	2	6	73.3	1360		4.753662	
5	2	6	57.5	1066		5.824314	
6	3	6	52.9	1269	1145	7.550065	
7	2	6	54.2	1594		8.096903	
8	2	6	73.6	1291		9.722955	
9	2	6	60.3	1685		10.892572	
10	2	6	52.7	1433		10.958035	

## Statistics 18 (ChirpCenter Frequency: 5270.0 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	77.5	1378	1518	0.599112	0
1	2	6	84.9	1812		1.196578	
2	2	6	69.2	1166		2.126171	
3	3	6	90	1642	1084	3.154006	
4	1	6	87.1			3.875449	
5	1	6	51.9			4.837141	
6	1	6	54.3			5.830831	
7	2	6	62.9	1941		6.284667	
8	2	6	80.5	1524		6.90675	
9	2	6	51.1	1888		7.945743	
10	2	6	50.7	1578		8.915371	
11	3	6	55.9	1304	1766	9.612619	
12	2	6	73.5	1669		10.605665	
13	1	6	74.2			11.574291	

## Statistics 19 (ChirpCenter Frequency: 5275.0 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	19	94.9	1742	1290	0.171306	1
1	2	19	82.5	1171		1.41334	
2	1	19	83.4			2.128343	
3	2	19	57.7	1543		2.642885	
4	2	19	93.2	1917		3.64286	
5	1	19	60.1			4.280988	
6	3	19	94.1	1868	1328	4.563271	
7	2	19	61.6	1198		5.625218	
8	1	19	88.7			6.407084	
9	2	19	65	1526		6.754176	
10	3	19	94.6	1118	1221	7.637588	
11	2	19	93.8	1418		8.88241	
12	2	19	74.9	1059		9.340532	
13	2	19	83.6	1315		10.109305	
14	3	19	55.4	1599	1493	10.858126	
15	3	19	89.5	1920	1677	11.526902	

## Statistics 20 (ChirpCenter Frequency: 5276.0 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	20	80.8			0.211161	1
1	3	20	82.6	1702	1646	2.689646	
2	3	20	53.7	1793	1517	3.681516	
3	1	20	53.8			5.876443	
4	2	20	94.9	1099		6.790709	
5	1	20	73.5			8.016584	
6	2	20	79.7	1214		10.359858	
7	2	20	81.9	1170		10.946326	

## Statistics 21 (ChirpCenter Frequency: 5288.0 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	60.8	1315		0.593731	1
1	2	6	58.3	1842		0.963944	
2	2	6	91.1	1808		1.406132	
3	2	6	88.8	1512		2.333762	
4	3	6	90.8	1206	1464	3.281776	
5	2	6	60.2	1289		3.945546	
6	2	6	93.5	1546		4.14737	
7	2	6	52	1896		4.81015	
8	2	6	94.6	1681		5.429262	
9	3	6	64.3	1123	1801	6.499737	
10	2	6	72.6	1931		6.811985	
11	2	6	78.7	1264		7.949017	
12	1	6	98.5			8.544328	
13	3	6	99.6	1811	1320	8.961449	
14	2	6	72.4	1255		9.735271	
15	2	6	74.6	1997		10.440823	
16	2	6	51.1	1135		11.215195	
17	2	6	64.7	1417		11.364207	

## Statistics 22 (ChirpCenter Frequency: 5286.0 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	77.2	1012		0.249913	1
1	2	10	90.9	1473		1.100552	
2	2	10	70	1227		1.593064	
3	2	10	60.2	1754		2.235685	
4	1	10	96.1			2.956434	
5	2	10	92.3	1324		3.41117	
6	3	10	79.6	1846	1257	4.287783	
7	3	10	91	1630	1882	4.90022	
8	3	10	80.8	1871	1547	5.48736	
9	1	10	65.1			5.783969	
10	2	10	52.7	1764		6.638172	
11	1	10	70.5			7.35626	
12	1	10	54.8			7.946923	
13	3	10	94.1	1718	1390	8.695851	
14	2	10	85.5	1327		9.103652	
15	1	10	60.2			9.713895	
16	2	10	98.6	1659		10.128141	
17	2	10	51.4	1603		11.25468	
18	1	10	83.8			11.552036	

## Statistics 23 (ChirpCenter Frequency: 5284.0 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	63.9	1551		0.498728	1
1	2	17	59.4	1504		0.795272	
2	2	17	56.3	1071		1.830297	
3	2	17	50.4	1651		2.669204	
4	1	17	84.5			3.044628	
5	3	17	92.9	1475	1670	3.811104	
6	3	17	87.4	1617	1091	4.529213	
7	3	17	99.9	1808	1921	5.505905	
8	3	17	75.1	1531	1465	6.67727	
9	1	17	65.3			6.986721	
10	2	17	98.6	1468		8.112823	
11	2	17	87.2	1356		8.726382	
12	3	17	59.3	1640	1220	9.510818	
13	2	17	93.6	1576		9.974985	
14	2	17	75.8	1100		11.130701	
15	1	17	50.5			11.910773	

## Statistics 24 (ChirpCenter Frequency: 5287.0 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	72.3	1359	1007	0.447494	1
1	1	9	89.2			1.129511	
2	2	9	85.2	1885		1.873127	
3	2	9	68.7	1592		2.308509	
4	2	9	82.4	1474		3.49369	
5	2	9	88.9	1325		3.549472	
6	2	9	70.1	1674		4.781459	
7	3	9	98.5	1488	1343	5.624746	
8	1	9	76.3			6.13434	
9	1	9	57.3			6.847529	
10	2	9	55.7	1447		7.37254	
11	1	9	76.7			8.302955	
12	2	9	90.3	1508		8.755952	
13	2	9	65.9	1494		9.578636	
14	1	9	50.6			10.23359	
15	2	9	52.5	1462		10.74626	
16	1	9	95.1			11.863697	

## Statistics 25 (ChirpCenter Frequency: 5285.0 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	81.3	1702		0.144982	1
1	1	14	97.8			1.784134	
2	2	14	57.8	1623		3.221625	
3	1	14	57.2			4.613907	
4	1	14	83.5			6.009119	
5	2	14	59.5	1986		6.932497	
6	2	14	73	1014		8.463091	
7	1	14	70.9			9.895158	
8	3	14	65.7	1675	1472	11.97295	

## Statistics 26 (ChirpCenter Frequency: 5286.0 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	88	1712	1513	0.877104	1
1	1	11	77.3			2.177908	
2	2	11	93.9	1640		3.072764	
3	2	11	78.5	1565		4.611715	
4	2	11	69.9	1126		5.560647	
5	3	11	84.4	1788	1596	7.608217	
6	1	11	71.5			8.478325	
7	1	11	54.3			9.685716	
8	1	11	75.8			11.77222	

## Statistics 27 (ChirpCenter Frequency: 5287.0 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	56	1043	1339	0.580108	1
1	1	8	55.5			1.154635	
2	3	8	97	1212	1081	1.751355	
3	2	8	83	1517		1.892178	
4	1	8	80.5			2.760716	
5	1	8	83.7			3.255623	
6	2	8	91.7	1194		3.802035	
7	1	8	53.5			4.454196	
8	2	8	94.6	1668		4.894	
9	2	8	63.3	1563		5.956645	
10	2	8	78.7	1475		6.267397	
11	2	8	99.5	1644		7.127416	
12	2	8	53.9	1236		7.206798	
13	2	8	70.6	1467		7.805403	
14	2	8	71.2	1217		8.954248	
15	3	8	51.6	1730	1672	9.56402	
16	2	8	66	1619		9.931761	
17	1	8	98.1			10.429692	
18	2	8	77.9	1415		10.835406	
19	2	8	80.6	1986		11.877974	

## Statistics 28 (ChirpCenter Frequency: 5288.0 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	64.9	1126		0.83201	1
1	2	6	58.6	1980		1.449281	
2	2	6	91.2	1520		1.861586	
3	2	6	74.5	1774		3.129167	
4	3	6	63.8	1114	1584	3.551186	
5	1	6	54.1			4.703706	
6	2	6	76.1	1231		5.584282	
7	3	6	60	1873	1811	6.050142	
8	2	6	61.5	1630		7.657153	
9	2	6	86.1	1530		8.233806	
10	2	6	82.2	1997		9.012224	
11	2	6	86	1866		9.783529	
12	3	6	70.3	1445	1158	11.103202	
13	2	6	77.6	1983		11.403707	

## Statistics 29 (ChirpCenter Frequency: 5284.0 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	17	75.3	1812	1961	1.215498	1
1	3	17	61.2	1793	1298	2.150975	
2	1	17	67.9			3.424638	
3	2	17	87.4	1337		4.646409	
4	1	17	62.7			6.528258	
5	3	17	64.2	1839	1963	7.978731	
6	2	17	64.3	1240		9.060267	
7	2	17	83.8	1588		9.902322	
8	2	17	70	1818		10.851443	

## Statistics 30 (ChirpCenter Frequency: 5288.0 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	89.1	1978		0.496327	1
1	2	5	78.3	1875		1.396823	
2	1	5	55.3			1.870581	
3	3	5	87.3	1025	1138	3.490715	
4	2	5	82.5	1412		4.292931	
5	3	5	62.8	1830	1596	4.920204	
6	1	5	98			5.995549	
7	2	5	88.7	1341		7.199032	
8	2	5	84.5	1351		7.480493	
9	2	5	65.7	1968		8.769619	
10	2	5	82.7	1502		9.297071	
11	2	5	98.5	1399		10.316589	
12	2	5	61.5	1131		11.333571	

**Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence (MHz)
1	5280	9	1	333	1	5684.0, 5470.0, 5273.0, 5681.0, 5578.0, 5435.0, 5700.0, 5398.0, 5396.0, 5675.0, 5305.0, 5507.0, 5400.0, 5271.0, 5254.0, 5589.0, 5582.0, 5473.0, 5644.0, 5490.0, 5329.0, 5261.0, 5489.0, 5434.0, 5634.0, 5454.0, 5541.0, 5475.0, 5379.0, 5365.0, 5522.0, 5672.0, 5453.0, 5496.0, 5414.0, 5392.0, 5638.0, 5308.0, 5289.0, 5514.0, 5323.0, 5707.0, 5706.0, 5674.0, 5270.0, 5723.0, 5292.0, 5498.0, 5255.0, 5354.0, 5353.0, 5287.0, 5465.0, 5688.0, 5368.0, 5595.0, 5719.0, 5297.0, 5512.0, 5636.0, 5425.0, 5635.0, 5516.0, 5662.0, 5711.0, 5517.0, 5385.0, 5460.0, 5583.0, 5699.0, 5669.0, 5391.0, 5493.0, 5552.0, 5671.0, 5571.0, 5342.0, 5258.0, 5393.0, 5716.0, 5409.0, 5597.0, 5377.0, 5443.0, 5664.0, 5628.0, 5642.0, 5332.0, 5450.0, 5509.0, 5587.0, 5362.0, 5598.0, 5640.0, 5389.0, 5536.0, 5482.0, 5641.0, 5534.0, 5592.0
2	5280	9	1	333	1	5478.0, 5595.0, 5328.0, 5405.0, 5461.0, 5599.0, 5311.0, 5619.0, 5614.0, 5616.0, 5534.0, 5388.0, 5314.0, 5321.0, 5489.0, 5474.0, 5609.0, 5510.0, 5723.0, 5306.0, 5263.0, 5683.0, 5308.0, 5335.0, 5455.0, 5554.0, 5672.0, 5670.0, 5699.0, 5313.0, 5464.0, 5433.0, 5491.0, 5579.0, 5285.0, 5649.0, 5494.0, 5563.0, 5551.0, 5435.0, 5291.0, 5378.0, 5369.0, 5632.0, 5700.0, 5539.0, 5622.0, 5327.0, 5292.0, 5506.0, 5645.0, 5705.0, 5627.0, 5417.0, 5525.0, 5610.0, 5552.0, 5652.0, 5386.0, 5419.0, 5446.0, 5631.0, 5404.0, 5605.0, 5398.0, 5708.0, 5659.0, 5621.0, 5596.0, 5253.0, 5480.0, 5432.0, 5476.0, 5592.0, 5691.0, 5286.0, 5430.0, 5535.0, 5637.0, 5324.0, 5375.0, 5268.0, 5391.0, 5364.0, 5471.0, 5275.0, 5624.0, 5678.0, 5542.0, 5342.0, 5709.0, 5303.0, 5371.0, 5521.0, 5354.0, 5424.0, 5269.0, 5582.0, 5472.0, 5410.0
3	5280	9	1	333	1	5278.0, 5623.0, 5404.0, 5280.0, 5590.0, 5597.0, 5510.0, 5538.0, 5680.0, 5473.0, 5593.0, 5643.0, 5499.0, 5659.0, 5356.0, 5397.0, 5580.0, 5526.0, 5553.0, 5641.0, 5608.0, 5516.0, 5275.0, 5583.0, 5588.0, 5471.0, 5501.0, 5389.0, 5439.0, 5257.0, 5705.0, 5476.0, 5486.0, 5642.0, 5525.0, 5443.0, 5344.0, 5634.0, 5434.0, 5719.0, 5464.0, 5504.0, 5537.0, 5512.0, 5382.0, 5267.0, 5447.0, 5421.0, 5569.0, 5551.0, 5684.0, 5259.0, 5383.0, 5334.0, 5343.0, 5717.0, 5591.0, 5671.0, 5603.0, 5622.0, 5318.0, 5372.0, 5564.0, 5324.0, 5555.0



						5698.0, 5393.0, 5586.0, 5390.0, 5380.0, 5585.0, 5298.0, 5508.0, 5303.0, 5631.0, 5560.0, 5394.0, 5416.0, 5368.0, 5533.0, 5675.0, 5567.0, 5518.0, 5378.0, 5582.0, 5436.0, 5373.0, 5481.0, 5503.0, 5505.0, 5628.0, 5407.0, 5695.0, 5414.0, 5428.0, 5355.0, 5462.0, 5581.0, 5562.0, 5595.0
4	5280	9	1	333	1	5591.0, 5665.0, 5437.0, 5317.0, 5387.0, 5524.0, 5560.0, 5290.0, 5615.0, 5379.0, 5385.0, 5603.0, 5640.0, 5533.0, 5389.0, 5306.0, 5650.0, 5548.0, 5633.0, 5503.0, 5479.0, 5352.0, 5314.0, 5495.0, 5500.0, 5606.0, 5268.0, 5585.0, 5613.0, 5364.0, 5592.0, 5476.0, 5274.0, 5484.0, 5525.0, 5583.0, 5690.0, 5430.0, 5371.0, 5445.0, 5608.0, 5653.0, 5679.0, 5328.0, 5482.0, 5295.0, 5267.0, 5460.0, 5636.0, 5309.0, 5529.0, 5601.0, 5698.0, 5704.0, 5326.0, 5519.0, 5573.0, 5411.0, 5299.0, 5542.0, 5515.0, 5308.0, 5360.0, 5574.0, 5475.0, 5390.0, 5589.0, 5717.0, 5271.0, 5454.0, 5357.0, 5362.0, 5423.0, 5584.0, 5563.0, 5386.0, 5680.0, 5415.0, 5646.0, 5489.0, 5539.0, 5347.0, 5257.0, 5325.0, 5346.0, 5635.0, 5711.0, 5649.0, 5459.0, 5263.0, 5301.0, 5419.0, 5694.0, 5685.0, 5256.0, 5425.0, 5605.0, 5439.0, 5578.0, 5644.0
5	5280	9	1	333	1	5580.0, 5564.0, 5609.0, 5394.0, 5586.0, 5395.0, 5253.0, 5455.0, 5701.0, 5502.0, 5683.0, 5660.0, 5454.0, 5548.0, 5401.0, 5599.0, 5483.0, 5345.0, 5384.0, 5254.0, 5333.0, 5491.0, 5354.0, 5445.0, 5566.0, 5440.0, 5506.0, 5463.0, 5710.0, 5555.0, 5662.0, 5670.0, 5721.0, 5479.0, 5418.0, 5426.0, 5659.0, 5422.0, 5315.0, 5377.0, 5313.0, 5416.0, 5500.0, 5647.0, 5504.0, 5593.0, 5433.0, 5352.0, 5469.0, 5364.0, 5650.0, 5575.0, 5415.0, 5675.0, 5680.0, 5341.0, 5584.0, 5538.0, 5342.0, 5325.0, 5456.0, 5519.0, 5390.0, 5356.0, 5705.0, 5590.0, 5605.0, 5565.0, 5470.0, 5347.0, 5563.0, 5529.0, 5326.0, 5627.0, 5628.0, 5517.0, 5301.0, 5611.0, 5403.0, 5703.0, 5607.0, 5556.0, 5598.0, 5493.0, 5639.0, 5468.0, 5462.0, 5646.0, 5716.0, 5482.0, 5429.0, 5386.0, 5706.0, 5350.0, 5514.0, 5674.0, 5450.0, 5330.0, 5625.0, 5287.0
6	5280	9	1	333	1	5359.0, 5629.0, 5465.0, 5443.0, 5351.0, 5577.0, 5451.0, 5653.0, 5580.0, 5308.0, 5617.0, 5502.0, 5411.0, 5633.0, 5544.0, 5388.0, 5436.0, 5446.0, 5558.0, 5703.0, 5268.0, 5715.0, 5621.0, 5672.0, 5491.0, 5528.0, 5298.0, 5413.0, 5570.0, 5561.0, 5435.0, 5489.0, 5717.0, 5382.0, 5718.0, 5524.0, 5404.0, 5612.0, 5497.0, 5490.0, 5486.0, 5722.0, 5390.0, 5498.0, 5460.0, 5523.0, 5610.0, 5488.0, 5452.0, 5670.0, 5663.0, 5342.0, 5520.0, 5479.0, 5539.0, 5379.0, 5466.0, 5267.0, 5699.0, 5627.0, 5311.0, 5415.0, 5574.0, 5398.0, 5710.0,

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7	5280	9	1	333	1	5494.0, 5432.0, 5530.0, 5283.0, 5498.0, 5368.0, 5602.0, 5330.0, 5639.0, 5694.0, 5506.0, 5604.0, 5419.0, 5415.0, 5641.0, 5295.0, 5275.0, 5349.0, 5394.0, 5617.0, 5556.0, 5453.0, 5306.0, 5345.0, 5302.0, 5647.0, 5344.0, 5527.0, 5720.0, 5553.0, 5337.0, 5722.0, 5489.0, 5699.0, 5591.0, 5521.0, 5408.0, 5348.0, 5399.0, 5298.0, 5613.0, 5474.0, 5358.0, 5615.0, 5518.0, 5342.0, 5395.0, 5643.0, 5569.0, 5299.0, 5503.0, 5375.0, 5559.0, 5704.0, 5310.0, 5373.0, 5636.0, 5425.0, 5512.0, 5581.0, 5274.0, 5717.0, 5269.0, 5497.0, 5267.0, 5416.0, 5456.0, 5258.0, 5593.0, 5658.0, 5582.0, 5583.0, 5691.0, 5259.0, 5320.0, 5508.0, 5371.0, 5435.0, 5684.0, 5595.0, 5352.0, 5631.0, 5689.0, 5592.0, 5418.0, 5586.0, 5522.0, 5496.0, 5282.0, 5392.0, 5630.0, 5270.0, 5519.0, 5705.0, 5715.0, 5357.0, 5436.0, 5407.0, 5680.0, 5441.0
8	5280	9	1	333	1	5350.0, 5718.0, 5620.0, 5286.0, 5422.0, 5318.0, 5495.0, 5698.0, 5352.0, 5287.0, 5256.0, 5720.0, 5288.0, 5673.0, 5492.0, 5254.0, 5572.0, 5583.0, 5255.0, 5438.0, 5672.0, 5447.0, 5360.0, 5393.0, 5459.0, 5678.0, 5534.0, 5528.0, 5314.0, 5392.0, 5612.0, 5599.0, 5513.0, 5304.0, 5340.0, 5507.0, 5356.0, 5705.0, 5557.0, 5293.0, 5546.0, 5379.0, 5473.0, 5474.0, 5475.0, 5432.0, 5306.0, 5279.0, 5291.0, 5461.0, 5648.0, 5462.0, 5565.0, 5659.0, 5532.0, 5699.0, 5610.0, 5320.0, 5294.0, 5587.0, 5667.0, 5415.0, 5477.0, 5616.0, 5669.0, 5692.0, 5511.0, 5624.0, 5562.0, 5403.0, 5364.0, 5410.0, 5514.0, 5522.0, 5552.0, 5697.0, 5723.0, 5414.0, 5483.0, 5370.0, 5579.0, 5641.0, 5377.0, 5427.0, 5349.0, 5327.0, 5262.0, 5345.0, 5706.0, 5524.0, 5526.0, 5343.0, 5309.0, 5547.0, 5550.0, 5284.0, 5409.0, 5445.0, 5324.0, 5628.0
9	5280	9	1	333	1	5553.0, 5592.0, 5303.0, 5330.0, 5437.0, 5639.0, 5277.0, 5519.0, 5525.0, 5492.0, 5513.0, 5252.0, 5637.0, 5481.0, 5586.0, 5521.0, 5433.0, 5359.0, 5307.0, 5397.0, 5638.0, 5571.0, 5654.0, 5319.0, 5716.0, 5500.0, 5337.0, 5607.0, 5316.0, 5325.0, 5261.0, 5366.0, 5420.0, 5699.0, 5631.0, 5676.0, 5520.0, 5630.0, 5625.0, 5379.0, 5591.0, 5338.0, 5430.0, 5301.0, 5310.0, 5324.0, 5597.0, 5376.0, 5497.0, 5512.0, 5576.0, 5711.0, 5636.0, 5678.0, 5499.0, 5388.0, 5384.0, 5290.0, 5613.0, 5619.0, 5432.0, 5489.0, 5490.0, 5464.0, 5634.0

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10	5280	9	1	333	1	5326.0, 5557.0, 5503.0, 5491.0, 5644.0, 5274.0, 5575.0, 5318.0, 5301.0, 5463.0, 5401.0, 5605.0, 5601.0, 5364.0, 5670.0, 5467.0, 5555.0, 5697.0, 5662.0, 5351.0, 5717.0, 5542.0, 5594.0, 5300.0, 5255.0, 5609.0, 5375.0, 5271.0, 5287.0, 5613.0, 5462.0, 5434.0, 5500.0, 5449.0, 5284.0, 5468.0, 5545.0, 5479.0, 5606.0, 5425.0, 5335.0, 5399.0, 5260.0, 5476.0, 5577.0, 5646.0, 5674.0, 5658.0, 5390.0, 5628.0, 5456.0, 5307.0, 5376.0, 5586.0, 5639.0, 5502.0, 5261.0, 5629.0, 5281.0, 5341.0, 5431.0, 5572.0, 5441.0, 5637.0, 5357.0, 5278.0, 5359.0, 5568.0, 5715.0, 5329.0, 5558.0, 5273.0, 5708.0, 5387.0, 5539.0, 5324.0, 5472.0, 5565.0, 5679.0, 5394.0, 5368.0, 5537.0, 5436.0, 5645.0, 5285.0, 5437.0, 5405.0, 5483.0, 5322.0, 5581.0, 5485.0, 5397.0, 5411.0, 5345.0, 5538.0, 5413.0, 5660.0, 5592.0, 5604.0, 5512.0
11	5280	9	1	333	1	5705.0, 5399.0, 5401.0, 5649.0, 5615.0, 5398.0, 5402.0, 5502.0, 5675.0, 5582.0, 5566.0, 5458.0, 5506.0, 5552.0, 5521.0, 5277.0, 5688.0, 5587.0, 5546.0, 5695.0, 5426.0, 5668.0, 5461.0, 5302.0, 5417.0, 5360.0, 5598.0, 5593.0, 5642.0, 5635.0, 5408.0, 5258.0, 5689.0, 5548.0, 5312.0, 5564.0, 5716.0, 5658.0, 5637.0, 5497.0, 5440.0, 5448.0, 5531.0, 5690.0, 5282.0, 5265.0, 5619.0, 5616.0, 5672.0, 5351.0, 5480.0, 5256.0, 5481.0, 5375.0, 5577.0, 5646.0, 5343.0, 5530.0, 5591.0, 5452.0, 5482.0, 5511.0, 5476.0, 5475.0, 5330.0, 5697.0, 5606.0, 5284.0, 5384.0, 5390.0, 5554.0, 5427.0, 5304.0, 5373.0, 5495.0, 5325.0, 5596.0, 5340.0, 5455.0, 5355.0, 5622.0, 5296.0, 5405.0, 5549.0, 5597.0, 5345.0, 5289.0, 5324.0, 5557.0, 5446.0, 5251.0, 5381.0, 5437.0, 5639.0, 5326.0, 5394.0, 5369.0, 5454.0, 5469.0, 5533.0
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						5631.0, 5322.0, 5324.0, 5273.0, 5637.0, 5299.0, 5380.0, 5338.0, 5598.0, 5717.0, 5377.0, 5370.0, 5475.0, 5267.0, 5401.0, 5359.0, 5723.0, 5389.0, 5427.0, 5467.0, 5350.0, 5302.0, 5440.0, 5306.0, 5447.0, 5409.0, 5696.0, 5464.0, 5292.0, 5718.0, 5406.0, 5348.0, 5266.0, 5268.0, 5411.0
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14	5280	9	1	333	1	5590.0, 5597.0, 5328.0, 5361.0, 5613.0, 5274.0, 5715.0, 5531.0, 5515.0, 5533.0, 5445.0, 5400.0, 5330.0, 5700.0, 5275.0, 5446.0, 5512.0, 5347.0, 5332.0, 5416.0, 5557.0, 5321.0, 5362.0, 5294.0, 5702.0, 5420.0, 5602.0, 5505.0, 5497.0, 5625.0, 5484.0, 5600.0, 5383.0, 5506.0, 5571.0, 5535.0, 5686.0, 5402.0, 5678.0, 5546.0, 5609.0, 5615.0, 5449.0, 5318.0, 5282.0, 5466.0, 5654.0, 5621.0, 5258.0, 5720.0, 5539.0, 5492.0, 5322.0, 5708.0, 5519.0, 5525.0, 5567.0, 5584.0, 5608.0, 5465.0, 5341.0, 5540.0, 5545.0, 5544.0, 5710.0, 5550.0, 5502.0, 5415.0, 5493.0, 5457.0, 5610.0, 5300.0, 5669.0, 5701.0, 5527.0, 5561.0, 5319.0, 5301.0, 5656.0, 5299.0, 5316.0, 5606.0, 5287.0, 5640.0, 5572.0, 5565.0, 5386.0, 5623.0, 5433.0, 5439.0, 5278.0, 5336.0, 5394.0, 5498.0, 5553.0, 5645.0, 5671.0, 5666.0, 5642.0, 5265.0
15	5280	9	1	333	1	5334.0, 5714.0, 5666.0, 5383.0, 5275.0, 5561.0, 5673.0, 5706.0, 5285.0, 5667.0, 5654.0, 5467.0, 5507.0, 5404.0, 5724.0, 5367.0, 5361.0, 5672.0, 5280.0, 5421.0, 5701.0, 5265.0, 5480.0, 5294.0, 5580.0, 5476.0, 5493.0, 5311.0, 5530.0, 5447.0, 5473.0, 5266.0, 5670.0, 5546.0, 5451.0, 5519.0, 5278.0, 5678.0, 5581.0, 5702.0, 5355.0, 5292.0, 5458.0, 5687.0, 5601.0, 5540.0, 5377.0, 5622.0, 5327.0, 5381.0, 5501.0, 5475.0, 5345.0, 5545.0, 5641.0, 5303.0, 5439.0, 5284.0, 5455.0, 5539.0, 5591.0, 5697.0, 5468.0, 5282.0, 5627.0,

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17	5280	9	1	333	1	5531.0, 5434.0, 5507.0, 5572.0, 5388.0, 5569.0, 5513.0, 5662.0, 5433.0, 5676.0, 5259.0, 5647.0, 5586.0, 5553.0, 5611.0, 5311.0, 5467.0, 5252.0, 5420.0, 5396.0, 5534.0, 5440.0, 5465.0, 5387.0, 5393.0, 5604.0, 5600.0, 5664.0, 5608.0, 5288.0, 5300.0, 5596.0, 5370.0, 5591.0, 5406.0, 5345.0, 5599.0, 5580.0, 5691.0, 5541.0, 5606.0, 5703.0, 5301.0, 5643.0, 5532.0, 5657.0, 5716.0, 5317.0, 5684.0, 5659.0, 5267.0, 5354.0, 5677.0, 5335.0, 5702.0, 5377.0, 5547.0, 5458.0, 5322.0, 5722.0, 5416.0, 5712.0, 5369.0, 5517.0, 5577.0, 5633.0, 5251.0, 5648.0, 5521.0, 5309.0, 5283.0, 5418.0, 5555.0, 5427.0, 5438.0, 5607.0, 5430.0, 5639.0, 5469.0, 5514.0, 5508.0, 5431.0, 5371.0, 5324.0, 5632.0, 5477.0, 5373.0, 5654.0, 5610.0, 5494.0, 5282.0, 5715.0, 5491.0, 5319.0, 5455.0, 5518.0, 5445.0, 5627.0, 5624.0, 5668.0
18	5280	9	1	333	1	5581.0, 5697.0, 5595.0, 5650.0, 5285.0, 5579.0, 5615.0, 5523.0, 5546.0, 5328.0, 5556.0, 5460.0, 5679.0, 5270.0, 5404.0, 5696.0, 5458.0, 5324.0, 5709.0, 5443.0, 5326.0, 5485.0, 5407.0, 5652.0, 5668.0, 5554.0, 5323.0, 5453.0, 5540.0, 5289.0, 5719.0, 5693.0, 5682.0, 5643.0, 5597.0, 5473.0, 5574.0, 5265.0, 5642.0, 5630.0, 5332.0, 5702.0, 5392.0, 5640.0, 5325.0, 5683.0, 5533.0, 5474.0, 5600.0, 5525.0, 5421.0, 5549.0, 5491.0, 5467.0, 5646.0, 5448.0, 5517.0, 5623.0, 5698.0, 5481.0, 5315.0, 5651.0, 5423.0, 5508.0, 5440.0

						5382.0, 5484.0, 5312.0, 5360.0, 5494.0, 5311.0, 5436.0, 5649.0, 5612.0, 5498.0, 5720.0, 5437.0, 5492.0, 5416.0, 5272.0, 5617.0, 5334.0, 5644.0, 5355.0, 5251.0, 5438.0, 5417.0, 5420.0, 5327.0, 5264.0, 5653.0, 5570.0, 5496.0, 5535.0, 5356.0, 5391.0, 5571.0, 5622.0, 5359.0, 5314.0
19	5280	9	1	333	1	5311.0, 5585.0, 5298.0, 5306.0, 5514.0, 5390.0, 5494.0, 5349.0, 5426.0, 5710.0, 5389.0, 5460.0, 5292.0, 5436.0, 5395.0, 5284.0, 5557.0, 5578.0, 5530.0, 5434.0, 5475.0, 5399.0, 5405.0, 5415.0, 5655.0, 5331.0, 5366.0, 5486.0, 5353.0, 5273.0, 5495.0, 5566.0, 5351.0, 5633.0, 5289.0, 5442.0, 5723.0, 5277.0, 5282.0, 5586.0, 5433.0, 5611.0, 5346.0, 5323.0, 5338.0, 5256.0, 5621.0, 5501.0, 5658.0, 5542.0, 5639.0, 5706.0, 5523.0, 5708.0, 5297.0, 5438.0, 5552.0, 5372.0, 5559.0, 5549.0, 5696.0, 5690.0, 5382.0, 5654.0, 5413.0, 5564.0, 5567.0, 5407.0, 5448.0, 5260.0, 5550.0, 5312.0, 5270.0, 5369.0, 5505.0, 5582.0, 5435.0, 5592.0, 5483.0, 5411.0, 5674.0, 5607.0, 5274.0, 5279.0, 5302.0, 5718.0, 5428.0, 5391.0, 5625.0, 5450.0, 5334.0, 5675.0, 5264.0, 5516.0, 5502.0, 5602.0, 5672.0, 5258.0, 5700.0, 5293.0
20	5280	9	1	333	1	5286.0, 5661.0, 5485.0, 5323.0, 5255.0, 5384.0, 5720.0, 5518.0, 5630.0, 5272.0, 5410.0, 5709.0, 5664.0, 5312.0, 5304.0, 5352.0, 5699.0, 5680.0, 5679.0, 5697.0, 5443.0, 5505.0, 5642.0, 5269.0, 5412.0, 5400.0, 5492.0, 5328.0, 5536.0, 5490.0, 5391.0, 5422.0, 5294.0, 5636.0, 5613.0, 5643.0, 5662.0, 5297.0, 5609.0, 5353.0, 5370.0, 5377.0, 5620.0, 5285.0, 5371.0, 5596.0, 5461.0, 5483.0, 5251.0, 5515.0, 5348.0, 5488.0, 5681.0, 5425.0, 5267.0, 5548.0, 5528.0, 5654.0, 5397.0, 5273.0, 5389.0, 5475.0, 5364.0, 5406.0, 5647.0, 5445.0, 5265.0, 5421.0, 5338.0, 5591.0, 5408.0, 5351.0, 5660.0, 5631.0, 5432.0, 5579.0, 5325.0, 5350.0, 5398.0, 5357.0, 5373.0, 5608.0, 5366.0, 5503.0, 5658.0, 5514.0, 5626.0, 5468.0, 5610.0, 5402.0, 5416.0, 5330.0, 5396.0, 5284.0, 5715.0, 5567.0, 5606.0, 5356.0, 5547.0, 5590.0
21	5280	9	1	333	1	5358.0, 5626.0, 5497.0, 5653.0, 5699.0, 5534.0, 5584.0, 5668.0, 5629.0, 5614.0, 5391.0, 5466.0, 5409.0, 5634.0, 5491.0, 5535.0, 5715.0, 5319.0, 5609.0, 5455.0, 5394.0, 5630.0, 5572.0, 5687.0, 5314.0, 5467.0, 5591.0, 5580.0, 5474.0, 5566.0, 5443.0, 5713.0, 5320.0, 5561.0, 5421.0, 5646.0, 5390.0, 5522.0, 5608.0, 5616.0, 5684.0, 5676.0, 5675.0, 5461.0, 5673.0, 5573.0, 5654.0, 5454.0, 5348.0, 5318.0, 5313.0, 5571.0, 5277.0, 5505.0, 5370.0, 5581.0, 5579.0, 5254.0, 5480.0, 5291.0, 5412.0, 5682.0, 5692.0, 5688.0, 5693.0

						5574.0, 5425.0, 5698.0, 5283.0, 5481.0, 5714.0, 5458.0, 5649.0, 5710.0, 5611.0, 5456.0, 5357.0, 5315.0, 5604.0, 5711.0, 5704.0, 5666.0, 5428.0, 5504.0, 5369.0, 5292.0, 5304.0, 5716.0, 5436.0, 5494.0, 5444.0, 5520.0, 5592.0, 5278.0, 5376.0, 5554.0, 5328.0, 5365.0, 5549.0, 5380.0
22	5280	9	1	333	1	5453.0, 5674.0, 5273.0, 5538.0, 5608.0, 5389.0, 5624.0, 5527.0, 5475.0, 5695.0, 5591.0, 5415.0, 5380.0, 5381.0, 5529.0, 5548.0, 5322.0, 5705.0, 5693.0, 5652.0, 5356.0, 5506.0, 5519.0, 5526.0, 5320.0, 5532.0, 5566.0, 5424.0, 5393.0, 5712.0, 5517.0, 5469.0, 5653.0, 5431.0, 5688.0, 5323.0, 5558.0, 5524.0, 5443.0, 5648.0, 5445.0, 5503.0, 5593.0, 5372.0, 5373.0, 5497.0, 5260.0, 5331.0, 5401.0, 5636.0, 5668.0, 5487.0, 5315.0, 5706.0, 5573.0, 5685.0, 5715.0, 5367.0, 5677.0, 5426.0, 5352.0, 5467.0, 5585.0, 5704.0, 5690.0, 5348.0, 5422.0, 5646.0, 5474.0, 5382.0, 5713.0, 5438.0, 5350.0, 5553.0, 5603.0, 5458.0, 5452.0, 5550.0, 5390.0, 5290.0, 5251.0, 5661.0, 5403.0, 5351.0, 5616.0, 5556.0, 5419.0, 5361.0, 5570.0, 5496.0, 5383.0, 5571.0, 5722.0, 5359.0, 5492.0, 5307.0, 5400.0, 5494.0, 5425.0, 5557.0
23	5280	9	1	333	1	5597.0, 5402.0, 5616.0, 5283.0, 5366.0, 5552.0, 5343.0, 5327.0, 5562.0, 5467.0, 5564.0, 5531.0, 5628.0, 5613.0, 5344.0, 5483.0, 5716.0, 5717.0, 5265.0, 5436.0, 5513.0, 5356.0, 5612.0, 5535.0, 5359.0, 5718.0, 5362.0, 5641.0, 5603.0, 5281.0, 5579.0, 5320.0, 5401.0, 5539.0, 5386.0, 5556.0, 5347.0, 5691.0, 5629.0, 5318.0, 5631.0, 5565.0, 5528.0, 5515.0, 5674.0, 5395.0, 5442.0, 5534.0, 5255.0, 5557.0, 5394.0, 5308.0, 5686.0, 5590.0, 5658.0, 5403.0, 5449.0, 5389.0, 5377.0, 5688.0, 5280.0, 5453.0, 5421.0, 5560.0, 5276.0, 5430.0, 5676.0, 5492.0, 5701.0, 5639.0, 5637.0, 5577.0, 5398.0, 5408.0, 5559.0, 5275.0, 5619.0, 5518.0, 5293.0, 5687.0, 5648.0, 5405.0, 5455.0, 5321.0, 5330.0, 5522.0, 5361.0, 5350.0, 5488.0, 5314.0, 5307.0, 5643.0, 5367.0, 5554.0, 5310.0, 5493.0, 5642.0, 5491.0, 5532.0, 5422.0
24	5280	9	1	333	1	5687.0, 5263.0, 5557.0, 5465.0, 5326.0, 5715.0, 5269.0, 5442.0, 5677.0, 5477.0, 5548.0, 5575.0, 5473.0, 5299.0, 5539.0, 5382.0, 5399.0, 5581.0, 5619.0, 5300.0, 5672.0, 5660.0, 5328.0, 5621.0, 5319.0, 5366.0, 5635.0, 5420.0, 5265.0, 5480.0, 5610.0, 5670.0, 5611.0, 5483.0, 5613.0, 5355.0, 5251.0, 5710.0, 5411.0, 5388.0, 5675.0, 5256.0, 5310.0, 5695.0, 5353.0, 5454.0, 5445.0, 5354.0, 5318.0, 5474.0, 5406.0, 5468.0, 5430.0, 5544.0, 5253.0, 5504.0, 5443.0, 5348.0, 5693.0, 5718.0, 5658.0, 5305.0, 5496.0, 5359.0, 5659.0

						5522.0, 5397.0, 5664.0, 5252.0, 5456.0, 5273.0, 5499.0, 5653.0, 5469.0, 5542.0, 5434.0, 5697.0, 5604.0, 5639.0, 5449.0, 5543.0, 5640.0, 5676.0, 5533.0, 5309.0, 5553.0, 5603.0, 5633.0, 5530.0, 5282.0, 5631.0, 5568.0, 5370.0, 5680.0, 5437.0, 5277.0, 5259.0, 5280.0, 5436.0, 5591.0
25	5280	9	1	333	1	5508.0, 5560.0, 5713.0, 5619.0, 5467.0, 5569.0, 5436.0, 5692.0, 5419.0, 5458.0, 5599.0, 5412.0, 5275.0, 5497.0, 5259.0, 5386.0, 5669.0, 5312.0, 5565.0, 5455.0, 5349.0, 5598.0, 5317.0, 5529.0, 5464.0, 5485.0, 5445.0, 5333.0, 5329.0, 5258.0, 5590.0, 5398.0, 5519.0, 5257.0, 5499.0, 5270.0, 5463.0, 5331.0, 5626.0, 5277.0, 5534.0, 5428.0, 5511.0, 5651.0, 5690.0, 5637.0, 5301.0, 5473.0, 5339.0, 5686.0, 5509.0, 5273.0, 5659.0, 5677.0, 5684.0, 5361.0, 5283.0, 5583.0, 5547.0, 5336.0, 5667.0, 5512.0, 5378.0, 5263.0, 5676.0, 5594.0, 5390.0, 5700.0, 5446.0, 5518.0, 5516.0, 5538.0, 5630.0, 5350.0, 5405.0, 5567.0, 5341.0, 5256.0, 5679.0, 5411.0, 5470.0, 5522.0, 5384.0, 5327.0, 5392.0, 5493.0, 5287.0, 5358.0, 5281.0, 5708.0, 5588.0, 5332.0, 5581.0, 5342.0, 5377.0, 5537.0, 5526.0, 5381.0, 5343.0, 5315.0
26	5280	9	1	333	1	5407.0, 5337.0, 5585.0, 5474.0, 5395.0, 5677.0, 5336.0, 5290.0, 5464.0, 5651.0, 5458.0, 5705.0, 5675.0, 5295.0, 5623.0, 5572.0, 5697.0, 5417.0, 5676.0, 5556.0, 5279.0, 5523.0, 5380.0, 5535.0, 5635.0, 5500.0, 5364.0, 5549.0, 5638.0, 5465.0, 5413.0, 5685.0, 5354.0, 5507.0, 5707.0, 5691.0, 5384.0, 5471.0, 5655.0, 5308.0, 5421.0, 5462.0, 5326.0, 5401.0, 5482.0, 5408.0, 5367.0, 5460.0, 5524.0, 5319.0, 5602.0, 5604.0, 5356.0, 5577.0, 5621.0, 5381.0, 5472.0, 5483.0, 5490.0, 5682.0, 5601.0, 5620.0, 5454.0, 5672.0, 5499.0, 5624.0, 5396.0, 5393.0, 5318.0, 5349.0, 5644.0, 5447.0, 5512.0, 5723.0, 5506.0, 5307.0, 5663.0, 5581.0, 5703.0, 5715.0, 5428.0, 5258.0, 5578.0, 5294.0, 5565.0, 5611.0, 5617.0, 5398.0, 5513.0, 5504.0, 5260.0, 5446.0, 5286.0, 5619.0, 5361.0, 5570.0, 5371.0, 5351.0, 5466.0, 5547.0
27	5280	9	1	333	1	5661.0, 5455.0, 5565.0, 5606.0, 5466.0, 5295.0, 5306.0, 5706.0, 5499.0, 5307.0, 5543.0, 5470.0, 5600.0, 5334.0, 5597.0, 5347.0, 5435.0, 5525.0, 5465.0, 5604.0, 5312.0, 5513.0, 5383.0, 5677.0, 5608.0, 5336.0, 5673.0, 5382.0, 5362.0, 5445.0, 5391.0, 5300.0, 5302.0, 5505.0, 5545.0, 5433.0, 5570.0, 5605.0, 5410.0, 5549.0, 5678.0, 5527.0, 5389.0, 5372.0, 5363.0, 5685.0, 5352.0, 5494.0, 5663.0, 5262.0, 5325.0, 5319.0, 5564.0, 5484.0, 5424.0, 5443.0, 5342.0, 5423.0, 5412.0, 5563.0, 5507.0, 5253.0, 5366.0, 5386.0, 5592.0



						5504.0, 5650.0, 5620.0, 5406.0, 5693.0, 5647.0, 5541.0, 5261.0, 5377.0, 5538.0, 5519.0, 5579.0, 5594.0, 5259.0, 5590.0, 5578.0, 5370.0, 5503.0, 5713.0, 5587.0, 5652.0, 5591.0, 5478.0, 5447.0, 5721.0, 5401.0, 5440.0, 5714.0, 5638.0, 5523.0, 5361.0, 5340.0, 5474.0, 5495.0, 5289.0
28	5280	9	1	333	1	5380.0, 5639.0, 5554.0, 5646.0, 5438.0, 5508.0, 5382.0, 5573.0, 5609.0, 5657.0, 5709.0, 5606.0, 5255.0, 5386.0, 5303.0, 5419.0, 5721.0, 5664.0, 5701.0, 5398.0, 5538.0, 5420.0, 5525.0, 5534.0, 5459.0, 5492.0, 5495.0, 5533.0, 5299.0, 5638.0, 5644.0, 5572.0, 5354.0, 5358.0, 5378.0, 5576.0, 5630.0, 5300.0, 5668.0, 5696.0, 5596.0, 5456.0, 5404.0, 5369.0, 5565.0, 5346.0, 5347.0, 5487.0, 5587.0, 5376.0, 5344.0, 5489.0, 5264.0, 5281.0, 5494.0, 5613.0, 5715.0, 5623.0, 5543.0, 5501.0, 5381.0, 5269.0, 5363.0, 5424.0, 5654.0, 5345.0, 5653.0, 5575.0, 5421.0, 5392.0, 5316.0, 5713.0, 5464.0, 5547.0, 5256.0, 5302.0, 5685.0, 5273.0, 5634.0, 5465.0, 5497.0, 5368.0, 5707.0, 5407.0, 5486.0, 5348.0, 5591.0, 5362.0, 5627.0, 5359.0, 5632.0, 5716.0, 5722.0, 5555.0, 5571.0, 5670.0, 5451.0, 5379.0, 5318.0, 5306.0
29	5280	9	1	333	1	5511.0, 5689.0, 5376.0, 5702.0, 5492.0, 5643.0, 5364.0, 5541.0, 5387.0, 5272.0, 5706.0, 5607.0, 5335.0, 5472.0, 5366.0, 5275.0, 5284.0, 5623.0, 5253.0, 5718.0, 5605.0, 5571.0, 5260.0, 5573.0, 5309.0, 5345.0, 5303.0, 5575.0, 5582.0, 5464.0, 5513.0, 5368.0, 5400.0, 5610.0, 5374.0, 5703.0, 5423.0, 5675.0, 5451.0, 5694.0, 5356.0, 5676.0, 5620.0, 5312.0, 5417.0, 5672.0, 5587.0, 5292.0, 5711.0, 5569.0, 5516.0, 5385.0, 5664.0, 5377.0, 5565.0, 5482.0, 5343.0, 5712.0, 5693.0, 5537.0, 5577.0, 5254.0, 5685.0, 5342.0, 5381.0, 5354.0, 5641.0, 5458.0, 5616.0, 5538.0, 5325.0, 5586.0, 5721.0, 5597.0, 5467.0, 5276.0, 5310.0, 5638.0, 5443.0, 5358.0, 5581.0, 5506.0, 5256.0, 5593.0, 5522.0, 5316.0, 5533.0, 5646.0, 5512.0, 5429.0, 5402.0, 5556.0, 5375.0, 5673.0, 5595.0, 5396.0, 5653.0, 5454.0, 5314.0, 5332.0
30	5280	9	1	333	1	5566.0, 5678.0, 5683.0, 5544.0, 5466.0, 5252.0, 5546.0, 5507.0, 5665.0, 5660.0, 5431.0, 5296.0, 5501.0, 5414.0, 5653.0, 5345.0, 5633.0, 5293.0, 5448.0, 5297.0, 5517.0, 5370.0, 5476.0, 5337.0, 5606.0, 5462.0, 5562.0, 5298.0, 5654.0, 5413.0, 5582.0, 5479.0, 5266.0, 5399.0, 5614.0, 5324.0, 5514.0, 5258.0, 5712.0, 5625.0, 5376.0, 5300.0, 5555.0, 5404.0, 5533.0, 5523.0, 5619.0, 5352.0, 5626.0, 5618.0, 5415.0, 5364.0, 5256.0, 5317.0, 5690.0, 5707.0, 5551.0, 5704.0, 5368.0, 5609.0, 5363.0, 5359.0, 5687.0, 5663.0, 5444.0

						5271.0, 5693.0, 5488.0, 5525.0, 5312.0, 5302.0, 5549.0, 5275.0, 5386.0, 5470.0, 5467.0, 5558.0, 5361.0, 5440.0, 5419.0, 5550.0, 5388.0, 5354.0, 5396.0, 5576.0, 5461.0, 5280.0, 5706.0, 5545.0, 5701.0, 5571.0, 5471.0, 5483.0, 5341.0, 5602.0, 5713.0, 5646.0, 5439.0, 5432.0, 5251.0
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**40MHz**

<b>Radar SignalType</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A</b>	15	100%	60%	pass
<b>Type 1B</b>	15	100%	60%	pass
<b>Type 2</b>	30	100 %	60%	Pass
<b>Type 3</b>	30	100 %	60%	Pass
<b>Type 4</b>	30	100 %	60%	Pass
<b>Aggregate(Type1 to 4)</b>	120	100 %	80%	Pass
<b>Type 5</b>	30	100 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

Please refer to the following statistical tables:

**5270MHz****Radar Type 1A Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5270	59	1	898	1
2	5270	18	1	3066	1
3	5270	92	1	578	1
4	5270	65	1	818	1
5	5270	57	1	938	1
6	5270	67	1	798	1
7	5270	68	1	778	1
8	5270	86	1	618	1
9	5270	99	1	538	1
10	5270	62	1	858	1
11	5270	102	1	518	1
12	5270	72	1	738	1
13	5270	63	1	838	1
14	5270	74	1	718	1
15	5270	61	1	878	1
Detection Percentage: 100 % (>60%)					

**Radar Type 1B Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5270	81	1	656	1
2	5270	59	1	907	1
3	5270	33	1	1620	1
4	5270	53	1	1005	1
5	5270	19	1	2867	1
6	5270	23	1	2398	1
7	5270	42	1	1260	1
8	5270	88	1	605	1
9	5270	25	1	2196	1
10	5270	75	1	706	1
11	5270	31	1	1755	1
12	5270	75	1	705	1
13	5270	28	1	1931	1
14	5270	21	1	2584	1
15	5270	29	1	1854	1
Detection Percentage: 100 % (>60%)					

**Radar Type 2 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5270	25	3	156	1
2	5270	26	2.1	186	1
3	5270	24	4.9	224	1
4	5270	25	2.6	178	1
5	5270	24	2.5	230	1
6	5270	23	1.1	216	1
7	5270	23	3.6	170	1
8	5270	23	3.5	168	1
9	5270	24	2.3	170	1
10	5270	23	2.9	193	1
11	5270	25	3.3	195	1
12	5270	25	2.4	209	1
13	5270	28	2.9	177	1
14	5270	27	3.6	173	1
15	5270	24	3.1	204	1
16	5270	28	3.6	193	1
17	5270	26	2.3	186	1
18	5270	29	3.6	208	1
19	5270	24	2.7	193	1
20	5270	29	1.5	175	1
21	5270	27	4.1	168	1
22	5270	25	2.7	168	1
23	5270	23	4.6	178	1
24	5270	26	3	163	1
25	5270	23	2.5	193	1
26	5270	24	2.1	155	1
27	5270	26	2.9	167	1
28	5270	24	5	230	1
29	5270	28	4.6	150	1
30	5270	26	3.7	158	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 3 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5270	17	7.3	379	1
2	5270	17	9	371	1
3	5270	16	9.3	342	1
4	5270	17	7.8	241	1
5	5270	18	7.2	363	1
6	5270	18	6	409	1
7	5270	17	9.4	472	1
8	5270	18	10	467	1
9	5270	17	8.8	384	1
10	5270	16	8.5	379	1
11	5270	18	9	301	1
12	5270	17	6.3	430	1
13	5270	16	9.8	226	1
14	5270	16	9.3	329	1
15	5270	18	9.8	232	1
16	5270	17	7.1	367	1
17	5270	16	8.4	279	1
18	5270	17	9.1	445	1
19	5270	18	8.5	449	1
20	5270	16	8.6	372	1
21	5270	16	9.8	417	1
22	5270	16	7.7	338	1
23	5270	16	7.2	372	1
24	5270	18	6.9	356	1
25	5270	18	9.2	402	1
26	5270	18	9.3	472	1
27	5270	17	9.8	208	1
28	5270	16	6.4	284	1
29	5270	17	6.5	309	1
30	5270	17	10	310	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 4 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5270	13	18.3	457	1
2	5270	14	11.5	229	1
3	5270	16	18.7	435	1
4	5270	12	15.1	496	1
5	5270	15	17.5	387	1
6	5270	16	12.4	461	1
7	5270	16	13.9	209	1
8	5270	12	15.1	432	1
9	5270	13	15.4	354	1
10	5270	15	11.3	367	1
11	5270	13	13.7	484	1
12	5270	15	15.2	447	1
13	5270	14	14.3	443	1
14	5270	15	19.5	472	1
15	5270	14	15.4	402	1
16	5270	13	14	200	1
17	5270	16	14.5	240	1
18	5270	14	19.2	310	1
19	5270	16	14.1	374	1
20	5270	15	14.4	362	1
21	5270	13	16.4	280	1
22	5270	12	11	436	1
23	5270	12	13.3	417	1
24	5270	12	14.8	295	1
25	5270	16	15.2	358	1
26	5270	13	12.1	436	1
27	5270	16	13.2	407	1
28	5270	15	17.6	447	1
29	5270	15	14	314	1
30	5270	13	18.6	211	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 5 Statistical Performance**

Statistics 1 (ChirpCenter Frequency: 5270.0MHz)

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	8	67	1978		0.463835	1
1	2	8	76.6	1321		1.303615	
2	2	8	93.9	1520		1.901989	
3	2	8	87.2	1075		2.507428	
4	1	8	73.3			3.871994	
5	2	8	69	1080		4.285384	
6	1	8	51.8			4.874291	
7	3	8	68.4	1929	1015	5.697122	
8	3	8	54.8	1698	1743	7.189849	
9	3	8	69.9	1649	1016	7.733451	
10	2	8	52.9	1006		8.534319	
11	3	8	71	1607	1171	9.246578	
12	3	8	54.4	1348	1705	9.894573	
13	3	8	93.2	1231	1057	11.036753	
14	1	8	58			11.528828	

Statistics 2 (ChirpCenter Frequency: 5270.0 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	61.8	1541		0.182887	1
1	3	12	95.7	1625	1491	1.492532	
2	3	12	66.4	1929	1532	3.296211	
3	1	12	99.5			5.048319	
4	1	12	56.2			6.398389	
5	2	12	85.5	1330		7.365446	
6	3	12	63.9	1605	1644	8.333764	
7	2	12	67	1959		9.558135	
8	1	12	89.4			11.670416	



## Statistics 3 (ChirpCenter Frequency: 5270.0 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	66.5	1854	1221	0.036134	1
1	2	13	68.7	1093		2.457762	
2	2	13	53.5	1582		3.863834	
3	1	13	90.4			5.182439	
4	3	13	92.2	1872	1774	7.103811	
5	2	13	62.3	1120		8.442796	
6	2	13	97.9	1540		10.201003	
7	2	13	93.3	1040		11.477295	

## Statistics 4 (ChirpCenter Frequency: 5270.0 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	98.8	1656		0.675908	1
1	2	9	56.2	1136		1.919342	
2	3	9	62.8	1719	1356	2.461991	
3	2	9	99.5	1202		3.199273	
4	2	9	79.1	1632		4.574219	
5	2	9	66	1459		5.385145	
6	1	9	63.3			6.553376	
7	3	9	83.8	1993	1157	7.079032	
8	2	9	85.4	1917		8.670007	
9	1	9	77.8			9.475724	
10	1	9	79.6			10.449819	
11	2	9	69.4	1003		11.372226	

## Statistics 5(ChirpCenter Frequency: 5270.0 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	56.9			0.749557	1
1	2	9	77.5	1028		1.673501	
2	1	9	80.9			2.589501	
3	1	9	55.4			4.502293	
4	3	9	81.1	1951	1245	5.680032	
5	2	9	57.6	1399		6.621509	
6	1	9	63.2			8.227221	
7	3	9	72.3	1904	1317	8.586929	
8	2	9	59.2	1332		10.033672	
9	2	9	74.2	1065		11.335725	

## Statistics 6 (ChirpCenter Frequency: 5270.0 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	59.2			0.825508	1
1	2	9	81.5	1125		1.80045	
2	3	9	53.3	1040	1222	2.404339	
3	3	9	76.9	1633	1402	3.063484	
4	1	9	82.6			4.662263	
5	2	9	92.5	1063		5.507011	
6	1	9	51.1			6.944781	
7	3	9	83	1720	1953	7.359367	
8	1	9	64.2			8.855504	
9	2	9	75.1	1683		9.969991	
10	1	9	75.1			10.940785	
11	2	9	61.3	1726		11.444583	

## Statistics 7(ChirpCenter Frequency: 5270.0 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	65.4	1680		0.457342	1
1	1	15	87			1.77374	
2	1	15	94.9			3.109369	
3	2	15	84.3	1219		3.737718	
4	1	15	87.2			5.148374	
5	3	15	51.1	1446	1733	6.192792	
6	2	15	75.5	1693		7.161009	
7	3	15	56.5	1924	1747	8.577667	
8	1	15	54.7			9.342127	
9	2	15	90	1224		10.365527	
10	3	15	75.6	1722	1123	11.575029	

## Statistics 8 (ChirpCenter Frequency: 5270.0 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	98			1.417866	1
1	2	12	51.5	1390		1.838165	
2	2	12	79.7	1454		3.473496	
3	3	12	73.2	1417	1367	5.413543	
4	3	12	74.6	1757	1292	6.25703	
5	2	12	73.3	1934		8.640024	
6	2	12	86.7	1418		9.274445	
7	3	12	85.7	1138	1408	11.521352	

## Statistics 9 (ChirpCenter Frequency: 5270.0 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	52.4	1799		0.43773	1
1	1	5	65.6			1.12775	
2	1	5	77.3			1.598355	
3	2	5	94	1801		2.507048	
4	2	5	72.1	1623		2.637768	
5	2	5	95.9	1207		3.749842	
6	2	5	91.3	1702		4.052741	
7	2	5	90.2	1561		4.974768	
8	1	5	75.9			5.616023	
9	2	5	96.5	1532		6.202424	
10	2	5	85	1476		6.546047	
11	3	5	83.1	1680	1900	7.284569	
12	1	5	73			8.1153	
13	2	5	77.7	1596		8.403843	
14	1	5	56.8			9.392855	
15	1	5	82.8			9.811408	
16	1	5	89.5			10.700894	
17	2	5	63.5	1791		10.872448	
18	1	5	91.5			11.635853	

## Statistics 10 (ChirpCenter Frequency: 5270.0 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	95.3	1296		0.519449	1
1	3	13	79.8	1537	1359	1.565532	
2	1	13	54.5			2.358693	
3	2	13	74.5	1894		3.221589	
4	3	13	88.6	1956	1824	3.449467	
5	2	13	91.8	1739		4.32024	
6	2	13	74.2	1848		5.640617	
7	1	13	96			6.097796	
8	1	13	73.4			7.363835	
9	3	13	92.6	1288	1454	8.164907	
10	3	13	92.6	1883	1005	8.938798	
11	2	13	66.6	1834		10.1592	
12	1	13	63.8			11.015541	
13	2	13	64.7	1820		11.656368	

## Statistics 11 (ChirpCenter Frequency: 5267.0 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	51.6			0.227315	1
1	3	19	59.9	1906	1558	0.63669	
2	2	19	98.4	1782		1.818349	
3	1	19	55			2.352306	
4	2	19	69	1924		3.073757	
5	2	19	53.7	1912		3.739632	
6	2	19	74.6	1345		4.405064	
7	1	19	58.4			4.641109	
8	2	19	52.5	1120		5.381821	
9	3	19	74.1	1585	1651	6.132942	
10	3	19	83.5	1587	1509	6.520486	
11	2	19	56.9	1720		7.324977	
12	3	19	60.8	1989	1647	8.122198	
13	3	19	70.9	1397	1229	8.446759	
14	3	19	60.5	1174	1090	8.874482	
15	2	19	57	1451		9.811587	
16	2	19	60.4	1948		10.559539	
17	2	19	77	1698		10.926227	
18	3	19	94.3	1277	1971	11.422478	

## Statistics 12 (ChirpCenter Frequency: 5264.0 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	56.5			0.000861	1
1	3	10	55.3	1461	1856	0.894297	
2	2	10	66.2	1894		2.061908	
3	2	10	59.9	1350		2.98759	
4	2	10	84.9	1873		3.612746	
5	2	10	66	1258		4.054123	
6	2	10	76.9	1441		5.006973	
7	2	10	60.9	1675		5.342539	
8	3	10	61.9	1195	1441	6.272072	
9	1	10	69.7			7.458789	
10	3	10	91.6	1011	1434	7.528606	
11	1	10	81.3			8.420338	
12	2	10	58	1705		9.303343	
13	1	10	75.1			10.133698	
14	3	10	93.8	1417	1966	10.611527	
15	1	10	69.1			11.76592	

## Statistics 13 (ChirpCenter Frequency: 5266.0 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	52.6	1545		0.988173	1
1	2	15	97.2	1569		1.760744	
2	3	15	97.7	1796	1379	3.591777	
3	2	15	67.8	1913		4.694287	
4	2	15	61.9	1326		4.988524	
5	3	15	60	1534	1390	6.91978	
6	2	15	68.7	1434		7.353237	
7	1	15	89.6			8.42877	
8	1	15	94.1			10.223013	
9	2	15	96.5	1712		10.811954	

## Statistics 14 (ChirpCenter Frequency: 5258.0 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	78.4	1115		0.372873	1
1	2	16	71.7	1876		0.681997	
2	2	16	87.4	1898		1.758389	
3	1	16	52.6			2.61938	
4	1	16	92			2.669817	
5	2	16	67.5	1986		3.362488	
6	1	16	57.2			4.30893	
7	1	16	74.3			4.980249	
8	3	16	54.2	1948	1035	5.827957	
9	3	16	87	1654	1147	6.248675	
10	1	16	78.2			6.762535	
11	3	16	69.3	1537	1695	7.507233	
12	3	16	71	1767	1230	8.56426	
13	3	16	63.6	1733	1902	8.811721	
14	1	16	64.1			9.606863	
15	3	16	72.7	1196	1199	10.406479	
16	2	16	84.6	1143		11.14501	
17	3	16	52.3	1180	1302	11.927995	

## Statistics 15 (ChirpCenter Frequency: 5258.0 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	17	65			0.078685	1
1	2	17	99.8	1436		0.802202	
2	1	17	60.9			1.813763	
3	2	17	63.9	1496		2.20127	
4	1	17	71.8			2.654597	
5	2	17	81.8	1577		3.65727	
6	2	17	99.1	1395		4.003823	
7	1	17	88.3			4.902573	
8	2	17	60.5	1635		5.469058	
9	3	17	70.2	1759	1141	5.968758	
10	1	17	75			6.623735	
11	2	17	65.6	1117		7.030815	
12	1	17	68.6			7.986821	
13	1	17	62.3			8.628224	
14	1	17	95.2			9.303075	
15	1	17	93.2			9.479923	
16	1	17	83.1			10.247409	
17	2	17	82.6	1864		11.056154	
18	2	17	90.4	1240		11.731592	

## Statistics 16 (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	3	11	76.6	1277	1549	0.689379	1
1	1	11	78			2.004039	
2	2	11	68.2	1316		3.928066	
3	1	11	83.1			4.535007	
4	2	11	52.6	1699		5.925435	
5	1	11	75.7			7.517137	
6	2	11	77.7	1724		8.510515	
7	2	11	72.9	1086		9.864316	
8	3	11	69.4	1671	1425	11.562919	

## Statistics 17 (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	11	60.9	1644		0.830759	1
1	1	11	69.2			1.629813	
2	2	11	51.7	1077		1.974075	
3	2	11	52.4	1787		2.978028	
4	3	11	56.3	1002	1053	4.061776	
5	2	11	82.1	1823		5.458744	
6	2	11	77.3	1723		5.653159	
7	2	11	58.4	1419		6.706017	
8	3	11	81.1	1966	1403	7.754263	
9	2	11	78.3	1079		9.184783	
10	2	11	88.3	1068		9.736984	
11	1	11	76.3			10.640829	
12	3	11	59.4	1571	1238	11.753046	

## Statistics 18 (ChirpCenter Frequency: 5259.0 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	52.1	1099		0.159929	1
1	2	18	64.5	1695		1.937651	
2	1	18	67.3			2.912109	
3	2	18	63.5	1208		3.669876	
4	3	18	67.5	1531	1711	4.445461	
5	2	18	96.1	1828		6.102299	
6	1	18	58.8			6.781467	
7	2	18	86.8	1067		7.853007	
8	2	18	89.8	1985		9.079823	
9	1	18	78.7			10.710761	
10	1	18	51.7			11.893157	



## Statistics 19 (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	5	58.2	1336	1250	0.449637	1
1	2	5	60.8	1468		1.222932	
2	2	5	66.8	1817		3.11635	
3	1	5	88.1			4.336496	
4	3	5	72	1124	1894	5.842478	
5	2	5	83.5	1521		6.745749	
6	1	5	59.1			8.212013	
7	3	5	79.2	1679	1274	8.411654	
8	3	5	59	1873	1862	9.746801	
9	2	5	95.1	1328		11.533606	

## Statistics 20 (ChirpCenter Frequency: 5258.0 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	99.1	1593		0.722327	1
1	2	17	79.2	1586		1.35451	
2	2	17	60	1890		2.394587	
3	3	17	90.8	1886	1980	3.303712	
4	3	17	82.5	1328	1846	4.167628	
5	3	17	74	1413	1364	4.717989	
6	1	17	58.2			5.218305	
7	2	17	83.2	1265		6.035682	
8	1	17	95.6			7.548982	
9	3	17	65.4	1116	1582	8.064508	
10	3	17	51.5	1201	1308	8.791479	
11	2	17	77	1447		9.576174	
12	2	17	74	1005		10.301186	
13	1	17	91.8			11.993897	

## Statistics 21 (ChirpCenter Frequency: 5282.0 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	74.6	1741		0.503846	1
1	3	16	73.5	1049	1754	1.027673	
2	2	16	98	1543		1.85371	
3	2	16	90.5	1772		2.315535	
4	2	16	61.1	1425		2.913572	
5	2	16	61.5	1165		3.647596	
6	2	16	70.4	1255		4.376885	
7	2	16	81.6	1576		5.000239	
8	2	16	65.1	1002		5.656558	
9	1	16	80			6.13602	
10	2	16	56.5	1902		6.617543	
11	3	16	85.6	1675	1908	7.301021	
12	2	16	50.4	1977		7.784006	
13	2	16	87.3	1591		8.744448	
14	2	16	58.8	1887		9.33443	
15	3	16	59.2	1030	1468	9.601168	
16	2	16	75.9	1453		10.505394	
17	3	16	70.8	1065	1839	10.800556	
18	2	16	98.8	1175		11.390213	

## Statistics 22 (ChirpCenter Frequency: 5282.0 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	73.1	1725		0.347348	1
1	2	15	59.3	1320		1.864217	
2	2	15	67	1261		2.485012	
3	3	15	95.2	1213	1131	3.797433	
4	3	15	55.1	1825	1353	4.302511	
5	2	15	66.3	1465		5.773877	
6	3	15	82.7	1110	1709	6.991986	
7	2	15	76.5	1814		7.207475	
8	2	15	53.4	1016		8.617186	
9	1	15	52			9.826159	
10	1	15	69.1			10.264807	
11	2	15	89.6	1115		11.843952	

## Statistics 23 (ChirpCenter Frequency: 5282.0 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	67			0.414429	1
1	3	16	95.7	1515	1337	2.369732	
2	2	16	59.8	1690		3.103564	
3	1	16	79.1			4.556387	
4	2	16	78.7	1884		5.167668	
5	2	16	82.8	1271		6.767863	
6	2	16	79.6	1264		8.075771	
7	3	16	54.5	1302	1804	8.408776	
8	3	16	94.8	1556	1691	10.732706	
9	2	16	54.4	1147		10.870377	

## Statistics 24 (ChirpCenter Frequency: 5283.0 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	90.2	1039	1204	0.230306	1
1	2	13	83	1657		1.049329	
2	2	13	89.7	1001		2.702917	
3	2	13	92.9	1127		3.090816	
4	2	13	94.7	1232		4.495973	
5	2	13	70.4	1039		5.764808	
6	2	13	52.9	1430		6.961531	
7	3	13	82.1	1621	1241	7.250558	
8	2	13	52	1241		8.826178	
9	2	13	53.6	1079		9.994735	
10	3	13	56.6	1433	1575	10.206784	
11	3	13	51.2	1259	1982	11.392036	

## Statistics 25 (ChirpCenter Frequency: 5285.0 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	91	1963	1059	0.117742	1
1	1	8	50.6			1.187895	
2	1	8	94.5			2.579877	
3	1	8	71.3			4.178724	
4	2	8	60.7	1517		5.301773	
5	2	8	80.4	1293		6.061817	
6	2	8	61.4	1046		7.07343	
7	3	8	53.5	1013	1969	8.082462	
8	1	8	83.8			9.278775	
9	2	8	79.7	1818		10.329862	
10	2	8	88.6	1547		10.9289	

## Statistics 26 (ChirpCenter Frequency: 5283.0 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	85.2	1948		0.228302	1
1	2	14	51.7	1737		1.135218	
2	3	14	95.7	1909	1747	1.749487	
3	2	14	82.7	1226		2.262095	
4	2	14	83.4	1322		3.353988	
5	2	14	88.9	1233		3.94862	
6	1	14	61.9			4.700411	
7	3	14	88.1	1364	1387	5.089443	
8	3	14	91.4	1222	1056	6.091026	
9	2	14	84.8	1345		6.791589	
10	3	14	79.2	1643	1842	7.646774	
11	3	14	97.4	1575	1806	7.794024	
12	2	14	93.3	1314		8.580077	
13	2	14	80.7	1275		9.340014	
14	3	14	85.4	1081	1767	9.952958	
15	3	14	74.7	1967	1796	10.790671	
16	2	14	58	1820		11.961372	

## Statistics 27 (ChirpCenter Frequency: 5285.0 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	55.9	1379		0.622166	1
1	2	8	80.7	1105		1.651885	
2	3	8	73.2	1687	1747	3.819329	
3	2	8	87.9	1159		5.191863	
4	2	8	96.3	1119		5.707733	
5	2	8	78.4	1802		7.774823	
6	3	8	93.8	1843	1067	9.152046	
7	1	8	74.4			10.629684	
8	1	8	78.9			11.03598	

## Statistics 28 (ChirpCenter Frequency: 5285.0 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	57.9	1251	1614	0.331737	1
1	1	8	85.3			1.29853	
2	1	8	50.1			2.070334	
3	2	8	83.2	1686		2.792861	
4	1	8	72			3.201155	
5	3	8	65.6	1834	1366	4.066605	
6	2	8	70.6	1959		4.604192	
7	2	8	62.5	1199		5.048266	
8	2	8	74.8	1245		6.34243	
9	2	8	60.8	1735		6.652647	
10	3	8	76.6	1489	1846	7.592552	
11	3	8	62.6	1817	1412	8.096669	
12	2	8	97.2	1057		8.829516	
13	2	8	72.4	1498		9.215984	
14	1	8	73.6			10.233541	
15	3	8	51.5	1250	1735	10.762995	
16	2	8	53.3	1843		11.344	

## Statistics 29 (ChirpCenter Frequency: 5283.0 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	62.4			0.068391	1
1	2	13	55.7	1067		1.519815	
2	3	13	63.1	1514	1019	2.552622	
3	2	13	65.6	1170		4.161029	
4	1	13	65.2			5.786413	
5	1	13	54.6			6.994477	
6	2	13	93.8	1259		8.053626	
7	1	13	65.1			8.448922	
8	1	13	53.1			10.201598	
9	1	13	50.8			10.82109	

## Statistics 30 (ChirpCenter Frequency: 5281.0 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	19	65.6	1454	1139	0.406257	1
1	3	19	64	1207	1495	1.044411	
2	3	19	99.5	1604	1456	1.789641	
3	2	19	99.1	1461		2.470394	
4	3	19	95.2	1973	1349	3.260554	
5	3	19	62.8	1506	1060	3.912505	
6	2	19	67.3	1205		4.925693	
7	3	19	55.3	1722	1720	5.456753	
8	3	19	84	1558	1043	6.044906	
9	1	19	56.2			6.668773	
10	2	19	93.6	1803		7.524082	
11	1	19	76.3			8.398474	
12	1	19	98.2			9.145008	
13	2	19	83.6	1045		9.67424	
14	1	19	80.9			10.358644	
15	1	19	60.4			11.231112	
16	3	19	78	1899	1375	11.33415	

**Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence (MHz)
1	5270	9	1	333	1	5585.0, 5341.0, 5624.0, 5342.0, 5722.0, 5317.0, 5606.0, 5628.0, 5575.0, 5411.0, 5588.0, 5255.0, 5485.0, 5506.0, 5330.0, 5426.0, 5717.0, 5392.0, 5567.0, 5461.0, 5266.0, 5680.0, 5394.0, 5313.0, 5323.0, 5314.0, 5305.0, 5282.0, 5339.0, 5649.0, 5267.0, 5250.0, 5621.0, 5578.0, 5473.0, 5712.0, 5669.0, 5347.0, 5629.0, 5659.0, 5479.0, 5563.0, 5474.0, 5552.0, 5370.0, 5681.0, 5318.0, 5560.0, 5605.0, 5378.0, 5582.0, 5437.0, 5464.0, 5449.0, 5617.0, 5662.0, 5431.0, 5465.0, 5268.0, 5302.0, 5448.0, 5610.0, 5608.0, 5257.0, 5273.0, 5295.0, 5590.0, 5393.0, 5372.0, 5646.0, 5565.0, 5691.0, 5622.0, 5526.0, 5356.0, 5692.0, 5487.0, 5627.0, 5292.0, 5430.0, 5360.0, 5556.0, 5472.0, 5517.0, 5710.0, 5616.0, 5538.0, 5554.0, 5625.0, 5502.0, 5373.0, 5434.0, 5283.0, 5645.0, 5587.0, 5561.0, 5345.0, 5270.0, 5607.0, 5541.0
2	5270	9	1	333	1	5367.0, 5265.0, 5552.0, 5566.0, 5707.0, 5320.0, 5270.0, 5703.0, 5290.0, 5647.0, 5715.0, 5704.0, 5400.0, 5386.0, 5568.0, 5371.0, 5336.0, 5442.0, 5354.0, 5473.0, 5343.0, 5592.0, 5382.0, 5638.0, 5553.0, 5684.0, 5369.0, 5660.0, 5357.0, 5449.0, 5337.0, 5695.0, 5412.0, 5669.0, 5258.0, 5319.0, 5610.0, 5456.0, 5488.0, 5329.0, 5345.0, 5292.0, 5671.0, 5483.0, 5358.0, 5673.0, 5518.0, 5328.0, 5484.0, 5608.0, 5556.0, 5645.0, 5335.0, 5301.0, 5325.0, 5530.0, 5443.0, 5521.0, 5709.0, 5712.0, 5308.0, 5471.0, 5531.0, 5317.0, 5472.0, 5330.0, 5680.0, 5470.0, 5619.0, 5639.0, 5440.0, 5682.0, 5646.0, 5321.0, 5722.0, 5409.0, 5306.0, 5273.0, 5315.0, 5577.0, 5388.0, 5375.0, 5714.0, 5503.0, 5711.0, 5394.0, 5511.0, 5614.0, 5652.0, 5489.0, 5454.0, 5457.0, 5462.0, 5355.0, 5304.0, 5601.0, 5377.0, 5689.0, 5266.0, 5295.0
3	5270	9	1	333	1	5464.0, 5669.0, 5266.0, 5333.0, 5300.0, 5520.0, 5690.0, 5488.0, 5250.0, 5342.0, 5686.0, 5634.0, 5318.0, 5298.0, 5512.0, 5522.0, 5561.0, 5625.0, 5382.0, 5654.0, 5328.0, 5399.0, 5430.0, 5498.0, 5343.0, 5311.0, 5541.0, 5629.0, 5604.0, 5306.0, 5368.0, 5483.0, 5682.0, 5292.0, 5462.0, 5254.0, 5658.0, 5398.0, 5301.0, 5325.0, 5297.0, 5316.0, 5405.0, 5401.0, 5573.0, 5546.0, 5446.0, 5449.0, 5380.0, 5313.0, 5258.0, 5531.0, 5556.0, 5580.0, 5675.0, 5637.0, 5335.0, 5358.0, 5457.0, 5674.0, 5379.0, 5421.0, 5284.0, 5253.0, 5361.0

						5570.0, 5466.0, 5346.0, 5576.0, 5615.0, 5264.0, 5514.0, 5423.0, 5619.0, 5608.0, 5558.0, 5602.0, 5365.0, 5599.0, 5434.0, 5433.0, 5285.0, 5554.0, 5610.0, 5265.0, 5540.0, 5263.0, 5636.0, 5442.0, 5521.0, 5415.0, 5662.0, 5557.0, 5472.0, 5437.0, 5329.0, 5259.0, 5504.0, 5381.0, 5598.0
4	5270	9	1	333	1	5464.0, 5472.0, 5266.0, 5564.0, 5294.0, 5427.0, 5627.0, 5361.0, 5440.0, 5465.0, 5444.0, 5596.0, 5664.0, 5661.0, 5322.0, 5287.0, 5513.0, 5654.0, 5721.0, 5713.0, 5461.0, 5588.0, 5722.0, 5315.0, 5635.0, 5362.0, 5697.0, 5630.0, 5331.0, 5639.0, 5320.0, 5369.0, 5386.0, 5344.0, 5687.0, 5558.0, 5309.0, 5674.0, 5307.0, 5553.0, 5479.0, 5325.0, 5658.0, 5512.0, 5539.0, 5289.0, 5510.0, 5672.0, 5491.0, 5667.0, 5288.0, 5321.0, 5611.0, 5663.0, 5705.0, 5598.0, 5371.0, 5270.0, 5297.0, 5275.0, 5520.0, 5723.0, 5298.0, 5345.0, 5647.0, 5404.0, 5363.0, 5496.0, 5399.0, 5388.0, 5476.0, 5524.0, 5499.0, 5619.0, 5311.0, 5518.0, 5603.0, 5414.0, 5268.0, 5354.0, 5719.0, 5391.0, 5597.0, 5474.0, 5522.0, 5690.0, 5497.0, 5583.0, 5542.0, 5447.0, 5310.0, 5278.0, 5580.0, 5312.0, 5431.0, 5501.0, 5381.0, 5302.0, 5283.0, 5709.0
5	5270	9	1	333	1	5320.0, 5563.0, 5540.0, 5683.0, 5529.0, 5304.0, 5321.0, 5444.0, 5670.0, 5259.0, 5299.0, 5600.0, 5391.0, 5435.0, 5343.0, 5374.0, 5538.0, 5639.0, 5261.0, 5597.0, 5463.0, 5708.0, 5674.0, 5417.0, 5661.0, 5546.0, 5530.0, 5393.0, 5491.0, 5558.0, 5255.0, 5715.0, 5483.0, 5542.0, 5425.0, 5302.0, 5523.0, 5649.0, 5590.0, 5634.0, 5292.0, 5614.0, 5480.0, 5576.0, 5501.0, 5568.0, 5484.0, 5296.0, 5316.0, 5485.0, 5445.0, 5624.0, 5652.0, 5396.0, 5461.0, 5655.0, 5659.0, 5365.0, 5679.0, 5668.0, 5327.0, 5710.0, 5380.0, 5631.0, 5426.0, 5398.0, 5482.0, 5690.0, 5420.0, 5705.0, 5706.0, 5442.0, 5330.0, 5588.0, 5667.0, 5441.0, 5559.0, 5531.0, 5595.0, 5720.0, 5335.0, 5356.0, 5646.0, 5680.0, 5503.0, 5423.0, 5465.0, 5632.0, 5318.0, 5678.0, 5486.0, 5703.0, 5709.0, 5297.0, 5407.0, 5283.0, 5605.0, 5450.0, 5473.0, 5620.0
6	5270	9	1	333	1	5508.0, 5682.0, 5382.0, 5653.0, 5342.0, 5407.0, 5526.0, 5476.0, 5430.0, 5711.0, 5509.0, 5713.0, 5558.0, 5721.0, 5388.0, 5379.0, 5337.0, 5385.0, 5554.0, 5467.0, 5259.0, 5432.0, 5376.0, 5723.0, 5352.0, 5619.0, 5426.0, 5409.0, 5251.0, 5648.0, 5625.0, 5460.0, 5372.0, 5411.0, 5439.0, 5599.0, 5596.0, 5527.0, 5485.0, 5654.0, 5523.0, 5453.0, 5666.0, 5708.0, 5559.0, 5475.0, 5405.0, 5651.0, 5632.0, 5500.0, 5577.0, 5472.0, 5631.0, 5655.0, 5576.0, 5581.0, 5575.0, 5310.0, 5693.0, 5542.0, 5307.0, 5488.0, 5329.0, 5479.0, 5567.0,



						5282.0, 5722.0, 5690.0, 5614.0, 5253.0, 5603.0, 5678.0, 5675.0, 5671.0, 5623.0, 5609.0, 5709.0, 5256.0, 5290.0, 5645.0, 5270.0, 5331.0, 5679.0, 5695.0, 5334.0, 5399.0, 5356.0, 5600.0, 5498.0, 5456.0, 5694.0, 5378.0, 5266.0, 5660.0, 5322.0, 5265.0, 5642.0, 5691.0, 5289.0, 5633.0
7	5270	9	1	333	1	5351.0, 5552.0, 5514.0, 5638.0, 5713.0, 5680.0, 5252.0, 5293.0, 5565.0, 5480.0, 5659.0, 5339.0, 5329.0, 5429.0, 5382.0, 5278.0, 5301.0, 5468.0, 5493.0, 5521.0, 5292.0, 5300.0, 5515.0, 5588.0, 5697.0, 5440.0, 5279.0, 5433.0, 5688.0, 5555.0, 5358.0, 5365.0, 5520.0, 5401.0, 5543.0, 5260.0, 5324.0, 5673.0, 5320.0, 5690.0, 5294.0, 5419.0, 5355.0, 5686.0, 5559.0, 5723.0, 5616.0, 5661.0, 5592.0, 5274.0, 5578.0, 5524.0, 5591.0, 5425.0, 5444.0, 5304.0, 5653.0, 5398.0, 5600.0, 5589.0, 5437.0, 5586.0, 5558.0, 5441.0, 5399.0, 5439.0, 5672.0, 5610.0, 5469.0, 5263.0, 5706.0, 5608.0, 5409.0, 5632.0, 5459.0, 5557.0, 5617.0, 5366.0, 5692.0, 5473.0, 5296.0, 5721.0, 5561.0, 5414.0, 5523.0, 5554.0, 5527.0, 5264.0, 5310.0, 5378.0, 5254.0, 5460.0, 5499.0, 5273.0, 5372.0, 5368.0, 5471.0, 5641.0, 5715.0, 5313.0
8	5270	9	1	333	1	5467.0, 5390.0, 5596.0, 5636.0, 5704.0, 5457.0, 5347.0, 5415.0, 5519.0, 5342.0, 5335.0, 5557.0, 5574.0, 5617.0, 5709.0, 5588.0, 5678.0, 5427.0, 5676.0, 5653.0, 5399.0, 5393.0, 5697.0, 5723.0, 5376.0, 5352.0, 5660.0, 5410.0, 5529.0, 5267.0, 5289.0, 5276.0, 5718.0, 5359.0, 5301.0, 5483.0, 5645.0, 5620.0, 5459.0, 5385.0, 5430.0, 5489.0, 5579.0, 5614.0, 5383.0, 5631.0, 5298.0, 5394.0, 5668.0, 5417.0, 5447.0, 5365.0, 5690.0, 5482.0, 5701.0, 5265.0, 5364.0, 5397.0, 5329.0, 5344.0, 5262.0, 5475.0, 5523.0, 5448.0, 5412.0, 5623.0, 5486.0, 5624.0, 5432.0, 5498.0, 5272.0, 5494.0, 5556.0, 5362.0, 5414.0, 5474.0, 5691.0, 5277.0, 5647.0, 5544.0, 5441.0, 5423.0, 5677.0, 5346.0, 5633.0, 5407.0, 5722.0, 5628.0, 5587.0, 5444.0, 5337.0, 5520.0, 5549.0, 5671.0, 5572.0, 5656.0, 5328.0, 5428.0, 5662.0, 5331.0
9	5270	9	1	333	1	5717.0, 5317.0, 5667.0, 5442.0, 5360.0, 5611.0, 5643.0, 5487.0, 5631.0, 5548.0, 5340.0, 5525.0, 5635.0, 5406.0, 5507.0, 5419.0, 5438.0, 5539.0, 5663.0, 5625.0, 5323.0, 5707.0, 5475.0, 5255.0, 5466.0, 5629.0, 5435.0, 5326.0, 5423.0, 5547.0, 5501.0, 5361.0, 5713.0, 5719.0, 5510.0, 5267.0, 5554.0, 5416.0, 5352.0, 5259.0, 5540.0, 5710.0, 5558.0, 5673.0, 5275.0, 5391.0, 5481.0, 5398.0, 5508.0, 5691.0, 5307.0, 5576.0, 5421.0, 5278.0, 5541.0, 5581.0, 5296.0, 5283.0, 5457.0, 5337.0, 5266.0, 5559.0, 5443.0, 5260.0, 5308.0

						5413.0, 5604.0, 5256.0, 5671.0, 5363.0, 5570.0, 5410.0, 5690.0, 5367.0, 5269.0, 5496.0, 5497.0, 5426.0, 5542.0, 5424.0, 5723.0, 5500.0, 5290.0, 5420.0, 5660.0, 5338.0, 5624.0, 5532.0, 5526.0, 5721.0, 5592.0, 5545.0, 5594.0, 5346.0, 5304.0, 5354.0, 5377.0, 5564.0, 5350.0, 5506.0
10	5270	9	1	333	1	5387.0, 5441.0, 5336.0, 5509.0, 5280.0, 5381.0, 5310.0, 5665.0, 5281.0, 5254.0, 5497.0, 5670.0, 5712.0, 5268.0, 5650.0, 5386.0, 5355.0, 5463.0, 5597.0, 5483.0, 5660.0, 5723.0, 5493.0, 5294.0, 5425.0, 5576.0, 5569.0, 5457.0, 5491.0, 5370.0, 5263.0, 5622.0, 5480.0, 5696.0, 5604.0, 5340.0, 5606.0, 5715.0, 5611.0, 5699.0, 5479.0, 5642.0, 5581.0, 5544.0, 5455.0, 5443.0, 5708.0, 5274.0, 5398.0, 5550.0, 5648.0, 5319.0, 5322.0, 5685.0, 5575.0, 5348.0, 5373.0, 5653.0, 5681.0, 5487.0, 5333.0, 5314.0, 5346.0, 5337.0, 5673.0, 5318.0, 5323.0, 5368.0, 5461.0, 5445.0, 5437.0, 5327.0, 5475.0, 5589.0, 5499.0, 5401.0, 5586.0, 5378.0, 5584.0, 5343.0, 5515.0, 5331.0, 5693.0, 5566.0, 5459.0, 5277.0, 5342.0, 5488.0, 5410.0, 5628.0, 5655.0, 5453.0, 5495.0, 5588.0, 5413.0, 5573.0, 5392.0, 5397.0, 5257.0, 5561.0
11	5270	9	1	333	1	5552.0, 5717.0, 5704.0, 5361.0, 5627.0, 5416.0, 5323.0, 5618.0, 5271.0, 5288.0, 5676.0, 5378.0, 5657.0, 5612.0, 5662.0, 5625.0, 5504.0, 5362.0, 5345.0, 5374.0, 5672.0, 5366.0, 5525.0, 5634.0, 5352.0, 5595.0, 5655.0, 5622.0, 5429.0, 5685.0, 5285.0, 5633.0, 5260.0, 5572.0, 5266.0, 5495.0, 5381.0, 5648.0, 5496.0, 5476.0, 5440.0, 5255.0, 5721.0, 5350.0, 5475.0, 5545.0, 5321.0, 5559.0, 5641.0, 5579.0, 5603.0, 5272.0, 5316.0, 5355.0, 5687.0, 5679.0, 5480.0, 5390.0, 5517.0, 5264.0, 5527.0, 5658.0, 5651.0, 5558.0, 5348.0, 5538.0, 5252.0, 5542.0, 5465.0, 5344.0, 5277.0, 5454.0, 5379.0, 5373.0, 5531.0, 5703.0, 5590.0, 5589.0, 5536.0, 5409.0, 5451.0, 5368.0, 5307.0, 5611.0, 5489.0, 5290.0, 5693.0, 5398.0, 5337.0, 5385.0, 5449.0, 5569.0, 5566.0, 5418.0, 5702.0, 5546.0, 5333.0, 5430.0, 5319.0, 5262.0
12	5270	9	1	333	1	5680.0, 5644.0, 5515.0, 5425.0, 5717.0, 5598.0, 5382.0, 5565.0, 5653.0, 5671.0, 5423.0, 5294.0, 5472.0, 5351.0, 5386.0, 5493.0, 5572.0, 5290.0, 5474.0, 5261.0, 5710.0, 5683.0, 5657.0, 5560.0, 5392.0, 5304.0, 5669.0, 5507.0, 5699.0, 5721.0, 5517.0, 5489.0, 5555.0, 5695.0, 5385.0, 5610.0, 5486.0, 5613.0, 5300.0, 5323.0, 5658.0, 5479.0, 5352.0, 5453.0, 5322.0, 5268.0, 5594.0, 5376.0, 5456.0, 5465.0, 5273.0, 5661.0, 5282.0, 5473.0, 5258.0, 5347.0, 5394.0, 5563.0, 5573.0, 5315.0, 5632.0, 5422.0, 5265.0, 5257.0, 5377.0,

						5336.0, 5709.0, 5652.0, 5648.0, 5476.0, 5509.0, 5271.0, 5375.0, 5624.0, 5448.0, 5616.0, 5673.0, 5622.0, 5496.0, 5333.0, 5331.0, 5700.0, 5720.0, 5602.0, 5346.0, 5621.0, 5608.0, 5614.0, 5320.0, 5503.0, 5552.0, 5254.0, 5483.0, 5439.0, 5629.0, 5388.0, 5372.0, 5477.0, 5526.0, 5574.0
13	5270	9	1	333	1	5293.0, 5715.0, 5282.0, 5692.0, 5689.0, 5677.0, 5607.0, 5588.0, 5610.0, 5388.0, 5704.0, 5453.0, 5416.0, 5326.0, 5338.0, 5353.0, 5474.0, 5469.0, 5643.0, 5475.0, 5295.0, 5278.0, 5459.0, 5431.0, 5486.0, 5420.0, 5650.0, 5691.0, 5367.0, 5429.0, 5266.0, 5574.0, 5538.0, 5605.0, 5613.0, 5629.0, 5675.0, 5517.0, 5401.0, 5625.0, 5445.0, 5673.0, 5664.0, 5542.0, 5430.0, 5481.0, 5395.0, 5394.0, 5493.0, 5537.0, 5565.0, 5344.0, 5285.0, 5254.0, 5414.0, 5440.0, 5632.0, 5714.0, 5347.0, 5284.0, 5322.0, 5391.0, 5568.0, 5670.0, 5470.0, 5439.0, 5473.0, 5560.0, 5700.0, 5410.0, 5604.0, 5373.0, 5406.0, 5575.0, 5462.0, 5569.0, 5705.0, 5525.0, 5721.0, 5630.0, 5316.0, 5633.0, 5384.0, 5352.0, 5433.0, 5540.0, 5398.0, 5666.0, 5593.0, 5350.0, 5722.0, 5362.0, 5363.0, 5435.0, 5432.0, 5291.0, 5328.0, 5447.0, 5623.0, 5577.0
14	5270	9	1	333	1	5724.0, 5545.0, 5534.0, 5719.0, 5507.0, 5509.0, 5274.0, 5488.0, 5592.0, 5700.0, 5616.0, 5717.0, 5355.0, 5456.0, 5613.0, 5658.0, 5275.0, 5593.0, 5429.0, 5542.0, 5299.0, 5682.0, 5520.0, 5707.0, 5710.0, 5474.0, 5309.0, 5646.0, 5506.0, 5519.0, 5604.0, 5411.0, 5603.0, 5352.0, 5347.0, 5631.0, 5697.0, 5350.0, 5694.0, 5546.0, 5531.0, 5626.0, 5677.0, 5703.0, 5606.0, 5681.0, 5623.0, 5337.0, 5610.0, 5292.0, 5418.0, 5259.0, 5505.0, 5718.0, 5704.0, 5296.0, 5650.0, 5379.0, 5554.0, 5642.0, 5512.0, 5691.0, 5333.0, 5447.0, 5614.0, 5722.0, 5271.0, 5345.0, 5633.0, 5590.0, 5555.0, 5625.0, 5310.0, 5591.0, 5538.0, 5293.0, 5373.0, 5676.0, 5692.0, 5461.0, 5559.0, 5659.0, 5675.0, 5339.0, 5608.0, 5431.0, 5577.0, 5386.0, 5332.0, 5404.0, 5366.0, 5495.0, 5291.0, 5417.0, 5406.0, 5413.0, 5378.0, 5639.0, 5529.0, 5638.0
15	5270	9	1	333	1	5610.0, 5554.0, 5291.0, 5290.0, 5529.0, 5629.0, 5364.0, 5484.0, 5569.0, 5637.0, 5576.0, 5614.0, 5706.0, 5334.0, 5447.0, 5697.0, 5343.0, 5603.0, 5556.0, 5269.0, 5376.0, 5459.0, 5427.0, 5686.0, 5717.0, 5537.0, 5281.0, 5425.0, 5400.0, 5623.0, 5257.0, 5431.0, 5527.0, 5560.0, 5475.0, 5362.0, 5328.0, 5669.0, 5359.0, 5630.0, 5288.0, 5375.0, 5468.0, 5643.0, 5524.0, 5388.0, 5276.0, 5602.0, 5532.0, 5448.0, 5521.0, 5390.0, 5540.0, 5656.0, 5262.0, 5568.0, 5413.0, 5473.0, 5296.0, 5689.0, 5432.0, 5519.0, 5469.0, 5709.0, 5587.0

						5368.0, 5261.0, 5450.0, 5437.0, 5415.0, 5711.0, 5550.0, 5462.0, 5549.0, 5715.0, 5503.0, 5353.0, 5644.0, 5673.0, 5304.0, 5672.0, 5520.0, 5389.0, 5594.0, 5460.0, 5575.0, 5381.0, 5470.0, 5323.0, 5436.0, 5507.0, 5258.0, 5516.0, 5428.0, 5515.0, 5683.0, 5367.0, 5592.0, 5682.0, 5357.0
16	5270	9	1	333	1	5308.0, 5345.0, 5536.0, 5543.0, 5668.0, 5581.0, 5524.0, 5556.0, 5600.0, 5297.0, 5537.0, 5276.0, 5557.0, 5262.0, 5640.0, 5663.0, 5489.0, 5480.0, 5263.0, 5674.0, 5279.0, 5287.0, 5610.0, 5513.0, 5390.0, 5317.0, 5385.0, 5281.0, 5322.0, 5413.0, 5501.0, 5425.0, 5542.0, 5321.0, 5254.0, 5320.0, 5591.0, 5516.0, 5400.0, 5504.0, 5272.0, 5264.0, 5452.0, 5586.0, 5618.0, 5607.0, 5362.0, 5505.0, 5301.0, 5661.0, 5561.0, 5334.0, 5547.0, 5367.0, 5650.0, 5453.0, 5502.0, 5577.0, 5491.0, 5298.0, 5718.0, 5531.0, 5358.0, 5380.0, 5484.0, 5420.0, 5326.0, 5331.0, 5376.0, 5511.0, 5499.0, 5584.0, 5716.0, 5469.0, 5252.0, 5708.0, 5258.0, 5609.0, 5671.0, 5596.0, 5566.0, 5482.0, 5398.0, 5703.0, 5678.0, 5677.0, 5720.0, 5660.0, 5478.0, 5507.0, 5700.0, 5496.0, 5652.0, 5392.0, 5339.0, 5268.0, 5572.0, 5597.0, 5319.0, 5259.0
17	5270	9	1	333	1	5723.0, 5294.0, 5293.0, 5258.0, 5297.0, 5479.0, 5281.0, 5266.0, 5650.0, 5292.0, 5342.0, 5555.0, 5370.0, 5667.0, 5496.0, 5350.0, 5710.0, 5579.0, 5722.0, 5492.0, 5309.0, 5473.0, 5508.0, 5377.0, 5384.0, 5527.0, 5402.0, 5506.0, 5366.0, 5328.0, 5389.0, 5396.0, 5468.0, 5634.0, 5525.0, 5507.0, 5382.0, 5564.0, 5271.0, 5646.0, 5690.0, 5697.0, 5314.0, 5417.0, 5557.0, 5562.0, 5393.0, 5296.0, 5594.0, 5510.0, 5674.0, 5283.0, 5684.0, 5575.0, 5298.0, 5720.0, 5665.0, 5603.0, 5397.0, 5383.0, 5315.0, 5610.0, 5387.0, 5303.0, 5253.0, 5349.0, 5289.0, 5623.0, 5685.0, 5595.0, 5615.0, 5288.0, 5452.0, 5356.0, 5601.0, 5261.0, 5282.0, 5675.0, 5465.0, 5345.0, 5651.0, 5669.0, 5553.0, 5360.0, 5521.0, 5609.0, 5494.0, 5532.0, 5625.0, 5457.0, 5319.0, 5308.0, 5602.0, 5526.0, 5702.0, 5599.0, 5304.0, 5611.0, 5275.0, 5712.0
18	5270	9	1	333	1	5337.0, 5682.0, 5711.0, 5258.0, 5722.0, 5532.0, 5503.0, 5361.0, 5455.0, 5511.0, 5303.0, 5573.0, 5438.0, 5263.0, 5516.0, 5387.0, 5433.0, 5608.0, 5517.0, 5489.0, 5650.0, 5642.0, 5580.0, 5692.0, 5665.0, 5290.0, 5701.0, 5661.0, 5659.0, 5686.0, 5528.0, 5657.0, 5602.0, 5267.0, 5382.0, 5442.0, 5402.0, 5359.0, 5454.0, 5448.0, 5684.0, 5588.0, 5518.0, 5451.0, 5552.0, 5525.0, 5362.0, 5540.0, 5252.0, 5654.0, 5500.0, 5313.0, 5260.0, 5633.0, 5578.0, 5398.0, 5395.0, 5670.0, 5509.0, 5479.0, 5643.0, 5344.0, 5519.0, 5378.0, 5255.0

						5611.0, 5288.0, 5713.0, 5364.0, 5558.0, 5561.0, 5715.0, 5694.0, 5690.0, 5311.0, 5419.0, 5662.0, 5510.0, 5268.0, 5309.0, 5604.0, 5284.0, 5259.0, 5563.0, 5548.0, 5655.0, 5554.0, 5499.0, 5603.0, 5264.0, 5625.0, 5629.0, 5609.0, 5282.0, 5430.0, 5596.0, 5331.0, 5322.0, 5526.0, 5594.0
19	5270	9	1	333	1	5367.0, 5529.0, 5577.0, 5611.0, 5500.0, 5411.0, 5630.0, 5396.0, 5582.0, 5705.0, 5400.0, 5624.0, 5351.0, 5532.0, 5302.0, 5434.0, 5519.0, 5303.0, 5423.0, 5701.0, 5535.0, 5362.0, 5339.0, 5629.0, 5284.0, 5587.0, 5707.0, 5685.0, 5261.0, 5380.0, 5568.0, 5719.0, 5683.0, 5525.0, 5257.0, 5585.0, 5381.0, 5623.0, 5345.0, 5479.0, 5691.0, 5444.0, 5331.0, 5643.0, 5684.0, 5461.0, 5383.0, 5489.0, 5263.0, 5563.0, 5385.0, 5716.0, 5714.0, 5308.0, 5316.0, 5290.0, 5584.0, 5388.0, 5456.0, 5448.0, 5658.0, 5426.0, 5277.0, 5593.0, 5267.0, 5307.0, 5597.0, 5458.0, 5451.0, 5516.0, 5393.0, 5657.0, 5573.0, 5668.0, 5468.0, 5289.0, 5676.0, 5589.0, 5368.0, 5455.0, 5475.0, 5374.0, 5372.0, 5420.0, 5670.0, 5606.0, 5416.0, 5282.0, 5463.0, 5376.0, 5301.0, 5696.0, 5620.0, 5644.0, 5453.0, 5599.0, 5534.0, 5312.0, 5710.0, 5269.0
20	5270	9	1	333	1	5377.0, 5268.0, 5674.0, 5537.0, 5407.0, 5443.0, 5432.0, 5323.0, 5689.0, 5272.0, 5262.0, 5536.0, 5291.0, 5423.0, 5472.0, 5336.0, 5684.0, 5344.0, 5326.0, 5328.0, 5655.0, 5335.0, 5695.0, 5648.0, 5316.0, 5489.0, 5364.0, 5683.0, 5376.0, 5707.0, 5465.0, 5476.0, 5438.0, 5269.0, 5396.0, 5616.0, 5473.0, 5442.0, 5459.0, 5650.0, 5542.0, 5355.0, 5353.0, 5673.0, 5290.0, 5392.0, 5722.0, 5663.0, 5469.0, 5670.0, 5529.0, 5395.0, 5310.0, 5704.0, 5576.0, 5554.0, 5515.0, 5520.0, 5461.0, 5276.0, 5429.0, 5380.0, 5313.0, 5399.0, 5558.0, 5698.0, 5644.0, 5560.0, 5307.0, 5294.0, 5534.0, 5585.0, 5345.0, 5393.0, 5385.0, 5562.0, 5394.0, 5553.0, 5418.0, 5680.0, 5703.0, 5589.0, 5397.0, 5566.0, 5654.0, 5697.0, 5285.0, 5550.0, 5300.0, 5331.0, 5347.0, 5531.0, 5708.0, 5718.0, 5621.0, 5533.0, 5441.0, 5484.0, 5366.0, 5511.0
21	5270	9	1	333	1	5325.0, 5341.0, 5467.0, 5413.0, 5585.0, 5520.0, 5405.0, 5487.0, 5479.0, 5300.0, 5692.0, 5329.0, 5667.0, 5255.0, 5282.0, 5717.0, 5318.0, 5488.0, 5549.0, 5256.0, 5392.0, 5303.0, 5480.0, 5539.0, 5455.0, 5444.0, 5302.0, 5673.0, 5474.0, 5559.0, 5606.0, 5646.0, 5665.0, 5368.0, 5659.0, 5363.0, 5433.0, 5476.0, 5354.0, 5410.0, 5463.0, 5536.0, 5624.0, 5621.0, 5572.0, 5522.0, 5513.0, 5478.0, 5330.0, 5670.0, 5362.0, 5373.0, 5323.0, 5581.0, 5426.0, 5571.0, 5412.0, 5703.0, 5682.0, 5475.0, 5596.0, 5684.0, 5399.0, 5454.0, 5277.0,

						5512.0, 5295.0, 5593.0, 5436.0, 5579.0, 5555.0, 5280.0, 5553.0, 5677.0, 5594.0, 5671.0, 5406.0, 5316.0, 5344.0, 5688.0, 5533.0, 5397.0, 5361.0, 5508.0, 5424.0, 5364.0, 5423.0, 5384.0, 5486.0, 5674.0, 5651.0, 5568.0, 5431.0, 5372.0, 5569.0, 5404.0, 5407.0, 5612.0, 5374.0, 5608.0
22	5270	9	1	333	1	5524.0, 5339.0, 5722.0, 5633.0, 5545.0, 5327.0, 5708.0, 5426.0, 5422.0, 5603.0, 5476.0, 5634.0, 5367.0, 5374.0, 5523.0, 5581.0, 5479.0, 5364.0, 5526.0, 5702.0, 5509.0, 5263.0, 5331.0, 5463.0, 5587.0, 5590.0, 5635.0, 5396.0, 5688.0, 5406.0, 5289.0, 5597.0, 5428.0, 5474.0, 5570.0, 5681.0, 5513.0, 5481.0, 5376.0, 5723.0, 5674.0, 5560.0, 5378.0, 5398.0, 5487.0, 5483.0, 5679.0, 5613.0, 5507.0, 5683.0, 5578.0, 5458.0, 5680.0, 5508.0, 5362.0, 5606.0, 5300.0, 5366.0, 5265.0, 5324.0, 5336.0, 5431.0, 5417.0, 5427.0, 5525.0, 5360.0, 5521.0, 5413.0, 5604.0, 5582.0, 5539.0, 5424.0, 5696.0, 5408.0, 5502.0, 5595.0, 5625.0, 5381.0, 5642.0, 5358.0, 5278.0, 5373.0, 5335.0, 5321.0, 5561.0, 5682.0, 5678.0, 5660.0, 5557.0, 5440.0, 5433.0, 5484.0, 5506.0, 5648.0, 5390.0, 5658.0, 5575.0, 5452.0, 5621.0, 5368.0
23	5270	9	1	333	1	5460.0, 5696.0, 5708.0, 5645.0, 5702.0, 5662.0, 5454.0, 5408.0, 5428.0, 5564.0, 5657.0, 5639.0, 5555.0, 5652.0, 5346.0, 5479.0, 5614.0, 5271.0, 5473.0, 5661.0, 5679.0, 5629.0, 5591.0, 5409.0, 5301.0, 5494.0, 5471.0, 5569.0, 5484.0, 5511.0, 5372.0, 5338.0, 5268.0, 5432.0, 5310.0, 5456.0, 5637.0, 5491.0, 5267.0, 5561.0, 5654.0, 5274.0, 5407.0, 5524.0, 5536.0, 5668.0, 5582.0, 5686.0, 5270.0, 5303.0, 5715.0, 5414.0, 5588.0, 5293.0, 5353.0, 5403.0, 5362.0, 5655.0, 5570.0, 5618.0, 5333.0, 5492.0, 5515.0, 5682.0, 5317.0, 5613.0, 5619.0, 5514.0, 5680.0, 5434.0, 5714.0, 5556.0, 5256.0, 5703.0, 5326.0, 5314.0, 5469.0, 5672.0, 5308.0, 5496.0, 5287.0, 5441.0, 5587.0, 5676.0, 5388.0, 5439.0, 5297.0, 5354.0, 5534.0, 5586.0, 5427.0, 5265.0, 5603.0, 5628.0, 5626.0, 5719.0, 5690.0, 5687.0, 5373.0, 5383.0
24	5270	9	1	333	1	5513.0, 5334.0, 5614.0, 5451.0, 5325.0, 5259.0, 5533.0, 5643.0, 5636.0, 5666.0, 5554.0, 5625.0, 5699.0, 5606.0, 5405.0, 5681.0, 5335.0, 5394.0, 5475.0, 5514.0, 5715.0, 5568.0, 5604.0, 5416.0, 5314.0, 5510.0, 5525.0, 5479.0, 5457.0, 5349.0, 5642.0, 5641.0, 5671.0, 5652.0, 5560.0, 5493.0, 5668.0, 5389.0, 5361.0, 5279.0, 5261.0, 5705.0, 5365.0, 5470.0, 5612.0, 5649.0, 5344.0, 5611.0, 5460.0, 5290.0, 5570.0, 5373.0, 5393.0, 5546.0, 5552.0, 5291.0, 5651.0, 5461.0, 5532.0, 5596.0, 5607.0, 5283.0, 5537.0, 5601.0, 5712.0

						5303.0, 5536.0, 5593.0, 5550.0, 5309.0, 5360.0, 5522.0, 5599.0, 5386.0, 5581.0, 5633.0, 5410.0, 5421.0, 5436.0, 5446.0, 5615.0, 5646.0, 5509.0, 5315.0, 5387.0, 5624.0, 5634.0, 5489.0, 5690.0, 5588.0, 5280.0, 5374.0, 5617.0, 5350.0, 5692.0, 5689.0, 5538.0, 5626.0, 5339.0, 5481.0
25	5270	9	1	333	1	5714.0, 5683.0, 5521.0, 5407.0, 5711.0, 5634.0, 5337.0, 5467.0, 5392.0, 5266.0, 5628.0, 5456.0, 5287.0, 5665.0, 5436.0, 5571.0, 5383.0, 5548.0, 5581.0, 5286.0, 5487.0, 5598.0, 5362.0, 5379.0, 5294.0, 5661.0, 5670.0, 5412.0, 5594.0, 5673.0, 5570.0, 5388.0, 5394.0, 5311.0, 5261.0, 5507.0, 5301.0, 5638.0, 5336.0, 5439.0, 5490.0, 5405.0, 5395.0, 5697.0, 5696.0, 5465.0, 5551.0, 5264.0, 5421.0, 5680.0, 5534.0, 5657.0, 5721.0, 5470.0, 5419.0, 5256.0, 5346.0, 5720.0, 5717.0, 5639.0, 5364.0, 5644.0, 5520.0, 5574.0, 5449.0, 5523.0, 5494.0, 5566.0, 5664.0, 5255.0, 5678.0, 5540.0, 5347.0, 5277.0, 5671.0, 5453.0, 5615.0, 5279.0, 5602.0, 5556.0, 5491.0, 5586.0, 5668.0, 5257.0, 5488.0, 5565.0, 5533.0, 5270.0, 5303.0, 5265.0, 5475.0, 5596.0, 5513.0, 5544.0, 5390.0, 5676.0, 5367.0, 5327.0, 5252.0, 5300.0
26	5270	9	1	333	1	5406.0, 5639.0, 5587.0, 5593.0, 5610.0, 5347.0, 5574.0, 5577.0, 5646.0, 5459.0, 5466.0, 5274.0, 5384.0, 5454.0, 5514.0, 5437.0, 5572.0, 5714.0, 5278.0, 5457.0, 5669.0, 5585.0, 5501.0, 5661.0, 5547.0, 5431.0, 5317.0, 5288.0, 5349.0, 5674.0, 5312.0, 5583.0, 5289.0, 5724.0, 5390.0, 5285.0, 5486.0, 5402.0, 5489.0, 5364.0, 5334.0, 5363.0, 5531.0, 5387.0, 5408.0, 5446.0, 5557.0, 5257.0, 5358.0, 5521.0, 5397.0, 5380.0, 5536.0, 5263.0, 5526.0, 5589.0, 5524.0, 5695.0, 5634.0, 5528.0, 5464.0, 5616.0, 5677.0, 5594.0, 5624.0, 5280.0, 5708.0, 5632.0, 5373.0, 5615.0, 5645.0, 5611.0, 5339.0, 5692.0, 5442.0, 5273.0, 5338.0, 5561.0, 5675.0, 5417.0, 5576.0, 5568.0, 5433.0, 5326.0, 5331.0, 5599.0, 5658.0, 5633.0, 5399.0, 5662.0, 5713.0, 5626.0, 5642.0, 5260.0, 5342.0, 5294.0, 5527.0, 5660.0, 5305.0, 5694.0
27	5270	9	1	333	1	5392.0, 5525.0, 5252.0, 5648.0, 5312.0, 5694.0, 5496.0, 5594.0, 5538.0, 5423.0, 5597.0, 5616.0, 5695.0, 5681.0, 5659.0, 5611.0, 5257.0, 5654.0, 5478.0, 5631.0, 5688.0, 5628.0, 5584.0, 5485.0, 5722.0, 5318.0, 5280.0, 5517.0, 5281.0, 5508.0, 5455.0, 5411.0, 5412.0, 5601.0, 5387.0, 5682.0, 5644.0, 5490.0, 5540.0, 5253.0, 5591.0, 5687.0, 5267.0, 5636.0, 5607.0, 5575.0, 5366.0, 5298.0, 5610.0, 5556.0, 5586.0, 5483.0, 5435.0, 5674.0, 5645.0, 5618.0, 5396.0, 5500.0, 5593.0, 5464.0, 5679.0, 5438.0, 5690.0, 5375.0, 5677.0,

						5516.0, 5567.0, 5710.0, 5573.0, 5441.0, 5439.0, 5433.0, 5545.0, 5420.0, 5639.0, 5512.0, 5301.0, 5321.0, 5460.0, 5446.0, 5604.0, 5373.0, 5352.0, 5524.0, 5407.0, 5489.0, 5561.0, 5425.0, 5487.0, 5549.0, 5718.0, 5350.0, 5533.0, 5685.0, 5337.0, 5585.0, 5643.0, 5314.0, 5507.0, 5499.0
28	5270	9	1	333	1	5649.0, 5308.0, 5287.0, 5430.0, 5424.0, 5536.0, 5681.0, 5320.0, 5556.0, 5250.0, 5561.0, 5703.0, 5694.0, 5464.0, 5441.0, 5588.0, 5673.0, 5600.0, 5457.0, 5481.0, 5268.0, 5518.0, 5293.0, 5628.0, 5685.0, 5562.0, 5417.0, 5523.0, 5450.0, 5499.0, 5545.0, 5465.0, 5415.0, 5383.0, 5251.0, 5390.0, 5534.0, 5514.0, 5551.0, 5565.0, 5393.0, 5662.0, 5295.0, 5405.0, 5446.0, 5543.0, 5386.0, 5376.0, 5253.0, 5428.0, 5715.0, 5372.0, 5539.0, 5426.0, 5304.0, 5381.0, 5633.0, 5597.0, 5637.0, 5440.0, 5666.0, 5530.0, 5488.0, 5452.0, 5623.0, 5606.0, 5332.0, 5361.0, 5682.0, 5325.0, 5480.0, 5329.0, 5449.0, 5254.0, 5356.0, 5525.0, 5436.0, 5510.0, 5619.0, 5350.0, 5286.0, 5394.0, 5326.0, 5333.0, 5292.0, 5437.0, 5370.0, 5352.0, 5533.0, 5557.0, 5581.0, 5473.0, 5658.0, 5721.0, 5661.0, 5387.0, 5686.0, 5399.0, 5602.0, 5489.0
29	5270	9	1	333	1	5335.0, 5481.0, 5592.0, 5719.0, 5277.0, 5275.0, 5391.0, 5624.0, 5307.0, 5392.0, 5703.0, 5497.0, 5305.0, 5473.0, 5377.0, 5414.0, 5471.0, 5558.0, 5486.0, 5559.0, 5358.0, 5577.0, 5612.0, 5519.0, 5330.0, 5319.0, 5470.0, 5430.0, 5491.0, 5376.0, 5365.0, 5571.0, 5520.0, 5408.0, 5678.0, 5637.0, 5379.0, 5526.0, 5409.0, 5625.0, 5506.0, 5446.0, 5388.0, 5460.0, 5636.0, 5449.0, 5590.0, 5386.0, 5395.0, 5544.0, 5562.0, 5548.0, 5265.0, 5483.0, 5337.0, 5682.0, 5588.0, 5281.0, 5302.0, 5552.0, 5419.0, 5551.0, 5413.0, 5445.0, 5547.0, 5663.0, 5468.0, 5640.0, 5348.0, 5622.0, 5350.0, 5285.0, 5298.0, 5575.0, 5642.0, 5582.0, 5424.0, 5555.0, 5448.0, 5595.0, 5260.0, 5489.0, 5648.0, 5692.0, 5572.0, 5402.0, 5647.0, 5721.0, 5354.0, 5488.0, 5393.0, 5390.0, 5434.0, 5537.0, 5496.0, 5300.0, 5427.0, 5278.0, 5458.0, 5270.0
30	5270	9	1	333	1	5475.0, 5470.0, 5684.0, 5561.0, 5639.0, 5402.0, 5560.0, 5356.0, 5690.0, 5482.0, 5533.0, 5650.0, 5549.0, 5330.0, 5465.0, 5701.0, 5376.0, 5272.0, 5587.0, 5414.0, 5682.0, 5388.0, 5703.0, 5655.0, 5280.0, 5370.0, 5389.0, 5486.0, 5393.0, 5595.0, 5568.0, 5416.0, 5679.0, 5499.0, 5327.0, 5696.0, 5616.0, 5547.0, 5289.0, 5314.0, 5645.0, 5596.0, 5358.0, 5339.0, 5669.0, 5472.0, 5580.0, 5341.0, 5536.0, 5286.0, 5331.0, 5352.0, 5410.0, 5681.0, 5688.0, 5550.0, 5284.0, 5366.0, 5698.0, 5382.0, 5427.0, 5323.0, 5620.0, 5256.0, 5438.0



						5541.0, 5421.0, 5329.0, 5428.0, 5718.0, 5295.0, 5308.0, 5589.0, 5277.0, 5502.0, 5299.0, 5420.0, 5276.0, 5643.0, 5552.0, 5477.0, 5283.0, 5462.0, 5559.0, 5294.0, 5350.0, 5630.0, 5423.0, 5458.0, 5270.0, 5401.0, 5400.0, 5446.0, 5700.0, 5677.0, 5387.0, 5476.0, 5491.0, 5664.0, 5590.0
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**80MHz**

<b>Radar SignalType</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A</b>	15	100%	60%	pass
<b>Type 1B</b>	15	100%	60%	pass
<b>Type 2</b>	30	100 %	60%	Pass
<b>Type 3</b>	30	100 %	60%	Pass
<b>Type 4</b>	30	100 %	60%	Pass
<b>Aggregate(Type1 to 4)</b>	120	100 %	80%	Pass
<b>Type 5</b>	30	100 %	80%	Pass
<b>Type 6</b>	30	100 %	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	86	1	618	1
2	5290	89	1	598	1
3	5290	72	1	738	1
4	5290	63	1	838	1
5	5290	57	1	938	1
6	5290	65	1	818	1
7	5290	58	1	918	1
8	5290	92	1	578	1
9	5290	18	1	3066	1
10	5290	67	1	798	1
11	5290	62	1	858	1
12	5290	74	1	718	1
13	5290	59	1	898	1
14	5290	70	1	758	1
15	5290	78	1	678	1
Detection Percentage: 100 % (>60%)					

**Radar Type 1B Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5290	77	1	686	1
2	5290	20	1	2727	1
3	5290	23	1	2336	1
4	5290	19	1	2844	1
5	5290	73	1	729	1
6	5290	37	1	1433	1
7	5290	101	1	527	1
8	5290	23	1	2299	1
9	5290	43	1	1241	1
10	5290	41	1	1297	1
11	5290	19	1	2862	1
12	5290	57	1	942	1
13	5290	23	1	2322	1
14	5290	36	1	1507	1
15	5290	55	1	962	1
Detection Percentage: 100 % (>60%)					

**Radar Type 2 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5290	28	3.9	225	1
2	5290	29	5	150	1
3	5290	26	3.3	169	1
4	5290	29	2.5	150	1
5	5290	26	2.9	215	1
6	5290	23	4.3	182	1
7	5290	28	4.2	215	1
8	5290	27	2.4	173	1
9	5290	24	3.9	194	1
10	5290	26	2.8	220	1
11	5290	27	1.3	184	1
12	5290	25	4	178	1
13	5290	26	4.4	225	1
14	5290	26	2.8	181	1
15	5290	26	4.5	222	1
16	5290	29	3.8	160	1
17	5290	25	1.3	215	1
18	5290	24	1	179	1
19	5290	23	2.6	160	1
20	5290	27	3.8	209	1
21	5290	26	2.7	157	1
22	5290	25	1.8	167	1
23	5290	27	4.2	174	1
24	5290	27	4.7	211	1
25	5290	23	1.7	226	1
26	5290	28	3.3	188	1
27	5290	25	4.7	219	1
28	5290	26	1.1	186	1
29	5290	25	3.3	171	1
30	5290	29	5	215	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 3 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5290	17	7.2	482	1
2	5290	16	9.2	265	1
3	5290	17	9.6	414	1
4	5290	17	8.8	348	1
5	5290	17	9.5	295	1
6	5290	18	8.3	231	1
7	5290	16	8.3	296	1
8	5290	16	8.8	250	1
9	5290	18	7.4	244	1
10	5290	16	7.2	444	1
11	5290	17	7.5	275	1
12	5290	18	9.7	339	1
13	5290	18	8.8	345	1
14	5290	17	8.5	465	1
15	5290	17	6.5	411	1
16	5290	18	9.7	272	1
17	5290	16	8.9	388	1
18	5290	16	7.5	214	1
19	5290	17	7.1	432	1
20	5290	16	7.5	391	1
21	5290	18	6.4	227	1
22	5290	17	8.7	479	1
23	5290	18	7.9	421	1
24	5290	16	9.9	415	1
25	5290	17	7.7	228	1
26	5290	17	8.2	419	1
27	5290	16	6.8	401	1
28	5290	16	7.3	363	1
29	5290	16	7	303	1
30	5290	17	9.8	425	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 4 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5290	13	15.9	380	1
2	5290	14	18.5	492	1
3	5290	13	13.9	305	1
4	5290	16	19	301	1
5	5290	15	14	356	1
6	5290	13	14.4	446	1
7	5290	12	16.1	459	1
8	5290	14	15.2	359	1
9	5290	15	12.7	408	1
10	5290	14	18.8	413	1
11	5290	13	13.4	282	1
12	5290	16	17.4	213	1
13	5290	14	17.4	322	1
14	5290	12	19.2	495	1
15	5290	13	19.4	438	1
16	5290	14	18.8	322	1
17	5290	14	18.2	430	1
18	5290	14	19.9	302	1
19	5290	15	15.6	344	1
20	5290	15	18.6	209	1
21	5290	16	12.6	443	1
22	5290	13	19.8	483	1
23	5290	12	11.3	308	1
24	5290	14	15.8	359	1
25	5290	12	12.1	326	1
26	5290	13	20	245	1
27	5290	12	17.5	486	1
28	5290	14	13.9	259	1
29	5290	16	19.3	230	1
30	5290	16	19.2	277	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 5 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	2	13	54.3	1910		0.774233	1
1	2	13	81.4	1094		2.098616	
2	2	13	94.2	1670		3.046071	
3	3	13	99.7	1044	1122	4.436868	
4	2	13	75.7	1256		6.169256	
5	3	13	57.2	1202	1497	7.324211	
6	3	13	73.5	1184	1702	8.173905	
7	3	13	61.3	1260	1381	9.423913	
8	3	13	65.3	1342	1215	11.426183	

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	1	12	86.7			0.012168	1
1	1	12	95			1.042978	
2	3	12	79.6	1740	1356	1.890136	
3	2	12	67.8	1629		2.561668	
4	2	12	82.4	1114		3.232859	
5	3	12	56.9	1858	1441	3.659116	
6	2	12	68.4	1831		4.912133	
7	2	12	61.6	1099		5.080352	
8	2	12	95.2	1206		6.230337	
9	1	12	72.7			6.787687	
10	2	12	54.2	1874		7.565269	
11	3	12	60	1583	1213	8.344211	
12	3	12	60.8	1385	1061	9.074356	
13	2	12	84.4	1194		9.237919	
14	2	12	82.8	1014		10.422927	
15	2	12	94	1111		11.21532	
16	2	12	60.8	1954		11.57791	

## 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	1	7	98.6			0.838579	1
1	2	7	71	1653		2.865036	
2	3	7	55.7	1299	1912	4.459656	
3	3	7	81.8	1326	1716	5.489547	
4	2	7	67.8	1642		6.288092	
5	3	7	68.6	1132	1298	7.650265	
6	2	7	54.8	1041		9.828936	
7	1	7	86.2			11.101918	

## 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	10	64.8			0.081209	1
1	2	10	67.3	1927		2.148546	
2	3	10	79.3	1820	1438	3.085911	
3	2	10	61.4	1188		3.592296	
4	1	10	91.5			5.094795	
5	2	10	69.8	1255		6.306848	
6	2	10	75.3	1183		7.415846	
7	3	10	76	1322	1552	8.323039	
8	1	10	68.7			8.948126	
9	1	10	97.3			10.480518	
10	2	10	82.1	1862		11.771786	



## 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	1	15	67.6			0.575871	1
1	2	15	61.8	1023		1.073963	
2	2	15	51.5	1750		1.851798	
3	2	15	83	1446		3.085424	
4	3	15	95.5	1219	1416	3.936193	
5	2	15	87.7	1887		5.096199	
6	3	15	62.2	1119	1356	6.447815	
7	2	15	86.5	1145		7.380316	
8	1	15	89.9			7.599892	
9	2	15	68.7	1685		8.345933	
10	2	15	73.8	1945		9.784199	
11	3	15	62.3	1225	1038	10.170365	
12	2	15	77	1371		11.645674	

## 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	2	9	61.5	1668		0.315078	1
1	2	9	54.4	1981		1.064	
2	1	9	93.5			1.567527	
3	2	9	59.1	1288		2.376552	
4	1	9	77.1			2.920166	
5	1	9	81.4			3.237096	
6	3	9	92.7	1991	1796	4.233746	
7	3	9	66.9	1445	1182	4.663806	
8	2	9	80.6	1895		5.611699	
9	1	9	89.8			6.066844	
10	1	9	76.1			6.483643	
11	2	9	78.4	1334		7.341077	
12	1	9	77.8			8.029579	
13	1	9	96.4			8.628792	
14	2	9	60.3	1579		9.177412	
15	2	9	81.1	1224		9.7135	
16	2	9	79.6	1941		10.151918	
17	1	9	65.7			11.106377	
18	2	9	70.8	1857		11.397758	

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	1	16	66.1			0.73394	1
1	2	16	89.2	1810		1.031929	
2	3	16	69.1	1298	1499	2.0595	
3	3	16	90.1	1776	1918	3.139078	
4	2	16	86.5	1265		3.904557	
5	1	16	84.4			4.287975	
6	2	16	94.7	1314		5.341868	
7	3	16	54.4	1024	1929	6.238391	
8	2	16	90.1	1703		7.279217	
9	1	16	86			8.292369	
10	2	16	63.7	1955		8.966086	
11	1	16	69.5			9.935135	
12	2	16	91.4	1222		10.423251	
13	2	16	65.3	1319		11.386496	

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	3	10	88.3	1165	1628	0.160683	1
1	1	10	50.8			0.952525	
2	3	10	91	1569	1786	1.281814	
3	1	10	63.3			2.234826	
4	2	10	87.7	1272		2.927311	
5	3	10	59.5	1590	1692	3.507283	
6	3	10	50.2	1572	1118	3.672754	
7	3	10	69.8	1410	1581	4.770531	
8	3	10	85.1	1032	1552	4.950665	
9	2	10	95.1	1810		5.545985	
10	2	10	51.3	1991		6.083598	
11	1	10	51.2			6.682614	
12	2	10	85.1	1232		7.690067	
13	1	10	84.2			8.038243	
14	1	10	51.2			8.453554	
15	2	10	83.5	1376		9.18817	
16	3	10	75.5	1090	1268	10.08475	
17	1	10	96.8			10.576799	
18	2	10	81.1	1342		10.985017	
19	2	10	81	1780		11.423144	

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	1	14	57.6			0.727162	1
1	2	14	56.8	1918		0.918056	
2	2	14	93.5	1618		2.084608	
3	1	14	96.9			2.550604	
4	2	14	60	1422		3.569468	
5	3	14	71.6	1227	1722	4.655761	
6	2	14	61.6	1236		5.196903	
7	2	14	92.6	1529		5.824216	
8	2	14	66.6	1147		6.59956	
9	3	14	69.6	1204	1172	7.494502	
10	2	14	56.6	1130		8.25194	
11	1	14	51.3			9.499224	
12	1	14	85.1			9.769065	
13	2	14	67.2	1656		10.619975	
14	2	14	67.6	1535		11.74536	

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	2	7	59.2	1598		0.492037	1
1	2	7	52.8	1023		2.029796	
2	2	7	73	1864		3.871876	
3	1	7	58			4.45134	
4	1	7	86.1			5.575093	
5	3	7	64.8	1643	1372	7.828229	
6	2	7	63.2	1827		8.626041	
7	2	7	63.5	1486		9.85455	
8	3	7	81.2	1552	1574	11.671841	

## Statistics 11 (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	6	73.8	1359		0.267554	1
1	1	6	80.4			0.972861	
2	2	6	66.9	1372		2.149384	
3	2	6	69	1631		2.807491	
4	2	6	89.3	1037		4.050896	
5	3	6	88.3	1460	1842	4.718522	
6	1	6	76.8			5.552139	
7	2	6	64.4	1415		6.654375	
8	3	6	88.4	1172	1091	7.026632	
9	3	6	98.4	1918	1219	7.92998	
10	1	6	83			8.810166	
11	1	6	86.5			9.884911	
12	2	6	65.3	1402		11.038709	
13	2	6	63.1	1746		11.250647	

## Statistics 12 (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	7	92.9	1462		0.095008	1
1	3	7	67.3	1256	1168	1.055888	
2	1	7	91.7			1.919944	
3	3	7	86.7	1209	1670	2.373773	
4	3	7	97.4	1367	1785	3.259157	
5	2	7	79.1	1121		4.032817	
6	1	7	66.9			5.058979	
7	2	7	88.6	1052		5.292501	
8	1	7	66.5			6.133405	
9	3	7	66	1934	1013	7.349309	
10	2	7	82.9	1687		8.104089	
11	1	7	59.9			8.514204	
12	2	7	57	1732		9.036574	
13	2	7	70.4	1942		10.40229	
14	2	7	91.8	1018		10.613397	
15	1	7	95.1			11.561915	

## Statistics 13 (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	7	87.6	1352		0.365744	1
1	3	7	64.2	1559	1706	0.663361	
2	1	7	84.4			1.603483	
3	2	7	95.1	1775		2.360573	
4	2	7	98	1257		2.804102	
5	1	7	83.1			3.485676	
6	3	7	62.6	1418	1668	4.314831	
7	2	7	50.5	1312		4.83955	
8	1	7	54.3			5.218359	
9	1	7	54.3			6.276576	
10	2	7	92.6	1911		6.745185	
11	2	7	94.1	1475		7.05589	
12	3	7	87.3	1695	1207	7.80069	
13	1	7	89.3			8.258297	
14	3	7	52.2	1530	1803	8.871855	
15	1	7	51.1			9.808775	
16	2	7	64.3	1186		10.249858	
17	2	7	89.7	1122		11.143813	
18	2	7	68.6	1208		11.909793	

## Statistics 14 (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	12	94.6	1797		0.649253	1
1	1	12	66.1			1.438986	
2	2	12	96.5	1755		2.247927	
3	1	12	62.6			3.142503	
4	1	12	74.1			3.928477	
5	2	12	74.9	1045		4.7174	
6	1	12	95.6			5.749197	
7	2	12	94	1603		6.979972	
8	1	12	91.7			7.787202	
9	3	12	83.4	1733	1385	8.50405	
10	2	12	96.8	1369		10.035396	
11	1	12	97.1			10.848896	
12	1	12	86.3			11.468151	

## Statistics 15 (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	6	50.2	1177		0.582723	1
1	2	6	75.4	1831		1.190742	
2	2	6	54.8	1819		2.169841	
3	1	6	66.7			2.674971	
4	1	6	54.4			3.023357	
5	2	6	81.8	1123		3.927393	
6	2	6	65.9	1550		5.217871	
7	2	6	68.5	1092		5.994212	
8	1	6	59.4			6.116287	
9	2	6	50.3	1786		7.189396	
10	2	6	69.1	1603		7.923124	
11	2	6	50.9	1399		8.559003	
12	2	6	91.2	1813		9.662957	
13	2	6	51.7	1573		10.088406	
14	2	6	66.6	1823		10.568753	
15	1	6	77.6			11.850584	

## Statistics 16 (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	3	10	75.2	1586	1346	0.219665	1
1	2	10	77.4	1467		0.822661	
2	1	10	84.7			1.951598	
3	3	10	70.7	1176	1412	2.177636	
4	1	10	89.9			3.136788	
5	3	10	73.3	1915	1268	3.878332	
6	2	10	56.3	1858		4.559226	
7	2	10	95.2	1243		5.101593	
8	3	10	75.3	1818	1760	6.331736	
9	1	10	71.5			6.890753	
10	2	10	94.3	1383		7.067896	
11	3	10	58.5	1433	1036	8.416592	
12	1	10	83.1			8.471431	
13	2	10	87.5	1220		9.325812	
14	3	10	78.4	1465	1011	10.249628	
15	2	10	82.8	1690		10.953263	
16	1	10	57.7			11.319703	

## Statistics 17 (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	9	90.1			0.843515	1
1	1	9	58			1.634399	
2	3	9	58.7	1259	1994	2.522277	
3	1	9	60.3			2.881933	
4	1	9	79.4			4.484934	
5	2	9	88.1	1397		5.103503	
6	1	9	58.2			6.058767	
7	2	9	76.3	1612		6.507675	
8	2	9	56.3	1536		8.226246	
9	3	9	84.5	1780	1632	9.032227	
10	3	9	78.6	1743	1348	10.07699	
11	2	9	97.4	1961		10.586379	
12	2	9	97.2	1048		11.089401	

## Statistics 18 (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	6	96.8	1566		0.146528	1
1	3	6	60.2	1581	1633	1.110123	
2	1	6	90			3.12221	
3	2	6	76.9	1076		4.359235	
4	3	6	55.3	1282	1009	5.13301	
5	1	6	93.2			5.907124	
6	2	6	83.2	1070		7.188045	
7	3	6	73.6	1942	1678	8.048582	
8	2	6	78.9	1192		9.532605	
9	2	6	85.7	1924		10.240641	
10	2	6	56.8	1986		11.434755	

## Statistics 19 (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	11	52.9	1358		1.012317	1
1	2	11	77.9	1510		1.831716	
2	3	11	71.6	1569	1194	3.121008	
3	1	11	66.8			4.153634	
4	1	11	89.7			5.162077	
5	2	11	82.8	1254		5.561321	
6	3	11	77.5	1353	1278	6.924388	
7	3	11	71.3	1369	1612	8.69811	
8	1	11	91.3			9.053671	
9	1	11	87.3			10.608589	
10	1	11	75.2			11.081958	

## Statistics 20 (ChirpCenter Frequency: 5260.0 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	20	63.5			0.545004	1
1	3	20	59.1	1257	1976	1.094121	
2	3	20	80.3	1765	1324	2.141733	
3	1	20	69.7			2.73743	
4	2	20	58.3	1786		3.984345	
5	3	20	83.3	1684	1014	4.099789	
6	2	20	51	1221		4.823793	
7	2	20	87.7	1172		5.614161	
8	2	20	92.7	1723		6.464213	
9	2	20	92.6	1735		7.348257	
10	1	20	89.2			8.131688	
11	3	20	59.8	1314	1129	9.183478	
12	1	20	85.2			9.682196	
13	2	20	72.6	1520		10.641449	
14	2	20	84.4	1558		11.853731	



## Statistics 21 (ChirpCenter Frequency: 5321.0 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	72	1925		0.238578	1
1	2	19	81.6	1874		1.127443	
2	2	19	91.3	1250		2.442482	
3	2	19	60.3	1265		3.505962	
4	3	19	67.2	1075	1306	4.404113	
5	2	19	94.4	1468		5.028929	
6	1	19	89.1			6.418478	
7	2	19	89.4	1976		6.483937	
8	1	19	54.4			7.385601	
9	2	19	86.4	1362		8.554174	
10	2	19	75.2	1718		9.633768	
11	1	19	72			10.962722	
12	2	19	71.5	1557		11.948912	

## Statistics 22 (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	5	85.5	1852		0.031089	1
1	3	5	88	1770	1879	1.096816	
2	1	5	98.5			2.257697	
3	3	5	50.7	1301	1071	3.500062	
4	1	5	63.2			3.829523	
5	2	5	70.5	1453		4.639957	
6	1	5	84.8			5.64418	
7	1	5	52			7.249582	
8	3	5	80.4	1794	1342	8.135686	
9	2	5	50.7	1983		8.466266	
10	3	5	82.4	1501	1214	9.356915	
11	2	5	73.5	1915		10.733835	
12	2	5	53.1	1154		11.422794	

## Statistics 23 (ChirpCenter Frequency: 5322.0 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	70.8	1791		0.582535	1
1	2	15	56.1	1652		1.217222	
2	2	15	59.6	1090		2.057601	
3	3	15	97.2	1776	1902	2.607786	
4	2	15	51.1	1034		3.292686	
5	3	15	70.5	1035	1430	4.429308	
6	2	15	90.2	1278		4.546968	
7	2	15	87.8	1716		5.437448	
8	3	15	66.8	1886	1297	6.081418	
9	1	15	69.8			7.020209	
10	3	15	97.3	1676	1857	7.993177	
11	2	15	79.5	1437		8.362447	
12	3	15	53.9	1125	1085	9.572219	
13	3	15	74.9	1425	1170	9.88813	
14	3	15	94.3	1342	1655	10.562576	
15	1	15	74.6			11.343356	

## Statistics 24 (ChirpCenter Frequency: 5322.0 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	80.6	1352	1172	0.086344	1
1	2	15	64.4	1721		0.682397	
2	1	15	56			1.453581	
3	1	15	94.6			2.15825	
4	2	15	66.9	1167		2.565887	
5	2	15	57.4	1313		3.183567	
6	2	15	60.8	1386		3.794871	
7	1	15	97.8			4.888962	
8	1	15	76.8			5.598608	
9	2	15	92.6	1121		6.165815	
10	2	15	50.6	1173		6.686967	
11	2	15	62.6	1542		7.100222	
12	2	15	51.5	1010		8.021106	
13	2	15	64.7	1682		8.47283	
14	1	15	75.7			9.248857	
15	1	15	79.3			9.613316	
16	3	15	97.3	1550	1550	10.381214	
17	1	15	81.4			10.968585	
18	1	15	95.9			11.692107	

## Statistics 25 (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	6	76.3	1900		1.193241	1
1	1	6	71.3			1.73401	
2	3	6	78	1173	1345	3.701764	
3	2	6	80.4	1005		4.306748	
4	3	6	91.4	1000	1050	5.994705	
5	1	6	87.6			7.101503	
6	3	6	78.5	1484	1533	8.59793	
7	2	6	90.4	1199		10.600953	
8	2	6	72.8	1210		11.412528	

## Statistics 26 (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	6	65.8	1226		0.732778	1
1	2	6	96.2	1135		0.974399	
2	2	6	81.6	1755		2.021993	
3	2	6	62	1928		2.429919	
4	2	6	80.4	1164		3.579675	
5	2	6	91.2	1466		4.477765	
6	2	6	65.3	1160		5.196119	
7	2	6	66.5	1406		6.15938	
8	3	6	50.7	1459	1747	6.890757	
9	2	6	83.5	1122		7.463971	
10	3	6	93.9	1094	1732	8.768236	
11	1	6	70.8			8.928142	
12	2	6	77.3	1391		10.241816	
13	2	6	59.3	1025		11.100317	
14	2	6	80.9	1227		11.705212	

## Statistics 27 (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	11	57.7	1092		1.085405	1
1	3	11	87.3	1074	1374	2.365635	
2	2	11	99.9	1834		3.342914	
3	2	11	92.1	1737		4.546365	
4	2	11	57.6	1195		4.886694	
5	2	11	77	1032		7.148774	
6	2	11	60.2	1207		7.577076	
7	3	11	82.2	1862	1759	9.277641	
8	2	11	82.5	1806		10.380502	
9	2	11	74.6	1964		11.912278	

## Statistics 28 (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	10	74.6	1346		0.35637	1
1	2	10	73.1	1171		1.26765	
2	1	10	86.7			1.751969	
3	3	10	92.2	1892	1624	2.446284	
4	1	10	90.1			3.235262	
5	1	10	50.6			3.942199	
6	2	10	78	1226		4.793333	
7	2	10	68	1582		5.22156	
8	2	10	80.9	1471		5.697162	
9	1	10	79.8			6.575666	
10	3	10	94.3	1105	1544	7.52999	
11	3	10	96.8	1739	1538	7.905095	
12	2	10	87.4	1142		9.070864	
13	2	10	81	1458		9.325259	
14	1	10	53.4			10.437585	
15	1	10	80.9			10.892732	
16	2	10	94	1043		11.852247	

## Statistics 29 (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	1	13	96.6			1.102536	1
1	1	13	56.5			2.509682	
2	3	13	58.1	1719	1501	3.922143	
3	2	13	80.1	1065		5.329021	
4	3	13	66.7	1102	1359	6.135742	
5	1	13	57.8			7.330736	
6	2	13	80.4	1821		8.622744	
7	1	13	69.3			10.309613	
8	2	13	87.3	1413		11.904668	

## Statistics 30 (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	12	69	1226		0.245582	1
1	1	12	67.4			1.423547	
2	1	12	67			1.688675	
3	3	12	52.1	1723	1221	2.585606	
4	2	12	54.8	1731		3.568234	
5	1	12	65.5			4.532193	
6	3	12	51.8	1479	1605	4.807142	
7	1	12	94.3			6.143729	
8	3	12	57.7	1475	1425	6.693968	
9	2	12	54.7	1500		7.305148	
10	1	12	94.9			8.35342	
11	2	12	80.8	1337		9.382407	
12	2	12	62.3	1943		9.912376	
13	2	12	76	1072		10.442488	
14	2	12	59	1858		11.820794	

**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	5695.0, 5508.0, 5644.0, 5265.0, 5571.0, 5291.0, 5663.0, 5623.0, 5442.0, 5335.0, 5539.0, 5653.0, 5634.0, 5475.0, 5317.0, 5720.0, 5372.0, 5490.0, 5387.0, 5383.0, 5329.0, 5585.0, 5316.0, 5661.0, 5697.0, 5681.0, 5512.0, 5461.0, 5534.0, 5716.0, 5284.0, 5314.0, 5712.0, 5453.0, 5394.0, 5553.0, 5411.0, 5396.0, 5670.0, 5612.0, 5308.0, 5318.0, 5621.0, 5493.0, 5650.0, 5715.0, 5446.0, 5630.0, 5337.0, 5348.0, 5313.0, 5286.0, 5579.0, 5536.0, 5497.0, 5369.0, 5636.0, 5546.0, 5341.0, 5307.0, 5711.0, 5722.0, 5360.0, 5576.0, 5601.0, 5460.0, 5540.0, 5549.0, 5374.0, 5551.0, 5545.0, 5488.0, 5451.0, 5257.0, 5474.0, 5323.0, 5400.0, 5696.0, 5599.0, 5326.0, 5710.0, 5315.0, 5524.0, 5583.0, 5299.0, 5667.0, 5377.0, 5273.0, 5642.0, 5305.0, 5614.0, 5622.0, 5537.0, 5325.0, 5407.0, 5397.0, 5367.0, 5641.0, 5678.0, 5613.0
2	5290	9	1	333	1	5416.0, 5311.0, 5387.0, 5433.0, 5696.0, 5289.0, 5695.0, 5672.0, 5347.0, 5531.0, 5393.0, 5667.0, 5547.0, 5257.0, 5481.0, 5490.0, 5360.0, 5674.0, 5660.0, 5550.0, 5495.0, 5312.0, 5516.0, 5608.0, 5301.0, 5484.0, 5539.0, 5383.0, 5541.0, 5359.0, 5586.0, 5457.0, 5445.0, 5280.0, 5450.0, 5254.0, 5652.0, 5715.0, 5251.0, 5474.0, 5537.0, 5690.0, 5300.0, 5681.0, 5705.0, 5324.0, 5281.0, 5560.0, 5296.0, 5407.0, 5658.0, 5555.0, 5675.0, 5679.0, 5649.0, 5614.0, 5298.0, 5304.0, 5459.0, 5565.0, 5472.0, 5602.0, 5327.0, 5704.0, 5349.0, 5640.0, 5418.0, 5687.0, 5409.0, 5666.0, 5501.0, 5462.0, 5453.0, 5348.0, 5377.0, 5343.0, 5665.0, 5362.0, 5557.0, 5335.0, 5455.0, 5288.0, 5447.0, 5350.0, 5303.0, 5691.0, 5564.0, 5684.0, 5669.0, 5646.0, 5653.0, 5664.0, 5367.0, 5400.0, 5366.0, 5401.0, 5542.0, 5626.0, 5397.0, 5721.0
3	5290	9	1	333	1	5252.0, 5612.0, 5525.0, 5488.0, 5443.0, 5697.0, 5635.0, 5321.0, 5378.0, 5369.0, 5486.0, 5423.0, 5674.0, 5295.0, 5348.0, 5270.0, 5440.0, 5304.0, 5271.0, 5393.0, 5553.0, 5438.0, 5667.0, 5291.0, 5445.0, 5565.0, 5507.0, 5322.0, 5658.0, 5482.0, 5628.0, 5255.0, 5460.0, 5668.0, 5711.0, 5669.0, 5505.0, 5698.0, 5435.0, 5590.0, 5418.0, 5254.0, 5303.0, 5449.0, 5655.0, 5709.0, 5684.0, 5306.0, 5528.0, 5458.0, 5434.0, 5407.0, 5327.0, 5404.0, 5517.0, 5397.0, 5523.0, 5596.0, 5551.0, 5514.0, 5499.0, 5540.0, 5548.0, 5268.0, 5704.0

						5422.0, 5642.0, 5481.0, 5502.0, 5284.0, 5519.0, 5561.0, 5288.0, 5457.0, 5454.0, 5455.0, 5362.0, 5564.0, 5719.0, 5459.0, 5278.0, 5529.0, 5373.0, 5313.0, 5432.0, 5361.0, 5518.0, 5392.0, 5632.0, 5521.0, 5604.0, 5330.0, 5399.0, 5368.0, 5568.0, 5463.0, 5324.0, 5277.0, 5469.0, 5597.0
4	5290	9	1	333	1	5599.0, 5587.0, 5492.0, 5290.0, 5453.0, 5361.0, 5282.0, 5650.0, 5713.0, 5514.0, 5671.0, 5367.0, 5276.0, 5625.0, 5576.0, 5480.0, 5651.0, 5450.0, 5564.0, 5612.0, 5471.0, 5366.0, 5321.0, 5554.0, 5317.0, 5526.0, 5487.0, 5723.0, 5491.0, 5251.0, 5392.0, 5432.0, 5604.0, 5667.0, 5691.0, 5281.0, 5602.0, 5353.0, 5362.0, 5365.0, 5253.0, 5596.0, 5572.0, 5463.0, 5261.0, 5685.0, 5425.0, 5477.0, 5320.0, 5597.0, 5370.0, 5254.0, 5479.0, 5711.0, 5653.0, 5606.0, 5298.0, 5512.0, 5598.0, 5561.0, 5296.0, 5503.0, 5424.0, 5517.0, 5580.0, 5647.0, 5570.0, 5330.0, 5439.0, 5634.0, 5567.0, 5511.0, 5658.0, 5302.0, 5621.0, 5544.0, 5369.0, 5534.0, 5608.0, 5541.0, 5618.0, 5686.0, 5601.0, 5451.0, 5356.0, 5355.0, 5446.0, 5515.0, 5465.0, 5633.0, 5722.0, 5266.0, 5309.0, 5418.0, 5586.0, 5584.0, 5258.0, 5476.0, 5464.0, 5600.0
5	5290	9	1	333	1	5609.0, 5260.0, 5361.0, 5374.0, 5379.0, 5425.0, 5499.0, 5302.0, 5514.0, 5403.0, 5707.0, 5522.0, 5295.0, 5325.0, 5378.0, 5713.0, 5701.0, 5565.0, 5653.0, 5635.0, 5589.0, 5555.0, 5588.0, 5660.0, 5561.0, 5324.0, 5516.0, 5364.0, 5636.0, 5282.0, 5372.0, 5472.0, 5460.0, 5695.0, 5310.0, 5307.0, 5523.0, 5604.0, 5536.0, 5507.0, 5342.0, 5299.0, 5597.0, 5409.0, 5263.0, 5657.0, 5401.0, 5691.0, 5574.0, 5291.0, 5664.0, 5619.0, 5573.0, 5711.0, 5345.0, 5367.0, 5654.0, 5649.0, 5436.0, 5712.0, 5608.0, 5335.0, 5599.0, 5435.0, 5651.0, 5621.0, 5369.0, 5554.0, 5709.0, 5684.0, 5717.0, 5279.0, 5464.0, 5262.0, 5550.0, 5437.0, 5266.0, 5605.0, 5355.0, 5530.0, 5418.0, 5344.0, 5457.0, 5488.0, 5376.0, 5506.0, 5358.0, 5702.0, 5541.0, 5273.0, 5645.0, 5666.0, 5385.0, 5450.0, 5336.0, 5579.0, 5576.0, 5475.0, 5627.0, 5633.0
6	5290	9	1	333	1	5533.0, 5300.0, 5262.0, 5563.0, 5418.0, 5687.0, 5508.0, 5331.0, 5651.0, 5583.0, 5562.0, 5449.0, 5352.0, 5670.0, 5258.0, 5496.0, 5495.0, 5464.0, 5498.0, 5532.0, 5493.0, 5382.0, 5657.0, 5481.0, 5555.0, 5600.0, 5568.0, 5682.0, 5337.0, 5379.0, 5641.0, 5306.0, 5398.0, 5450.0, 5362.0, 5665.0, 5683.0, 5599.0, 5395.0, 5273.0, 5652.0, 5494.0, 5627.0, 5310.0, 5597.0, 5437.0, 5640.0, 5619.0, 5699.0, 5688.0, 5654.0, 5287.0, 5407.0, 5461.0, 5455.0, 5412.0, 5359.0, 5702.0, 5678.0, 5545.0, 5351.0, 5691.0, 5447.0, 5439.0, 5483.0

						5633.0, 5560.0, 5272.0, 5646.0, 5718.0, 5520.0, 5456.0, 5529.0, 5435.0, 5639.0, 5372.0, 5630.0, 5442.0, 5514.0, 5333.0, 5591.0, 5307.0, 5490.0, 5488.0, 5692.0, 5465.0, 5509.0, 5521.0, 5480.0, 5648.0, 5256.0, 5589.0, 5279.0, 5370.0, 5547.0, 5373.0, 5587.0, 5661.0, 5389.0, 5710.0
7	5290	9	1	333	1	5636.0, 5456.0, 5692.0, 5349.0, 5373.0, 5694.0, 5438.0, 5697.0, 5515.0, 5669.0, 5714.0, 5722.0, 5471.0, 5620.0, 5666.0, 5715.0, 5663.0, 5539.0, 5459.0, 5627.0, 5321.0, 5377.0, 5477.0, 5425.0, 5272.0, 5644.0, 5324.0, 5376.0, 5502.0, 5710.0, 5494.0, 5691.0, 5311.0, 5465.0, 5397.0, 5708.0, 5347.0, 5592.0, 5652.0, 5358.0, 5387.0, 5585.0, 5497.0, 5328.0, 5278.0, 5365.0, 5370.0, 5344.0, 5445.0, 5564.0, 5287.0, 5341.0, 5469.0, 5711.0, 5514.0, 5511.0, 5378.0, 5296.0, 5261.0, 5441.0, 5642.0, 5253.0, 5536.0, 5305.0, 5605.0, 5587.0, 5614.0, 5460.0, 5495.0, 5521.0, 5654.0, 5449.0, 5486.0, 5269.0, 5394.0, 5700.0, 5657.0, 5310.0, 5251.0, 5580.0, 5701.0, 5286.0, 5457.0, 5318.0, 5259.0, 5348.0, 5606.0, 5622.0, 5555.0, 5501.0, 5307.0, 5360.0, 5670.0, 5699.0, 5650.0, 5281.0, 5513.0, 5503.0, 5562.0, 5440.0
8	5290	9	1	333	1	5671.0, 5409.0, 5402.0, 5466.0, 5621.0, 5404.0, 5658.0, 5552.0, 5373.0, 5320.0, 5270.0, 5356.0, 5722.0, 5496.0, 5489.0, 5483.0, 5666.0, 5275.0, 5392.0, 5661.0, 5403.0, 5475.0, 5463.0, 5678.0, 5271.0, 5623.0, 5659.0, 5485.0, 5698.0, 5344.0, 5716.0, 5646.0, 5313.0, 5379.0, 5610.0, 5565.0, 5441.0, 5460.0, 5537.0, 5280.0, 5267.0, 5359.0, 5277.0, 5414.0, 5287.0, 5415.0, 5428.0, 5541.0, 5268.0, 5255.0, 5566.0, 5637.0, 5382.0, 5269.0, 5297.0, 5701.0, 5289.0, 5713.0, 5657.0, 5587.0, 5605.0, 5715.0, 5563.0, 5640.0, 5651.0, 5546.0, 5673.0, 5641.0, 5629.0, 5677.0, 5454.0, 5500.0, 5492.0, 5664.0, 5303.0, 5676.0, 5453.0, 5594.0, 5631.0, 5614.0, 5648.0, 5474.0, 5555.0, 5687.0, 5301.0, 5613.0, 5714.0, 5568.0, 5364.0, 5473.0, 5498.0, 5284.0, 5598.0, 5427.0, 5262.0, 5580.0, 5695.0, 5274.0, 5590.0, 5293.0
9	5290	9	1	333	1	5645.0, 5459.0, 5334.0, 5256.0, 5399.0, 5545.0, 5569.0, 5531.0, 5625.0, 5391.0, 5461.0, 5641.0, 5338.0, 5667.0, 5570.0, 5330.0, 5390.0, 5666.0, 5609.0, 5462.0, 5544.0, 5307.0, 5669.0, 5389.0, 5401.0, 5378.0, 5723.0, 5323.0, 5420.0, 5712.0, 5344.0, 5587.0, 5537.0, 5578.0, 5608.0, 5519.0, 5279.0, 5266.0, 5361.0, 5388.0, 5331.0, 5343.0, 5658.0, 5384.0, 5514.0, 5305.0, 5675.0, 5611.0, 5677.0, 5490.0, 5651.0, 5680.0, 5367.0, 5289.0, 5648.0, 5600.0, 5294.0, 5527.0, 5558.0, 5621.0, 5297.0, 5465.0, 5469.0, 5306.0, 5258.0



						5463.0, 5711.0, 5576.0, 5485.0, 5439.0, 5364.0, 5327.0, 5643.0, 5314.0, 5345.0, 5423.0, 5549.0, 5506.0, 5497.0, 5281.0, 5410.0, 5299.0, 5275.0, 5332.0, 5691.0, 5574.0, 5511.0, 5263.0, 5414.0, 5460.0, 5257.0, 5589.0, 5652.0, 5443.0, 5713.0, 5699.0, 5274.0, 5633.0, 5542.0, 5386.0
10	5290	9	1	333	1	5467.0, 5493.0, 5280.0, 5307.0, 5282.0, 5427.0, 5536.0, 5719.0, 5597.0, 5407.0, 5613.0, 5685.0, 5267.0, 5518.0, 5362.0, 5403.0, 5456.0, 5474.0, 5444.0, 5579.0, 5610.0, 5583.0, 5318.0, 5634.0, 5547.0, 5423.0, 5301.0, 5367.0, 5334.0, 5649.0, 5357.0, 5682.0, 5445.0, 5643.0, 5592.0, 5310.0, 5313.0, 5348.0, 5672.0, 5351.0, 5564.0, 5399.0, 5641.0, 5465.0, 5716.0, 5262.0, 5372.0, 5637.0, 5386.0, 5563.0, 5681.0, 5283.0, 5255.0, 5702.0, 5571.0, 5508.0, 5389.0, 5390.0, 5606.0, 5435.0, 5270.0, 5531.0, 5569.0, 5593.0, 5395.0, 5285.0, 5609.0, 5299.0, 5273.0, 5289.0, 5380.0, 5545.0, 5623.0, 5259.0, 5616.0, 5709.0, 5488.0, 5700.0, 5355.0, 5689.0, 5573.0, 5668.0, 5414.0, 5513.0, 5482.0, 5635.0, 5411.0, 5449.0, 5396.0, 5442.0, 5412.0, 5675.0, 5660.0, 5710.0, 5274.0, 5654.0, 5640.0, 5426.0, 5311.0, 5548.0
11	5290	9	1	333	1	5692.0, 5511.0, 5301.0, 5712.0, 5718.0, 5672.0, 5341.0, 5361.0, 5393.0, 5602.0, 5254.0, 5282.0, 5293.0, 5299.0, 5713.0, 5705.0, 5601.0, 5342.0, 5704.0, 5287.0, 5404.0, 5543.0, 5617.0, 5493.0, 5557.0, 5481.0, 5313.0, 5369.0, 5381.0, 5429.0, 5496.0, 5638.0, 5516.0, 5698.0, 5283.0, 5387.0, 5700.0, 5703.0, 5682.0, 5588.0, 5454.0, 5356.0, 5529.0, 5335.0, 5679.0, 5642.0, 5548.0, 5524.0, 5566.0, 5647.0, 5259.0, 5531.0, 5634.0, 5370.0, 5368.0, 5479.0, 5513.0, 5539.0, 5290.0, 5584.0, 5304.0, 5351.0, 5681.0, 5321.0, 5652.0, 5525.0, 5326.0, 5261.0, 5468.0, 5294.0, 5599.0, 5526.0, 5346.0, 5305.0, 5503.0, 5281.0, 5325.0, 5695.0, 5621.0, 5565.0, 5398.0, 5401.0, 5564.0, 5478.0, 5455.0, 5322.0, 5419.0, 5464.0, 5437.0, 5371.0, 5607.0, 5674.0, 5407.0, 5575.0, 5708.0, 5405.0, 5622.0, 5333.0, 5463.0, 5334.0
12	5290	9	1	333	1	5724.0, 5480.0, 5709.0, 5334.0, 5639.0, 5264.0, 5617.0, 5714.0, 5713.0, 5693.0, 5589.0, 5308.0, 5586.0, 5315.0, 5495.0, 5490.0, 5677.0, 5443.0, 5592.0, 5277.0, 5644.0, 5457.0, 5261.0, 5684.0, 5296.0, 5571.0, 5631.0, 5359.0, 5337.0, 5700.0, 5424.0, 5497.0, 5328.0, 5598.0, 5363.0, 5537.0, 5405.0, 5576.0, 5378.0, 5616.0, 5387.0, 5291.0, 5646.0, 5367.0, 5456.0, 5705.0, 5384.0, 5667.0, 5260.0, 5399.0, 5357.0, 5534.0, 5279.0, 5518.0, 5439.0, 5596.0, 5466.0, 5332.0, 5597.0, 5317.0, 5511.0, 5688.0, 5370.0, 5373.0, 5263.0

						5564.0, 5432.0, 5548.0, 5499.0, 5349.0, 5462.0, 5430.0, 5458.0, 5502.0, 5690.0, 5270.0, 5614.0, 5610.0, 5417.0, 5409.0, 5445.0, 5343.0, 5673.0, 5558.0, 5620.0, 5563.0, 5686.0, 5390.0, 5353.0, 5288.0, 5578.0, 5454.0, 5321.0, 5663.0, 5595.0, 5472.0, 5253.0, 5659.0, 5278.0, 5435.0
13	5290	9	1	333	1	5429.0, 5399.0, 5401.0, 5455.0, 5580.0, 5611.0, 5672.0, 5716.0, 5352.0, 5518.0, 5295.0, 5668.0, 5620.0, 5418.0, 5619.0, 5473.0, 5547.0, 5276.0, 5642.0, 5420.0, 5673.0, 5336.0, 5641.0, 5646.0, 5326.0, 5285.0, 5355.0, 5690.0, 5502.0, 5366.0, 5509.0, 5328.0, 5253.0, 5710.0, 5639.0, 5339.0, 5670.0, 5342.0, 5609.0, 5631.0, 5459.0, 5477.0, 5498.0, 5539.0, 5708.0, 5389.0, 5465.0, 5376.0, 5568.0, 5315.0, 5305.0, 5347.0, 5510.0, 5560.0, 5552.0, 5501.0, 5659.0, 5596.0, 5257.0, 5697.0, 5380.0, 5656.0, 5694.0, 5321.0, 5528.0, 5712.0, 5593.0, 5569.0, 5701.0, 5680.0, 5413.0, 5635.0, 5654.0, 5507.0, 5300.0, 5644.0, 5627.0, 5610.0, 5587.0, 5715.0, 5485.0, 5422.0, 5472.0, 5603.0, 5335.0, 5284.0, 5354.0, 5434.0, 5589.0, 5517.0, 5391.0, 5272.0, 5395.0, 5425.0, 5275.0, 5460.0, 5428.0, 5516.0, 5474.0, 5327.0
14	5290	9	1	333	1	5688.0, 5446.0, 5342.0, 5604.0, 5471.0, 5694.0, 5660.0, 5659.0, 5347.0, 5723.0, 5551.0, 5540.0, 5649.0, 5296.0, 5456.0, 5580.0, 5487.0, 5366.0, 5478.0, 5382.0, 5613.0, 5350.0, 5396.0, 5318.0, 5717.0, 5617.0, 5609.0, 5257.0, 5467.0, 5310.0, 5387.0, 5448.0, 5637.0, 5590.0, 5722.0, 5629.0, 5447.0, 5496.0, 5432.0, 5300.0, 5605.0, 5479.0, 5589.0, 5616.0, 5603.0, 5423.0, 5585.0, 5695.0, 5518.0, 5567.0, 5284.0, 5315.0, 5279.0, 5500.0, 5699.0, 5647.0, 5714.0, 5444.0, 5295.0, 5281.0, 5426.0, 5355.0, 5430.0, 5532.0, 5449.0, 5277.0, 5445.0, 5656.0, 5414.0, 5314.0, 5565.0, 5402.0, 5251.0, 5374.0, 5675.0, 5548.0, 5335.0, 5690.0, 5526.0, 5404.0, 5312.0, 5328.0, 5719.0, 5476.0, 5482.0, 5577.0, 5632.0, 5673.0, 5612.0, 5357.0, 5591.0, 5386.0, 5459.0, 5368.0, 5276.0, 5571.0, 5411.0, 5450.0, 5291.0, 5502.0
15	5290	9	1	333	1	5333.0, 5677.0, 5480.0, 5577.0, 5524.0, 5419.0, 5647.0, 5417.0, 5539.0, 5352.0, 5583.0, 5683.0, 5357.0, 5600.0, 5663.0, 5669.0, 5407.0, 5667.0, 5446.0, 5580.0, 5299.0, 5313.0, 5594.0, 5389.0, 5572.0, 5619.0, 5454.0, 5666.0, 5408.0, 5268.0, 5525.0, 5578.0, 5316.0, 5495.0, 5626.0, 5328.0, 5426.0, 5599.0, 5411.0, 5532.0, 5449.0, 5694.0, 5564.0, 5349.0, 5521.0, 5281.0, 5336.0, 5324.0, 5591.0, 5499.0, 5713.0, 5582.0, 5485.0, 5466.0, 5314.0, 5655.0, 5285.0, 5715.0, 5306.0, 5338.0, 5610.0, 5622.0, 5581.0, 5554.0, 5356.0

						5645.0, 5719.0, 5592.0, 5255.0, 5650.0, 5377.0, 5692.0, 5567.0, 5571.0, 5518.0, 5479.0, 5341.0, 5549.0, 5366.0, 5425.0, 5716.0, 5320.0, 5279.0, 5373.0, 5380.0, 5579.0, 5332.0, 5440.0, 5371.0, 5568.0, 5368.0, 5654.0, 5609.0, 5670.0, 5266.0, 5699.0, 5548.0, 5360.0, 5254.0, 5385.0
16	5290	9	1	333	1	5630.0, 5669.0, 5536.0, 5407.0, 5440.0, 5461.0, 5709.0, 5631.0, 5296.0, 5450.0, 5427.0, 5456.0, 5326.0, 5309.0, 5567.0, 5329.0, 5310.0, 5633.0, 5361.0, 5607.0, 5266.0, 5279.0, 5437.0, 5439.0, 5505.0, 5604.0, 5346.0, 5336.0, 5392.0, 5497.0, 5621.0, 5360.0, 5306.0, 5334.0, 5511.0, 5534.0, 5327.0, 5605.0, 5438.0, 5574.0, 5410.0, 5270.0, 5318.0, 5645.0, 5555.0, 5537.0, 5674.0, 5286.0, 5666.0, 5345.0, 5685.0, 5283.0, 5529.0, 5369.0, 5641.0, 5634.0, 5324.0, 5434.0, 5383.0, 5556.0, 5465.0, 5650.0, 5568.0, 5510.0, 5471.0, 5262.0, 5635.0, 5386.0, 5320.0, 5504.0, 5698.0, 5475.0, 5307.0, 5682.0, 5624.0, 5644.0, 5571.0, 5443.0, 5351.0, 5481.0, 5706.0, 5723.0, 5322.0, 5495.0, 5625.0, 5519.0, 5673.0, 5476.0, 5372.0, 5292.0, 5649.0, 5615.0, 5585.0, 5255.0, 5420.0, 5557.0, 5670.0, 5542.0, 5305.0, 5622.0
17	5290	9	1	333	1	5370.0, 5402.0, 5375.0, 5356.0, 5514.0, 5521.0, 5369.0, 5383.0, 5516.0, 5539.0, 5610.0, 5604.0, 5581.0, 5464.0, 5714.0, 5709.0, 5359.0, 5303.0, 5500.0, 5655.0, 5668.0, 5289.0, 5435.0, 5294.0, 5335.0, 5251.0, 5711.0, 5396.0, 5478.0, 5630.0, 5673.0, 5710.0, 5637.0, 5353.0, 5640.0, 5480.0, 5707.0, 5642.0, 5511.0, 5540.0, 5615.0, 5392.0, 5487.0, 5468.0, 5536.0, 5306.0, 5305.0, 5689.0, 5698.0, 5633.0, 5325.0, 5585.0, 5697.0, 5482.0, 5491.0, 5560.0, 5256.0, 5399.0, 5268.0, 5623.0, 5572.0, 5614.0, 5283.0, 5499.0, 5484.0, 5273.0, 5620.0, 5320.0, 5522.0, 5544.0, 5613.0, 5603.0, 5646.0, 5301.0, 5508.0, 5678.0, 5349.0, 5354.0, 5647.0, 5477.0, 5420.0, 5584.0, 5588.0, 5723.0, 5411.0, 5291.0, 5463.0, 5555.0, 5474.0, 5595.0, 5476.0, 5505.0, 5287.0, 5286.0, 5458.0, 5699.0, 5652.0, 5344.0, 5407.0, 5387.0
18	5290	9	1	333	1	5254.0, 5387.0, 5603.0, 5687.0, 5539.0, 5462.0, 5543.0, 5710.0, 5344.0, 5553.0, 5453.0, 5570.0, 5255.0, 5469.0, 5302.0, 5669.0, 5528.0, 5431.0, 5717.0, 5649.0, 5388.0, 5347.0, 5494.0, 5423.0, 5699.0, 5642.0, 5664.0, 5448.0, 5420.0, 5502.0, 5309.0, 5704.0, 5476.0, 5293.0, 5579.0, 5631.0, 5604.0, 5399.0, 5265.0, 5370.0, 5396.0, 5324.0, 5722.0, 5413.0, 5510.0, 5551.0, 5479.0, 5618.0, 5635.0, 5588.0, 5425.0, 5364.0, 5576.0, 5616.0, 5640.0, 5383.0, 5433.0, 5384.0, 5663.0, 5367.0, 5536.0, 5484.0, 5619.0, 5454.0, 5647.0,

						5346.0, 5652.0, 5680.0, 5252.0, 5407.0, 5719.0, 5571.0, 5466.0, 5513.0, 5456.0, 5707.0, 5381.0, 5534.0, 5670.0, 5592.0, 5349.0, 5274.0, 5259.0, 5692.0, 5333.0, 5374.0, 5519.0, 5471.0, 5724.0, 5690.0, 5411.0, 5506.0, 5392.0, 5404.0, 5518.0, 5689.0, 5651.0, 5250.0, 5312.0, 5430.0
19	5290	9	1	333	1	5415.0, 5559.0, 5534.0, 5435.0, 5380.0, 5456.0, 5660.0, 5702.0, 5266.0, 5636.0, 5548.0, 5576.0, 5583.0, 5652.0, 5419.0, 5490.0, 5688.0, 5485.0, 5717.0, 5693.0, 5491.0, 5272.0, 5347.0, 5338.0, 5658.0, 5312.0, 5670.0, 5600.0, 5335.0, 5571.0, 5445.0, 5374.0, 5290.0, 5309.0, 5669.0, 5628.0, 5286.0, 5259.0, 5274.0, 5398.0, 5308.0, 5361.0, 5311.0, 5573.0, 5627.0, 5494.0, 5516.0, 5614.0, 5539.0, 5581.0, 5402.0, 5522.0, 5330.0, 5671.0, 5384.0, 5431.0, 5269.0, 5473.0, 5492.0, 5275.0, 5285.0, 5488.0, 5643.0, 5719.0, 5674.0, 5635.0, 5277.0, 5423.0, 5352.0, 5447.0, 5608.0, 5577.0, 5386.0, 5292.0, 5493.0, 5500.0, 5295.0, 5640.0, 5420.0, 5271.0, 5278.0, 5371.0, 5284.0, 5478.0, 5512.0, 5642.0, 5464.0, 5358.0, 5298.0, 5611.0, 5575.0, 5315.0, 5700.0, 5327.0, 5316.0, 5354.0, 5679.0, 5590.0, 5701.0, 5681.0
20	5290	9	1	333	1	5468.0, 5312.0, 5473.0, 5477.0, 5631.0, 5545.0, 5577.0, 5255.0, 5515.0, 5617.0, 5375.0, 5540.0, 5381.0, 5587.0, 5624.0, 5660.0, 5379.0, 5654.0, 5581.0, 5678.0, 5643.0, 5481.0, 5652.0, 5382.0, 5424.0, 5519.0, 5648.0, 5385.0, 5568.0, 5300.0, 5456.0, 5566.0, 5333.0, 5658.0, 5474.0, 5522.0, 5675.0, 5402.0, 5471.0, 5718.0, 5259.0, 5531.0, 5374.0, 5461.0, 5305.0, 5659.0, 5326.0, 5492.0, 5391.0, 5618.0, 5637.0, 5373.0, 5667.0, 5472.0, 5621.0, 5405.0, 5516.0, 5613.0, 5512.0, 5465.0, 5437.0, 5366.0, 5646.0, 5598.0, 5327.0, 5370.0, 5521.0, 5445.0, 5642.0, 5655.0, 5454.0, 5595.0, 5264.0, 5266.0, 5599.0, 5502.0, 5369.0, 5687.0, 5301.0, 5390.0, 5257.0, 5388.0, 5681.0, 5616.0, 5398.0, 5268.0, 5530.0, 5629.0, 5360.0, 5350.0, 5253.0, 5484.0, 5427.0, 5488.0, 5307.0, 5288.0, 5506.0, 5720.0, 5657.0, 5653.0
21	5290	9	1	333	1	5714.0, 5462.0, 5301.0, 5649.0, 5368.0, 5565.0, 5422.0, 5531.0, 5282.0, 5613.0, 5251.0, 5320.0, 5316.0, 5255.0, 5332.0, 5663.0, 5337.0, 5687.0, 5365.0, 5657.0, 5584.0, 5641.0, 5504.0, 5392.0, 5412.0, 5530.0, 5574.0, 5492.0, 5598.0, 5371.0, 5324.0, 5589.0, 5665.0, 5340.0, 5506.0, 5352.0, 5361.0, 5303.0, 5523.0, 5452.0, 5696.0, 5670.0, 5528.0, 5295.0, 5686.0, 5597.0, 5600.0, 5583.0, 5357.0, 5463.0, 5632.0, 5344.0, 5411.0, 5638.0, 5259.0, 5677.0, 5553.0, 5680.0, 5414.0, 5534.0, 5697.0, 5542.0, 5497.0, 5476.0, 5346.0,

						5643.0, 5417.0, 5449.0, 5501.0, 5621.0, 5540.0, 5507.0, 5446.0, 5705.0, 5438.0, 5383.0, 5467.0, 5654.0, 5664.0, 5448.0, 5413.0, 5405.0, 5662.0, 5253.0, 5461.0, 5297.0, 5377.0, 5567.0, 5319.0, 5642.0, 5645.0, 5500.0, 5511.0, 5442.0, 5684.0, 5433.0, 5348.0, 5581.0, 5318.0, 5578.0
22	5290	9	1	333	1	5541.0, 5540.0, 5276.0, 5311.0, 5533.0, 5425.0, 5427.0, 5418.0, 5314.0, 5343.0, 5299.0, 5613.0, 5502.0, 5493.0, 5573.0, 5254.0, 5694.0, 5486.0, 5426.0, 5534.0, 5437.0, 5569.0, 5603.0, 5564.0, 5530.0, 5269.0, 5556.0, 5711.0, 5688.0, 5519.0, 5683.0, 5384.0, 5334.0, 5551.0, 5599.0, 5591.0, 5616.0, 5297.0, 5302.0, 5472.0, 5598.0, 5724.0, 5635.0, 5515.0, 5304.0, 5532.0, 5399.0, 5267.0, 5441.0, 5555.0, 5638.0, 5409.0, 5357.0, 5421.0, 5440.0, 5317.0, 5312.0, 5629.0, 5587.0, 5315.0, 5696.0, 5405.0, 5341.0, 5295.0, 5290.0, 5600.0, 5500.0, 5300.0, 5476.0, 5644.0, 5422.0, 5462.0, 5543.0, 5716.0, 5465.0, 5684.0, 5510.0, 5388.0, 5266.0, 5672.0, 5319.0, 5402.0, 5401.0, 5305.0, 5298.0, 5275.0, 5640.0, 5687.0, 5597.0, 5501.0, 5372.0, 5642.0, 5703.0, 5698.0, 5365.0, 5628.0, 5504.0, 5537.0, 5505.0, 5270.0
23	5290	9	1	333	1	5591.0, 5542.0, 5663.0, 5633.0, 5343.0, 5442.0, 5320.0, 5558.0, 5619.0, 5680.0, 5524.0, 5601.0, 5381.0, 5482.0, 5293.0, 5705.0, 5710.0, 5272.0, 5662.0, 5287.0, 5422.0, 5323.0, 5463.0, 5265.0, 5543.0, 5650.0, 5388.0, 5312.0, 5617.0, 5296.0, 5687.0, 5396.0, 5384.0, 5460.0, 5665.0, 5469.0, 5637.0, 5683.0, 5508.0, 5331.0, 5569.0, 5626.0, 5509.0, 5277.0, 5522.0, 5429.0, 5379.0, 5473.0, 5264.0, 5373.0, 5585.0, 5498.0, 5438.0, 5630.0, 5435.0, 5360.0, 5681.0, 5477.0, 5505.0, 5552.0, 5286.0, 5278.0, 5516.0, 5546.0, 5467.0, 5410.0, 5590.0, 5282.0, 5305.0, 5538.0, 5531.0, 5475.0, 5292.0, 5488.0, 5720.0, 5593.0, 5667.0, 5465.0, 5631.0, 5518.0, 5401.0, 5707.0, 5327.0, 5638.0, 5716.0, 5487.0, 5399.0, 5706.0, 5319.0, 5673.0, 5584.0, 5496.0, 5458.0, 5490.0, 5696.0, 5600.0, 5288.0, 5294.0, 5375.0, 5318.0
24	5290	9	1	333	1	5649.0, 5427.0, 5376.0, 5525.0, 5512.0, 5626.0, 5293.0, 5437.0, 5661.0, 5371.0, 5653.0, 5349.0, 5364.0, 5717.0, 5406.0, 5691.0, 5252.0, 5597.0, 5616.0, 5276.0, 5429.0, 5398.0, 5397.0, 5551.0, 5402.0, 5426.0, 5552.0, 5665.0, 5288.0, 5635.0, 5257.0, 5688.0, 5346.0, 5527.0, 5518.0, 5634.0, 5446.0, 5428.0, 5701.0, 5719.0, 5569.0, 5607.0, 5706.0, 5503.0, 5303.0, 5326.0, 5528.0, 5347.0, 5506.0, 5399.0, 5370.0, 5674.0, 5539.0, 5667.0, 5683.0, 5495.0, 5375.0, 5373.0, 5574.0, 5676.0, 5462.0, 5625.0, 5640.0, 5575.0, 5405.0,

						5463.0, 5652.0, 5697.0, 5573.0, 5535.0, 5477.0, 5421.0, 5310.0, 5284.0, 5490.0, 5699.0, 5251.0, 5340.0, 5624.0, 5414.0, 5283.0, 5704.0, 5449.0, 5263.0, 5342.0, 5656.0, 5493.0, 5679.0, 5564.0, 5485.0, 5639.0, 5633.0, 5696.0, 5716.0, 5290.0, 5561.0, 5558.0, 5425.0, 5267.0, 5424.0
25	5290	9	1	333	1	5650.0, 5338.0, 5703.0, 5646.0, 5439.0, 5278.0, 5660.0, 5527.0, 5637.0, 5589.0, 5294.0, 5403.0, 5386.0, 5629.0, 5548.0, 5418.0, 5480.0, 5504.0, 5549.0, 5624.0, 5657.0, 5391.0, 5274.0, 5359.0, 5686.0, 5317.0, 5681.0, 5270.0, 5485.0, 5440.0, 5587.0, 5325.0, 5535.0, 5514.0, 5470.0, 5447.0, 5509.0, 5558.0, 5253.0, 5712.0, 5687.0, 5410.0, 5311.0, 5627.0, 5683.0, 5264.0, 5534.0, 5261.0, 5295.0, 5407.0, 5592.0, 5565.0, 5254.0, 5351.0, 5366.0, 5255.0, 5453.0, 5623.0, 5499.0, 5273.0, 5537.0, 5719.0, 5619.0, 5477.0, 5272.0, 5428.0, 5367.0, 5544.0, 5445.0, 5690.0, 5314.0, 5287.0, 5503.0, 5315.0, 5666.0, 5409.0, 5704.0, 5487.0, 5577.0, 5271.0, 5411.0, 5498.0, 5673.0, 5570.0, 5724.0, 5622.0, 5368.0, 5529.0, 5457.0, 5282.0, 5670.0, 5693.0, 5519.0, 5332.0, 5326.0, 5323.0, 5337.0, 5511.0, 5628.0, 5277.0
26	5290	9	1	333	1	5613.0, 5594.0, 5544.0, 5534.0, 5698.0, 5394.0, 5365.0, 5479.0, 5570.0, 5278.0, 5270.0, 5602.0, 5490.0, 5665.0, 5281.0, 5589.0, 5637.0, 5691.0, 5330.0, 5627.0, 5651.0, 5583.0, 5472.0, 5426.0, 5309.0, 5336.0, 5433.0, 5461.0, 5679.0, 5450.0, 5710.0, 5425.0, 5519.0, 5555.0, 5266.0, 5347.0, 5297.0, 5609.0, 5723.0, 5660.0, 5712.0, 5317.0, 5377.0, 5542.0, 5601.0, 5623.0, 5305.0, 5304.0, 5675.0, 5505.0, 5379.0, 5409.0, 5717.0, 5488.0, 5464.0, 5482.0, 5549.0, 5497.0, 5554.0, 5569.0, 5591.0, 5579.0, 5338.0, 5565.0, 5431.0, 5319.0, 5354.0, 5277.0, 5389.0, 5721.0, 5451.0, 5483.0, 5350.0, 5694.0, 5697.0, 5606.0, 5597.0, 5286.0, 5445.0, 5334.0, 5496.0, 5263.0, 5649.0, 5592.0, 5391.0, 5536.0, 5467.0, 5291.0, 5285.0, 5667.0, 5668.0, 5289.0, 5672.0, 5634.0, 5448.0, 5608.0, 5615.0, 5457.0, 5284.0, 5322.0
27	5290	9	1	333	1	5459.0, 5416.0, 5499.0, 5512.0, 5251.0, 5461.0, 5623.0, 5417.0, 5259.0, 5630.0, 5578.0, 5591.0, 5253.0, 5252.0, 5668.0, 5569.0, 5689.0, 5455.0, 5674.0, 5681.0, 5275.0, 5622.0, 5518.0, 5466.0, 5372.0, 5394.0, 5699.0, 5590.0, 5338.0, 5599.0, 5718.0, 5682.0, 5340.0, 5540.0, 5550.0, 5436.0, 5618.0, 5696.0, 5688.0, 5548.0, 5314.0, 5265.0, 5558.0, 5541.0, 5530.0, 5357.0, 5453.0, 5638.0, 5308.0, 5661.0, 5683.0, 5692.0, 5521.0, 5490.0, 5636.0, 5272.0, 5470.0, 5671.0, 5382.0, 5263.0, 5695.0, 5714.0, 5374.0, 5334.0, 5447.0,

						5378.0, 5389.0, 5704.0, 5324.0, 5348.0, 5254.0, 5697.0, 5713.0, 5396.0, 5620.0, 5572.0, 5724.0, 5255.0, 5602.0, 5626.0, 5347.0, 5659.0, 5362.0, 5448.0, 5266.0, 5691.0, 5376.0, 5643.0, 5311.0, 5719.0, 5660.0, 5302.0, 5722.0, 5635.0, 5547.0, 5515.0, 5271.0, 5533.0, 5283.0, 5305.0
28	5290	9	1	333	1	5333.0, 5533.0, 5404.0, 5276.0, 5293.0, 5536.0, 5361.0, 5715.0, 5455.0, 5567.0, 5399.0, 5660.0, 5701.0, 5707.0, 5278.0, 5270.0, 5641.0, 5541.0, 5557.0, 5369.0, 5298.0, 5281.0, 5395.0, 5315.0, 5642.0, 5480.0, 5582.0, 5310.0, 5381.0, 5377.0, 5358.0, 5338.0, 5600.0, 5433.0, 5350.0, 5435.0, 5264.0, 5371.0, 5446.0, 5612.0, 5523.0, 5682.0, 5704.0, 5521.0, 5645.0, 5472.0, 5561.0, 5491.0, 5335.0, 5649.0, 5431.0, 5513.0, 5458.0, 5454.0, 5462.0, 5506.0, 5285.0, 5671.0, 5467.0, 5349.0, 5383.0, 5695.0, 5316.0, 5312.0, 5394.0, 5374.0, 5258.0, 5380.0, 5487.0, 5687.0, 5670.0, 5662.0, 5287.0, 5448.0, 5672.0, 5713.0, 5653.0, 5551.0, 5321.0, 5329.0, 5397.0, 5661.0, 5706.0, 5450.0, 5611.0, 5562.0, 5511.0, 5367.0, 5441.0, 5456.0, 5569.0, 5669.0, 5473.0, 5280.0, 5439.0, 5691.0, 5610.0, 5665.0, 5499.0, 5307.0
29	5290	9	1	333	1	5450.0, 5655.0, 5590.0, 5709.0, 5312.0, 5387.0, 5545.0, 5722.0, 5453.0, 5414.0, 5684.0, 5285.0, 5528.0, 5442.0, 5522.0, 5437.0, 5691.0, 5577.0, 5530.0, 5380.0, 5480.0, 5436.0, 5400.0, 5286.0, 5536.0, 5361.0, 5310.0, 5323.0, 5324.0, 5608.0, 5653.0, 5592.0, 5584.0, 5680.0, 5629.0, 5699.0, 5525.0, 5683.0, 5282.0, 5517.0, 5712.0, 5568.0, 5418.0, 5661.0, 5692.0, 5384.0, 5665.0, 5564.0, 5703.0, 5639.0, 5516.0, 5561.0, 5676.0, 5600.0, 5657.0, 5604.0, 5439.0, 5599.0, 5706.0, 5351.0, 5489.0, 5658.0, 5421.0, 5693.0, 5523.0, 5624.0, 5551.0, 5580.0, 5347.0, 5352.0, 5457.0, 5343.0, 5474.0, 5717.0, 5648.0, 5259.0, 5447.0, 5485.0, 5585.0, 5287.0, 5679.0, 5348.0, 5596.0, 5255.0, 5575.0, 5368.0, 5630.0, 5359.0, 5609.0, 5308.0, 5366.0, 5472.0, 5448.0, 5671.0, 5462.0, 5641.0, 5633.0, 5349.0, 5570.0, 5482.0
30	5290	9	1	333	1	5438.0, 5287.0, 5592.0, 5658.0, 5485.0, 5672.0, 5563.0, 5587.0, 5380.0, 5338.0, 5456.0, 5646.0, 5317.0, 5523.0, 5345.0, 5478.0, 5463.0, 5689.0, 5651.0, 5500.0, 5346.0, 5289.0, 5491.0, 5621.0, 5423.0, 5627.0, 5257.0, 5416.0, 5524.0, 5623.0, 5312.0, 5559.0, 5552.0, 5280.0, 5288.0, 5369.0, 5594.0, 5699.0, 5325.0, 5555.0, 5314.0, 5355.0, 5701.0, 5265.0, 5337.0, 5560.0, 5496.0, 5595.0, 5263.0, 5661.0, 5698.0, 5537.0, 5285.0, 5664.0, 5477.0, 5452.0, 5309.0, 5584.0, 5343.0, 5370.0, 5606.0, 5554.0, 5275.0, 5409.0, 5558.0

						5373.0, 5652.0, 5620.0, 5703.0, 5662.0, 5705.0, 5430.0, 5538.0, 5303.0, 5256.0, 5601.0, 5392.0, 5557.0, 5581.0, 5629.0, 5408.0, 5290.0, 5711.0, 5511.0, 5625.0, 5642.0, 5426.0, 5277.0, 5382.0, 5539.0, 5479.0, 5568.0, 5709.0, 5251.0, 5688.0, 5429.0, 5576.0, 5607.0, 5715.0, 5348.0
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**20MHz**

<b>Radar SignalType</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A</b>	15	100%	60%	pass
<b>Type 1B</b>	15	100%	60%	pass
<b>Type 2</b>	30	100 %	60%	Pass
<b>Type 3</b>	30	100 %	60%	Pass
<b>Type 4</b>	30	100 %	60%	Pass
<b>Aggregate(Type1 to 4)</b>	120	100 %	80%	Pass
<b>Type 5</b>	30	96.7 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

Please refer to the following statistical tables:

**5500MHz****Radar Type 1A Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5500	86	1	618	1
2	5500	95	1	558	1
3	5500	58	1	918	1
4	5500	76	1	698	1
5	5500	59	1	898	1
6	5500	72	1	738	1
7	5500	63	1	838	1
8	5500	83	1	638	1
9	5500	89	1	598	1
10	5500	70	1	758	1
11	5500	102	1	518	1
12	5500	65	1	818	1
13	5500	99	1	538	1
14	5500	67	1	798	1
15	5500	92	1	578	1
Detection Percentage: 100 % (>60%)					

**Radar Type 1B Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5500	79	1	674	1
2	5500	44	1	1206	1
3	5500	77	1	687	1
4	5500	28	1	1940	1
5	5500	52	1	1030	1
6	5500	87	1	611	1
7	5500	39	1	1386	1
8	5500	21	1	2523	1
9	5500	29	1	1864	1
10	5500	34	1	1566	1
11	5500	25	1	2189	1
12	5500	39	1	1376	1
13	5500	21	1	2540	1
14	5500	28	1	1909	1
15	5500	95	1	560	1
Detection Percentage: 100 % (>60%)					

**Radar Type 2 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5500	26	2.8	212	1
2	5500	26	4.6	160	1
3	5500	29	2.5	227	1
4	5500	28	1.8	186	1
5	5500	29	4.9	155	1
6	5500	24	4.7	221	1
7	5500	23	3.5	210	1
8	5500	25	1.1	159	1
9	5500	25	3.2	181	1
10	5500	24	3	226	1
11	5500	29	3.3	166	1
12	5500	27	3	200	1
13	5500	29	1.8	193	1
14	5500	29	4.7	190	1
15	5500	27	3.6	156	1
16	5500	29	3.1	230	1
17	5500	27	4.8	150	1
18	5500	28	4.6	159	1
19	5500	26	3.1	179	1
20	5500	29	1.3	206	1
21	5500	27	2.3	171	1
22	5500	29	2.8	224	1
23	5500	27	1.9	211	1
24	5500	29	3.3	174	1
25	5500	24	3.2	223	1
26	5500	26	4.5	164	1
27	5500	28	1.3	163	1
28	5500	27	1.8	221	1
29	5500	28	1.5	156	1
30	5500	24	2.4	162	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 3 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5500	18	8.7	298	1
2	5500	18	9.7	296	1
3	5500	17	7	256	1
4	5500	18	9.2	351	1
5	5500	16	8.3	481	1
6	5500	16	7.6	209	1
7	5500	17	8.8	384	1
8	5500	17	8.8	211	1
9	5500	16	7.5	399	1
10	5500	16	7.6	322	1
11	5500	16	8.8	219	1
12	5500	18	10	408	1
13	5500	18	7.6	237	1
14	5500	16	7.3	337	1
15	5500	16	6.7	403	1
16	5500	18	8.9	419	1
17	5500	18	6.1	343	1
18	5500	18	8	415	1
19	5500	16	8.7	465	1
20	5500	17	8	437	1
21	5500	17	9.4	273	1
22	5500	18	7.7	267	1
23	5500	16	8	467	1
24	5500	18	8.3	488	1
25	5500	16	7.1	255	1
26	5500	18	9.4	250	1
27	5500	18	8.8	416	1
28	5500	16	10	375	1
29	5500	16	7.8	489	1
30	5500	17	7.6	436	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 4 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5500	13	14.1	214	1
2	5500	15	17.6	480	1
3	5500	14	18.8	303	1
4	5500	12	13.1	360	1
5	5500	14	11.1	418	1
6	5500	15	18.4	200	1
7	5500	14	15.9	422	1
8	5500	13	17.2	467	1
9	5500	16	15.1	353	1
10	5500	12	18.5	311	1
11	5500	14	15.6	491	1
12	5500	12	17.3	262	1
13	5500	13	19	217	1
14	5500	14	13.1	381	1
15	5500	16	17.6	326	1
16	5500	16	13.6	239	1
17	5500	16	14.2	495	1
18	5500	16	19.3	296	1
19	5500	16	18.1	481	1
20	5500	14	12.6	389	1
21	5500	16	15.2	477	1
22	5500	14	12.5	463	1
23	5500	13	13.6	225	1
24	5500	15	17.7	434	1
25	5500	16	12.3	424	1
26	5500	14	19.8	320	1
27	5500	16	11.5	474	1
28	5500	12	11.4	264	1
29	5500	16	18.3	296	1
30	5500	16	12.5	248	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 5 Statistical Performance**

Statistics 1 (ChirpCenter Frequency: 5500.0MHz)

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	9	73.5	1494		0.963569	1
1	3	9	61.6	1122	1693	2.263671	
2	1	9	99.2			2.853861	
3	2	9	61.4	1031		3.602969	
4	1	9	51			5.749238	
5	2	9	58.1	1703		6.10194	
6	3	9	69.7	1782	1847	7.950198	
7	2	9	51.7	1468		8.401897	
8	2	9	74	1376		10.595857	
9	1	9	71.9			11.657485	

Statistics 2 (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	8	51.4	1601	1960	0.177174	1
1	3	8	86.1	1269	1270	1.871111	
2	3	8	71.3	1912	1909	2.93681	
3	1	8	64.1			3.183892	
4	2	8	69.2	1665		4.255006	
5	2	8	80.9	1714		5.146588	
6	2	8	97.3	1072		6.761834	
7	2	8	89.9	1884		7.233824	
8	1	8	87			8.223086	
9	3	8	99.4	1761	1083	9.129402	
10	2	8	60.6	1621		10.58473	
11	2	8	61.7	1044		11.40411	

## Statistics 3 (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	2	12	85.3	1966		0.168407	1
1	1	12	96.2			1.017087	
2	2	12	91.3	1483		1.959661	
3	2	12	73.9	1105		3.063691	
4	2	12	85.6	1495		4.07392	
5	2	12	61.6	1106		4.340535	
6	2	12	67.4	1954		5.93078	
7	3	12	69.3	1103	1698	6.049891	
8	3	12	99.4	1201	1536	7.442032	
9	2	12	89.5	1924		7.940083	
10	2	12	67.1	1881		8.699726	
11	2	12	61.3	1257		9.855991	
12	1	12	54.7			10.576746	
13	2	12	72.9	1150		11.877487	

## Statistics 4 (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	2	12	53.1	1562		0.345791	1
1	1	12	55.2			1.514506	
2	2	12	99.8	1067		2.759987	
3	2	12	67.6	1369		3.077227	
4	1	12	65.1			4.426669	
5	1	12	64.2			4.810781	
6	1	12	52.7			5.817285	
7	1	12	65.6			6.617998	
8	1	12	51.7			7.732164	
9	3	12	56.1	1845	1323	8.909375	
10	3	12	68	1847	1172	9.480341	
11	1	12	56			10.427178	
12	2	12	80.9	1714		11.247937	

## Statistics 5(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	2	9	76	1318		1.032797	1
1	3	9	73.8	1150	1810	1.468455	
2	1	9	83.6			2.597437	
3	2	9	99.1	1996		3.582636	
4	2	9	53.4	1504		4.693758	
5	2	9	95	1464		5.620263	
6	3	9	52.7	1029	1739	6.899434	
7	2	9	58.8	1053		8.136995	
8	3	9	75.4	1329	1205	9.560747	
9	1	9	78.3			10.299414	
10	3	9	58.7	1748	1087	10.942203	

## Statistics 6 (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	2	6	80.3	1453		0.236275	1
1	2	6	58.7	1441		1.21578	
2	3	6	80.5	1730	1400	1.696315	
3	1	6	81.7			2.338063	
4	2	6	67.4	1428		3.271206	
5	2	6	98.3	1779		4.245023	
6	2	6	56.1	1706		4.632953	
7	3	6	78	1720	1745	5.968042	
8	3	6	62.8	1527	1946	6.090786	
9	1	6	88.2			7.044522	
10	2	6	85.8	1756		7.66345	
11	1	6	68.2			8.879893	
12	2	6	95.7	1801		9.568231	
13	3	6	89.9	1620	1582	10.099799	
14	3	6	60.2	1191	1543	11.098083	
15	2	6	97.3	1219		11.656086	



## Statistics 7(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	14	75.5	1512	1465	0.910259	1
1	2	14	89.6	1581		1.640138	
2	2	14	77.4	1913		2.84959	
3	3	14	91.3	1594	1899	3.198241	
4	1	14	50.6			4.565003	
5	2	14	59.7	1380		5.857691	
6	3	14	69.7	1770	1982	6.223254	
7	2	14	87.5	1389		7.037585	
8	2	14	99.8	1949		8.246176	
9	1	14	66.2			9.22598	
10	2	14	51.9	1364		10.549213	
11	1	14	64.1			11.381834	

## Statistics 8 (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	2	9	73.6	1928		0.273944	1
1	1	9	51.5			0.89697	
2	3	9	55.6	1000	1390	1.874765	
3	3	9	80.5	1754	1872	2.37391	
4	1	9	76.9			3.047855	
5	2	9	98.1	1799		3.570955	
6	3	9	68.7	1595	1756	4.533062	
7	1	9	81.8			5.136462	
8	3	9	88.8	1936	1312	5.884651	
9	3	9	81.4	1310	1502	6.086313	
10	2	9	75.4	1187		6.671465	
11	1	9	87.1			7.860913	
12	2	9	89	1065		8.032406	
13	2	9	89.2	1452		9.301689	
14	3	9	57.1	1598	1452	9.864232	
15	1	9	94.9			10.397526	
16	2	9	82.5	1285		11.305465	
17	2	9	72	1210		11.481515	

## Statistics 9 (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	2	13	69.6	1543		0.000168	1
1	3	13	95.8	1494	1035	1.955614	
2	1	13	73			2.932544	
3	2	13	67.2	1054		4.789918	
4	2	13	68.6	1225		5.879446	
5	1	13	56			7.864109	
6	2	13	85.6	1698		8.052889	
7	1	13	59.2			10.254928	
8	3	13	50.1	1826	1417	11.143293	

## 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	9	89.3	1241	1254	0.206939	1
1	1	9	70			0.799443	
2	2	9	88.9	1882		1.98687	
3	3	9	87.1	1235	1932	2.31168	
4	1	9	99.4			3.229248	
5	2	9	60.4	1845		4.138886	
6	1	9	62.3			4.578158	
7	2	9	76.9	1226		5.074778	
8	3	9	99.3	1031	1777	5.909694	
9	1	9	68.9			6.997354	
10	2	9	97.7	1850		7.503244	
11	2	9	96	1891		8.006847	
12	2	9	73.4	1362		8.977303	
13	2	9	74.9	1564		9.250536	
14	1	9	60.9			10.312626	
15	2	9	83.3	1627		11.131349	
16	1	9	58.7			11.699412	

Statistics 11 (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	12	72.6	1255	1364	0.129162	1
1	1	12	83.5			0.881874	
2	1	12	88.9			1.478796	
3	2	12	86.6	1283		2.155033	
4	2	12	55.5	1618		2.958414	
5	1	12	54			4.151837	
6	1	12	63.5			4.583689	
7	3	12	74	1471	1501	5.340951	
8	3	12	83.1	1342	1413	6.205183	
9	3	12	58	1957	1571	6.79761	
10	1	12	69.1			7.245078	
11	1	12	69.4			8.084061	
12	2	12	75	1467		9.097548	
13	2	12	76.2	1806		9.73201	
14	2	12	58.3	1300		10.10032	
15	2	12	64.3	1959		11.130977	
16	1	12	93.1			11.337586	

Statistics 12 (ChirpCenter Frequency: 5499.0 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	82.4	1943		0.782757	1
1	1	9	57.1			1.231515	
2	2	9	84.5	1313		1.77465	
3	3	9	87.4	1364	1801	2.628918	
4	2	9	72.4	1513		3.585163	
5	1	9	87.8			4.012571	
6	3	9	58.3	1927	1767	4.972449	
7	1	9	90.2			6.211237	
8	1	9	68.1			6.464814	
9	1	9	71.9			7.672058	
10	2	9	85.7	1253		8.360616	
11	2	9	81.8	1199		9.414261	
12	2	9	71	1180		10.035297	
13	2	9	64.1	1362		11.104938	
14	1	9	70.8			11.454839	

## Statistics 13 (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	3	8	59.6	1547	1050	1.085754	1
1	2	8	86.7	1065		1.489497	
2	1	8	78.9			2.965373	
3	2	8	93.8	1959		4.313855	
4	3	8	56.1	1900	1340	4.750512	
5	1	8	59.5			5.482307	
6	2	8	71.4	1399		7.228531	
7	1	8	55.9			8.363497	
8	3	8	66.6	1137	1731	9.796596	
9	1	8	63.7			9.825584	
10	3	8	73.4	1494	1353	11.87318	

## Statistics 14 (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	19	57.8	1895		0.451688	1
1	3	19	89.9	1111	1546	1.137765	
2	2	19	57.5	1323		1.938931	
3	2	19	60.9	1459		2.106015	
4	2	19	94.7	1900		3.044334	
5	2	19	58.8	1191		3.714911	
6	1	19	71.5			4.360569	
7	2	19	93.4	1177		5.187306	
8	1	19	75.1			5.490467	
9	2	19	54.7	1511		6.484953	
10	2	19	93.6	1237		6.789821	
11	3	19	92.4	1318	1894	7.662516	
12	2	19	52.8	1926		8.161195	
13	2	19	73.9	1549		9.009169	
14	3	19	70.8	1070	1839	9.357939	
15	1	19	90.1			10.252711	
16	3	19	54.7	1502	1618	10.743757	
17	2	19	61.1	1685		11.92604	

## Statistics 15 (ChirpCenter Frequency: 5501.0 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	95	1865		1.187174	1
1	1	16	83.1			2.807331	
2	3	16	97	1278	1639	3.718661	
3	1	16	94.6			5.449219	
4	3	16	76.8	1892	1785	7.048469	
5	2	16	59.2	1918		8.08096	
6	2	16	54.2	1961		10.356172	
7	3	16	74.3	1094	1357	10.605683	

## Statistics 16 (ChirpCenter Frequency: 5501.0 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	90.7	1389	1701	0.443315	1
1	1	14	75.7			1.134019	
2	2	14	60.3	1776		2.201303	
3	1	14	65.6			3.168951	
4	1	14	89.1			4.492902	
5	1	14	74			5.23956	
6	3	14	77.5	1312	1460	6.267138	
7	2	14	68	1214		7.798466	
8	3	14	97.9	1235	1436	8.125289	
9	2	14	56	1036		9.892901	
10	1	14	70.1			10.060058	
11	1	14	81.2			11.811322	

Statistics 17 (ChirpCenter Frequency: 5502.0 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	18	96.3	1008	1092	0.315471	1
1	1	18	97.3			1.157836	
2	2	18	62.4	1958		2.177147	
3	3	18	69.1	1382	1644	2.684368	
4	2	18	95.8	1767		3.822839	
5	1	18	57.1			4.924836	
6	3	18	82.6	1673	1787	5.215651	
7	3	18	98.8	1994	1356	6.565274	
8	1	18	51.1			7.053554	
9	1	18	88.4			7.765049	
10	2	18	80.3	1885		9.123643	
11	3	18	92	1359	1235	10.16451	
12	2	18	75.2	1722		10.962734	
13	2	18	81.3	1534		11.269485	

Statistics 18 (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	12	97.4	1097	1799	0.128535	1
1	2	12	68.9	1430		0.657984	
2	2	12	52.4	1827		1.586471	
3	3	12	64	1445	1466	2.092656	
4	2	12	63.8	1751		2.79437	
5	3	12	92.3	1521	1880	3.290433	
6	2	12	78.6	1045		4.267525	
7	2	12	84	1499		4.507079	
8	1	12	85.9			5.462752	
9	1	12	76.5			5.964751	
10	1	12	81.6			6.928216	
11	3	12	98.1	1976	1849	7.534325	
12	3	12	58.5	1141	1646	7.720032	
13	1	12	57.4			8.245957	
14	2	12	68.4	1171		9.30918	
15	2	12	95	1805		10.085617	
16	3	12	64	1132	1962	10.247286	
17	2	12	87.1	1382		11.353804	
18	2	12	51.4	1677		11.484745	

## Statistics 19 (ChirpCenter Frequency: 5499.0 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	73.9	1865		0.02185	1
1	1	10	56.9			1.279059	
2	3	10	58.8	1864	1766	1.747085	
3	1	10	73.8			2.217213	
4	3	10	51.9	1179	1276	3.249081	
5	1	10	92.7			3.602438	
6	1	10	74.9			4.309895	
7	2	10	85	1117		4.667676	
8	1	10	89.2			5.530229	
9	3	10	74.6	1384	1241	6.374361	
10	3	10	53.7	1496	1644	6.780493	
11	3	10	77.6	1714	1901	7.561036	
12	1	10	88.6			8.618357	
13	1	10	62.5			9.043048	
14	1	10	53.5			9.722689	
15	3	10	98.9	1917	1606	10.186739	
16	2	10	52.1	1560		11.174107	
17	2	10	85.8	1625		11.945809	

## Statistics 20 (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	2	13	59.8	1973		0.377321	1
1	2	13	84.7	1857		1.13801	
2	2	13	69.7	1251		1.270739	
3	1	13	53			2.396446	
4	2	13	84.2	1408		2.84586	
5	2	13	78.3	1341		3.310166	
6	2	13	58.7	1136		3.837327	
7	2	13	65.3	1930		4.296783	
8	2	13	88.3	1874		4.843371	
9	3	13	63.7	1574	1765	5.924795	
10	1	13	63.2			6.146216	
11	2	13	97.1	1149		6.738944	
12	3	13	56.2	1053	1177	7.242965	
13	1	13	77.3			7.880471	
14	2	13	52.4	1199		8.494973	
15	2	13	68.5	1640		9.128431	
16	3	13	80.6	1208	1554	9.877912	
17	1	13	98.6			10.730885	
18	2	13	68.3	1969		11.360048	
19	3	13	79.5	1866	1804	11.471749	

## Statistics 21 (ChirpCenter Frequency: 5508.0 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	81.8	1111		0.47797	1
1	3	12	75.2	1687	1327	2.069528	
2	2	12	54.8	1604		2.828056	
3	2	12	73.7	1682		5.242803	
4	2	12	69	1414		6.017826	
5	2	12	81.4	1027		6.992991	
6	2	12	93.9	1111		8.227584	
7	1	12	97			9.778655	
8	3	12	84.6	1699	1776	10.860813	

## Statistics 22 (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	1	18	50.6			0.629594	1
1	3	18	62.2	1410	1010	1.170553	
2	3	18	63.8	1033	1833	1.718564	
3	1	18	93.4			2.754651	
4	2	18	86.7	1926		3.465812	
5	2	18	75.6	1816		3.882315	
6	2	18	67.3	1341		4.6689	
7	2	18	90	1481		5.539944	
8	2	18	65.5	1682		6.513969	
9	2	18	90.6	1200		7.234619	
10	2	18	82.1	1647		7.550365	
11	2	18	88.8	1699		8.993159	
12	2	18	84.5	1118		9.421542	
13	2	18	64.3	1417		9.763313	
14	2	18	87.4	1129		10.520082	
15	2	18	84	1242		11.824852	



## Statistics 23 (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	3	19	50.2	1164	1401	0.542493	1
1	1	19	69.3			1.018951	
2	1	19	70.4			1.560865	
3	2	19	83.3	1490		2.050743	
4	3	19	60.6	1638	1605	2.630493	
5	3	19	90.3	1301	1765	3.538121	
6	3	19	73.7	1047	1400	3.881874	
7	1	19	61.4			4.562973	
8	3	19	91.8	1342	1044	5.404256	
9	2	19	97.8	1915		5.84927	
10	2	19	84.8	1680		6.323964	
11	1	19	70.7			7.176582	
12	2	19	61.5	1362		8.116833	
13	2	19	75.4	1084		8.443974	
14	3	19	60.5	1960	1968	9.406223	
15	1	19	98.8			9.843239	
16	2	19	99.7	1016		10.411677	
17	3	19	56	1912	1595	11.303208	
18	3	19	53.4	1152	1715	11.712579	

## Statistics 24 (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	1	7	54.7			0.075541	0
1	1	7	72.7			1.117891	
2	1	7	73.9			1.547148	
3	2	7	60.2	1307		2.278448	
4	2	7	60.1	1291		2.801988	
5	3	7	80.9	1238	1829	3.236996	
6	1	7	50.6			4.080718	
7	3	7	80.4	1082	1989	4.256917	
8	2	7	83.5	1813		4.990489	
9	1	7	61.8			5.466749	
10	3	7	85.8	1027	1356	6.19604	
11	3	7	91.9	1141	1924	7.059368	
12	2	7	60.7	1159		7.342394	
13	2	7	82.9	1581		8.207024	
14	3	7	90.6	1297	1470	8.533528	
15	3	7	99.9	1448	1942	9.482467	
16	2	7	92.4	1998		10.025603	
17	2	7	58.8	1063		10.246914	
18	2	7	63.3	1259		11.265657	
19	2	7	71.6	1876		11.965847	

## Statistics 25 (ChirpCenter Frequency: 5509.0 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	82.3	1288		0.008573	1
1	2	10	82.4	1715		1.486099	
2	2	10	96.1	1034		2.153007	
3	1	10	98			2.710137	
4	3	10	89.7	1652	1102	3.311164	
5	2	10	58.4	1839		4.625117	
6	1	10	60.5			5.123816	
7	2	10	92	1238		5.848446	
8	1	10	80.8			6.507038	
9	2	10	89.9	1996		7.546092	
10	1	10	74.7			8.224118	
11	3	10	69.6	1925	1102	9.368223	
12	2	10	81.3	1041		10.228112	
13	1	10	65.7			10.620113	
14	3	10	61.7	1579	1037	11.566111	

## Statistics 26 (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	18	53.3	1760		0.365059	1
1	2	18	65.6	1226		1.489388	
2	1	18	88.9			1.652346	
3	2	18	78.8	1704		2.594666	
4	1	18	59.7			3.577155	
5	3	18	62.4	1104	1688	4.211977	
6	3	18	86.9	1605	1611	5.586836	
7	2	18	71.9	1045		5.725621	
8	1	18	50.9			6.60481	
9	1	18	92.6			7.798305	
10	2	18	65.1	1484		8.750475	
11	2	18	71.4	1438		9.579693	
12	3	18	95.3	1069	1176	9.976105	
13	1	18	82.9			10.784096	
14	1	18	89.1			11.603211	

## Statistics 27 (ChirpCenter Frequency: 5509.0 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	92.2	1835		0.600943	1
1	3	11	71.8	1063	1869	2.364285	
2	3	11	78.6	1797	1368	2.650655	
3	2	11	95.4	1725		4.644842	
4	2	11	86	1646		5.899109	
5	3	11	69.6	1678	1762	6.183344	
6	2	11	98.8	1344		8.251562	
7	3	11	53	1835	1005	9.460513	
8	3	11	61.8	1334	1175	9.901146	
9	3	11	52.4	1496	1886	11.275116	

## Statistics 28 (ChirpCenter Frequency: 5507.0 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	91.2	1988		0.429976	1
1	3	13	98.9	1603	1529	1.021268	
2	2	13	72.5	1733		1.801243	
3	3	13	88	1450	1815	2.403722	
4	2	13	98.1	1459		3.155946	
5	2	13	85.6	1467		3.463064	
6	2	13	83	1739		4.614064	
7	1	13	95.9			5.208316	
8	2	13	53.6	1541		5.614595	
9	2	13	91.2	1257		6.362696	
10	2	13	72.8	1110		6.940231	
11	1	13	86.8			7.884936	
12	1	13	65.5			8.262162	
13	2	13	73.1	1929		8.883892	
14	1	13	84.9			9.920035	
15	2	13	85.8	1467		10.134236	
16	2	13	59.6	1282		10.776262	
17	1	13	59.2			11.415176	

## Statistics 29 (ChirpCenter Frequency: 5509.0 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	92.1	1021		0.877424	1
1	1	8	93.3			1.160481	
2	1	8	97.6			2.765082	
3	2	8	85.9	1699		3.775198	
4	2	8	77.6	1350		4.249573	
5	3	8	96.5	1964	1011	5.051638	
6	3	8	95.3	1171	1420	6.835076	
7	1	8	65.9			7.649862	
8	1	8	64.5			8.760916	
9	1	8	55.4			9.730919	
10	2	8	63.8	1662		10.366609	
11	2	8	74	1187		11.568495	

## Statistics 30 (ChirpCenter Frequency: 5509.0 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	58.7	1673		0.266385	1
1	2	8	60.8	1498		1.121192	
2	2	8	74.1	1904		1.609894	
3	1	8	96.1			2.750491	
4	2	8	68.7	1335		3.284695	
5	1	8	69.9			4.337156	
6	2	8	58.7	1756		5.108056	
7	3	8	61	1254	1549	5.622008	
8	2	8	80.8	1374		7.163861	
9	2	8	92.5	1226		7.494279	
10	2	8	85.1	1572		8.705579	
11	1	8	73			9.226255	
12	2	8	82.8	1591		9.870171	
13	2	8	98.5	1342		10.878933	
14	3	8	98.4	1842	1054	11.348298	

**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	5698.0, 5675.0, 5691.0, 5338.0, 5353.0, 5489.0, 5684.0, 5264.0, 5589.0, 5708.0, 5548.0, 5390.0, 5717.0, 5322.0, 5393.0, 5524.0, 5481.0, 5323.0, 5690.0, 5637.0, 5556.0, 5373.0, 5527.0, 5348.0, 5519.0, 5647.0, 5554.0, 5598.0, 5565.0, 5494.0, 5407.0, 5289.0, 5596.0, 5517.0, 5327.0, 5271.0, 5662.0, 5411.0, 5330.0, 5283.0, 5600.0, 5531.0, 5276.0, 5525.0, 5381.0, 5714.0, 5484.0, 5252.0, 5443.0, 5333.0, 5375.0, 5357.0, 5354.0, 5414.0, 5563.0, 5356.0, 5442.0, 5388.0, 5628.0, 5426.0, 5254.0, 5709.0, 5575.0, 5512.0, 5688.0, 5355.0, 5332.0, 5631.0, 5603.0, 5371.0, 5319.0, 5626.0, 5302.0, 5697.0, 5331.0, 5270.0, 5286.0, 5306.0, 5397.0, 5416.0, 5506.0, 5396.0, 5439.0, 5516.0, 5568.0, 5456.0, 5507.0, 5633.0, 5547.0, 5402.0, 5467.0, 5551.0, 5450.0, 5405.0, 5455.0, 5428.0, 5677.0, 5655.0, 5641.0, 5499.0
2	5500	9	1	333	1	5295.0, 5371.0, 5388.0, 5327.0, 5413.0, 5435.0, 5537.0, 5663.0, 5506.0, 5334.0, 5645.0, 5722.0, 5520.0, 5287.0, 5555.0, 5597.0, 5583.0, 5416.0, 5448.0, 5372.0, 5508.0, 5357.0, 5373.0, 5411.0, 5635.0, 5427.0, 5671.0, 5254.0, 5281.0, 5306.0, 5442.0, 5499.0, 5561.0, 5452.0, 5447.0, 5604.0, 5304.0, 5277.0, 5712.0, 5345.0, 5464.0, 5319.0, 5326.0, 5616.0, 5496.0, 5678.0, 5316.0, 5430.0, 5614.0, 5510.0, 5482.0, 5380.0, 5255.0, 5349.0, 5615.0, 5514.0, 5568.0, 5424.0, 5517.0, 5305.0, 5280.0, 5673.0, 5463.0, 5418.0, 5541.0, 5598.0, 5519.0, 5591.0, 5567.0, 5550.0, 5691.0, 5592.0, 5527.0, 5633.0, 5600.0, 5417.0, 5719.0, 5384.0, 5704.0, 5358.0, 5509.0, 5361.0, 5455.0, 5325.0, 5547.0, 5324.0, 5545.0, 5469.0, 5684.0, 5456.0, 5605.0, 5618.0, 5676.0, 5495.0, 5654.0, 5483.0, 5702.0, 5622.0, 5253.0, 5562.0
3	5500	9	1	333	1	5473.0, 5416.0, 5279.0, 5723.0, 5348.0, 5253.0, 5429.0, 5400.0, 5623.0, 5276.0, 5711.0, 5529.0, 5690.0, 5648.0, 5320.0, 5337.0, 5526.0, 5335.0, 5371.0, 5596.0, 5418.0, 5295.0, 5330.0, 5343.0, 5267.0, 5436.0, 5273.0, 5530.0, 5525.0, 5582.0, 5659.0, 5299.0, 5538.0, 5564.0, 5694.0, 5678.0, 5398.0, 5602.0, 5536.0, 5717.0, 5471.0, 5689.0, 5484.0, 5592.0, 5360.0, 5677.0, 5491.0, 5494.0, 5558.0, 5363.0, 5512.0, 5611.0, 5552.0, 5314.0, 5356.0, 5544.0, 5578.0, 5541.0, 5488.0, 5670.0, 5408.0, 5560.0, 5451.0, 5698.0, 5462.0

						5261.0, 5527.0, 5537.0, 5510.0, 5516.0, 5461.0, 5478.0, 5259.0, 5464.0, 5549.0, 5697.0, 5716.0, 5423.0, 5395.0, 5252.0, 5309.0, 5612.0, 5376.0, 5397.0, 5553.0, 5275.0, 5487.0, 5721.0, 5622.0, 5307.0, 5542.0, 5586.0, 5645.0, 5297.0, 5300.0, 5277.0, 5545.0, 5635.0, 5662.0, 5540.0
4	5500	9	1	333	1	5659.0, 5402.0, 5428.0, 5498.0, 5451.0, 5421.0, 5322.0, 5701.0, 5435.0, 5529.0, 5405.0, 5285.0, 5602.0, 5467.0, 5301.0, 5533.0, 5442.0, 5350.0, 5302.0, 5601.0, 5321.0, 5431.0, 5541.0, 5295.0, 5703.0, 5513.0, 5425.0, 5489.0, 5437.0, 5271.0, 5256.0, 5265.0, 5378.0, 5522.0, 5617.0, 5343.0, 5547.0, 5562.0, 5525.0, 5314.0, 5346.0, 5610.0, 5391.0, 5645.0, 5548.0, 5289.0, 5344.0, 5360.0, 5379.0, 5549.0, 5396.0, 5475.0, 5539.0, 5560.0, 5690.0, 5381.0, 5500.0, 5287.0, 5587.0, 5594.0, 5464.0, 5357.0, 5616.0, 5722.0, 5679.0, 5557.0, 5311.0, 5552.0, 5307.0, 5664.0, 5296.0, 5508.0, 5494.0, 5358.0, 5546.0, 5651.0, 5312.0, 5706.0, 5313.0, 5263.0, 5453.0, 5648.0, 5655.0, 5403.0, 5434.0, 5717.0, 5445.0, 5473.0, 5460.0, 5299.0, 5341.0, 5267.0, 5323.0, 5711.0, 5452.0, 5537.0, 5646.0, 5668.0, 5305.0, 5599.0
5	5500	9	1	333	1	5573.0, 5665.0, 5500.0, 5640.0, 5569.0, 5409.0, 5682.0, 5686.0, 5383.0, 5399.0, 5714.0, 5583.0, 5328.0, 5398.0, 5530.0, 5452.0, 5604.0, 5597.0, 5266.0, 5368.0, 5358.0, 5627.0, 5417.0, 5323.0, 5605.0, 5408.0, 5625.0, 5380.0, 5642.0, 5333.0, 5414.0, 5699.0, 5634.0, 5610.0, 5471.0, 5519.0, 5638.0, 5611.0, 5262.0, 5703.0, 5430.0, 5553.0, 5674.0, 5310.0, 5282.0, 5680.0, 5265.0, 5683.0, 5271.0, 5668.0, 5404.0, 5396.0, 5545.0, 5525.0, 5600.0, 5502.0, 5635.0, 5447.0, 5449.0, 5355.0, 5273.0, 5564.0, 5444.0, 5456.0, 5708.0, 5387.0, 5676.0, 5644.0, 5385.0, 5509.0, 5299.0, 5723.0, 5691.0, 5480.0, 5628.0, 5309.0, 5534.0, 5717.0, 5332.0, 5670.0, 5494.0, 5312.0, 5363.0, 5684.0, 5260.0, 5335.0, 5349.0, 5426.0, 5550.0, 5327.0, 5264.0, 5590.0, 5470.0, 5362.0, 5582.0, 5559.0, 5710.0, 5603.0, 5454.0, 5641.0
6	5500	9	1	333	1	5303.0, 5723.0, 5710.0, 5417.0, 5718.0, 5456.0, 5469.0, 5504.0, 5279.0, 5509.0, 5395.0, 5481.0, 5522.0, 5720.0, 5674.0, 5289.0, 5672.0, 5503.0, 5531.0, 5520.0, 5716.0, 5640.0, 5528.0, 5402.0, 5714.0, 5617.0, 5350.0, 5445.0, 5446.0, 5397.0, 5702.0, 5529.0, 5550.0, 5572.0, 5645.0, 5495.0, 5302.0, 5533.0, 5293.0, 5637.0, 5442.0, 5324.0, 5359.0, 5275.0, 5457.0, 5583.0, 5676.0, 5387.0, 5274.0, 5474.0, 5506.0, 5371.0, 5492.0, 5319.0, 5358.0, 5621.0, 5534.0, 5385.0, 5721.0, 5508.0, 5373.0, 5396.0, 5639.0, 5539.0, 5547.0,

						5461.0, 5278.0, 5516.0, 5285.0, 5559.0, 5463.0, 5295.0, 5323.0, 5654.0, 5283.0, 5471.0, 5282.0, 5510.0, 5698.0, 5659.0, 5664.0, 5470.0, 5656.0, 5682.0, 5553.0, 5704.0, 5377.0, 5515.0, 5298.0, 5325.0, 5431.0, 5455.0, 5478.0, 5687.0, 5561.0, 5608.0, 5489.0, 5419.0, 5345.0, 5313.0
7	5500	9	1	333	1	5346.0, 5507.0, 5423.0, 5513.0, 5619.0, 5403.0, 5518.0, 5610.0, 5603.0, 5648.0, 5641.0, 5625.0, 5317.0, 5332.0, 5699.0, 5438.0, 5547.0, 5569.0, 5320.0, 5624.0, 5623.0, 5487.0, 5262.0, 5473.0, 5491.0, 5670.0, 5566.0, 5452.0, 5402.0, 5436.0, 5708.0, 5511.0, 5449.0, 5724.0, 5254.0, 5344.0, 5462.0, 5698.0, 5306.0, 5592.0, 5635.0, 5555.0, 5440.0, 5486.0, 5324.0, 5668.0, 5353.0, 5498.0, 5554.0, 5614.0, 5377.0, 5488.0, 5508.0, 5380.0, 5527.0, 5519.0, 5494.0, 5301.0, 5357.0, 5716.0, 5388.0, 5510.0, 5521.0, 5321.0, 5347.0, 5537.0, 5453.0, 5316.0, 5336.0, 5387.0, 5558.0, 5546.0, 5622.0, 5502.0, 5514.0, 5697.0, 5461.0, 5702.0, 5493.0, 5251.0, 5356.0, 5250.0, 5313.0, 5642.0, 5599.0, 5310.0, 5364.0, 5407.0, 5454.0, 5606.0, 5325.0, 5645.0, 5615.0, 5272.0, 5598.0, 5384.0, 5483.0, 5335.0, 5492.0, 5410.0
8	5500	9	1	333	1	5402.0, 5719.0, 5609.0, 5513.0, 5662.0, 5722.0, 5337.0, 5520.0, 5494.0, 5339.0, 5624.0, 5256.0, 5655.0, 5512.0, 5581.0, 5335.0, 5612.0, 5678.0, 5444.0, 5550.0, 5614.0, 5497.0, 5700.0, 5434.0, 5251.0, 5315.0, 5485.0, 5374.0, 5299.0, 5554.0, 5298.0, 5426.0, 5372.0, 5480.0, 5397.0, 5479.0, 5703.0, 5381.0, 5325.0, 5548.0, 5541.0, 5352.0, 5401.0, 5489.0, 5420.0, 5667.0, 5654.0, 5504.0, 5509.0, 5534.0, 5673.0, 5350.0, 5314.0, 5303.0, 5302.0, 5447.0, 5354.0, 5403.0, 5345.0, 5496.0, 5651.0, 5669.0, 5532.0, 5319.0, 5343.0, 5555.0, 5398.0, 5379.0, 5451.0, 5570.0, 5417.0, 5647.0, 5510.0, 5378.0, 5358.0, 5560.0, 5289.0, 5254.0, 5693.0, 5616.0, 5327.0, 5596.0, 5503.0, 5282.0, 5611.0, 5271.0, 5653.0, 5431.0, 5366.0, 5629.0, 5542.0, 5268.0, 5336.0, 5571.0, 5453.0, 5582.0, 5368.0, 5584.0, 5344.0, 5250.0
9	5500	9	1	333	1	5431.0, 5690.0, 5353.0, 5675.0, 5621.0, 5315.0, 5296.0, 5715.0, 5255.0, 5361.0, 5510.0, 5563.0, 5492.0, 5472.0, 5400.0, 5587.0, 5613.0, 5696.0, 5636.0, 5612.0, 5269.0, 5614.0, 5453.0, 5627.0, 5481.0, 5413.0, 5480.0, 5546.0, 5310.0, 5537.0, 5556.0, 5391.0, 5314.0, 5397.0, 5293.0, 5305.0, 5395.0, 5501.0, 5518.0, 5589.0, 5487.0, 5376.0, 5316.0, 5447.0, 5584.0, 5626.0, 5399.0, 5374.0, 5529.0, 5461.0, 5678.0, 5547.0, 5680.0, 5640.0, 5583.0, 5439.0, 5606.0, 5488.0, 5667.0, 5528.0, 5350.0, 5717.0, 5473.0, 5515.0, 5603.0,

						5321.0, 5498.0, 5297.0, 5380.0, 5542.0, 5429.0, 5692.0, 5425.0, 5633.0, 5552.0, 5533.0, 5366.0, 5464.0, 5653.0, 5586.0, 5607.0, 5574.0, 5318.0, 5545.0, 5575.0, 5362.0, 5332.0, 5451.0, 5408.0, 5462.0, 5326.0, 5459.0, 5657.0, 5532.0, 5367.0, 5666.0, 5685.0, 5513.0, 5313.0, 5342.0
10	5500	9	1	333	1	5423.0, 5338.0, 5408.0, 5407.0, 5352.0, 5345.0, 5298.0, 5557.0, 5333.0, 5682.0, 5457.0, 5379.0, 5405.0, 5621.0, 5628.0, 5385.0, 5684.0, 5692.0, 5281.0, 5490.0, 5488.0, 5449.0, 5307.0, 5547.0, 5306.0, 5257.0, 5700.0, 5469.0, 5434.0, 5599.0, 5291.0, 5303.0, 5369.0, 5528.0, 5502.0, 5465.0, 5537.0, 5425.0, 5329.0, 5639.0, 5417.0, 5637.0, 5563.0, 5353.0, 5256.0, 5549.0, 5496.0, 5618.0, 5654.0, 5283.0, 5544.0, 5652.0, 5364.0, 5253.0, 5517.0, 5308.0, 5395.0, 5332.0, 5520.0, 5501.0, 5498.0, 5387.0, 5539.0, 5675.0, 5363.0, 5619.0, 5530.0, 5372.0, 5685.0, 5448.0, 5536.0, 5666.0, 5456.0, 5504.0, 5535.0, 5386.0, 5265.0, 5718.0, 5261.0, 5474.0, 5289.0, 5463.0, 5278.0, 5415.0, 5532.0, 5336.0, 5510.0, 5413.0, 5318.0, 5394.0, 5362.0, 5713.0, 5509.0, 5495.0, 5572.0, 5592.0, 5678.0, 5512.0, 5356.0, 5511.0
11	5500	9	1	333	1	5334.0, 5380.0, 5274.0, 5701.0, 5532.0, 5543.0, 5592.0, 5587.0, 5611.0, 5605.0, 5293.0, 5559.0, 5295.0, 5292.0, 5301.0, 5494.0, 5487.0, 5500.0, 5486.0, 5466.0, 5370.0, 5324.0, 5300.0, 5303.0, 5645.0, 5412.0, 5285.0, 5359.0, 5677.0, 5367.0, 5669.0, 5397.0, 5649.0, 5541.0, 5435.0, 5383.0, 5616.0, 5416.0, 5329.0, 5595.0, 5591.0, 5256.0, 5400.0, 5498.0, 5342.0, 5489.0, 5350.0, 5374.0, 5659.0, 5336.0, 5463.0, 5623.0, 5516.0, 5679.0, 5604.0, 5578.0, 5693.0, 5396.0, 5601.0, 5279.0, 5614.0, 5615.0, 5582.0, 5545.0, 5549.0, 5269.0, 5540.0, 5392.0, 5427.0, 5648.0, 5415.0, 5289.0, 5358.0, 5581.0, 5722.0, 5695.0, 5302.0, 5678.0, 5676.0, 5699.0, 5717.0, 5322.0, 5315.0, 5497.0, 5607.0, 5349.0, 5612.0, 5620.0, 5272.0, 5542.0, 5262.0, 5680.0, 5331.0, 5573.0, 5511.0, 5529.0, 5260.0, 5314.0, 5369.0, 5297.0
12	5500	9	1	333	1	5423.0, 5375.0, 5474.0, 5426.0, 5684.0, 5636.0, 5518.0, 5329.0, 5259.0, 5384.0, 5624.0, 5677.0, 5609.0, 5289.0, 5287.0, 5253.0, 5688.0, 5286.0, 5721.0, 5671.0, 5333.0, 5574.0, 5478.0, 5256.0, 5578.0, 5607.0, 5451.0, 5269.0, 5656.0, 5682.0, 5722.0, 5486.0, 5290.0, 5318.0, 5714.0, 5508.0, 5604.0, 5712.0, 5530.0, 5361.0, 5347.0, 5588.0, 5288.0, 5268.0, 5324.0, 5405.0, 5589.0, 5527.0, 5404.0, 5711.0, 5492.0, 5280.0, 5570.0, 5301.0, 5702.0, 5648.0, 5691.0, 5665.0, 5717.0, 5439.0, 5403.0, 5358.0, 5553.0, 5394.0, 5413.0,



						5608.0, 5464.0, 5322.0, 5715.0, 5419.0, 5631.0, 5323.0, 5343.0, 5554.0, 5398.0, 5650.0, 5458.0, 5363.0, 5296.0, 5471.0, 5389.0, 5378.0, 5453.0, 5357.0, 5614.0, 5380.0, 5385.0, 5373.0, 5655.0, 5391.0, 5483.0, 5500.0, 5330.0, 5681.0, 5627.0, 5420.0, 5346.0, 5433.0, 5331.0, 5359.0
13	5500	9	1	333	1	5264.0, 5660.0, 5296.0, 5675.0, 5396.0, 5436.0, 5482.0, 5696.0, 5513.0, 5435.0, 5289.0, 5528.0, 5347.0, 5480.0, 5679.0, 5574.0, 5579.0, 5348.0, 5689.0, 5712.0, 5604.0, 5646.0, 5311.0, 5371.0, 5380.0, 5631.0, 5308.0, 5559.0, 5398.0, 5632.0, 5345.0, 5361.0, 5449.0, 5682.0, 5427.0, 5468.0, 5326.0, 5649.0, 5550.0, 5661.0, 5412.0, 5716.0, 5445.0, 5402.0, 5564.0, 5571.0, 5274.0, 5589.0, 5510.0, 5533.0, 5288.0, 5431.0, 5705.0, 5355.0, 5588.0, 5534.0, 5332.0, 5370.0, 5262.0, 5507.0, 5535.0, 5643.0, 5350.0, 5543.0, 5420.0, 5568.0, 5659.0, 5406.0, 5624.0, 5428.0, 5309.0, 5566.0, 5462.0, 5418.0, 5583.0, 5318.0, 5351.0, 5489.0, 5664.0, 5322.0, 5272.0, 5695.0, 5524.0, 5464.0, 5493.0, 5656.0, 5684.0, 5598.0, 5450.0, 5382.0, 5273.0, 5339.0, 5599.0, 5576.0, 5405.0, 5325.0, 5397.0, 5530.0, 5290.0, 5365.0
14	5500	9	1	333	1	5564.0, 5503.0, 5687.0, 5348.0, 5401.0, 5598.0, 5566.0, 5494.0, 5684.0, 5560.0, 5423.0, 5474.0, 5424.0, 5542.0, 5573.0, 5519.0, 5674.0, 5609.0, 5530.0, 5638.0, 5627.0, 5476.0, 5279.0, 5658.0, 5411.0, 5358.0, 5717.0, 5305.0, 5655.0, 5664.0, 5581.0, 5669.0, 5464.0, 5685.0, 5472.0, 5391.0, 5408.0, 5261.0, 5275.0, 5449.0, 5548.0, 5646.0, 5309.0, 5315.0, 5475.0, 5267.0, 5524.0, 5599.0, 5667.0, 5688.0, 5556.0, 5528.0, 5428.0, 5665.0, 5595.0, 5540.0, 5707.0, 5482.0, 5344.0, 5419.0, 5329.0, 5648.0, 5708.0, 5721.0, 5652.0, 5299.0, 5718.0, 5281.0, 5506.0, 5437.0, 5487.0, 5588.0, 5671.0, 5384.0, 5332.0, 5409.0, 5460.0, 5433.0, 5301.0, 5493.0, 5518.0, 5322.0, 5565.0, 5636.0, 5491.0, 5321.0, 5415.0, 5611.0, 5334.0, 5328.0, 5555.0, 5697.0, 5434.0, 5602.0, 5541.0, 5306.0, 5593.0, 5277.0, 5554.0, 5700.0
15	5500	9	1	333	1	5411.0, 5294.0, 5712.0, 5472.0, 5356.0, 5319.0, 5274.0, 5540.0, 5570.0, 5526.0, 5435.0, 5694.0, 5724.0, 5660.0, 5374.0, 5626.0, 5254.0, 5470.0, 5480.0, 5601.0, 5491.0, 5286.0, 5680.0, 5538.0, 5341.0, 5536.0, 5595.0, 5503.0, 5397.0, 5315.0, 5372.0, 5531.0, 5288.0, 5578.0, 5560.0, 5358.0, 5673.0, 5381.0, 5263.0, 5365.0, 5346.0, 5421.0, 5675.0, 5527.0, 5652.0, 5522.0, 5386.0, 5262.0, 5279.0, 5273.0, 5413.0, 5422.0, 5559.0, 5617.0, 5635.0, 5448.0, 5424.0, 5429.0, 5566.0, 5454.0, 5398.0, 5439.0, 5502.0, 5562.0, 5539.0

						5391.0, 5584.0, 5458.0, 5275.0, 5585.0, 5667.0, 5506.0, 5471.0, 5257.0, 5589.0, 5685.0, 5416.0, 5329.0, 5360.0, 5654.0, 5434.0, 5267.0, 5425.0, 5345.0, 5463.0, 5520.0, 5519.0, 5302.0, 5387.0, 5634.0, 5310.0, 5613.0, 5640.0, 5333.0, 5614.0, 5321.0, 5414.0, 5334.0, 5407.0, 5467.0
16	5500	9	1	333	1	5288.0, 5331.0, 5635.0, 5568.0, 5267.0, 5682.0, 5499.0, 5598.0, 5316.0, 5460.0, 5453.0, 5325.0, 5371.0, 5655.0, 5369.0, 5614.0, 5494.0, 5442.0, 5688.0, 5484.0, 5573.0, 5473.0, 5663.0, 5628.0, 5305.0, 5593.0, 5319.0, 5668.0, 5359.0, 5454.0, 5633.0, 5399.0, 5334.0, 5527.0, 5495.0, 5462.0, 5577.0, 5485.0, 5578.0, 5625.0, 5582.0, 5481.0, 5383.0, 5404.0, 5518.0, 5615.0, 5647.0, 5648.0, 5264.0, 5396.0, 5597.0, 5690.0, 5570.0, 5616.0, 5673.0, 5583.0, 5468.0, 5455.0, 5470.0, 5304.0, 5586.0, 5523.0, 5500.0, 5474.0, 5278.0, 5574.0, 5269.0, 5506.0, 5699.0, 5290.0, 5254.0, 5250.0, 5443.0, 5511.0, 5711.0, 5514.0, 5477.0, 5253.0, 5411.0, 5270.0, 5654.0, 5604.0, 5612.0, 5566.0, 5557.0, 5257.0, 5585.0, 5401.0, 5490.0, 5549.0, 5501.0, 5497.0, 5678.0, 5394.0, 5489.0, 5721.0, 5296.0, 5252.0, 5638.0, 5439.0
17	5500	9	1	333	1	5438.0, 5635.0, 5721.0, 5311.0, 5382.0, 5351.0, 5496.0, 5393.0, 5475.0, 5616.0, 5398.0, 5355.0, 5299.0, 5371.0, 5510.0, 5711.0, 5294.0, 5610.0, 5429.0, 5396.0, 5529.0, 5668.0, 5658.0, 5254.0, 5313.0, 5270.0, 5513.0, 5643.0, 5562.0, 5268.0, 5538.0, 5619.0, 5573.0, 5269.0, 5289.0, 5466.0, 5283.0, 5279.0, 5482.0, 5352.0, 5502.0, 5640.0, 5647.0, 5614.0, 5304.0, 5408.0, 5618.0, 5403.0, 5651.0, 5436.0, 5474.0, 5333.0, 5280.0, 5366.0, 5604.0, 5281.0, 5308.0, 5282.0, 5368.0, 5669.0, 5598.0, 5361.0, 5511.0, 5257.0, 5314.0, 5315.0, 5586.0, 5375.0, 5385.0, 5493.0, 5528.0, 5662.0, 5470.0, 5527.0, 5278.0, 5428.0, 5377.0, 5441.0, 5556.0, 5708.0, 5312.0, 5520.0, 5587.0, 5323.0, 5634.0, 5386.0, 5369.0, 5388.0, 5332.0, 5703.0, 5571.0, 5454.0, 5583.0, 5514.0, 5596.0, 5639.0, 5372.0, 5455.0, 5681.0, 5383.0
18	5500	9	1	333	1	5411.0, 5575.0, 5538.0, 5685.0, 5539.0, 5580.0, 5677.0, 5498.0, 5585.0, 5566.0, 5529.0, 5387.0, 5636.0, 5680.0, 5665.0, 5315.0, 5496.0, 5362.0, 5402.0, 5571.0, 5477.0, 5597.0, 5675.0, 5336.0, 5686.0, 5425.0, 5659.0, 5471.0, 5561.0, 5307.0, 5374.0, 5428.0, 5641.0, 5288.0, 5332.0, 5567.0, 5573.0, 5637.0, 5540.0, 5445.0, 5590.0, 5305.0, 5330.0, 5346.0, 5500.0, 5465.0, 5683.0, 5286.0, 5648.0, 5427.0, 5448.0, 5263.0, 5377.0, 5348.0, 5440.0, 5650.0, 5430.0, 5712.0, 5688.0, 5706.0, 5457.0, 5724.0, 5511.0, 5478.0, 5459.0

						5350.0, 5517.0, 5352.0, 5695.0, 5455.0, 5676.0, 5508.0, 5698.0, 5552.0, 5433.0, 5645.0, 5592.0, 5655.0, 5264.0, 5537.0, 5516.0, 5434.0, 5417.0, 5312.0, 5376.0, 5595.0, 5499.0, 5383.0, 5418.0, 5333.0, 5444.0, 5572.0, 5621.0, 5278.0, 5558.0, 5472.0, 5447.0, 5325.0, 5551.0, 5705.0
19	5500	9	1	333	1	5680.0, 5505.0, 5332.0, 5342.0, 5412.0, 5581.0, 5702.0, 5307.0, 5355.0, 5340.0, 5476.0, 5366.0, 5649.0, 5592.0, 5521.0, 5354.0, 5528.0, 5491.0, 5419.0, 5373.0, 5669.0, 5539.0, 5673.0, 5381.0, 5344.0, 5532.0, 5619.0, 5659.0, 5662.0, 5430.0, 5705.0, 5679.0, 5685.0, 5451.0, 5563.0, 5509.0, 5470.0, 5428.0, 5410.0, 5664.0, 5711.0, 5452.0, 5656.0, 5713.0, 5391.0, 5594.0, 5423.0, 5370.0, 5314.0, 5598.0, 5401.0, 5272.0, 5279.0, 5615.0, 5567.0, 5708.0, 5600.0, 5313.0, 5350.0, 5409.0, 5515.0, 5552.0, 5683.0, 5601.0, 5457.0, 5586.0, 5688.0, 5631.0, 5333.0, 5407.0, 5271.0, 5363.0, 5498.0, 5670.0, 5580.0, 5519.0, 5441.0, 5383.0, 5259.0, 5604.0, 5579.0, 5666.0, 5500.0, 5296.0, 5278.0, 5324.0, 5390.0, 5564.0, 5388.0, 5382.0, 5639.0, 5372.0, 5378.0, 5280.0, 5440.0, 5609.0, 5494.0, 5718.0, 5474.0, 5608.0
20	5500	9	1	333	1	5405.0, 5420.0, 5396.0, 5604.0, 5465.0, 5590.0, 5447.0, 5262.0, 5513.0, 5410.0, 5493.0, 5431.0, 5481.0, 5690.0, 5255.0, 5469.0, 5360.0, 5387.0, 5303.0, 5577.0, 5684.0, 5366.0, 5456.0, 5636.0, 5510.0, 5530.0, 5714.0, 5561.0, 5349.0, 5721.0, 5363.0, 5331.0, 5591.0, 5435.0, 5297.0, 5492.0, 5344.0, 5534.0, 5520.0, 5427.0, 5553.0, 5374.0, 5686.0, 5628.0, 5704.0, 5544.0, 5660.0, 5429.0, 5702.0, 5661.0, 5462.0, 5449.0, 5623.0, 5278.0, 5373.0, 5425.0, 5585.0, 5453.0, 5713.0, 5672.0, 5263.0, 5251.0, 5626.0, 5627.0, 5594.0, 5460.0, 5475.0, 5446.0, 5406.0, 5336.0, 5682.0, 5648.0, 5618.0, 5368.0, 5630.0, 5370.0, 5438.0, 5461.0, 5398.0, 5555.0, 5381.0, 5651.0, 5440.0, 5257.0, 5616.0, 5542.0, 5394.0, 5316.0, 5506.0, 5485.0, 5307.0, 5723.0, 5337.0, 5326.0, 5597.0, 5621.0, 5706.0, 5305.0, 5610.0, 5613.0
21	5500	9	1	333	1	5630.0, 5407.0, 5386.0, 5466.0, 5504.0, 5470.0, 5659.0, 5622.0, 5399.0, 5684.0, 5559.0, 5572.0, 5357.0, 5305.0, 5326.0, 5268.0, 5303.0, 5334.0, 5537.0, 5350.0, 5296.0, 5583.0, 5516.0, 5646.0, 5624.0, 5494.0, 5289.0, 5548.0, 5390.0, 5269.0, 5321.0, 5372.0, 5658.0, 5540.0, 5593.0, 5449.0, 5539.0, 5618.0, 5485.0, 5535.0, 5681.0, 5282.0, 5451.0, 5655.0, 5283.0, 5647.0, 5706.0, 5608.0, 5552.0, 5351.0, 5373.0, 5697.0, 5641.0, 5674.0, 5341.0, 5714.0, 5695.0, 5502.0, 5719.0, 5297.0, 5661.0, 5480.0, 5433.0, 5510.0, 5446.0

						5569.0, 5683.0, 5602.0, 5481.0, 5259.0, 5375.0, 5437.0, 5459.0, 5409.0, 5487.0, 5425.0, 5591.0, 5606.0, 5495.0, 5642.0, 5271.0, 5380.0, 5656.0, 5313.0, 5311.0, 5365.0, 5444.0, 5649.0, 5638.0, 5374.0, 5614.0, 5653.0, 5650.0, 5514.0, 5421.0, 5607.0, 5475.0, 5710.0, 5634.0, 5263.0
22	5500	9	1	333	1	5484.0, 5451.0, 5694.0, 5621.0, 5320.0, 5407.0, 5567.0, 5655.0, 5638.0, 5593.0, 5633.0, 5274.0, 5441.0, 5477.0, 5570.0, 5710.0, 5666.0, 5462.0, 5509.0, 5251.0, 5603.0, 5480.0, 5608.0, 5632.0, 5668.0, 5637.0, 5559.0, 5335.0, 5311.0, 5489.0, 5650.0, 5367.0, 5391.0, 5453.0, 5543.0, 5571.0, 5658.0, 5503.0, 5485.0, 5506.0, 5654.0, 5470.0, 5260.0, 5716.0, 5465.0, 5308.0, 5644.0, 5287.0, 5466.0, 5373.0, 5435.0, 5631.0, 5318.0, 5652.0, 5406.0, 5619.0, 5437.0, 5349.0, 5380.0, 5431.0, 5620.0, 5582.0, 5290.0, 5436.0, 5701.0, 5353.0, 5517.0, 5323.0, 5662.0, 5439.0, 5336.0, 5284.0, 5428.0, 5338.0, 5342.0, 5268.0, 5450.0, 5501.0, 5583.0, 5424.0, 5502.0, 5592.0, 5327.0, 5616.0, 5486.0, 5531.0, 5617.0, 5283.0, 5562.0, 5340.0, 5309.0, 5675.0, 5445.0, 5702.0, 5566.0, 5276.0, 5398.0, 5302.0, 5452.0, 5444.0
23	5500	9	1	333	1	5331.0, 5632.0, 5324.0, 5574.0, 5432.0, 5275.0, 5313.0, 5575.0, 5447.0, 5509.0, 5270.0, 5452.0, 5594.0, 5412.0, 5567.0, 5282.0, 5384.0, 5377.0, 5438.0, 5280.0, 5544.0, 5599.0, 5396.0, 5405.0, 5284.0, 5366.0, 5635.0, 5706.0, 5369.0, 5516.0, 5430.0, 5477.0, 5478.0, 5520.0, 5348.0, 5428.0, 5590.0, 5465.0, 5631.0, 5420.0, 5683.0, 5679.0, 5347.0, 5512.0, 5305.0, 5690.0, 5290.0, 5338.0, 5358.0, 5700.0, 5353.0, 5404.0, 5558.0, 5487.0, 5453.0, 5643.0, 5279.0, 5701.0, 5365.0, 5541.0, 5532.0, 5268.0, 5681.0, 5519.0, 5385.0, 5322.0, 5531.0, 5422.0, 5638.0, 5469.0, 5510.0, 5549.0, 5298.0, 5645.0, 5595.0, 5419.0, 5588.0, 5400.0, 5442.0, 5264.0, 5486.0, 5454.0, 5471.0, 5434.0, 5539.0, 5497.0, 5357.0, 5619.0, 5577.0, 5326.0, 5285.0, 5564.0, 5719.0, 5622.0, 5296.0, 5670.0, 5665.0, 5274.0, 5307.0, 5526.0
24	5500	9	1	333	1	5619.0, 5549.0, 5349.0, 5254.0, 5393.0, 5599.0, 5518.0, 5718.0, 5293.0, 5473.0, 5405.0, 5403.0, 5677.0, 5426.0, 5717.0, 5373.0, 5510.0, 5519.0, 5418.0, 5672.0, 5417.0, 5711.0, 5625.0, 5719.0, 5499.0, 5686.0, 5279.0, 5596.0, 5720.0, 5536.0, 5424.0, 5257.0, 5442.0, 5256.0, 5439.0, 5521.0, 5709.0, 5558.0, 5320.0, 5361.0, 5643.0, 5665.0, 5674.0, 5453.0, 5484.0, 5663.0, 5487.0, 5383.0, 5676.0, 5331.0, 5567.0, 5635.0, 5714.0, 5542.0, 5305.0, 5520.0, 5621.0, 5483.0, 5524.0, 5437.0, 5620.0, 5389.0, 5262.0, 5318.0, 5595.0

						5511.0, 5272.0, 5544.0, 5269.0, 5423.0, 5378.0, 5255.0, 5715.0, 5475.0, 5358.0, 5485.0, 5649.0, 5404.0, 5586.0, 5557.0, 5438.0, 5707.0, 5721.0, 5587.0, 5641.0, 5606.0, 5546.0, 5316.0, 5607.0, 5413.0, 5274.0, 5338.0, 5550.0, 5481.0, 5252.0, 5585.0, 5312.0, 5386.0, 5290.0, 5271.0
25	5500	9	1	333	1	5570.0, 5482.0, 5380.0, 5535.0, 5402.0, 5586.0, 5703.0, 5667.0, 5393.0, 5712.0, 5499.0, 5257.0, 5328.0, 5607.0, 5621.0, 5530.0, 5295.0, 5666.0, 5329.0, 5512.0, 5642.0, 5721.0, 5438.0, 5545.0, 5465.0, 5513.0, 5347.0, 5523.0, 5331.0, 5680.0, 5447.0, 5446.0, 5675.0, 5406.0, 5313.0, 5346.0, 5408.0, 5597.0, 5343.0, 5335.0, 5303.0, 5344.0, 5458.0, 5696.0, 5439.0, 5579.0, 5266.0, 5562.0, 5421.0, 5276.0, 5362.0, 5516.0, 5662.0, 5711.0, 5710.0, 5349.0, 5568.0, 5378.0, 5589.0, 5448.0, 5272.0, 5561.0, 5284.0, 5638.0, 5590.0, 5467.0, 5375.0, 5418.0, 5445.0, 5281.0, 5306.0, 5506.0, 5606.0, 5700.0, 5601.0, 5485.0, 5592.0, 5307.0, 5605.0, 5649.0, 5433.0, 5414.0, 5556.0, 5300.0, 5525.0, 5308.0, 5560.0, 5459.0, 5314.0, 5411.0, 5409.0, 5389.0, 5265.0, 5377.0, 5251.0, 5309.0, 5463.0, 5301.0, 5600.0, 5372.0
26	5500	9	1	333	1	5278.0, 5661.0, 5408.0, 5642.0, 5296.0, 5530.0, 5399.0, 5688.0, 5503.0, 5402.0, 5599.0, 5324.0, 5366.0, 5428.0, 5261.0, 5291.0, 5438.0, 5272.0, 5510.0, 5689.0, 5709.0, 5557.0, 5446.0, 5686.0, 5565.0, 5604.0, 5667.0, 5634.0, 5471.0, 5618.0, 5554.0, 5374.0, 5589.0, 5516.0, 5712.0, 5499.0, 5417.0, 5560.0, 5369.0, 5260.0, 5591.0, 5509.0, 5555.0, 5706.0, 5461.0, 5298.0, 5279.0, 5358.0, 5340.0, 5574.0, 5708.0, 5455.0, 5413.0, 5390.0, 5326.0, 5551.0, 5299.0, 5412.0, 5283.0, 5290.0, 5570.0, 5649.0, 5576.0, 5302.0, 5679.0, 5498.0, 5468.0, 5500.0, 5381.0, 5717.0, 5490.0, 5484.0, 5658.0, 5280.0, 5371.0, 5529.0, 5429.0, 5384.0, 5583.0, 5274.0, 5411.0, 5674.0, 5714.0, 5535.0, 5364.0, 5561.0, 5339.0, 5647.0, 5451.0, 5652.0, 5705.0, 5641.0, 5309.0, 5387.0, 5333.0, 5370.0, 5269.0, 5684.0, 5514.0, 5696.0
27	5500	9	1	333	1	5556.0, 5308.0, 5278.0, 5707.0, 5519.0, 5554.0, 5678.0, 5681.0, 5628.0, 5668.0, 5450.0, 5404.0, 5318.0, 5269.0, 5351.0, 5495.0, 5364.0, 5486.0, 5641.0, 5259.0, 5511.0, 5379.0, 5271.0, 5679.0, 5302.0, 5489.0, 5507.0, 5540.0, 5715.0, 5694.0, 5541.0, 5420.0, 5583.0, 5675.0, 5635.0, 5409.0, 5700.0, 5497.0, 5565.0, 5436.0, 5350.0, 5471.0, 5660.0, 5429.0, 5571.0, 5456.0, 5632.0, 5674.0, 5696.0, 5447.0, 5690.0, 5462.0, 5549.0, 5665.0, 5363.0, 5340.0, 5536.0, 5645.0, 5297.0, 5343.0, 5697.0, 5512.0, 5604.0, 5392.0, 5427.0

						5644.0, 5582.0, 5457.0, 5687.0, 5612.0, 5522.0, 5314.0, 5407.0, 5636.0, 5617.0, 5501.0, 5438.0, 5534.0, 5387.0, 5388.0, 5398.0, 5611.0, 5464.0, 5348.0, 5504.0, 5510.0, 5434.0, 5405.0, 5676.0, 5282.0, 5454.0, 5545.0, 5325.0, 5578.0, 5408.0, 5284.0, 5606.0, 5413.0, 5410.0, 5584.0
28	5500	9	1	333	1	5505.0, 5395.0, 5347.0, 5544.0, 5419.0, 5717.0, 5276.0, 5451.0, 5284.0, 5526.0, 5488.0, 5305.0, 5566.0, 5583.0, 5560.0, 5399.0, 5379.0, 5504.0, 5678.0, 5486.0, 5581.0, 5321.0, 5295.0, 5690.0, 5534.0, 5507.0, 5266.0, 5521.0, 5314.0, 5580.0, 5297.0, 5403.0, 5444.0, 5377.0, 5373.0, 5466.0, 5552.0, 5609.0, 5689.0, 5597.0, 5603.0, 5325.0, 5282.0, 5272.0, 5283.0, 5615.0, 5375.0, 5469.0, 5511.0, 5359.0, 5684.0, 5455.0, 5378.0, 5499.0, 5457.0, 5646.0, 5385.0, 5548.0, 5334.0, 5468.0, 5342.0, 5617.0, 5406.0, 5639.0, 5389.0, 5701.0, 5608.0, 5633.0, 5477.0, 5620.0, 5651.0, 5262.0, 5398.0, 5268.0, 5624.0, 5607.0, 5705.0, 5386.0, 5365.0, 5716.0, 5294.0, 5360.0, 5708.0, 5501.0, 5537.0, 5363.0, 5309.0, 5520.0, 5304.0, 5291.0, 5666.0, 5693.0, 5686.0, 5543.0, 5496.0, 5631.0, 5495.0, 5392.0, 5592.0, 5593.0
29	5500	9	1	333	1	5535.0, 5360.0, 5342.0, 5469.0, 5329.0, 5288.0, 5456.0, 5327.0, 5616.0, 5335.0, 5686.0, 5280.0, 5587.0, 5278.0, 5664.0, 5402.0, 5455.0, 5581.0, 5563.0, 5264.0, 5642.0, 5505.0, 5480.0, 5461.0, 5572.0, 5608.0, 5720.0, 5705.0, 5647.0, 5419.0, 5584.0, 5598.0, 5526.0, 5607.0, 5362.0, 5568.0, 5569.0, 5474.0, 5275.0, 5708.0, 5364.0, 5263.0, 5343.0, 5649.0, 5555.0, 5389.0, 5431.0, 5439.0, 5269.0, 5497.0, 5622.0, 5643.0, 5503.0, 5718.0, 5683.0, 5473.0, 5666.0, 5383.0, 5448.0, 5328.0, 5337.0, 5551.0, 5528.0, 5507.0, 5259.0, 5441.0, 5284.0, 5290.0, 5501.0, 5658.0, 5538.0, 5561.0, 5554.0, 5453.0, 5316.0, 5354.0, 5558.0, 5315.0, 5300.0, 5553.0, 5685.0, 5432.0, 5366.0, 5426.0, 5490.0, 5390.0, 5661.0, 5467.0, 5394.0, 5481.0, 5582.0, 5676.0, 5381.0, 5411.0, 5495.0, 5511.0, 5590.0, 5614.0, 5704.0, 5413.0
30	5500	9	1	333	1	5322.0, 5496.0, 5476.0, 5572.0, 5267.0, 5396.0, 5655.0, 5497.0, 5659.0, 5531.0, 5448.0, 5332.0, 5352.0, 5277.0, 5279.0, 5712.0, 5662.0, 5487.0, 5549.0, 5607.0, 5339.0, 5374.0, 5650.0, 5634.0, 5719.0, 5368.0, 5539.0, 5406.0, 5369.0, 5463.0, 5387.0, 5616.0, 5666.0, 5707.0, 5310.0, 5591.0, 5293.0, 5669.0, 5554.0, 5377.0, 5442.0, 5490.0, 5284.0, 5285.0, 5513.0, 5311.0, 5395.0, 5485.0, 5510.0, 5621.0, 5518.0, 5568.0, 5481.0, 5399.0, 5642.0, 5453.0, 5388.0, 5494.0, 5346.0, 5444.0, 5268.0, 5647.0, 5722.0, 5445.0, 5561.0,

						5433.0, 5373.0, 5648.0, 5477.0, 5628.0, 5625.0, 5720.0, 5702.0, 5525.0, 5515.0, 5253.0, 5629.0, 5255.0, 5468.0, 5345.0, 5651.0, 5633.0, 5411.0, 5528.0, 5402.0, 5516.0, 5580.0, 5383.0, 5611.0, 5545.0, 5641.0, 5380.0, 5333.0, 5291.0, 5457.0, 5548.0, 5657.0, 5514.0, 5639.0, 5489.0
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**40MHz**

<b>Radar SignalType</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A</b>	15	100%	60%	pass
<b>Type 1B</b>	15	100%	60%	pass
<b>Type 2</b>	30	100 %	60%	Pass
<b>Type 3</b>	30	100 %	60%	Pass
<b>Type 4</b>	30	93.3 %	60%	Pass
<b>Aggregate(Type1 to 4)</b>	120	98.3 %	80%	Pass
<b>Type 5</b>	30	100 %	80%	Pass
<b>Type 6</b>	30	100 %	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	92	1	578	1
2	5510	70	1	758	1
3	5510	57	1	938	1
4	5510	65	1	818	1
5	5510	78	1	678	1
6	5510	74	1	718	1
7	5510	68	1	778	1
8	5510	58	1	918	1
9	5510	61	1	878	1
10	5510	86	1	618	1
11	5510	99	1	538	1
12	5510	59	1	898	1
13	5510	63	1	838	1
14	5510	83	1	638	1
15	5510	95	1	558	1
Detection Percentage: 100 % (>60%)					

**Radar Type 1B Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5510	55	1	970	1
2	5510	38	1	1411	1
3	5510	19	1	2842	1
4	5510	89	1	595	1
5	5510	18	1	2991	1
6	5510	34	1	1573	1
7	5510	37	1	1463	1
8	5510	51	1	1043	1
9	5510	36	1	1476	1
10	5510	22	1	2432	1
11	5510	38	1	1400	1
12	5510	26	1	2099	1
13	5510	33	1	1645	1
14	5510	25	1	2182	1
15	5510	53	1	1001	1
Detection Percentage: 100 % (>60%)					

**Radar Type 2 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5510	23	1.1	202	1
2	5510	27	3.3	210	1
3	5510	25	1	212	1
4	5510	23	4.7	197	1
5	5510	24	1.9	203	1
6	5510	24	2.4	161	1
7	5510	29	3.7	185	1
8	5510	26	1.1	151	1
9	5510	27	2	155	1
10	5510	24	2.1	199	1
11	5510	25	2.2	209	1
12	5510	27	3.9	209	1
13	5510	24	3.6	181	1
14	5510	25	1	191	1
15	5510	25	3.2	171	1
16	5510	29	1.6	201	1
17	5510	29	2.8	225	1
18	5510	24	2.6	204	1
19	5510	25	4.7	170	1
20	5510	29	4.7	188	1
21	5510	26	2.8	169	1
22	5510	24	4.3	154	1
23	5510	23	4.6	196	1
24	5510	27	3	166	1
25	5510	23	2.8	191	1
26	5510	27	4.8	159	1
27	5510	27	3.8	189	1
28	5510	23	5	178	1
29	5510	28	4.1	193	1
30	5510	28	3.4	167	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 3 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5510	16	9.6	281	1
2	5510	18	7.6	460	1
3	5510	18	8.7	319	1
4	5510	16	7	474	1
5	5510	18	6.6	480	1
6	5510	18	7.3	249	1
7	5510	17	6	249	1
8	5510	18	8.2	439	1
9	5510	18	7.3	233	1
10	5510	17	7.1	345	1
11	5510	16	10	231	1
12	5510	16	8.9	260	1
13	5510	18	7.7	236	1
14	5510	16	9.1	448	1
15	5510	18	7.4	271	1
16	5510	16	7.3	397	1
17	5510	16	9.5	307	1
18	5510	18	7.5	208	1
19	5510	17	9.5	470	1
20	5510	18	6.1	397	1
21	5510	17	6.4	265	1
22	5510	18	8	497	1
23	5510	16	8	226	1
24	5510	17	8.7	442	1
25	5510	18	6.9	390	1
26	5510	16	9.9	455	1
27	5510	17	7	246	1
28	5510	18	8.7	234	1
29	5510	18	9.3	363	1
30	5510	16	7.5	288	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 4 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5510	16	16	291	1
2	5510	12	16.2	473	1
3	5510	16	12.1	364	1
4	5510	16	15	405	1
5	5510	13	12.8	398	1
6	5510	16	11.9	437	1
7	5510	14	17.4	252	0
8	5510	14	14.7	377	1
9	5510	14	18.5	490	1
10	5510	16	15.2	347	1
11	5510	12	11.2	206	1
12	5510	15	17.9	448	1
13	5510	13	12.7	325	0
14	5510	13	11.6	350	1
15	5510	12	14.2	226	1
16	5510	16	13.6	236	1
17	5510	16	11.3	346	1
18	5510	14	13.2	219	1
19	5510	15	19.1	370	1
20	5510	16	15.5	458	1
21	5510	14	14.7	452	1
22	5510	15	11.4	421	1
23	5510	16	19.7	290	1
24	5510	15	16.4	271	1
25	5510	15	19.3	400	1
26	5510	16	12.2	326	1
27	5510	16	12.6	307	1
28	5510	16	15.5	436	1
29	5510	14	19.3	456	1
30	5510	13	12.8	296	1
<b>Detection Percentage: 93.3 % (&gt;60%)</b>					

**Radar Type 5 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	2	12	89.1	1925		0.407292	1
1	2	12	56.7	1692		2.045118	
2	2	12	77.9	1508		3.372548	
3	3	12	51	1392	1921	4.041558	
4	1	12	70.3			5.53258	
5	2	12	57.6	1417		6.926282	
6	3	12	69.1	1203	1622	7.342456	
7	3	12	59.8	1134	1833	8.824477	
8	1	12	57.5			10.771642	
9	1	12	57.4			11.057829	

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	2	11	90.2	1401		0.277586	1
1	2	11	53.8	1091		0.826521	
2	2	11	83.8	1290		1.918759	
3	1	11	73.6			2.649194	
4	1	11	52.5			3.098402	
5	2	11	50.7	1786		3.905743	
6	2	11	84.2	1330		5.220409	
7	3	11	56	1420	1745	5.536232	
8	1	11	96.7			6.65832	
9	2	11	68	1821		7.097241	
10	2	11	93.5	1803		7.70369	
11	2	11	84.2	1353		8.410748	
12	1	11	88.1			9.453985	
13	2	11	56	1832		9.971449	
14	1	11	54			11.079608	
15	2	11	84.5	1466		11.271223	

## 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	13	83.4	1353		0.173775	1
1	2	13	50	1853		1.213466	
2	3	13	51.9	1897	1012	2.622251	
3	3	13	96.6	1898	1455	3.163138	
4	3	13	99.6	1091	1573	4.180522	
5	1	13	78.3			5.341922	
6	2	13	83	1247		6.455858	
7	2	13	86.6	1318		7.208223	
8	3	13	97.5	1207	1401	8.295074	
9	3	13	54.4	1810	1328	9.874523	
10	1	13	61.9			10.137069	
11	2	13	75.7	1689		11.470757	

## 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	1	15	56.2			0.326091	1
1	2	15	84.4	1342		1.112764	
2	1	15	88.8			1.715766	
3	2	15	88.7	1049		2.780608	
4	2	15	64.1	1372		3.715818	
5	2	15	77.9	1690		4.708465	
6	1	15	99.6			5.777971	
7	2	15	78.4	1593		6.645093	
8	2	15	57.4	1286		7.320708	
9	1	15	77.5			8.494171	
10	3	15	91.8	1813	1634	8.837291	
11	3	15	93.4	1153	1997	9.875837	
12	2	15	62.3	1708		10.448749	
13	2	15	50.6	1995		11.356164	

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	7	96.2	1688	1737	0.644943	1
1	3	7	54	1791	1658	1.456423	
2	2	7	97.8	1396		1.883011	
3	1	7	77.9			2.317913	
4	2	7	63.9	1449		3.34501	
5	2	7	74.8	1115		3.944277	
6	2	7	68.2	1032		4.561957	
7	2	7	56.6	1330		5.463424	
8	1	7	66.7			6.508859	
9	2	7	57.7	1019		6.957629	
10	1	7	85.9			7.671522	
11	3	7	87.6	1281	1590	8.261605	
12	2	7	65.3	1634		9.08287	
13	2	7	83.7	1544		9.857687	
14	2	7	78.6	1515		11.058074	
15	2	7	66.5	1117		11.771331	

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	6	97.6	1212		0.060422	1
1	2	6	93.3	1750		1.588247	
2	2	6	81.5	1566		2.10841	
3	2	6	55.3	1744		3.023205	
4	2	6	74.7	1121		4.166129	
5	2	6	81.8	1713		4.323449	
6	3	6	91	1209	1431	5.667181	
7	2	6	50	1121		6.096585	
8	2	6	51.8	1122		7.339542	
9	2	6	63.9	1597		8.518893	
10	3	6	87.7	1024	1134	8.746362	
11	2	6	71.1	1141		9.639048	
12	2	6	66.5	1748		10.940618	
13	3	6	89.2	1022	1616	11.344987	

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	2	6	54	1116		0.698324	1
1	2	6	59	1903		1.278124	
2	2	6	60.1	1395		2.234083	
3	3	6	98.4	1872	1964	2.72966	
4	3	6	94.5	1635	1072	3.577783	
5	3	6	71.1	1660	1188	4.336257	
6	1	6	54.8			5.140144	
7	3	6	89.7	1671	1327	5.682836	
8	1	6	87.8			6.830435	
9	3	6	55.9	1831	1823	7.793845	
10	1	6	69.8			8.301166	
11	3	6	61.9	1722	1378	9.091921	
12	1	6	90.8			10.387556	
13	2	6	54.8	1222		10.414871	
14	1	6	97.1			11.418839	

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	1	10	64.7			0.468425	1
1	1	10	54.3			1.015583	
2	2	10	65.2	1767		2.314212	
3	2	10	95.3	1685		2.467672	
4	1	10	72.7			3.693805	
5	1	10	55			4.722544	
6	3	10	89	1294	1193	5.244678	
7	2	10	92.7	1733		6.312878	
8	2	10	85.2	1145		6.59088	
9	2	10	80.9	1251		7.748093	
10	1	10	63.7			8.680653	
11	1	10	89.9			8.926964	
12	1	10	57.5			9.751422	
13	2	10	50.5	1512		11.180795	
14	2	10	82.3	1641		11.839116	



## 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	1	6	76.9			0.980556	1
1	2	6	62.7	1909		2.310966	
2	3	6	58.1	1168	1300	3.113565	
3	2	6	75.9	1839		5.325517	
4	2	6	87.4	1186		6.160388	
5	1	6	71.5			7.828927	
6	3	6	67.8	1194	1498	9.129614	
7	2	6	94.1	1868		10.191656	
8	3	6	64.6	1038	1782	11.963885	

## Statistics 10 (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	14	60.6	1714		0.06167	1
1	2	14	84.9	1904		1.228834	
2	2	14	69.8	1103		1.36242	
3	2	14	68.7	1726		2.438079	
4	2	14	79.9	1278		3.097833	
5	2	14	60.6	1365		3.657676	
6	2	14	97.6	1570		4.046263	
7	3	14	98.1	1207	1327	4.901794	
8	2	14	80.9	1425		5.537734	
9	1	14	53.3			6.541776	
10	1	14	77.9			7.310971	
11	2	14	66.8	1279		7.417785	
12	2	14	82.2	1584		8.300468	
13	2	14	78.6	1097		8.853976	
14	2	14	78.2	1364		9.577508	
15	1	14	62.2			10.256544	
16	1	14	80.1			11.327058	
17	1	14	63.4			11.451152	

## Statistics 11 (ChirpCenter Frequency: 5500.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width ( $\mu$ S)	Pulse 1-2 spacing( $\mu$ S)	Pulse 2-3 spacing( $\mu$ S)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	20	67.8	1616		0.581607	1
1	2	20	90	1844		1.758686	
2	1	20	53.6			3.47157	
3	1	20	81.3			4.677902	
4	3	20	57.4	1806	1455	5.974001	
5	2	20	87.5	1206		6.924798	
6	2	20	57.9	1292		7.427546	
7	2	20	67.4	1574		9.073982	
8	2	20	95.2	1805		10.157782	
9	1	20	88.5			11.386001	

## Statistics 12 (ChirpCenter Frequency: 5494.0 MHz)

Trial #	Pulse	Chirp(MHz)	Pulse Width ( $\mu$ S)	Pulse 1-2 spacing( $\mu$ S)	Pulse 2-3 spacing( $\mu$ S)	Pulse Start(S)	Detection (1:yes;0:no)
0	2	6	70.1	1870		0.2789	1
1	1	6	92.8			1.26481	
2	2	6	69.4	1552		1.698514	
3	2	6	58.2	1420		2.632686	
4	1	6	75.8			3.03905	
5	1	6	51.5			3.774871	
6	1	6	94.9			4.800984	
7	3	6	95.8	1558	1112	5.284548	
8	2	6	54.9	1022		6.11049	
9	1	6	62.4			6.388149	
10	2	6	98.6	1827		7.358106	
11	2	6	81.3	1217		8.156414	
12	3	6	51.3	1449	1591	8.668968	
13	2	6	89	1243		9.70961	
14	3	6	69.6	1253	1718	10.142738	
15	1	6	96.4			10.860589	
16	2	6	74.6	1375		11.993512	

## Statistics 13 (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	3	7	50.1	1378	1889	0.550959	1
1	3	7	58.7	1594	1948	1.903056	
2	2	7	95.6	1890		2.737174	
3	1	7	77.5			3.327078	
4	3	7	70.3	1161	1465	4.448508	
5	3	7	57.1	1870	1977	6.000977	
6	2	7	87.9	1890		7.369185	
7	1	7	55.3			7.76382	
8	2	7	84.3	1449		9.341588	
9	1	7	55.7			9.819242	
10	1	7	96.9			11.257123	

## Statistics 14 (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	3	16	80.7	1460	1164	0.95297	1
1	3	16	64.7	1297	1137	1.351464	
2	3	16	88.5	1446	1113	2.864255	
3	2	16	66.3	1732		4.662574	
4	2	16	88.4	1099		4.98352	
5	2	16	64.3	1847		6.044126	
6	1	16	82.5			7.472189	
7	1	16	69.1			8.413847	
8	1	16	53.6			10.026743	
9	1	16	91.2			11.647139	

## Statistics 15 (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	2	19	51.9	1770		0.762462	1
1	2	19	51.6	1852		1.167412	
2	2	19	72.9	1297		2.138084	
3	2	19	50.7	1896		2.509227	
4	3	19	74	1927	1130	3.286734	
5	2	19	85.2	1330		4.228201	
6	1	19	79.4			4.816835	
7	2	19	74.2	1387		6.285816	
8	1	19	71.8			6.462481	
9	1	19	77.7			7.897419	
10	2	19	55.4	1844		8.531219	
11	2	19	89.1	1361		8.836489	
12	3	19	99.6	1189	1923	9.976415	
13	3	19	78.1	1757	1949	11.022508	
14	1	19	71.7			11.804844	

## Statistics 16 (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	9	59.1	1675		0.324766	1
1	2	9	72.8	1693		0.793486	
2	2	9	82.2	1325		1.266693	
3	1	9	82.6			2.383423	
4	2	9	82.4	1443		2.649843	
5	2	9	56.6	1281		3.527137	
6	2	9	72.4	1463		4.129163	
7	3	9	67.2	1893	1044	4.51985	
8	2	9	80.4	1735		5.64147	
9	2	9	98.6	1697		5.808778	
10	3	9	58.6	1534	1079	6.709403	
11	2	9	74	1149		7.147255	
12	1	9	94.8			8.094798	
13	2	9	53	1958		8.622175	
14	2	9	65.5	1184		8.967924	
15	1	9	64.4			9.511323	
16	2	9	85.3	1312		10.275717	
17	1	9	99.9			10.824842	
18	2	9	50.3	1842		11.461029	

## Statistics 17 (ChirpCenter Frequency: 5497.0 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	13	50.3	1520		0.577527	1
1	1	13	67.6			1.287165	
2	2	13	88.9	1528		2.569192	
3	2	13	79.6	1988		3.810948	
4	2	13	63.9	1648		4.373486	
5	2	13	54.6	1845		6.515719	
6	2	13	80.9	1661		6.651056	
7	1	13	58.9			8.539183	
8	1	13	51.7			9.624784	
9	3	13	69.6	1688	1452	10.270209	
10	2	13	72.4	1088		11.397985	

## Statistics 18 (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	10	92.5	1939		0.80636	1
1	2	10	93.3	1537		1.088448	
2	2	10	66.9	1833		2.561981	
3	3	10	58.4	1763	1401	3.501791	
4	1	10	98.8			3.903234	
5	3	10	78.8	1038	1998	5.276714	
6	2	10	87.1	1872		6.108993	
7	3	10	68	1015	1031	6.676727	
8	2	10	58.6	1002		7.837913	
9	2	10	95.2	1488		8.51864	
10	2	10	80.3	1373		9.331111	
11	2	10	54.6	1738		10.303864	
12	1	10	68.3			11.111948	

## Statistics 19 (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	11	99.7	1142		0.983401	1
1	2	11	96.4	1788		1.960156	
2	2	11	60.8	1562		2.73988	
3	2	11	78.4	1026		3.202663	
4	2	11	59.7	1896		4.907932	
5	2	11	75.9	1783		5.240742	
6	2	11	84.2	1791		6.063302	
7	2	11	55	1812		7.3011	
8	2	11	78.8	1155		8.611625	
9	2	11	94.5	1826		9.252266	
10	3	11	66.7	1731	1563	10.017861	
11	3	11	65.8	1943	1655	11.761831	

## Statistics 20 (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	3	8	83.5	1279	1291	1.02663	1
1	2	8	78.2	1832		1.958788	
2	2	8	92.2	1659		3.726956	
3	1	8	79.7			5.244678	
4	2	8	52	1854		6.607367	
5	2	8	62.3	1869		7.945592	
6	3	8	65.3	1567	1075	8.776578	
7	1	8	91.2			9.673939	
8	3	8	65.1	1851	1254	11.770542	

## Statistics 21 (ChirpCenter Frequency: 5520.0 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	88.8	1794		0.267919	1
1	3	19	80.8	1371	1978	0.806381	
2	3	19	66.1	1271	1098	1.818033	
3	1	19	98.9			2.80045	
4	1	19	61			3.875186	
5	3	19	94.7	1238	1815	4.421785	
6	2	19	83	1377		5.100395	
7	3	19	69.1	1454	1456	5.881233	
8	3	19	73.6	1346	1829	6.642624	
9	1	19	76.3			7.325029	
10	1	19	87.5			8.273868	
11	2	19	72.2	1142		9.395843	
12	3	19	72.9	1324	1402	10.225418	
13	2	19	93.1	1812		11.185994	
14	3	19	70.5	1412	1781	11.91093	

## Statistics 22 (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	1	6	88.5			0.324457	1
1	2	6	64	1446		1.36587	
2	1	6	91.8			1.657842	
3	2	6	73.1	1291		2.364701	
4	1	6	60.7			3.209444	
5	3	6	74.5	1040	1243	4.084774	
6	3	6	82.1	1788	1279	4.65145	
7	1	6	70.6			5.639986	
8	3	6	56.4	1874	1602	6.250516	
9	1	6	61.6			6.763855	
10	2	6	72.7	1758		7.646904	
11	2	6	87.6	1660		7.840623	
12	1	6	58			8.960157	
13	3	6	59.5	1336	1388	9.483045	
14	2	6	76	1530		10.482871	
15	1	6	94.5			10.598812	
16	1	6	70.6			11.614338	

## Statistics 23 (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	7	76.2	1281		0.393328	1
1	3	7	62.9	1787	1008	2.350076	
2	2	7	75.6	1176		3.318361	
3	3	7	84.4	1713	1330	4.74634	
4	3	7	57.9	1585	1910	5.774348	
5	2	7	96.3	1617		6.117617	
6	1	7	55.9			7.263722	
7	1	7	72.5			9.402321	
8	3	7	55.5	1840	1111	9.925004	
9	2	7	86.6	1703		11.521091	

## Statistics 24 (ChirpCenter Frequency: 5522.0 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	53.9			0.141882	1
1	2	15	99	1541		1.021387	
2	3	15	88.9	1660	1050	2.501614	
3	2	15	89.1	1927		3.447321	
4	1	15	52.5			4.254612	
5	3	15	93.2	1505	1945	5.403696	
6	1	15	91.2			5.71029	
7	2	15	53.6	1051		7.188338	
8	2	15	50.6	1271		8.244907	
9	2	15	95	1432		8.931778	
10	3	15	70.4	1714	1514	9.601222	
11	2	15	70.7	1074		10.222316	
12	1	15	64			11.923336	



## Statistics 25 (ChirpCenter Frequency: 5521.0 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	17	82.9			0.081857	1
1	2	17	56.6	1235		1.292021	
2	2	17	57.6	1972		2.759069	
3	3	17	72.4	1061	1584	3.398028	
4	2	17	86.1	1154		5.001012	
5	3	17	97.1	1481	1561	5.769996	
6	2	17	62.1	1714		7.367663	
7	2	17	83.8	1104		7.67644	
8	2	17	58.8	1232		8.826577	
9	2	17	73.8	1485		10.62198	
10	2	17	86.1	1628		11.207824	

## Statistics 26 (ChirpCenter Frequency: 5523.0 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	88.6	1281	1050	0.323482	1
1	2	13	99.7	1548		1.129974	
2	2	13	76.7	1351		2.478456	
3	3	13	74.9	1056	1468	3.304618	
4	2	13	78.9	1472		4.569389	
5	1	13	60.2			4.745841	
6	3	13	96.8	1404	1390	5.621683	
7	2	13	94.7	1597		6.930837	
8	3	13	50.5	1904	1507	7.969999	
9	2	13	78.9	1750		8.339806	
10	3	13	78.2	1622	1078	9.303741	
11	1	13	52			10.96391	
12	2	13	92.6	1220		11.865967	

Statistics 27 (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	1	11	59			0.294972	1
1	1	11	51.3			1.321661	
2	2	11	97.8	1472		2.192777	
3	2	11	81.6	1834		3.017667	
4	2	11	78.4	1688		4.28408	
5	1	11	97.1			5.676004	
6	3	11	94.9	1066	1751	6.555486	
7	2	11	84.3	1318		7.320665	
8	2	11	51.4	1906		8.139537	
9	2	11	78.9	1641		9.432242	
10	2	11	73.9	1123		10.24602	
11	2	11	56.8	1548		11.056867	

Statistics 28 (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	8	60.4	1454		0.09118	1
1	1	8	90.8			0.696239	
2	2	8	55.1	1012		1.514304	
3	3	8	75.6	1247	1609	2.100178	
4	2	8	67.9	1258		2.46517	
5	1	8	92.4			3.197115	
6	3	8	87.6	1638	1675	3.988738	
7	1	8	94.9			4.303809	
8	2	8	66.8	1766		4.817576	
9	2	8	53.4	1069		5.422025	
10	1	8	58.2			6.506032	
11	2	8	67.7	1944		6.619166	
12	2	8	64.3	1268		7.648404	
13	1	8	80.9			7.902538	
14	2	8	54	1781		8.626146	
15	2	8	50.8	1711		9.495344	
16	3	8	90.6	1921	1073	9.656703	
17	2	8	71.2	1771		10.383412	
18	2	8	79.6	1097		11.206969	
19	3	8	97.4	1287	1462	11.671106	

## Statistics 29 (ChirpCenter Frequency: 5522.0 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	1481		0.512424	1
1	3	16	53.8	1064	1354	0.97375	
2	2	16	63.3	1282		2.025288	
3	1	16	73.3			2.432445	
4	2	16	87.3	1292		3.470923	
5	2	16	71.1	1556		3.993664	
6	2	16	79.7	1580		5.077972	
7	1	16	99.9			5.747662	
8	3	16	51.4	1649	1514	6.568354	
9	3	16	84.6	1744	1675	6.778966	
10	2	16	78.3	1408		7.634831	
11	2	16	62.1	1169		8.357263	
12	2	16	88.7	1058		9.005557	
13	1	16	82.2			9.840949	
14	2	16	79.4	1996		10.704629	
15	1	16	65.4			11.747164	

## Statistics 30 (ChirpCenter Frequency: 5521.0 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	53.6	1773		0.328496	1
1	2	17	66.7	1766		0.960431	
2	1	17	66.2			1.751832	
3	2	17	76.7	1701		2.374718	
4	2	17	88.8	1670		3.189797	
5	2	17	50.9	1360		3.56164	
6	3	17	69.6	1294	1309	4.168546	
7	1	17	73			4.774913	
8	2	17	90.1	1722		5.684303	
9	2	17	70.9	1939		6.270829	
10	2	17	66.4	1379		6.90862	
11	1	17	63.4			7.584657	
12	1	17	86			8.448695	
13	2	17	83.4	1008		9.280487	
14	1	17	67			9.347601	
15	2	17	58.5	1985		10.440237	
16	2	17	78.1	1305		11.129646	
17	2	17	58.4	1687		11.838086	

**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	5555.0, 5273.0, 5323.0, 5342.0, 5383.0, 5628.0, 5278.0, 5372.0, 5433.0, 5350.0, 5531.0, 5562.0, 5588.0, 5660.0, 5380.0, 5371.0, 5517.0, 5407.0, 5530.0, 5664.0, 5405.0, 5310.0, 5624.0, 5667.0, 5391.0, 5450.0, 5591.0, 5626.0, 5583.0, 5550.0, 5415.0, 5690.0, 5578.0, 5579.0, 5357.0, 5585.0, 5469.0, 5496.0, 5589.0, 5283.0, 5616.0, 5622.0, 5515.0, 5516.0, 5547.0, 5672.0, 5522.0, 5514.0, 5561.0, 5401.0, 5393.0, 5582.0, 5259.0, 5493.0, 5560.0, 5431.0, 5492.0, 5459.0, 5326.0, 5281.0, 5309.0, 5284.0, 5379.0, 5402.0, 5290.0, 5633.0, 5438.0, 5354.0, 5695.0, 5546.0, 5661.0, 5634.0, 5268.0, 5719.0, 5485.0, 5300.0, 5456.0, 5689.0, 5411.0, 5387.0, 5312.0, 5632.0, 5295.0, 5554.0, 5503.0, 5414.0, 5360.0, 5440.0, 5513.0, 5507.0, 5434.0, 5449.0, 5564.0, 5520.0, 5409.0, 5334.0, 5398.0, 5364.0, 5677.0, 5451.0
2	5510	9	1	333	1	5348.0, 5707.0, 5658.0, 5633.0, 5272.0, 5586.0, 5412.0, 5587.0, 5540.0, 5511.0, 5256.0, 5353.0, 5505.0, 5659.0, 5443.0, 5602.0, 5429.0, 5370.0, 5416.0, 5690.0, 5590.0, 5369.0, 5473.0, 5623.0, 5464.0, 5684.0, 5435.0, 5463.0, 5456.0, 5345.0, 5626.0, 5268.0, 5312.0, 5450.0, 5499.0, 5501.0, 5635.0, 5446.0, 5289.0, 5634.0, 5262.0, 5270.0, 5432.0, 5714.0, 5546.0, 5601.0, 5504.0, 5643.0, 5722.0, 5621.0, 5378.0, 5301.0, 5558.0, 5594.0, 5281.0, 5585.0, 5644.0, 5666.0, 5569.0, 5542.0, 5296.0, 5697.0, 5552.0, 5639.0, 5278.0, 5646.0, 5491.0, 5548.0, 5713.0, 5559.0, 5391.0, 5330.0, 5372.0, 5591.0, 5418.0, 5439.0, 5383.0, 5489.0, 5377.0, 5532.0, 5605.0, 5556.0, 5555.0, 5698.0, 5662.0, 5696.0, 5273.0, 5294.0, 5304.0, 5455.0, 5302.0, 5425.0, 5288.0, 5482.0, 5421.0, 5342.0, 5523.0, 5358.0, 5628.0, 5522.0
3	5510	9	1	333	1	5397.0, 5692.0, 5639.0, 5626.0, 5422.0, 5691.0, 5266.0, 5460.0, 5513.0, 5635.0, 5544.0, 5690.0, 5335.0, 5351.0, 5693.0, 5682.0, 5574.0, 5393.0, 5597.0, 5429.0, 5287.0, 5582.0, 5338.0, 5254.0, 5614.0, 5556.0, 5675.0, 5559.0, 5542.0, 5522.0, 5400.0, 5283.0, 5486.0, 5519.0, 5307.0, 5304.0, 5602.0, 5595.0, 5674.0, 5250.0, 5403.0, 5659.0, 5280.0, 5585.0, 5697.0, 5290.0, 5548.0, 5300.0, 5546.0, 5649.0, 5503.0, 5354.0, 5475.0, 5322.0, 5665.0, 5301.0, 5289.0, 5655.0, 5431.0, 5637.0, 5560.0, 5318.0, 5526.0, 5504.0, 5527.0

						5394.0, 5387.0, 5449.0, 5530.0, 5534.0, 5473.0, 5378.0, 5355.0, 5343.0, 5589.0, 5462.0, 5667.0, 5480.0, 5461.0, 5552.0, 5372.0, 5553.0, 5581.0, 5494.0, 5424.0, 5604.0, 5453.0, 5633.0, 5314.0, 5281.0, 5296.0, 5408.0, 5476.0, 5418.0, 5648.0, 5537.0, 5679.0, 5698.0, 5673.0, 5714.0
4	5510	9	1	333	1	5526.0, 5301.0, 5598.0, 5361.0, 5256.0, 5612.0, 5562.0, 5487.0, 5292.0, 5540.0, 5539.0, 5660.0, 5473.0, 5538.0, 5352.0, 5654.0, 5684.0, 5363.0, 5291.0, 5641.0, 5707.0, 5347.0, 5553.0, 5324.0, 5524.0, 5412.0, 5321.0, 5460.0, 5629.0, 5422.0, 5513.0, 5405.0, 5635.0, 5359.0, 5523.0, 5672.0, 5718.0, 5594.0, 5522.0, 5659.0, 5520.0, 5644.0, 5643.0, 5561.0, 5313.0, 5261.0, 5607.0, 5436.0, 5419.0, 5710.0, 5709.0, 5533.0, 5273.0, 5468.0, 5349.0, 5300.0, 5586.0, 5663.0, 5573.0, 5389.0, 5262.0, 5511.0, 5329.0, 5720.0, 5596.0, 5703.0, 5622.0, 5699.0, 5458.0, 5722.0, 5621.0, 5276.0, 5714.0, 5567.0, 5532.0, 5394.0, 5336.0, 5514.0, 5385.0, 5357.0, 5525.0, 5541.0, 5260.0, 5484.0, 5500.0, 5530.0, 5681.0, 5600.0, 5638.0, 5373.0, 5283.0, 5290.0, 5603.0, 5435.0, 5320.0, 5443.0, 5507.0, 5265.0, 5682.0, 5566.0
5	5510	9	1	333	1	5542.0, 5338.0, 5612.0, 5572.0, 5505.0, 5284.0, 5493.0, 5346.0, 5577.0, 5543.0, 5289.0, 5633.0, 5535.0, 5540.0, 5328.0, 5449.0, 5280.0, 5451.0, 5643.0, 5599.0, 5523.0, 5473.0, 5281.0, 5279.0, 5384.0, 5578.0, 5263.0, 5514.0, 5686.0, 5318.0, 5580.0, 5325.0, 5475.0, 5350.0, 5496.0, 5541.0, 5620.0, 5534.0, 5722.0, 5471.0, 5456.0, 5291.0, 5380.0, 5591.0, 5583.0, 5404.0, 5365.0, 5547.0, 5482.0, 5553.0, 5488.0, 5446.0, 5645.0, 5679.0, 5661.0, 5571.0, 5696.0, 5285.0, 5520.0, 5474.0, 5545.0, 5625.0, 5485.0, 5563.0, 5711.0, 5329.0, 5695.0, 5429.0, 5390.0, 5303.0, 5589.0, 5427.0, 5609.0, 5616.0, 5592.0, 5610.0, 5292.0, 5278.0, 5664.0, 5502.0, 5423.0, 5334.0, 5481.0, 5479.0, 5710.0, 5405.0, 5324.0, 5646.0, 5501.0, 5575.0, 5548.0, 5299.0, 5414.0, 5402.0, 5709.0, 5526.0, 5489.0, 5611.0, 5719.0, 5640.0
6	5510	9	1	333	1	5305.0, 5370.0, 5443.0, 5414.0, 5630.0, 5693.0, 5602.0, 5427.0, 5352.0, 5280.0, 5687.0, 5471.0, 5528.0, 5274.0, 5361.0, 5488.0, 5336.0, 5453.0, 5591.0, 5363.0, 5601.0, 5515.0, 5607.0, 5578.0, 5594.0, 5435.0, 5664.0, 5675.0, 5586.0, 5702.0, 5499.0, 5612.0, 5529.0, 5536.0, 5622.0, 5295.0, 5519.0, 5354.0, 5635.0, 5349.0, 5332.0, 5618.0, 5544.0, 5548.0, 5722.0, 5273.0, 5665.0, 5639.0, 5514.0, 5290.0, 5256.0, 5634.0, 5661.0, 5286.0, 5258.0, 5677.0, 5705.0, 5523.0, 5647.0, 5674.0, 5481.0, 5709.0, 5557.0, 5512.0, 5337.0

						5658.0, 5587.0, 5476.0, 5300.0, 5577.0, 5264.0, 5708.0, 5560.0, 5292.0, 5668.0, 5507.0, 5360.0, 5311.0, 5433.0, 5355.0, 5549.0, 5573.0, 5365.0, 5366.0, 5333.0, 5394.0, 5432.0, 5700.0, 5281.0, 5611.0, 5590.0, 5303.0, 5296.0, 5346.0, 5684.0, 5593.0, 5609.0, 5718.0, 5513.0, 5721.0
7	5510	9	1	333	1	5326.0, 5655.0, 5418.0, 5308.0, 5538.0, 5278.0, 5594.0, 5631.0, 5294.0, 5558.0, 5656.0, 5709.0, 5716.0, 5534.0, 5556.0, 5530.0, 5323.0, 5519.0, 5713.0, 5628.0, 5553.0, 5300.0, 5443.0, 5472.0, 5637.0, 5613.0, 5463.0, 5585.0, 5439.0, 5657.0, 5583.0, 5405.0, 5444.0, 5522.0, 5296.0, 5487.0, 5295.0, 5577.0, 5362.0, 5720.0, 5568.0, 5573.0, 5376.0, 5252.0, 5335.0, 5365.0, 5595.0, 5263.0, 5560.0, 5337.0, 5683.0, 5370.0, 5357.0, 5441.0, 5629.0, 5468.0, 5402.0, 5502.0, 5549.0, 5699.0, 5433.0, 5667.0, 5590.0, 5591.0, 5293.0, 5264.0, 5388.0, 5469.0, 5722.0, 5317.0, 5704.0, 5274.0, 5466.0, 5610.0, 5421.0, 5329.0, 5355.0, 5328.0, 5602.0, 5250.0, 5307.0, 5389.0, 5360.0, 5651.0, 5599.0, 5679.0, 5273.0, 5428.0, 5313.0, 5339.0, 5320.0, 5658.0, 5470.0, 5483.0, 5406.0, 5315.0, 5529.0, 5474.0, 5427.0, 5554.0
8	5510	9	1	333	1	5690.0, 5521.0, 5660.0, 5266.0, 5574.0, 5616.0, 5321.0, 5422.0, 5723.0, 5608.0, 5273.0, 5482.0, 5450.0, 5640.0, 5342.0, 5293.0, 5498.0, 5444.0, 5647.0, 5611.0, 5309.0, 5449.0, 5351.0, 5255.0, 5555.0, 5494.0, 5341.0, 5262.0, 5635.0, 5525.0, 5568.0, 5705.0, 5588.0, 5606.0, 5541.0, 5364.0, 5646.0, 5700.0, 5619.0, 5269.0, 5392.0, 5537.0, 5279.0, 5517.0, 5343.0, 5320.0, 5506.0, 5638.0, 5396.0, 5377.0, 5543.0, 5257.0, 5339.0, 5676.0, 5371.0, 5421.0, 5557.0, 5524.0, 5533.0, 5282.0, 5454.0, 5553.0, 5692.0, 5668.0, 5644.0, 5719.0, 5587.0, 5276.0, 5362.0, 5667.0, 5349.0, 5613.0, 5586.0, 5376.0, 5527.0, 5285.0, 5641.0, 5326.0, 5623.0, 5334.0, 5596.0, 5559.0, 5404.0, 5716.0, 5657.0, 5600.0, 5252.0, 5516.0, 5275.0, 5523.0, 5674.0, 5564.0, 5352.0, 5549.0, 5265.0, 5637.0, 5615.0, 5678.0, 5456.0, 5706.0
9	5510	9	1	333	1	5505.0, 5464.0, 5610.0, 5611.0, 5326.0, 5503.0, 5318.0, 5590.0, 5629.0, 5371.0, 5434.0, 5351.0, 5531.0, 5342.0, 5298.0, 5375.0, 5568.0, 5498.0, 5398.0, 5492.0, 5316.0, 5650.0, 5718.0, 5559.0, 5252.0, 5702.0, 5432.0, 5352.0, 5532.0, 5451.0, 5301.0, 5277.0, 5390.0, 5376.0, 5654.0, 5255.0, 5538.0, 5336.0, 5487.0, 5585.0, 5377.0, 5662.0, 5659.0, 5533.0, 5465.0, 5501.0, 5637.0, 5382.0, 5285.0, 5480.0, 5363.0, 5717.0, 5293.0, 5706.0, 5372.0, 5678.0, 5692.0, 5558.0, 5407.0, 5639.0, 5609.0, 5262.0, 5276.0, 5535.0, 5648.0

						5586.0, 5698.0, 5474.0, 5403.0, 5655.0, 5602.0, 5524.0, 5469.0, 5661.0, 5693.0, 5329.0, 5478.0, 5540.0, 5689.0, 5401.0, 5386.0, 5679.0, 5402.0, 5484.0, 5525.0, 5284.0, 5296.0, 5281.0, 5450.0, 5444.0, 5515.0, 5646.0, 5429.0, 5340.0, 5366.0, 5620.0, 5440.0, 5529.0, 5697.0, 5257.0
10	5510	9	1	333	1	5616.0, 5443.0, 5536.0, 5250.0, 5386.0, 5656.0, 5699.0, 5305.0, 5483.0, 5256.0, 5530.0, 5674.0, 5572.0, 5427.0, 5585.0, 5374.0, 5448.0, 5316.0, 5574.0, 5629.0, 5566.0, 5571.0, 5647.0, 5263.0, 5300.0, 5511.0, 5580.0, 5635.0, 5667.0, 5370.0, 5467.0, 5553.0, 5335.0, 5641.0, 5358.0, 5688.0, 5526.0, 5393.0, 5458.0, 5399.0, 5597.0, 5549.0, 5567.0, 5592.0, 5701.0, 5353.0, 5311.0, 5601.0, 5598.0, 5582.0, 5372.0, 5578.0, 5704.0, 5612.0, 5287.0, 5432.0, 5429.0, 5406.0, 5290.0, 5689.0, 5472.0, 5685.0, 5535.0, 5321.0, 5604.0, 5591.0, 5394.0, 5272.0, 5569.0, 5559.0, 5294.0, 5697.0, 5324.0, 5603.0, 5531.0, 5659.0, 5361.0, 5556.0, 5624.0, 5712.0, 5381.0, 5586.0, 5445.0, 5573.0, 5476.0, 5392.0, 5384.0, 5651.0, 5512.0, 5504.0, 5634.0, 5269.0, 5594.0, 5577.0, 5383.0, 5409.0, 5336.0, 5519.0, 5510.0, 5296.0
11	5510	9	1	333	1	5276.0, 5661.0, 5623.0, 5698.0, 5277.0, 5360.0, 5479.0, 5484.0, 5388.0, 5629.0, 5483.0, 5407.0, 5272.0, 5326.0, 5448.0, 5454.0, 5538.0, 5340.0, 5399.0, 5679.0, 5608.0, 5580.0, 5720.0, 5420.0, 5349.0, 5290.0, 5291.0, 5621.0, 5352.0, 5714.0, 5489.0, 5380.0, 5321.0, 5686.0, 5316.0, 5411.0, 5317.0, 5294.0, 5612.0, 5477.0, 5649.0, 5433.0, 5359.0, 5341.0, 5534.0, 5626.0, 5351.0, 5356.0, 5563.0, 5315.0, 5263.0, 5651.0, 5302.0, 5648.0, 5333.0, 5625.0, 5713.0, 5345.0, 5701.0, 5275.0, 5389.0, 5457.0, 5409.0, 5262.0, 5575.0, 5666.0, 5636.0, 5430.0, 5595.0, 5325.0, 5576.0, 5368.0, 5696.0, 5635.0, 5478.0, 5288.0, 5482.0, 5296.0, 5611.0, 5293.0, 5390.0, 5396.0, 5632.0, 5264.0, 5372.0, 5569.0, 5541.0, 5572.0, 5441.0, 5567.0, 5446.0, 5354.0, 5605.0, 5413.0, 5287.0, 5660.0, 5273.0, 5267.0, 5412.0, 5505.0
12	5510	9	1	333	1	5355.0, 5567.0, 5707.0, 5582.0, 5409.0, 5556.0, 5493.0, 5316.0, 5697.0, 5394.0, 5532.0, 5442.0, 5310.0, 5608.0, 5304.0, 5288.0, 5701.0, 5317.0, 5547.0, 5412.0, 5721.0, 5362.0, 5302.0, 5528.0, 5671.0, 5642.0, 5481.0, 5422.0, 5315.0, 5419.0, 5376.0, 5334.0, 5604.0, 5590.0, 5325.0, 5406.0, 5628.0, 5417.0, 5414.0, 5552.0, 5276.0, 5665.0, 5675.0, 5705.0, 5501.0, 5338.0, 5425.0, 5273.0, 5340.0, 5679.0, 5502.0, 5710.0, 5622.0, 5689.0, 5694.0, 5448.0, 5352.0, 5695.0, 5684.0, 5319.0, 5672.0, 5609.0, 5664.0, 5368.0, 5392.0

						5614.0, 5691.0, 5577.0, 5515.0, 5676.0, 5588.0, 5314.0, 5475.0, 5698.0, 5396.0, 5509.0, 5514.0, 5322.0, 5479.0, 5621.0, 5549.0, 5651.0, 5430.0, 5297.0, 5607.0, 5600.0, 5703.0, 5562.0, 5635.0, 5598.0, 5292.0, 5321.0, 5453.0, 5497.0, 5295.0, 5303.0, 5579.0, 5270.0, 5536.0, 5496.0
13	5510	9	1	333	1	5648.0, 5541.0, 5612.0, 5469.0, 5391.0, 5502.0, 5301.0, 5297.0, 5630.0, 5574.0, 5720.0, 5714.0, 5435.0, 5324.0, 5309.0, 5476.0, 5275.0, 5510.0, 5601.0, 5477.0, 5654.0, 5292.0, 5404.0, 5342.0, 5330.0, 5560.0, 5377.0, 5592.0, 5339.0, 5450.0, 5523.0, 5641.0, 5388.0, 5488.0, 5670.0, 5281.0, 5709.0, 5694.0, 5501.0, 5278.0, 5256.0, 5664.0, 5415.0, 5420.0, 5489.0, 5396.0, 5716.0, 5313.0, 5357.0, 5613.0, 5511.0, 5618.0, 5375.0, 5540.0, 5461.0, 5294.0, 5308.0, 5387.0, 5374.0, 5472.0, 5667.0, 5484.0, 5426.0, 5367.0, 5691.0, 5345.0, 5690.0, 5459.0, 5485.0, 5544.0, 5277.0, 5359.0, 5474.0, 5566.0, 5537.0, 5646.0, 5272.0, 5598.0, 5338.0, 5433.0, 5395.0, 5482.0, 5255.0, 5707.0, 5500.0, 5449.0, 5593.0, 5680.0, 5509.0, 5412.0, 5327.0, 5312.0, 5260.0, 5463.0, 5531.0, 5361.0, 5458.0, 5471.0, 5422.0, 5279.0
14	5510	9	1	333	1	5593.0, 5375.0, 5264.0, 5474.0, 5657.0, 5642.0, 5285.0, 5277.0, 5287.0, 5413.0, 5628.0, 5520.0, 5560.0, 5719.0, 5511.0, 5509.0, 5488.0, 5617.0, 5443.0, 5445.0, 5294.0, 5591.0, 5365.0, 5692.0, 5435.0, 5362.0, 5339.0, 5384.0, 5670.0, 5703.0, 5709.0, 5416.0, 5527.0, 5286.0, 5386.0, 5324.0, 5481.0, 5410.0, 5346.0, 5358.0, 5276.0, 5332.0, 5607.0, 5427.0, 5440.0, 5718.0, 5605.0, 5679.0, 5271.0, 5627.0, 5566.0, 5589.0, 5282.0, 5392.0, 5715.0, 5683.0, 5463.0, 5367.0, 5490.0, 5517.0, 5412.0, 5720.0, 5374.0, 5525.0, 5315.0, 5685.0, 5526.0, 5273.0, 5671.0, 5278.0, 5379.0, 5485.0, 5554.0, 5638.0, 5354.0, 5669.0, 5687.0, 5341.0, 5633.0, 5603.0, 5555.0, 5723.0, 5301.0, 5419.0, 5307.0, 5284.0, 5547.0, 5577.0, 5290.0, 5706.0, 5682.0, 5369.0, 5624.0, 5350.0, 5665.0, 5267.0, 5371.0, 5387.0, 5614.0, 5461.0
15	5510	9	1	333	1	5456.0, 5601.0, 5363.0, 5264.0, 5317.0, 5373.0, 5532.0, 5696.0, 5710.0, 5280.0, 5635.0, 5345.0, 5558.0, 5426.0, 5281.0, 5595.0, 5613.0, 5690.0, 5537.0, 5681.0, 5622.0, 5430.0, 5542.0, 5369.0, 5512.0, 5544.0, 5517.0, 5428.0, 5530.0, 5520.0, 5663.0, 5561.0, 5693.0, 5285.0, 5721.0, 5536.0, 5555.0, 5480.0, 5367.0, 5508.0, 5651.0, 5608.0, 5278.0, 5337.0, 5434.0, 5495.0, 5497.0, 5546.0, 5669.0, 5687.0, 5254.0, 5432.0, 5499.0, 5491.0, 5571.0, 5626.0, 5647.0, 5640.0, 5717.0, 5349.0, 5407.0, 5568.0, 5436.0, 5617.0, 5700.0



						5636.0, 5683.0, 5316.0, 5453.0, 5389.0, 5553.0, 5500.0, 5470.0, 5698.0, 5545.0, 5336.0, 5509.0, 5266.0, 5602.0, 5653.0, 5413.0, 5262.0, 5660.0, 5475.0, 5360.0, 5292.0, 5644.0, 5714.0, 5505.0, 5410.0, 5538.0, 5699.0, 5447.0, 5587.0, 5522.0, 5641.0, 5477.0, 5576.0, 5250.0, 5406.0
16	5510	9	1	333	1	5303.0, 5345.0, 5508.0, 5365.0, 5719.0, 5632.0, 5445.0, 5658.0, 5577.0, 5298.0, 5292.0, 5662.0, 5481.0, 5682.0, 5374.0, 5615.0, 5390.0, 5279.0, 5353.0, 5310.0, 5562.0, 5640.0, 5541.0, 5322.0, 5512.0, 5676.0, 5306.0, 5706.0, 5362.0, 5428.0, 5338.0, 5519.0, 5485.0, 5652.0, 5335.0, 5498.0, 5626.0, 5663.0, 5570.0, 5373.0, 5452.0, 5465.0, 5490.0, 5578.0, 5708.0, 5703.0, 5507.0, 5710.0, 5634.0, 5323.0, 5580.0, 5409.0, 5282.0, 5295.0, 5613.0, 5606.0, 5724.0, 5537.0, 5396.0, 5468.0, 5569.0, 5482.0, 5602.0, 5574.0, 5406.0, 5648.0, 5690.0, 5689.0, 5494.0, 5470.0, 5386.0, 5462.0, 5294.0, 5327.0, 5509.0, 5329.0, 5692.0, 5453.0, 5539.0, 5695.0, 5638.0, 5268.0, 5332.0, 5660.0, 5619.0, 5358.0, 5665.0, 5352.0, 5435.0, 5258.0, 5661.0, 5350.0, 5646.0, 5347.0, 5376.0, 5368.0, 5397.0, 5469.0, 5635.0, 5688.0
17	5510	9	1	333	1	5354.0, 5495.0, 5494.0, 5277.0, 5445.0, 5572.0, 5362.0, 5627.0, 5619.0, 5616.0, 5306.0, 5350.0, 5342.0, 5575.0, 5463.0, 5433.0, 5569.0, 5379.0, 5359.0, 5288.0, 5668.0, 5718.0, 5497.0, 5536.0, 5665.0, 5273.0, 5305.0, 5294.0, 5614.0, 5409.0, 5506.0, 5447.0, 5517.0, 5709.0, 5470.0, 5310.0, 5348.0, 5452.0, 5617.0, 5258.0, 5426.0, 5281.0, 5693.0, 5521.0, 5626.0, 5251.0, 5594.0, 5363.0, 5337.0, 5563.0, 5422.0, 5330.0, 5598.0, 5673.0, 5643.0, 5586.0, 5555.0, 5511.0, 5540.0, 5287.0, 5538.0, 5307.0, 5532.0, 5388.0, 5672.0, 5667.0, 5530.0, 5465.0, 5654.0, 5640.0, 5691.0, 5543.0, 5303.0, 5369.0, 5588.0, 5456.0, 5392.0, 5702.0, 5318.0, 5715.0, 5297.0, 5552.0, 5639.0, 5428.0, 5290.0, 5455.0, 5461.0, 5649.0, 5613.0, 5440.0, 5404.0, 5713.0, 5320.0, 5493.0, 5551.0, 5545.0, 5525.0, 5473.0, 5408.0, 5403.0
18	5510	9	1	333	1	5463.0, 5697.0, 5700.0, 5507.0, 5531.0, 5625.0, 5409.0, 5583.0, 5696.0, 5362.0, 5402.0, 5336.0, 5703.0, 5378.0, 5426.0, 5454.0, 5414.0, 5478.0, 5494.0, 5462.0, 5683.0, 5645.0, 5579.0, 5709.0, 5682.0, 5654.0, 5254.0, 5301.0, 5566.0, 5403.0, 5694.0, 5664.0, 5638.0, 5643.0, 5574.0, 5590.0, 5541.0, 5607.0, 5421.0, 5447.0, 5627.0, 5339.0, 5277.0, 5624.0, 5372.0, 5265.0, 5518.0, 5528.0, 5469.0, 5275.0, 5651.0, 5615.0, 5296.0, 5363.0, 5474.0, 5412.0, 5385.0, 5690.0, 5442.0, 5407.0, 5708.0, 5452.0, 5485.0, 5548.0, 5641.0,

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19	5510	9	1	333	1	5412.0, 5451.0, 5572.0, 5647.0, 5446.0, 5710.0, 5445.0, 5550.0, 5507.0, 5723.0, 5623.0, 5357.0, 5501.0, 5619.0, 5631.0, 5483.0, 5355.0, 5556.0, 5516.0, 5705.0, 5526.0, 5253.0, 5454.0, 5468.0, 5480.0, 5660.0, 5512.0, 5694.0, 5439.0, 5409.0, 5372.0, 5321.0, 5615.0, 5552.0, 5421.0, 5654.0, 5611.0, 5515.0, 5469.0, 5649.0, 5455.0, 5688.0, 5447.0, 5300.0, 5506.0, 5369.0, 5661.0, 5520.0, 5474.0, 5535.0, 5571.0, 5522.0, 5565.0, 5573.0, 5383.0, 5328.0, 5697.0, 5679.0, 5389.0, 5658.0, 5364.0, 5390.0, 5639.0, 5594.0, 5681.0, 5431.0, 5485.0, 5687.0, 5587.0, 5548.0, 5630.0, 5324.0, 5527.0, 5368.0, 5541.0, 5627.0, 5310.0, 5263.0, 5580.0, 5495.0, 5322.0, 5534.0, 5382.0, 5305.0, 5657.0, 5338.0, 5299.0, 5432.0, 5363.0, 5656.0, 5547.0, 5579.0, 5528.0, 5545.0, 5269.0, 5476.0, 5504.0, 5605.0, 5462.0, 5359.0
20	5510	9	1	333	1	5301.0, 5377.0, 5609.0, 5546.0, 5576.0, 5583.0, 5330.0, 5322.0, 5444.0, 5333.0, 5684.0, 5371.0, 5310.0, 5590.0, 5651.0, 5694.0, 5519.0, 5705.0, 5621.0, 5426.0, 5250.0, 5494.0, 5423.0, 5629.0, 5475.0, 5492.0, 5407.0, 5594.0, 5431.0, 5616.0, 5723.0, 5520.0, 5513.0, 5516.0, 5677.0, 5269.0, 5349.0, 5669.0, 5385.0, 5604.0, 5272.0, 5521.0, 5554.0, 5440.0, 5297.0, 5550.0, 5311.0, 5304.0, 5290.0, 5298.0, 5316.0, 5596.0, 5690.0, 5625.0, 5388.0, 5411.0, 5502.0, 5496.0, 5437.0, 5529.0, 5453.0, 5661.0, 5555.0, 5344.0, 5605.0, 5261.0, 5603.0, 5532.0, 5683.0, 5670.0, 5613.0, 5702.0, 5435.0, 5493.0, 5562.0, 5655.0, 5384.0, 5478.0, 5329.0, 5313.0, 5372.0, 5542.0, 5699.0, 5713.0, 5302.0, 5483.0, 5584.0, 5649.0, 5722.0, 5631.0, 5538.0, 5323.0, 5340.0, 5449.0, 5450.0, 5682.0, 5587.0, 5687.0, 5455.0, 5618.0
21	5510	9	1	333	1	5685.0, 5304.0, 5456.0, 5581.0, 5463.0, 5515.0, 5654.0, 5305.0, 5462.0, 5334.0, 5368.0, 5273.0, 5399.0, 5417.0, 5707.0, 5636.0, 5267.0, 5648.0, 5436.0, 5445.0, 5628.0, 5483.0, 5443.0, 5353.0, 5555.0, 5691.0, 5705.0, 5493.0, 5258.0, 5408.0, 5255.0, 5280.0, 5480.0, 5495.0, 5481.0, 5694.0, 5356.0, 5617.0, 5362.0, 5350.0, 5375.0, 5646.0, 5583.0, 5349.0, 5573.0, 5722.0, 5643.0, 5680.0, 5344.0, 5514.0, 5569.0, 5598.0, 5716.0, 5277.0, 5639.0, 5502.0, 5539.0, 5342.0, 5701.0, 5604.0, 5285.0, 5400.0, 5620.0, 5298.0, 5448.0

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22	5510	9	1	333	1	5274.0, 5691.0, 5363.0, 5525.0, 5336.0, 5524.0, 5683.0, 5428.0, 5281.0, 5290.0, 5506.0, 5704.0, 5501.0, 5479.0, 5322.0, 5316.0, 5261.0, 5500.0, 5268.0, 5286.0, 5568.0, 5285.0, 5618.0, 5562.0, 5385.0, 5526.0, 5289.0, 5516.0, 5553.0, 5555.0, 5699.0, 5517.0, 5308.0, 5390.0, 5677.0, 5482.0, 5597.0, 5255.0, 5453.0, 5372.0, 5417.0, 5474.0, 5307.0, 5649.0, 5656.0, 5389.0, 5391.0, 5538.0, 5448.0, 5318.0, 5678.0, 5354.0, 5616.0, 5634.0, 5575.0, 5554.0, 5369.0, 5690.0, 5295.0, 5537.0, 5706.0, 5682.0, 5703.0, 5383.0, 5655.0, 5282.0, 5685.0, 5359.0, 5520.0, 5534.0, 5406.0, 5447.0, 5362.0, 5381.0, 5505.0, 5269.0, 5421.0, 5723.0, 5664.0, 5256.0, 5580.0, 5589.0, 5629.0, 5660.0, 5452.0, 5722.0, 5291.0, 5592.0, 5365.0, 5310.0, 5382.0, 5321.0, 5684.0, 5511.0, 5464.0, 5696.0, 5349.0, 5667.0, 5414.0, 5292.0
23	5510	9	1	333	1	5522.0, 5630.0, 5329.0, 5700.0, 5393.0, 5594.0, 5279.0, 5392.0, 5624.0, 5398.0, 5718.0, 5707.0, 5409.0, 5645.0, 5518.0, 5461.0, 5578.0, 5253.0, 5315.0, 5444.0, 5557.0, 5438.0, 5363.0, 5399.0, 5533.0, 5545.0, 5452.0, 5613.0, 5711.0, 5496.0, 5313.0, 5369.0, 5605.0, 5282.0, 5340.0, 5501.0, 5269.0, 5648.0, 5614.0, 5348.0, 5364.0, 5267.0, 5314.0, 5495.0, 5712.0, 5626.0, 5268.0, 5368.0, 5563.0, 5391.0, 5633.0, 5454.0, 5672.0, 5336.0, 5414.0, 5643.0, 5704.0, 5425.0, 5510.0, 5722.0, 5568.0, 5628.0, 5325.0, 5531.0, 5612.0, 5449.0, 5553.0, 5434.0, 5530.0, 5433.0, 5556.0, 5606.0, 5587.0, 5330.0, 5453.0, 5631.0, 5524.0, 5385.0, 5430.0, 5632.0, 5423.0, 5602.0, 5715.0, 5701.0, 5277.0, 5366.0, 5280.0, 5420.0, 5374.0, 5683.0, 5309.0, 5256.0, 5426.0, 5344.0, 5417.0, 5401.0, 5529.0, 5610.0, 5525.0, 5649.0
24	5510	9	1	333	1	5549.0, 5688.0, 5508.0, 5557.0, 5306.0, 5478.0, 5591.0, 5254.0, 5651.0, 5606.0, 5253.0, 5497.0, 5296.0, 5583.0, 5581.0, 5718.0, 5405.0, 5443.0, 5278.0, 5558.0, 5280.0, 5475.0, 5573.0, 5453.0, 5655.0, 5616.0, 5366.0, 5648.0, 5318.0, 5623.0, 5311.0, 5707.0, 5376.0, 5534.0, 5326.0, 5704.0, 5506.0, 5365.0, 5594.0, 5528.0, 5717.0, 5685.0, 5479.0, 5673.0, 5551.0, 5524.0, 5466.0, 5463.0, 5702.0, 5647.0, 5563.0, 5559.0, 5471.0, 5358.0, 5403.0, 5611.0, 5428.0, 5509.0, 5465.0, 5595.0, 5666.0, 5669.0, 5686.0, 5352.0, 5620.0,

						5708.0, 5401.0, 5470.0, 5298.0, 5542.0, 5539.0, 5687.0, 5444.0, 5577.0, 5572.0, 5394.0, 5447.0, 5414.0, 5677.0, 5579.0, 5556.0, 5445.0, 5560.0, 5700.0, 5668.0, 5439.0, 5512.0, 5323.0, 5402.0, 5425.0, 5271.0, 5260.0, 5375.0, 5722.0, 5284.0, 5407.0, 5266.0, 5593.0, 5322.0, 5390.0
25	5510	9	1	333	1	5382.0, 5298.0, 5447.0, 5358.0, 5452.0, 5547.0, 5437.0, 5471.0, 5480.0, 5483.0, 5424.0, 5413.0, 5522.0, 5448.0, 5434.0, 5417.0, 5709.0, 5273.0, 5544.0, 5429.0, 5505.0, 5332.0, 5431.0, 5433.0, 5348.0, 5551.0, 5272.0, 5553.0, 5354.0, 5328.0, 5573.0, 5305.0, 5468.0, 5252.0, 5292.0, 5342.0, 5269.0, 5635.0, 5539.0, 5524.0, 5400.0, 5396.0, 5255.0, 5274.0, 5712.0, 5510.0, 5718.0, 5339.0, 5562.0, 5496.0, 5488.0, 5614.0, 5378.0, 5361.0, 5643.0, 5638.0, 5690.0, 5473.0, 5542.0, 5421.0, 5497.0, 5381.0, 5521.0, 5441.0, 5530.0, 5642.0, 5719.0, 5586.0, 5271.0, 5591.0, 5439.0, 5659.0, 5716.0, 5700.0, 5376.0, 5696.0, 5518.0, 5404.0, 5669.0, 5600.0, 5655.0, 5666.0, 5543.0, 5295.0, 5625.0, 5285.0, 5663.0, 5555.0, 5613.0, 5520.0, 5270.0, 5680.0, 5679.0, 5724.0, 5608.0, 5263.0, 5527.0, 5324.0, 5566.0, 5355.0
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27	5510	9	1	333	1	5443.0, 5292.0, 5425.0, 5640.0, 5380.0, 5543.0, 5441.0, 5308.0, 5683.0, 5708.0, 5468.0, 5295.0, 5374.0, 5428.0, 5569.0, 5540.0, 5615.0, 5302.0, 5687.0, 5565.0, 5691.0, 5460.0, 5595.0, 5480.0, 5623.0, 5550.0, 5643.0, 5592.0, 5671.0, 5483.0, 5363.0, 5296.0, 5432.0, 5297.0, 5512.0, 5269.0, 5644.0, 5686.0, 5319.0, 5492.0, 5466.0, 5438.0, 5678.0, 5508.0, 5507.0, 5448.0, 5379.0, 5356.0, 5668.0, 5655.0, 5567.0, 5362.0, 5621.0, 5375.0, 5597.0, 5294.0, 5690.0, 5674.0, 5476.0, 5487.0, 5277.0, 5314.0, 5289.0, 5546.0, 5619.0

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29	5510	9	1	333	1	5635.0, 5465.0, 5315.0, 5641.0, 5663.0, 5464.0, 5378.0, 5708.0, 5379.0, 5413.0, 5542.0, 5576.0, 5457.0, 5525.0, 5484.0, 5679.0, 5608.0, 5323.0, 5351.0, 5268.0, 5297.0, 5437.0, 5535.0, 5270.0, 5393.0, 5461.0, 5326.0, 5609.0, 5481.0, 5688.0, 5329.0, 5309.0, 5427.0, 5625.0, 5703.0, 5319.0, 5523.0, 5553.0, 5274.0, 5671.0, 5634.0, 5300.0, 5373.0, 5687.0, 5368.0, 5320.0, 5432.0, 5454.0, 5417.0, 5408.0, 5288.0, 5365.0, 5313.0, 5664.0, 5569.0, 5579.0, 5401.0, 5513.0, 5316.0, 5468.0, 5533.0, 5435.0, 5328.0, 5598.0, 5483.0, 5497.0, 5506.0, 5305.0, 5507.0, 5495.0, 5645.0, 5332.0, 5366.0, 5380.0, 5440.0, 5392.0, 5654.0, 5359.0, 5551.0, 5431.0, 5447.0, 5681.0, 5377.0, 5604.0, 5683.0, 5276.0, 5617.0, 5587.0, 5403.0, 5257.0, 5296.0, 5282.0, 5302.0, 5676.0, 5353.0, 5390.0, 5357.0, 5372.0, 5405.0, 5449.0
30	5510	9	1	333	1	5475.0, 5377.0, 5596.0, 5652.0, 5331.0, 5707.0, 5506.0, 5587.0, 5513.0, 5395.0, 5616.0, 5628.0, 5548.0, 5352.0, 5511.0, 5445.0, 5617.0, 5630.0, 5393.0, 5299.0, 5262.0, 5530.0, 5579.0, 5480.0, 5657.0, 5593.0, 5565.0, 5402.0, 5268.0, 5618.0, 5435.0, 5718.0, 5683.0, 5443.0, 5702.0, 5404.0, 5397.0, 5465.0, 5278.0, 5639.0, 5436.0, 5541.0, 5414.0, 5396.0, 5629.0, 5261.0, 5520.0, 5664.0, 5505.0, 5329.0, 5607.0, 5493.0, 5266.0, 5438.0, 5376.0, 5508.0, 5317.0, 5418.0, 5590.0, 5578.0, 5251.0, 5555.0, 5354.0, 5660.0, 5576.0

						5681.0, 5370.0, 5450.0, 5553.0, 5637.0, 5711.0, 5665.0, 5694.0, 5432.0, 5575.0, 5343.0, 5471.0, 5319.0, 5321.0, 5662.0, 5581.0, 5314.0, 5351.0, 5687.0, 5416.0, 5473.0, 5646.0, 5462.0, 5704.0, 5380.0, 5387.0, 5430.0, 5392.0, 5320.0, 5603.0, 5405.0, 5344.0, 5571.0, 5697.0, 5537.0
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**80MHz**

<b>Radar SignalType</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A</b>	15	100%	60%	pass
<b>Type 1B</b>	15	100%	60%	pass
<b>Type 2</b>	30	100 %	60%	Pass
<b>Type 3</b>	30	96.7 %	60%	Pass
<b>Type 4</b>	30	96.7 %	60%	Pass
<b>Aggregate(Type1 to 4)</b>	120	98.4 %	80%	Pass
<b>Type 5</b>	30	100 %	80%	Pass
<b>Type 6</b>	30	100 %	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	92	1	578	1
3	5530	61	1	878	1
4	5530	67	1	798	1
5	5530	68	1	778	1
6	5530	72	1	738	1
7	5530	78	1	678	1
8	5530	18	1	3066	1
9	5530	70	1	758	1
10	5530	65	1	818	1
11	5530	58	1	918	1
12	5530	63	1	838	1
13	5530	74	1	718	1
14	5530	89	1	598	1
15	5530	86	1	618	1
Detection Percentage: 100 % (>60%)					

**Radar Type 1B Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5530	26	1	2080	1
2	5530	61	1	871	1
3	5530	18	1	2976	1
4	5530	26	1	2090	1
5	5530	66	1	806	1
6	5530	23	1	2342	1
7	5530	83	1	642	1
8	5530	25	1	2158	1
9	5530	97	1	549	1
10	5530	20	1	2676	1
11	5530	64	1	832	1
12	5530	59	1	905	1
13	5530	50	1	1077	1
14	5530	49	1	1083	1
15	5530	22	1	2427	1
Detection Percentage: 100 % (>60%)					



**Radar Type 2 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5530	26	1.3	168	1
2	5530	26	2.4	162	1
3	5530	26	4.3	207	1
4	5530	24	1.1	153	1
5	5530	23	4.7	152	1
6	5530	27	1.4	183	1
7	5530	29	3.6	151	1
8	5530	28	2.4	183	1
9	5530	28	1.3	191	1
10	5530	23	1.7	174	1
11	5530	29	2.9	224	1
12	5530	23	3.3	226	1
13	5530	23	3.9	201	1
14	5530	26	4.5	159	1
15	5530	24	5	204	1
16	5530	24	2.2	176	1
17	5530	26	2.7	194	1
18	5530	27	1.5	226	1
19	5530	25	1.9	186	1
20	5530	26	4.4	176	1
21	5530	23	1.9	197	1
22	5530	23	1.1	171	1
23	5530	29	3.9	171	1
24	5530	24	2.5	201	1
25	5530	29	2.7	197	1
26	5530	24	4.5	165	1
27	5530	27	5	216	1
28	5530	23	1.9	210	1
29	5530	23	4.6	218	1
30	5530	24	2.8	196	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 3 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5530	17	7.1	352	1
2	5530	16	8.4	256	1
3	5530	17	7.5	311	1
4	5530	17	9.9	253	1
5	5530	16	6.7	413	1
6	5530	17	6.1	320	1
7	5530	16	8.6	467	0
8	5530	16	6.8	474	1
9	5530	18	9.9	410	1
10	5530	16	8.1	286	1
11	5530	16	6.1	445	1
12	5530	16	7.3	276	1
13	5530	18	8.5	221	1
14	5530	17	8.6	457	1
15	5530	17	6.7	313	1
16	5530	18	6.7	254	1
17	5530	18	6.8	260	1
18	5530	16	6.7	249	1
19	5530	17	6.8	289	1
20	5530	16	6.3	444	1
21	5530	18	9.1	286	1
22	5530	16	7.2	495	1
23	5530	18	8.2	266	1
24	5530	16	7.8	476	1
25	5530	17	9.9	271	1
26	5530	17	6.4	286	1
27	5530	16	9.9	474	1
28	5530	17	6.7	226	1
29	5530	17	6.2	296	1
30	5530	16	9.3	265	1
<b>Detection Percentage: 96.7 % (&gt;60%)</b>					

**Radar Type 4 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5530	15	12.6	356	1
2	5530	16	14.9	336	1
3	5530	13	16.2	476	1
4	5530	15	15.3	250	1
5	5530	16	12.6	204	1
6	5530	14	19.3	311	1
7	5530	12	13.9	237	1
8	5530	16	16.1	393	1
9	5530	12	17.5	298	1
10	5530	16	12.8	315	1
11	5530	12	15.8	218	1
12	5530	16	11.1	276	1
13	5530	15	18.3	262	1
14	5530	13	15	310	1
15	5530	16	13.6	290	1
16	5530	14	14.8	346	1
17	5530	15	16.4	262	1
18	5530	12	14.5	447	1
19	5530	12	19.1	385	1
20	5530	15	16.1	325	1
21	5530	13	13.4	484	1
22	5530	15	12.3	319	1
23	5530	12	14.5	212	0
24	5530	14	17.3	460	1
25	5530	15	18.1	286	1
26	5530	14	13.5	311	1
27	5530	13	17.5	418	1
28	5530	12	11.8	345	1
29	5530	16	14	350	1
30	5530	16	14.9	433	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 5 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	11	95.2	1839		0.263952	1
1	1	11	98.4			0.928031	
2	2	11	86	1424		2.367107	
3	2	11	55	1546		2.616679	
4	2	11	66.3	1008		3.794567	
5	2	11	79.4	1012		4.258644	
6	1	11	64.3			4.968239	
7	3	11	52.5	1618	1873	5.797271	
8	1	11	64.1			6.839815	
9	1	11	75.2			7.430658	
10	2	11	94.1	1573		8.573228	
11	1	11	56.3			8.948288	
12	2	11	58.7	1733		9.620876	
13	3	11	81.1	1551	1776	10.89048	
14	1	11	50.9			11.649091	

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	8	64.7	1692		0.249117	1
1	3	8	99.8	1851	1662	0.697256	
2	3	8	65.7	1832	1700	1.562177	
3	2	8	94.3	1260		1.917533	
4	1	8	89.7			3.119274	
5	1	8	93.2			3.505007	
6	1	8	71.5			4.416362	
7	1	8	64.3			5.024976	
8	2	8	83.6	1258		5.439478	
9	3	8	63.2	1171	1091	5.804439	
10	2	8	68.9	1772		6.527537	
11	2	8	86.3	1359		6.975875	
12	2	8	68.8	1281		7.798067	
13	3	8	98.6	1212	1295	8.581753	
14	2	8	79.2	1487		9.337894	
15	2	8	97.4	1780		10.00224	
16	2	8	78	1457		10.488959	
17	3	8	92.6	1670	1212	11.169957	
18	1	8	56			11.573031	

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	3	6	61.9	1109	1231	0.276675	1
1	2	6	93.7	1857		1.062485	
2	2	6	88.3	1173		1.616466	
3	3	6	72.3	1983	1145	2.313701	
4	2	6	57.3	1031		3.073676	
5	3	6	58.8	1282	1178	3.732043	
6	3	6	97.1	1365	1822	4.043895	
7	2	6	82.2	1336		4.905284	
8	2	6	69.7	1345		5.478449	
9	2	6	88.2	1043		6.62161	
10	3	6	85	1765	1249	6.892897	
11	2	6	87.4	1386		7.801054	
12	1	6	80.8			8.245819	
13	2	6	83.1	1961		9.283625	
14	1	6	75.3			9.493059	
15	2	6	93.3	1805		10.621661	
16	1	6	70.7			11.16131	
17	2	6	85.4	1825		11.740576	

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	1	7	78.9			0.458703	1
1	2	7	76.8	1986		1.219098	
2	1	7	71.7			2.159299	
3	2	7	97	1365		2.856395	
4	2	7	95	1683		3.148596	
5	3	7	86.3	1130	1910	4.185057	
6	2	7	50.9	1996		4.983348	
7	3	7	58.4	1653	1458	5.950414	
8	2	7	69.4	1243		6.539896	
9	1	7	59.5			6.918892	
10	2	7	60	1431		7.845017	
11	1	7	54.4			8.968381	
12	2	7	91.7	1592		9.724501	
13	2	7	55.6	1451		10.352608	
14	2	7	86	1873		11.140859	
15	1	7	58.3			11.927368	

## 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	2	13	55.3	1526		0.04938	1
1	1	13	56			1.357021	
2	1	13	80			2.093764	
3	1	13	84.6			2.720441	
4	2	13	71.9	1584		3.990408	
5	3	13	79	1607	1337	4.473707	
6	2	13	69.2	1812		5.757847	
7	2	13	87	1186		6.160338	
8	2	13	54.5	1495		7.094182	
9	2	13	54.9	1873		7.83279	
10	2	13	69.3	1656		9.183154	
11	2	13	72.3	1714		10.061453	
12	1	13	93.5			10.34138	
13	2	13	78.1	1798		11.280754	

## 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	1	12	85			0.690031	1
1	3	12	65.3	1733	1411	2.215382	
2	1	12	98.1			2.918405	
3	2	12	53.3	1391		4.485053	
4	2	12	52	1163		5.885731	
5	2	12	88.4	1371		7.072334	
6	1	12	86.3			7.775103	
7	2	12	63	1070		9.381416	
8	1	12	93.5			10.796071	
9	3	12	79	1053	1812	11.745045	

## 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	9	97.9	1480		1.041884	1
1	2	9	97.9	1580		1.890068	
2	2	9	50.2	1341		2.775167	
3	3	9	68	1163	1680	4.577482	
4	2	9	53	1028		5.447275	
5	1	9	87.4			6.405363	
6	2	9	66.1	1497		7.418539	
7	3	9	78.4	1096	1018	9.401979	
8	1	9	76.6			10.731713	
9	2	9	73.2	1253		11.172839	

## 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	1	7	64.5			0.439358	1
1	1	7	87			0.936155	
2	2	7	80.1	1494		2.01455	
3	2	7	86.3	1466		2.570484	
4	2	7	75.6	1147		3.283021	
5	1	7	93.3			3.58973	
6	2	7	57.3	1165		4.258564	
7	2	7	76.8	1071		5.266695	
8	2	7	75.8	1716		5.752533	
9	2	7	85.5	1094		6.470275	
10	3	7	97.6	1285	1085	7.081843	
11	3	7	98.6	1695	1446	8.259301	
12	2	7	84.8	1143		9.052806	
13	2	7	86	1519		9.847533	
14	1	7	97.7			9.94888	
15	2	7	96.9	1336		11.203292	
16	2	7	71.5	1112		11.485728	

## 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	8	95.9	1688		1.185563	1
1	3	8	57.4	1942	1772	1.792449	
2	3	8	62.4	1016	1916	2.709017	
3	2	8	96.9	1184		4.157395	
4	1	8	57.6			5.194991	
5	3	8	61.9	1621	1871	6.889255	
6	2	8	62.4	1571		7.417211	
7	2	8	80.4	1512		8.416516	
8	2	8	61	1647		9.748176	
9	3	8	68.8	1317	1815	11.910864	

## 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	85.3			1.300551	1
1	1	12	81.7			1.858755	
2	3	12	63.7	1351	1364	3.181748	
3	1	12	94.1			5.272669	
4	3	12	99.5	1222	1002	6.777792	
5	3	12	73.8	1219	1096	7.850759	
6	1	12	77.2			9.258983	
7	2	12	95.6	1569		10.92929	



## Statistics 11 (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	3	16	68.3	1725	1217	1.080667	1
1	1	16	80.7			1.681367	
2	2	16	67.7	1976		3.581733	
3	2	16	54.5	1695		4.899583	
4	1	16	63.8			6.523859	
5	2	16	50.6	1971		7.113815	
6	2	16	55.9	1475		8.191821	
7	3	16	95.7	1997	1137	9.688644	
8	1	16	63.1			11.487723	

## Statistics 12 (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	17	50.1	1417		0.166751	1
1	1	17	86.9			0.710842	
2	2	17	94.9	1422		1.290991	
3	2	17	72.3	1101		2.020494	
4	3	17	86.6	1577	1160	2.735365	
5	2	17	58.7	1654		3.202011	
6	2	17	91.7	1180		4.113032	
7	2	17	86.4	1477		4.214664	
8	3	17	50.4	1559	1692	5.264989	
9	2	17	79	1047		5.499592	
10	3	17	62.1	1899	1521	6.062259	
11	2	17	93.4	1182		7.067995	
12	3	17	83.6	1256	1912	7.2207	
13	2	17	53.6	1514		8.089895	
14	2	17	74.3	1958		8.652322	
15	3	17	97.9	1490	1233	9.514783	
16	1	17	99.7			10.04737	
17	1	17	54.6			10.270152	
18	1	17	73.8			11.297663	
19	2	17	82.6	1876		11.82227	

## Statistics 13 (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	5	74.6	1811		0.106271	1
1	2	5	57.9	1781		0.981971	
2	3	5	73	1710	1628	1.656248	
3	1	5	55.6			2.043349	
4	1	5	92.6			2.996189	
5	2	5	72.1	1329		3.748158	
6	3	5	50.2	1152	1199	4.179979	
7	2	5	59	1419		4.549169	
8	1	5	65.9			5.325993	
9	3	5	94.5	1967	1794	6.045618	
10	2	5	94.4	1672		6.90472	
11	2	5	80.8	1632		7.222563	
12	3	5	93.4	1448	1719	7.739612	
13	2	5	79.1	1579		8.755779	
14	1	5	62.2			9.288429	
15	2	5	84.9	1132		10.070638	
16	2	5	98.8	1301		10.725557	
17	2	5	65.9	1942		10.815683	
18	3	5	63.5	1098	1410	11.877915	

## Statistics 14 (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	17	75.7	1825		0.562269	1
1	3	17	60.3	1279	1524	1.265736	
2	1	17	92			1.691598	
3	2	17	63.7	1607		2.310044	
4	2	17	53.7	1142		2.889271	
5	2	17	71.1	1979		3.660944	
6	3	17	99.7	1820	1113	4.156325	
7	1	17	59.4			4.811415	
8	2	17	61.6	1180		5.485034	
9	3	17	99.8	1499	1788	6.228528	
10	2	17	86.8	1140		7.062856	
11	2	17	78.3	1221		7.946764	
12	2	17	51.8	1961		8.13576	
13	3	17	51	1972	1059	9.204094	
14	2	17	97	1411		9.341731	
15	2	17	99.4	1745		10.449432	
16	2	17	92	1658		10.714491	
17	1	17	90.6			11.962166	

## Statistics 15 (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	3	18	57.2	1234	1147	0.357695	1
1	1	18	72.9			2.123931	
2	2	18	69.9	1039		2.784297	
3	2	18	70.8	1279		4.223303	
4	1	18	61.2			5.772262	
5	2	18	78.9	1692		6.096865	
6	1	18	63			7.351342	
7	1	18	95.1			8.563055	
8	2	18	77.5	1562		10.059637	
9	2	18	75.2	1435		11.249204	

## Statistics 16 (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	8	95	1214		0.198117	1
1	1	8	56.8			1.138032	
2	2	8	67	1140		1.671043	
3	2	8	76.3	1979		2.457638	
4	2	8	52	1220		3.28388	
5	2	8	75.5	1064		3.952884	
6	3	8	79.8	1160	1541	4.196998	
7	3	8	52.8	1958	1499	5.228341	
8	2	8	79.3	1954		5.594165	
9	3	8	68.5	1143	1903	6.602317	
10	2	8	72.1	1942		7.153459	
11	1	8	53			7.369535	
12	2	8	90	1319		8.217769	
13	3	8	71.2	1457	1364	9.269427	
14	3	8	59.3	1261	1421	9.485106	
15	2	8	60.2	1782		10.167528	
16	2	8	79.8	1644		11.284188	
17	1	8	93.6			11.598452	

Statistics 17 (ChirpCenter Frequency: 5497.0 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	98.4	1826		0.11888	1
1	1	14	88			1.362367	
2	2	14	92.5	1030		3.225487	
3	2	14	97.5	1456		3.86953	
4	2	14	54.6	1582		4.405229	
5	1	14	60.8			5.738178	
6	3	14	92.1	1967	1460	7.325406	
7	2	14	58.7	1199		8.41604	
8	1	14	75.4			9.144602	
9	2	14	89.2	1469		10.837316	
10	1	14	79.1			11.401129	

Statistics 18 (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	1	14	95.9			0.785975	1
1	1	14	77.1			1.433268	
2	3	14	67.5	1501	1812	2.056262	
3	2	14	71.6	1744		2.668656	
4	2	14	64.2	1025		3.25562	
5	1	14	88.3			4.038849	
6	1	14	89.1			5.131142	
7	2	14	61.2	1407		6.181546	
8	2	14	89.7	1833		6.769448	
9	1	14	88.1			7.331531	
10	3	14	90.8	1014	1150	8.521598	
11	2	14	63.8	1464		9.188007	
12	2	14	82	1406		9.925473	
13	3	14	61.7	1635	1380	11.170986	
14	2	14	77.8	1219		11.356936	

## Statistics 19 (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	12	74.3	1214		0.093558	1
1	2	12	89.2	1991		0.947274	
2	2	12	95.6	1156		1.622187	
3	2	12	77	1768		1.98795	
4	3	12	99	1196	1784	2.777361	
5	3	12	53.5	1886	1524	3.319486	
6	3	12	81.4	1534	1575	3.652607	
7	1	12	58.7			4.459793	
8	2	12	77.4	1844		4.820724	
9	2	12	73.1	1611		5.660837	
10	1	12	86.1			6.481401	
11	2	12	63	1512		6.894028	
12	2	12	92.1	1787		7.486754	
13	3	12	85.6	1631	1273	7.94902	
14	3	12	68	1122	1294	8.425951	
15	1	12	62			9.464803	
16	2	12	67.9	1447		9.847539	
17	2	12	83.8	1277		10.408446	
18	2	12	71	1567		10.843795	
19	1	12	51.1			11.597112	

## Statistics 20 (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	3	17	70.4	1804	1247	0.712745	1
1	1	17	87			1.15485	
2	2	17	61.2	1436		2.685717	
3	2	17	84	1838		3.59082	
4	1	17	51.8			4.522421	
5	2	17	62.9	1389		5.072883	
6	2	17	75.2	1212		5.795187	
7	2	17	85	1267		7.049092	
8	2	17	82.5	1547		7.790549	
9	2	17	53.6	1541		8.324355	
10	1	17	77.8			9.478574	
11	1	17	62.5			10.466815	
12	1	17	97.2			11.428189	

Statistics 21 (ChirpCenter Frequency: 5563.0 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	16	67.9	1396	1359	0.642066	1
1	2	16	59.7	1882		1.035169	
2	1	16	64.5			2.221921	
3	1	16	62.4			2.297465	
4	2	16	65.7	1137		3.13438	
5	2	16	56.8	1277		4.074632	
6	2	16	75.7	1449		4.625905	
7	3	16	71.7	1011	1683	5.952712	
8	3	16	61.4	1083	1333	6.733055	
9	1	16	98.3			7.169153	
10	3	16	66	2000	1292	7.743421	
11	3	16	59.9	1094	1741	8.558301	
12	1	16	69.2			9.397722	
13	3	16	69.1	1397	1078	9.824233	
14	2	16	85.7	1853		11.145885	
15	2	16	83.5	1119		11.895602	

Statistics 22 (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	1	10	91.8			0.72388	1
1	2	10	67.4	1032		1.027998	
2	2	10	89.1	1599		2.137531	
3	2	10	98.3	1937		3.273468	
4	2	10	81.6	1430		4.11166	
5	3	10	88.3	1072	1560	4.63466	
6	2	10	84.2	1704		5.963051	
7	2	10	64.6	1893		6.97459	
8	2	10	97.7	1922		8.223081	
9	2	10	73.2	1682		9.156203	
10	2	10	60.5	1387		9.411621	
11	2	10	83.7	1981		10.608305	
12	2	10	82.7	1451		11.734994	

## Statistics 23 (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	13	56	1753		0.331512	1
1	3	13	77.7	1516	1910	0.950777	
2	2	13	56.4	1595		1.325978	
3	3	13	98.3	1270	1951	2.348989	
4	2	13	96.2	1662		2.502896	
5	2	13	80	1535		3.141524	
6	1	13	55.6			3.958208	
7	2	13	61.1	1470		4.210765	
8	1	13	97			5.225364	
9	3	13	59.7	1929	1989	5.978419	
10	1	13	54.4			6.492884	
11	1	13	69.6			6.823945	
12	3	13	77.5	1119	1238	7.404636	
13	2	13	94.1	1629		8.026828	
14	3	13	82	1945	1539	8.938816	
15	3	13	53.6	1357	1887	9.472964	
16	3	13	70.7	1704	1102	9.733292	
17	3	13	64	1891	1580	10.310962	
18	2	13	68.4	1479		11.055975	
19	1	13	73.4			11.820123	

## Statistics 24 (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	12	64.2			0.347482	1
1	2	12	83.5	1737		1.373064	
2	2	12	93.8	1424		1.917615	
3	3	12	83.4	1699	1258	2.763816	
4	2	12	54.1	1611		3.825491	
5	1	12	72.5			4.107565	
6	2	12	50.6	1413		5.216873	
7	1	12	95.3			5.77431	
8	1	12	71.7			6.500707	
9	2	12	99.9	1624		7.648407	
10	2	12	64.2	1590		8.1632	
11	1	12	99.6			9.165631	
12	2	12	68.2	1117		10.146836	
13	2	12	78.3	1790		10.839871	
14	2	12	50.1	1229		11.591054	

Statistics 25 (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	2	8	77.7	1029		0.099378	1
1	2	8	80.5	1825		1.454367	
2	3	8	99.8	1906	1459	1.689145	
3	2	8	84.4	1837		2.45273	
4	3	8	60	1692	1785	3.853064	
5	2	8	60.1	1526		4.746008	
6	2	8	73.7	1737		5.015123	
7	1	8	80.9			6.194813	
8	1	8	98.8			6.864457	
9	1	8	86.1			7.433553	
10	2	8	91.8	1180		8.186768	
11	3	8	64.3	1649	1923	8.810586	
12	1	8	65.7			9.923771	
13	3	8	76.8	1683	1776	10.854774	
14	1	8	64.2			11.562815	

Statistics 26 (ChirpCenter Frequency: 5567.0 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	60.9			0.062604	1
1	3	5	70.8	1235	1810	1.570516	
2	3	5	98.7	1049	1300	1.875555	
3	2	5	53.1	1153		2.920495	
4	3	5	75.1	1578	1760	3.750609	
5	1	5	95.2			4.980414	
6	1	5	71.8			6.147749	
7	1	5	57.4			7.341439	
8	3	5	76	1833	1632	8.150719	
9	3	5	80.3	1200	1926	9.16052	
10	1	5	62.4			10.06589	
11	2	5	87.5	1519		10.440457	
12	2	5	73.7	1639		11.643754	



Statistics 27 (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	7	59.8	1307	1555	0.369705	1
1	2	7	52.8	1447		0.923238	
2	2	7	75.5	1890		1.34871	
3	2	7	60.2	1291		2.501792	
4	2	7	70	1146		2.945126	
5	2	7	88.3	1606		3.31852	
6	2	7	77	1454		4.248873	
7	3	7	91.5	1096	1161	4.837532	
8	2	7	77.5	1307		5.635145	
9	2	7	98.1	1247		5.693786	
10	2	7	59.3	1988		6.521898	
11	3	7	89.2	1609	1202	7.015664	
12	3	7	80.7	1569	1708	7.87635	
13	3	7	71.9	1071	1998	8.300987	
14	2	7	81.7	1130		9.000611	
15	3	7	62.4	1371	1215	9.695655	
16	2	7	59.7	1223		10.297456	
17	1	7	72			10.848522	

Statistics 28 (ChirpCenter Frequency: 5561.0 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	59.6	1158	1812	0.45644	1
1	2	20	70.9	1804		1.385328	
2	1	20	70.2			2.012161	
3	2	20	68.4	1187		2.611151	
4	2	20	96.3	1005		3.498298	
5	3	20	90.5	1338	1395	3.857565	
6	1	20	88.5			4.931559	
7	2	20	72.6	1857		5.548679	
8	1	20	62.6			6.720235	
9	2	20	53.4	1478		6.955639	
10	1	20	77.9			8.147889	
11	3	20	62.7	1461	1780	8.522696	
12	1	20	88.5			9.167462	
13	2	20	97.6	1359		10.062249	
14	3	20	76.6	1366	1725	11.127707	
15	2	20	96	1235		11.764265	

## Statistics 29 (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	2	7	69.2	1484		0.228846	1
1	3	7	56.1	1570	1222	1.324622	
2	2	7	56.6	1442		1.975372	
3	1	7	78.2			2.07506	
4	2	7	51.5	1180		2.85742	
5	2	7	79.7	1733		3.485136	
6	3	7	54.4	1946	1751	4.214283	
7	2	7	85.8	1101		5.096749	
8	2	7	79.1	1967		5.576875	
9	2	7	94.1	1992		6.651052	
10	2	7	53.7	1243		6.784647	
11	3	7	57.2	1279	1154	7.695361	
12	1	7	92.6			8.277338	
13	1	7	86.7			9.251757	
14	1	7	78.1			9.782315	
15	2	7	70.2	1479		10.024243	
16	2	7	76.4	1989		10.862251	
17	2	7	65.9	1928		11.733965	

## Statistics 30 (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	1	18	55.8			0.420039	1
1	2	18	94.6	1392		0.634749	
2	2	18	86.6	1802		1.728353	
3	2	18	87.8	1301		2.32729	
4	1	18	99.8			2.427334	
5	1	18	92.7			3.534843	
6	1	18	80.9			3.669712	
7	2	18	96.1	1270		4.383795	
8	3	18	85.5	1539	1092	4.816202	
9	2	18	66.4	1119		5.796598	
10	3	18	95.6	1087	1056	6.078492	
11	1	18	55.6			6.636156	
12	2	18	50.2	1232		7.316881	
13	3	18	58.7	1327	1563	8.285081	
14	1	18	69.2			8.720572	
15	3	18	99	1774	1191	9.205261	
16	2	18	52.8	1943		9.99589	
17	2	18	72.6	1041		10.64751	
18	2	18	79.5	1161		10.973652	
19	1	18	50.8			11.71511	

**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	5521.0, 5721.0, 5591.0, 5287.0, 5618.0, 5406.0, 5382.0, 5341.0, 5682.0, 5410.0, 5340.0, 5689.0, 5408.0, 5492.0, 5590.0, 5275.0, 5533.0, 5501.0, 5593.0, 5446.0, 5526.0, 5575.0, 5522.0, 5271.0, 5256.0, 5505.0, 5674.0, 5630.0, 5474.0, 5659.0, 5544.0, 5512.0, 5458.0, 5697.0, 5339.0, 5703.0, 5620.0, 5481.0, 5649.0, 5638.0, 5315.0, 5700.0, 5581.0, 5609.0, 5392.0, 5530.0, 5608.0, 5428.0, 5691.0, 5370.0, 5365.0, 5706.0, 5488.0, 5298.0, 5527.0, 5585.0, 5583.0, 5555.0, 5571.0, 5483.0, 5572.0, 5637.0, 5701.0, 5704.0, 5600.0, 5261.0, 5431.0, 5470.0, 5624.0, 5652.0, 5487.0, 5554.0, 5274.0, 5653.0, 5342.0, 5654.0, 5266.0, 5500.0, 5381.0, 5698.0, 5513.0, 5595.0, 5441.0, 5681.0, 5401.0, 5471.0, 5260.0, 5549.0, 5708.0, 5327.0, 5312.0, 5594.0, 5284.0, 5375.0, 5711.0, 5251.0, 5464.0, 5345.0, 5685.0, 5387.0
2	5530	9	1	333	1	5713.0, 5495.0, 5276.0, 5530.0, 5354.0, 5369.0, 5543.0, 5626.0, 5447.0, 5341.0, 5558.0, 5545.0, 5496.0, 5336.0, 5407.0, 5355.0, 5630.0, 5722.0, 5592.0, 5320.0, 5281.0, 5405.0, 5679.0, 5719.0, 5636.0, 5309.0, 5414.0, 5359.0, 5585.0, 5663.0, 5594.0, 5468.0, 5479.0, 5568.0, 5462.0, 5648.0, 5610.0, 5259.0, 5609.0, 5324.0, 5576.0, 5302.0, 5504.0, 5714.0, 5464.0, 5456.0, 5340.0, 5688.0, 5559.0, 5684.0, 5567.0, 5588.0, 5402.0, 5275.0, 5301.0, 5470.0, 5695.0, 5581.0, 5650.0, 5396.0, 5279.0, 5514.0, 5371.0, 5346.0, 5452.0, 5461.0, 5537.0, 5326.0, 5702.0, 5442.0, 5436.0, 5605.0, 5295.0, 5337.0, 5339.0, 5338.0, 5308.0, 5608.0, 5410.0, 5708.0, 5333.0, 5509.0, 5482.0, 5449.0, 5363.0, 5284.0, 5389.0, 5511.0, 5615.0, 5595.0, 5652.0, 5528.0, 5323.0, 5342.0, 5599.0, 5453.0, 5557.0, 5704.0, 5404.0, 5705.0
3	5530	9	1	333	1	5686.0, 5277.0, 5408.0, 5663.0, 5311.0, 5384.0, 5547.0, 5721.0, 5288.0, 5409.0, 5336.0, 5325.0, 5597.0, 5469.0, 5260.0, 5302.0, 5694.0, 5618.0, 5638.0, 5479.0, 5470.0, 5498.0, 5436.0, 5491.0, 5509.0, 5344.0, 5718.0, 5709.0, 5500.0, 5580.0, 5701.0, 5276.0, 5335.0, 5428.0, 5304.0, 5444.0, 5420.0, 5303.0, 5462.0, 5427.0, 5401.0, 5449.0, 5372.0, 5373.0, 5561.0, 5250.0, 5357.0, 5683.0, 5318.0, 5471.0, 5603.0, 5264.0, 5653.0, 5626.0, 5376.0, 5560.0, 5682.0, 5283.0, 5613.0, 5534.0, 5588.0, 5541.0, 5722.0, 5531.0, 5551.0

						5621.0, 5714.0, 5380.0, 5448.0, 5671.0, 5599.0, 5715.0, 5362.0, 5559.0, 5538.0, 5473.0, 5466.0, 5426.0, 5338.0, 5484.0, 5274.0, 5348.0, 5666.0, 5699.0, 5419.0, 5468.0, 5297.0, 5395.0, 5692.0, 5720.0, 5612.0, 5657.0, 5673.0, 5492.0, 5526.0, 5365.0, 5405.0, 5442.0, 5364.0, 5460.0
4	5530	9	1	333	1	5709.0, 5289.0, 5462.0, 5292.0, 5285.0, 5516.0, 5408.0, 5429.0, 5310.0, 5281.0, 5314.0, 5361.0, 5389.0, 5343.0, 5668.0, 5675.0, 5373.0, 5538.0, 5582.0, 5692.0, 5270.0, 5295.0, 5629.0, 5445.0, 5333.0, 5402.0, 5518.0, 5659.0, 5299.0, 5325.0, 5403.0, 5695.0, 5597.0, 5353.0, 5640.0, 5524.0, 5705.0, 5266.0, 5562.0, 5470.0, 5432.0, 5644.0, 5426.0, 5298.0, 5259.0, 5515.0, 5441.0, 5523.0, 5531.0, 5267.0, 5323.0, 5460.0, 5670.0, 5654.0, 5329.0, 5400.0, 5694.0, 5679.0, 5528.0, 5649.0, 5475.0, 5607.0, 5655.0, 5346.0, 5583.0, 5374.0, 5666.0, 5520.0, 5278.0, 5680.0, 5621.0, 5638.0, 5601.0, 5508.0, 5341.0, 5512.0, 5596.0, 5551.0, 5488.0, 5452.0, 5715.0, 5342.0, 5565.0, 5697.0, 5641.0, 5309.0, 5388.0, 5486.0, 5253.0, 5627.0, 5534.0, 5363.0, 5494.0, 5723.0, 5579.0, 5471.0, 5716.0, 5719.0, 5594.0, 5612.0
5	5530	9	1	333	1	5452.0, 5348.0, 5607.0, 5571.0, 5684.0, 5273.0, 5361.0, 5617.0, 5268.0, 5615.0, 5267.0, 5581.0, 5720.0, 5391.0, 5713.0, 5380.0, 5687.0, 5665.0, 5589.0, 5435.0, 5474.0, 5704.0, 5608.0, 5310.0, 5505.0, 5425.0, 5656.0, 5444.0, 5468.0, 5554.0, 5646.0, 5668.0, 5451.0, 5390.0, 5511.0, 5274.0, 5526.0, 5433.0, 5373.0, 5690.0, 5577.0, 5664.0, 5324.0, 5371.0, 5583.0, 5550.0, 5675.0, 5642.0, 5519.0, 5270.0, 5349.0, 5504.0, 5443.0, 5436.0, 5357.0, 5531.0, 5421.0, 5260.0, 5256.0, 5330.0, 5352.0, 5722.0, 5647.0, 5396.0, 5405.0, 5602.0, 5339.0, 5655.0, 5618.0, 5640.0, 5336.0, 5677.0, 5688.0, 5332.0, 5335.0, 5262.0, 5584.0, 5400.0, 5565.0, 5375.0, 5627.0, 5612.0, 5399.0, 5257.0, 5388.0, 5481.0, 5487.0, 5397.0, 5288.0, 5723.0, 5368.0, 5601.0, 5459.0, 5279.0, 5379.0, 5406.0, 5403.0, 5275.0, 5253.0, 5415.0
6	5530	9	1	333	1	5422.0, 5531.0, 5680.0, 5300.0, 5619.0, 5598.0, 5714.0, 5704.0, 5359.0, 5271.0, 5434.0, 5381.0, 5491.0, 5427.0, 5581.0, 5476.0, 5610.0, 5320.0, 5515.0, 5327.0, 5526.0, 5673.0, 5251.0, 5532.0, 5445.0, 5635.0, 5416.0, 5393.0, 5658.0, 5493.0, 5506.0, 5419.0, 5661.0, 5583.0, 5640.0, 5700.0, 5437.0, 5473.0, 5556.0, 5469.0, 5625.0, 5530.0, 5697.0, 5482.0, 5667.0, 5282.0, 5692.0, 5500.0, 5286.0, 5398.0, 5561.0, 5466.0, 5438.0, 5279.0, 5664.0, 5553.0, 5645.0, 5313.0, 5487.0, 5275.0, 5601.0, 5535.0, 5609.0, 5273.0, 5637.0,

						5301.0, 5423.0, 5399.0, 5710.0, 5411.0, 5254.0, 5578.0, 5604.0, 5492.0, 5283.0, 5341.0, 5691.0, 5657.0, 5541.0, 5449.0, 5512.0, 5551.0, 5723.0, 5312.0, 5304.0, 5472.0, 5444.0, 5321.0, 5337.0, 5276.0, 5542.0, 5641.0, 5576.0, 5628.0, 5568.0, 5358.0, 5485.0, 5470.0, 5547.0, 5397.0
7	5530	9	1	333	1	5689.0, 5544.0, 5341.0, 5698.0, 5659.0, 5476.0, 5553.0, 5385.0, 5418.0, 5293.0, 5623.0, 5427.0, 5472.0, 5708.0, 5368.0, 5580.0, 5547.0, 5549.0, 5483.0, 5422.0, 5525.0, 5267.0, 5513.0, 5315.0, 5263.0, 5380.0, 5414.0, 5516.0, 5478.0, 5437.0, 5253.0, 5710.0, 5515.0, 5685.0, 5439.0, 5355.0, 5716.0, 5424.0, 5699.0, 5370.0, 5338.0, 5327.0, 5531.0, 5351.0, 5541.0, 5303.0, 5453.0, 5448.0, 5364.0, 5286.0, 5399.0, 5297.0, 5535.0, 5518.0, 5561.0, 5330.0, 5374.0, 5395.0, 5560.0, 5545.0, 5511.0, 5389.0, 5333.0, 5656.0, 5543.0, 5625.0, 5467.0, 5290.0, 5615.0, 5436.0, 5562.0, 5254.0, 5361.0, 5714.0, 5712.0, 5660.0, 5592.0, 5358.0, 5504.0, 5346.0, 5320.0, 5527.0, 5629.0, 5664.0, 5447.0, 5669.0, 5324.0, 5469.0, 5440.0, 5470.0, 5590.0, 5262.0, 5332.0, 5401.0, 5456.0, 5719.0, 5316.0, 5310.0, 5287.0, 5394.0
8	5530	9	1	333	1	5323.0, 5280.0, 5683.0, 5480.0, 5543.0, 5336.0, 5620.0, 5576.0, 5483.0, 5296.0, 5716.0, 5681.0, 5426.0, 5479.0, 5487.0, 5465.0, 5674.0, 5558.0, 5406.0, 5422.0, 5610.0, 5297.0, 5554.0, 5643.0, 5675.0, 5434.0, 5481.0, 5286.0, 5437.0, 5302.0, 5404.0, 5256.0, 5583.0, 5616.0, 5410.0, 5653.0, 5343.0, 5507.0, 5608.0, 5549.0, 5661.0, 5718.0, 5609.0, 5527.0, 5619.0, 5493.0, 5345.0, 5496.0, 5582.0, 5289.0, 5313.0, 5403.0, 5530.0, 5723.0, 5347.0, 5572.0, 5596.0, 5516.0, 5271.0, 5523.0, 5579.0, 5392.0, 5316.0, 5328.0, 5651.0, 5432.0, 5603.0, 5662.0, 5588.0, 5678.0, 5469.0, 5353.0, 5376.0, 5429.0, 5667.0, 5584.0, 5714.0, 5341.0, 5455.0, 5478.0, 5320.0, 5292.0, 5360.0, 5391.0, 5307.0, 5531.0, 5445.0, 5656.0, 5382.0, 5668.0, 5644.0, 5420.0, 5466.0, 5355.0, 5607.0, 5533.0, 5278.0, 5513.0, 5688.0, 5659.0
9	5530	9	1	333	1	5502.0, 5283.0, 5409.0, 5269.0, 5571.0, 5399.0, 5383.0, 5710.0, 5546.0, 5690.0, 5355.0, 5295.0, 5318.0, 5312.0, 5252.0, 5316.0, 5305.0, 5631.0, 5538.0, 5398.0, 5259.0, 5530.0, 5549.0, 5293.0, 5714.0, 5330.0, 5367.0, 5674.0, 5666.0, 5410.0, 5333.0, 5719.0, 5619.0, 5618.0, 5434.0, 5440.0, 5452.0, 5473.0, 5360.0, 5327.0, 5526.0, 5460.0, 5329.0, 5670.0, 5563.0, 5542.0, 5569.0, 5382.0, 5401.0, 5680.0, 5336.0, 5506.0, 5682.0, 5498.0, 5601.0, 5700.0, 5331.0, 5260.0, 5299.0, 5341.0, 5562.0, 5492.0, 5275.0, 5712.0, 5279.0

						5592.0, 5387.0, 5718.0, 5268.0, 5533.0, 5584.0, 5300.0, 5400.0, 5432.0, 5377.0, 5491.0, 5496.0, 5335.0, 5596.0, 5495.0, 5686.0, 5264.0, 5481.0, 5319.0, 5313.0, 5604.0, 5708.0, 5464.0, 5417.0, 5694.0, 5282.0, 5519.0, 5720.0, 5485.0, 5527.0, 5557.0, 5285.0, 5548.0, 5406.0, 5351.0
10	5530	9	1	333	1	5450.0, 5376.0, 5416.0, 5430.0, 5319.0, 5266.0, 5292.0, 5675.0, 5380.0, 5503.0, 5273.0, 5498.0, 5393.0, 5537.0, 5423.0, 5620.0, 5251.0, 5386.0, 5534.0, 5329.0, 5600.0, 5531.0, 5286.0, 5365.0, 5611.0, 5670.0, 5591.0, 5417.0, 5290.0, 5555.0, 5661.0, 5582.0, 5678.0, 5509.0, 5487.0, 5650.0, 5519.0, 5395.0, 5530.0, 5658.0, 5486.0, 5335.0, 5447.0, 5664.0, 5357.0, 5586.0, 5490.0, 5652.0, 5403.0, 5538.0, 5644.0, 5360.0, 5571.0, 5421.0, 5660.0, 5707.0, 5331.0, 5295.0, 5298.0, 5413.0, 5527.0, 5695.0, 5253.0, 5526.0, 5692.0, 5468.0, 5497.0, 5391.0, 5283.0, 5492.0, 5346.0, 5641.0, 5285.0, 5491.0, 5671.0, 5322.0, 5585.0, 5584.0, 5424.0, 5568.0, 5507.0, 5268.0, 5274.0, 5593.0, 5327.0, 5264.0, 5350.0, 5441.0, 5258.0, 5310.0, 5366.0, 5654.0, 5294.0, 5440.0, 5320.0, 5284.0, 5412.0, 5338.0, 5532.0, 5336.0
11	5530	9	1	333	1	5617.0, 5517.0, 5658.0, 5652.0, 5655.0, 5587.0, 5296.0, 5550.0, 5683.0, 5397.0, 5295.0, 5570.0, 5578.0, 5657.0, 5541.0, 5518.0, 5481.0, 5264.0, 5272.0, 5462.0, 5335.0, 5528.0, 5576.0, 5431.0, 5722.0, 5628.0, 5268.0, 5405.0, 5280.0, 5548.0, 5513.0, 5283.0, 5502.0, 5546.0, 5710.0, 5595.0, 5451.0, 5647.0, 5535.0, 5532.0, 5317.0, 5344.0, 5567.0, 5719.0, 5275.0, 5256.0, 5398.0, 5386.0, 5505.0, 5315.0, 5581.0, 5366.0, 5382.0, 5668.0, 5507.0, 5549.0, 5599.0, 5500.0, 5422.0, 5336.0, 5533.0, 5409.0, 5605.0, 5259.0, 5493.0, 5560.0, 5260.0, 5582.0, 5563.0, 5494.0, 5699.0, 5334.0, 5501.0, 5680.0, 5608.0, 5516.0, 5612.0, 5465.0, 5476.0, 5685.0, 5607.0, 5302.0, 5425.0, 5319.0, 5277.0, 5499.0, 5285.0, 5439.0, 5667.0, 5520.0, 5454.0, 5484.0, 5387.0, 5455.0, 5631.0, 5287.0, 5354.0, 5274.0, 5393.0, 5321.0
12	5530	9	1	333	1	5697.0, 5533.0, 5318.0, 5281.0, 5614.0, 5603.0, 5319.0, 5678.0, 5336.0, 5389.0, 5586.0, 5653.0, 5670.0, 5525.0, 5655.0, 5561.0, 5669.0, 5298.0, 5688.0, 5294.0, 5577.0, 5300.0, 5284.0, 5432.0, 5371.0, 5710.0, 5358.0, 5712.0, 5578.0, 5359.0, 5613.0, 5503.0, 5536.0, 5302.0, 5312.0, 5393.0, 5515.0, 5576.0, 5569.0, 5597.0, 5428.0, 5548.0, 5360.0, 5356.0, 5565.0, 5543.0, 5537.0, 5288.0, 5277.0, 5418.0, 5532.0, 5390.0, 5252.0, 5362.0, 5413.0, 5425.0, 5660.0, 5255.0, 5363.0, 5680.0, 5457.0, 5572.0, 5639.0, 5700.0, 5517.0,

						5625.0, 5622.0, 5396.0, 5455.0, 5683.0, 5483.0, 5285.0, 5520.0, 5600.0, 5545.0, 5579.0, 5456.0, 5366.0, 5629.0, 5703.0, 5437.0, 5469.0, 5376.0, 5684.0, 5258.0, 5709.0, 5570.0, 5436.0, 5426.0, 5338.0, 5642.0, 5397.0, 5443.0, 5692.0, 5384.0, 5341.0, 5382.0, 5272.0, 5315.0, 5504.0
13	5530	9	1	333	1	5441.0, 5308.0, 5605.0, 5444.0, 5453.0, 5484.0, 5310.0, 5406.0, 5535.0, 5621.0, 5607.0, 5673.0, 5351.0, 5633.0, 5376.0, 5461.0, 5306.0, 5614.0, 5300.0, 5433.0, 5509.0, 5415.0, 5260.0, 5320.0, 5497.0, 5460.0, 5659.0, 5562.0, 5494.0, 5651.0, 5371.0, 5700.0, 5675.0, 5563.0, 5548.0, 5330.0, 5549.0, 5282.0, 5711.0, 5387.0, 5409.0, 5297.0, 5399.0, 5618.0, 5709.0, 5354.0, 5436.0, 5365.0, 5507.0, 5522.0, 5631.0, 5383.0, 5289.0, 5645.0, 5427.0, 5644.0, 5642.0, 5449.0, 5552.0, 5592.0, 5498.0, 5656.0, 5350.0, 5482.0, 5667.0, 5723.0, 5408.0, 5724.0, 5256.0, 5584.0, 5423.0, 5544.0, 5662.0, 5542.0, 5606.0, 5377.0, 5568.0, 5677.0, 5309.0, 5285.0, 5470.0, 5486.0, 5418.0, 5281.0, 5311.0, 5617.0, 5287.0, 5419.0, 5604.0, 5288.0, 5546.0, 5276.0, 5459.0, 5437.0, 5274.0, 5538.0, 5355.0, 5452.0, 5670.0, 5681.0
14	5530	9	1	333	1	5627.0, 5617.0, 5702.0, 5419.0, 5571.0, 5499.0, 5623.0, 5256.0, 5321.0, 5583.0, 5692.0, 5409.0, 5433.0, 5642.0, 5313.0, 5643.0, 5384.0, 5399.0, 5513.0, 5698.0, 5369.0, 5594.0, 5420.0, 5608.0, 5431.0, 5410.0, 5656.0, 5290.0, 5654.0, 5684.0, 5550.0, 5385.0, 5545.0, 5386.0, 5421.0, 5435.0, 5372.0, 5318.0, 5618.0, 5526.0, 5672.0, 5332.0, 5292.0, 5434.0, 5429.0, 5607.0, 5358.0, 5446.0, 5404.0, 5635.0, 5686.0, 5335.0, 5405.0, 5576.0, 5538.0, 5331.0, 5695.0, 5254.0, 5445.0, 5480.0, 5521.0, 5619.0, 5408.0, 5497.0, 5374.0, 5295.0, 5676.0, 5289.0, 5578.0, 5425.0, 5444.0, 5403.0, 5274.0, 5273.0, 5377.0, 5542.0, 5718.0, 5361.0, 5572.0, 5426.0, 5380.0, 5346.0, 5660.0, 5437.0, 5269.0, 5529.0, 5719.0, 5379.0, 5565.0, 5376.0, 5265.0, 5327.0, 5473.0, 5400.0, 5599.0, 5272.0, 5518.0, 5668.0, 5557.0, 5328.0
15	5530	9	1	333	1	5305.0, 5432.0, 5649.0, 5495.0, 5539.0, 5569.0, 5426.0, 5494.0, 5483.0, 5329.0, 5612.0, 5656.0, 5328.0, 5418.0, 5580.0, 5546.0, 5449.0, 5333.0, 5463.0, 5558.0, 5613.0, 5303.0, 5354.0, 5660.0, 5392.0, 5646.0, 5640.0, 5710.0, 5381.0, 5374.0, 5628.0, 5677.0, 5696.0, 5290.0, 5589.0, 5635.0, 5507.0, 5684.0, 5642.0, 5408.0, 5547.0, 5595.0, 5292.0, 5685.0, 5383.0, 5475.0, 5454.0, 5416.0, 5501.0, 5549.0, 5651.0, 5257.0, 5297.0, 5581.0, 5618.0, 5276.0, 5250.0, 5597.0, 5531.0, 5534.0, 5517.0, 5658.0, 5419.0, 5324.0, 5468.0

						5455.0, 5361.0, 5391.0, 5282.0, 5309.0, 5717.0, 5708.0, 5701.0, 5396.0, 5340.0, 5523.0, 5280.0, 5394.0, 5627.0, 5688.0, 5705.0, 5629.0, 5429.0, 5421.0, 5516.0, 5481.0, 5307.0, 5592.0, 5625.0, 5326.0, 5537.0, 5387.0, 5719.0, 5529.0, 5536.0, 5315.0, 5325.0, 5424.0, 5667.0, 5265.0
16	5530	9	1	333	1	5320.0, 5391.0, 5314.0, 5349.0, 5290.0, 5418.0, 5415.0, 5716.0, 5719.0, 5354.0, 5382.0, 5411.0, 5424.0, 5655.0, 5409.0, 5307.0, 5597.0, 5381.0, 5596.0, 5373.0, 5548.0, 5413.0, 5609.0, 5462.0, 5352.0, 5545.0, 5368.0, 5371.0, 5658.0, 5339.0, 5304.0, 5262.0, 5383.0, 5375.0, 5589.0, 5515.0, 5598.0, 5259.0, 5434.0, 5590.0, 5635.0, 5619.0, 5347.0, 5723.0, 5689.0, 5534.0, 5384.0, 5358.0, 5522.0, 5674.0, 5328.0, 5670.0, 5480.0, 5620.0, 5574.0, 5406.0, 5398.0, 5282.0, 5626.0, 5683.0, 5467.0, 5496.0, 5323.0, 5302.0, 5700.0, 5538.0, 5592.0, 5705.0, 5706.0, 5461.0, 5279.0, 5543.0, 5414.0, 5255.0, 5600.0, 5717.0, 5637.0, 5364.0, 5492.0, 5457.0, 5426.0, 5343.0, 5692.0, 5357.0, 5628.0, 5687.0, 5428.0, 5682.0, 5698.0, 5504.0, 5439.0, 5611.0, 5482.0, 5653.0, 5580.0, 5588.0, 5257.0, 5310.0, 5642.0, 5489.0
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24	5530	9	1	333	1	5506.0, 5668.0, 5595.0, 5592.0, 5610.0, 5404.0, 5334.0, 5342.0, 5319.0, 5384.0, 5459.0, 5571.0, 5611.0, 5699.0, 5530.0, 5440.0, 5558.0, 5671.0, 5627.0, 5261.0, 5703.0, 5594.0, 5697.0, 5475.0, 5706.0, 5409.0, 5599.0, 5417.0, 5631.0, 5291.0, 5252.0, 5708.0, 5470.0, 5568.0, 5678.0, 5402.0, 5529.0, 5263.0, 5718.0, 5408.0, 5332.0, 5563.0, 5619.0, 5687.0, 5606.0, 5723.0, 5383.0, 5361.0, 5528.0, 5576.0, 5533.0, 5637.0, 5614.0, 5683.0, 5523.0, 5629.0, 5386.0, 5357.0, 5663.0, 5590.0, 5306.0, 5669.0, 5499.0, 5297.0, 5466.0

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26	5530	9	1	333	1	5270.0, 5295.0, 5312.0, 5287.0, 5565.0, 5284.0, 5527.0, 5323.0, 5291.0, 5676.0, 5479.0, 5695.0, 5559.0, 5289.0, 5285.0, 5326.0, 5301.0, 5437.0, 5500.0, 5494.0, 5554.0, 5694.0, 5664.0, 5327.0, 5595.0, 5601.0, 5643.0, 5461.0, 5499.0, 5645.0, 5398.0, 5585.0, 5507.0, 5457.0, 5441.0, 5578.0, 5410.0, 5445.0, 5252.0, 5532.0, 5635.0, 5306.0, 5668.0, 5681.0, 5634.0, 5317.0, 5349.0, 5569.0, 5364.0, 5651.0, 5356.0, 5353.0, 5280.0, 5253.0, 5560.0, 5251.0, 5619.0, 5380.0, 5599.0, 5672.0, 5298.0, 5436.0, 5682.0, 5572.0, 5254.0, 5624.0, 5561.0, 5363.0, 5606.0, 5480.0, 5496.0, 5717.0, 5662.0, 5388.0, 5720.0, 5596.0, 5466.0, 5526.0, 5529.0, 5352.0, 5612.0, 5299.0, 5506.0, 5290.0, 5690.0, 5597.0, 5491.0, 5602.0, 5679.0, 5338.0, 5656.0, 5475.0, 5536.0, 5467.0, 5570.0, 5320.0, 5518.0, 5594.0, 5260.0, 5261.0
27	5530	9	1	333	1	5385.0, 5615.0, 5324.0, 5548.0, 5342.0, 5348.0, 5554.0, 5723.0, 5612.0, 5417.0, 5613.0, 5624.0, 5293.0, 5704.0, 5404.0, 5493.0, 5487.0, 5611.0, 5701.0, 5322.0, 5321.0, 5283.0, 5455.0, 5693.0, 5411.0, 5485.0, 5460.0, 5257.0, 5536.0, 5328.0, 5646.0, 5545.0, 5574.0, 5269.0, 5525.0, 5599.0, 5418.0, 5520.0, 5384.0, 5581.0, 5518.0, 5347.0, 5674.0, 5517.0, 5486.0, 5641.0, 5697.0, 5586.0, 5446.0, 5447.0, 5721.0, 5311.0, 5353.0, 5607.0, 5676.0, 5359.0, 5559.0, 5382.0, 5632.0, 5546.0, 5628.0, 5706.0, 5465.0, 5333.0, 5292.0

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29	5530	9	1	333	1	5414.0, 5647.0, 5464.0, 5638.0, 5634.0, 5393.0, 5648.0, 5475.0, 5265.0, 5432.0, 5350.0, 5595.0, 5627.0, 5404.0, 5315.0, 5345.0, 5364.0, 5716.0, 5671.0, 5599.0, 5338.0, 5449.0, 5516.0, 5512.0, 5617.0, 5427.0, 5347.0, 5667.0, 5291.0, 5402.0, 5394.0, 5602.0, 5303.0, 5372.0, 5579.0, 5562.0, 5670.0, 5360.0, 5471.0, 5370.0, 5476.0, 5447.0, 5699.0, 5478.0, 5351.0, 5406.0, 5495.0, 5488.0, 5623.0, 5598.0, 5335.0, 5644.0, 5681.0, 5631.0, 5283.0, 5518.0, 5503.0, 5320.0, 5445.0, 5687.0, 5524.0, 5470.0, 5696.0, 5328.0, 5606.0, 5576.0, 5341.0, 5469.0, 5532.0, 5564.0, 5457.0, 5272.0, 5330.0, 5261.0, 5604.0, 5451.0, 5593.0, 5305.0, 5477.0, 5439.0, 5635.0, 5293.0, 5479.0, 5366.0, 5566.0, 5405.0, 5677.0, 5446.0, 5257.0, 5589.0, 5571.0, 5645.0, 5498.0, 5455.0, 5592.0, 5274.0, 5629.0, 5362.0, 5314.0, 5400.0
30	5530	9	1	333	1	5257.0, 5604.0, 5303.0, 5633.0, 5276.0, 5703.0, 5278.0, 5571.0, 5463.0, 5381.0, 5476.0, 5399.0, 5469.0, 5618.0, 5714.0, 5375.0, 5345.0, 5654.0, 5678.0, 5270.0, 5555.0, 5551.0, 5259.0, 5414.0, 5687.0, 5681.0, 5721.0, 5674.0, 5329.0, 5346.0, 5695.0, 5424.0, 5479.0, 5689.0, 5510.0, 5299.0, 5621.0, 5312.0, 5677.0, 5521.0, 5415.0, 5445.0, 5280.0, 5428.0, 5694.0, 5598.0, 5541.0, 5291.0, 5421.0, 5382.0, 5561.0, 5288.0, 5666.0, 5566.0, 5679.0, 5266.0, 5676.0, 5523.0, 5610.0, 5455.0, 5393.0, 5711.0, 5635.0, 5306.0, 5434.0,

						5452.0, 5578.0, 5403.0, 5324.0, 5444.0, 5365.0, 5568.0, 5468.0, 5582.0, 5327.0, 5279.0, 5417.0, 5426.0, 5663.0, 5271.0, 5459.0, 5522.0, 5508.0, 5339.0, 5647.0, 5260.0, 5623.0, 5723.0, 5552.0, 5675.0, 5529.0, 5706.0, 5283.0, 5338.0, 5374.0, 5447.0, 5542.0, 5697.0, 5567.0, 5372.0
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80M+80M:

5290MHz + 5530 MHz

**5290MHz:**

<b>Radar SignalType</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A</b>	15	100%	60%	pass
<b>Type 1B</b>	15	100%	60%	pass
<b>Type 2</b>	30	100 %	60%	Pass
<b>Type 3</b>	30	100 %	60%	Pass
<b>Type 4</b>	30	100 %	60%	Pass
<b>Aggregate(Type1 to 4)</b>	120	100 %	80%	Pass
<b>Type 5-1</b>	10	100 %	80%	Pass
<b>Type 5-2</b>	10	100 %	80%	Pass
<b>Type 5-3</b>	10	100 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

Please refer to the following statistical tables:

**Radar Type 1A Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5290	67	1	798	1
2	5290	86	1	618	1
3	5290	68	1	778	1
4	5290	76	1	698	1
5	5290	62	1	858	1
6	5290	57	1	938	1
7	5290	72	1	738	1
8	5290	99	1	538	1
9	5290	58	1	918	1
10	5290	102	1	518	1
11	5290	92	1	578	1
12	5290	78	1	678	1
13	5290	74	1	718	1
14	5290	83	1	638	1
15	5290	61	1	878	1
Detection Percentage: 100 % (>60%)					

**Radar Type 1B Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5290	57	1	936	1
2	5290	33	1	1649	1
3	5290	38	1	1425	1
4	5290	35	1	1524	1
5	5290	95	1	560	1
6	5290	21	1	2591	1
7	5290	19	1	2812	1
8	5290	66	1	804	1
9	5290	41	1	1303	1
10	5290	60	1	884	1
11	5290	58	1	919	1
12	5290	66	1	801	1
13	5290	87	1	608	1
14	5290	25	1	2158	1
15	5290	36	1	1472	1
Detection Percentage: 100 % (>60%)					



**Radar Type 2 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5290	24	2.3	173	1
2	5290	24	4.1	194	1
3	5290	26	2.3	166	1
4	5290	27	3.8	192	1
5	5290	25	2.3	151	1
6	5290	28	1.1	158	1
7	5290	27	1.2	198	1
8	5290	23	3.4	215	1
9	5290	29	2.6	159	1
10	5290	27	1.6	194	1
11	5290	27	4.8	205	1
12	5290	25	1.1	163	1
13	5290	26	4.9	187	1
14	5290	26	4.2	216	1
15	5290	23	4.8	209	1
16	5290	23	3	187	1
17	5290	29	4.8	191	1
18	5290	24	3	162	1
19	5290	27	2.6	152	1
20	5290	26	3	169	1
21	5290	24	2.2	154	1
22	5290	28	4.2	224	1
23	5290	24	1.9	179	1
24	5290	25	1.4	182	1
25	5290	23	1.2	220	1
26	5290	28	4.3	169	1
27	5290	26	4.8	223	1
28	5290	26	2	163	1
29	5290	23	3.1	155	1
30	5290	23	3.9	218	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 3 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5290	17	8.1	441	1
2	5290	16	7.3	427	1
3	5290	17	7.3	269	1
4	5290	18	7	408	1
5	5290	18	6.9	226	1
6	5290	16	9.5	304	1
7	5290	17	10	454	1
8	5290	16	8.7	398	1
9	5290	17	9.8	435	1
10	5290	16	6.9	236	1
11	5290	18	9.5	214	1
12	5290	17	7.6	223	1
13	5290	18	7.6	222	1
14	5290	17	8.1	469	1
15	5290	16	7.7	437	1
16	5290	16	7.7	267	1
17	5290	17	8.7	268	1
18	5290	16	8.8	385	1
19	5290	17	9.3	338	1
20	5290	16	8.7	207	1
21	5290	17	7.9	331	1
22	5290	17	6.4	235	1
23	5290	17	9.2	283	1
24	5290	17	9.7	410	1
25	5290	16	9.8	296	1
26	5290	17	7.4	237	1
27	5290	17	7.9	495	1
28	5290	17	7.3	217	1
29	5290	18	9.8	499	1
30	5290	16	9.8	452	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 4 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5290	13	16.3	377	1
2	5290	13	13.7	282	1
3	5290	15	11.5	284	1
4	5290	14	11.1	368	1
5	5290	14	13.4	367	1
6	5290	13	15.7	385	1
7	5290	16	13.4	208	1
8	5290	12	17.9	441	1
9	5290	14	19.1	369	1
10	5290	12	19.4	386	1
11	5290	12	17.7	316	1
12	5290	15	15.6	271	1
13	5290	13	17.3	358	1
14	5290	14	19.3	463	1
15	5290	14	19	324	1
16	5290	16	15	471	1
17	5290	15	15	312	1
18	5290	14	13.6	417	1
19	5290	12	12.3	317	1
20	5290	13	18.4	252	1
21	5290	12	19.3	201	1
22	5290	14	11.9	320	1
23	5290	13	15.2	225	1
24	5290	14	18.1	465	1
25	5290	15	16.1	396	1
26	5290	14	18.2	426	1
27	5290	15	13.5	297	1
28	5290	14	19.8	396	1
29	5290	16	19.2	272	1
30	5290	12	13.8	240	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 5-1 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	14	64.6			1.369412	1
1	2	14	56.9	1325		2.762502	
2	3	14	79.9	1727	1159	3.568011	
3	2	14	99.5	1954		5.881413	
4	1	14	84			6.311095	
5	2	14	71.2	1386		8.293945	
6	2	14	52.7	1015		9.562377	
7	3	14	73.9	1348	1540	11.19645	

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	91.4	1699		1.272619	1
1	2	15	69.8	1829		2.540194	
2	2	15	62.7	1572		3.21652	
3	2	15	57.3	1863		4.133519	
4	1	15	67.4			6.331097	
5	2	15	53.1	1114		6.759348	
6	1	15	58.5			8.275648	
7	2	15	74.9	1408		9.447923	
8	2	15	94.3	1684		11.5578	

## 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	2	7	85.3	1095		0.300914	1
1	2	7	73.9	1859		1.092512	
2	1	7	76.6			1.942219	
3	2	7	70.1	1413		2.686155	
4	2	7	71.4	1658		3.488719	
5	2	7	75.3	1490		4.178557	
6	3	7	72.9	1279	1997	4.408748	
7	1	7	56.4			5.41841	
8	1	7	94.3			5.810585	
9	2	7	81.9	1116		6.926947	
10	3	7	89.2	1017	1161	7.484099	
11	3	7	52.3	1316	1843	8.346964	
12	3	7	89.1	1509	1736	8.726971	
13	2	7	82.6	1437		9.760922	
14	1	7	63.6			10.51078	
15	2	7	80.2	1037		11.05669	
16	3	7	98.5	1446	1510	11.52655	

## 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	14	74.8			0.620376	1
1	2	14	58.9	1698		0.808397	
2	1	14	61			1.898415	
3	2	14	82	1900		3.135679	
4	3	14	51.5	1228	1146	3.631812	
5	2	14	64.4	1435		4.333432	
6	1	14	60.1			5.086114	
7	2	14	76.7	1705		5.87317	
8	1	14	53.6			6.46363	
9	2	14	57.7	1285		7.98138	
10	2	14	96.2	1991		8.688668	
11	1	14	58.2			9.160231	
12	1	14	61.6			9.822779	
13	2	14	88.7	1683		10.65258	
14	1	14	59.5			11.92997	

## 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	2	14	66	1590		0.221062	1
1	2	14	88.8	1285		0.918543	
2	2	14	82.4	1311		1.689434	
3	3	14	81.6	1991	1474	1.962268	
4	2	14	67.7	1231		2.721625	
5	2	14	75.4	1400		3.385279	
6	1	14	70.5			4.098587	
7	1	14	77.9			4.470118	
8	1	14	52.3			5.406593	
9	1	14	64.2			6.258679	
10	2	14	50	1474		6.358304	
11	2	14	75.3	1885		7.442019	
12	1	14	87.3			7.632546	
13	2	14	88.2	1981		8.696463	
14	1	14	86.5			9.051743	
15	2	14	64.6	1666		9.593186	
16	1	14	84			10.60078	
17	3	14	53.1	1876	1124	11.32972	
18	1	14	74.5			11.54666	

## 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	3	10	61.3	1158	1474	1.182784	1
1	2	10	84.6	1439		1.838105	
2	3	10	79.8	1641	1405	3.935034	
3	1	10	52.7			4.264936	
4	2	10	53.2	1728		5.465119	
5	2	10	78.1	1394		7.180917	
6	1	10	69			8.563974	
7	3	10	93.7	1610	1562	9.491133	
8	1	10	83.8			10.82647	

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	13	71.2	1345		0.032486	1
1	1	13	60.7			0.903619	
2	1	13	70			1.35844	
3	2	13	70.8	1018		2.454233	
4	2	13	54.1	1272		2.871454	
5	2	13	60.2	1055		3.89255	
6	3	13	79.3	1888	1167	4.498886	
7	2	13	70.8	1531		4.851437	
8	2	13	92.6	1667		5.518088	
9	2	13	87.6	1100		6.445568	
10	2	13	59.1	1191		7.140313	
11	1	13	82.1			7.669183	
12	2	13	82	1651		8.480718	
13	3	13	90.8	1012	1002	9.134839	
14	3	13	72.6	1183	1151	9.361794	
15	1	13	64.6			10.25266	
16	3	13	55.1	1779	1229	10.97539	
17	2	13	63.4	1543		11.69816	

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	97.5			0.657357	1
1	2	11	52.8	1426		1.111572	
2	2	11	93.8	1788		2.389206	
3	3	11	69.5	1142	1406	2.708329	
4	1	11	88.2			3.721558	
5	2	11	70.4	1561		4.675233	
6	2	11	53.6	1990		5.547956	
7	3	11	77.2	1744	1502	5.843187	
8	2	11	93.4	1746		6.693601	
9	2	11	91.8	1466		7.994286	
10	3	11	51.5	1958	1772	8.207748	
11	3	11	89.2	1656	1198	9.309519	
12	2	11	95.2	1789		10.13783	
13	1	11	68.1			10.44847	
14	3	11	54.9	1980	1512	11.415	

## 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	2	13	82.5	1461		0.900562	1
1	2	13	80.6	1819		2.619043	
2	2	13	99.2	1442		2.762202	
3	2	13	61.3	1010		4.504022	
4	2	13	78.3	1662		6.168318	
5	1	13	99.4			6.975534	
6	2	13	92.6	1153		8.177557	
7	2	13	75.9	1067		10.24336	
8	3	13	88.8	1669	1899	11.92317	

## 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	1	14	64.9			0.464847	1
1	1	14	66.8			2.488002	
2	2	14	69.8	1069		2.727804	
3	2	14	52	1555		4.579932	
4	3	14	78.5	1744	1148	5.53526	
5	2	14	85.5	1037		7.111455	
6	2	14	52.3	1159		9.02693	
7	3	14	65.2	1626	1700	9.922116	
8	3	14	67.2	1890	1616	11.37348	



**Radar Type 5-2 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	9	59.7	1140		0.418405	1
1	2	9	86.3	1857		1.256059	
2	2	9	58.8	1525		1.503937	
3	2	9	50	1171		2.448563	
4	2	9	89.8	1360		3.249372	
5	2	9	80	1251		3.846038	
6	2	9	63.4	1771		4.083803	
7	2	9	84.4	1162		5.325691	
8	3	9	85	1255	1909	5.65965	
9	2	9	74.3	1256		6.39798	
10	2	9	63.2	1962		6.9437	
11	3	9	63.4	1457	1257	7.351766	
12	2	9	69.3	1371		8.35456	
13	1	9	99.3			9.294463	
14	2	9	76.1	1525		9.646673	
15	2	9	87.1	1032		10.08835	
16	3	9	89.5	1861	1963	11.26894	
17	3	9	74.2	1432	1647	11.70321	

Statistics 2 (ChirpCenter Frequency: 5260.0 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	74.6			0.332529	1
1	2	19	78.5	1027		1.392947	
2	2	19	56.8	1269		3.164605	
3	2	19	95.2	1811		4.282767	
4	1	19	51			5.69925	
5	2	19	50.6	1584		6.254265	
6	2	19	82.3	1456		8.296167	
7	1	19	68			9.113711	
8	2	19	78.3	1245		10.04837	
9	1	19	54.7			11.78257	

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	8	81.7	1219		0.441837	1
1	1	8	87.6			0.895974	
2	2	8	60.1	1160		1.85086	
3	3	8	68.9	1311	1559	2.921035	
4	1	8	55.8			3.161604	
5	2	8	54.9	1540		3.819259	
6	2	8	56.8	1542		4.529773	
7	2	8	92.8	1317		5.457434	
8	3	8	70.8	1417	1074	6.402773	
9	2	8	74.2	1342		7.359257	
10	3	8	60.1	1346	1683	7.662399	
11	1	8	90.6			8.463295	
12	1	8	85.5			9.529001	
13	2	8	84.8	1992		10.06072	
14	1	8	78.1			11.03881	
15	3	8	99.9	1996	1578	11.72043	

Statistics 4 (ChirpCenter Frequency: 5260.0 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	19	51.8	1658	1054	0.185738	1
1	3	19	51.6	1951	1237	0.806386	
2	2	19	84.9	1512		1.986358	
3	3	19	52.8	1830	1677	2.737759	
4	3	19	97.4	1143	1736	3.027251	
5	2	19	84	1136		4.238954	
6	2	19	98.9	1222		4.741957	
7	2	19	95	1192		5.950035	
8	1	19	79.1			6.069605	
9	3	19	85.9	1130	1112	7.159543	
10	2	19	79.6	1670		8.186085	
11	2	19	92.6	1882		8.993527	
12	2	19	62.1	1649		9.116118	
13	2	19	56.4	1850		10.34441	
14	2	19	90.1	1505		10.91813	
15	2	19	98.7	1175		11.32334	

## Statistics 5 (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	8	98.1	1322		0.198443	1
1	2	8	75.8	1125		1.29366	
2	3	8	99.1	1493	1023	3.481791	
3	2	8	91.5	1827		3.682286	
4	1	8	83.8			5.822087	
5	2	8	70.2	1657		6.884195	
6	1	8	92.7			7.34628	
7	3	8	52.7	1146	1357	8.795127	
8	1	8	54.4			10.64298	
9	2	8	59.9	1977		11.3366	

## Statistics 6 (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	6	58.2			0.515085	1
1	2	6	95.1	1803		0.952882	
2	3	6	85.4	1852	1578	1.503169	
3	2	6	67.9	1560		2.553144	
4	1	6	90.3			2.774872	
5	2	6	53.4	1873		3.691356	
6	3	6	53.2	1377	1202	4.023209	
7	2	6	52.8	1402		5.187829	
8	2	6	95.4	1928		5.50421	
9	2	6	97.7	1767		6.075683	
10	2	6	90.4	1956		7.243711	
11	3	6	65.5	1478	1236	7.847092	
12	2	6	74	1445		8.606416	
13	3	6	84.3	1603	1849	9.024589	
14	1	6	73.3			9.434583	
15	3	6	94.4	1236	1784	10.65445	
16	3	6	97.2	1706	1519	11.21292	
17	3	6	93.7	1729	1675	11.34258	

Statistics 7 (ChirpCenter Frequency: 5257.0 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	13	73.5	1994		0.306679	1
1	2	13	52.2	1607		1.15152	
2	1	13	72.9			2.096497	
3	3	13	69.5	1040	1123	2.443139	
4	2	13	77.1	1543		3.17342	
5	2	13	81.1	1021		3.546249	
6	2	13	96.5	1349		4.860791	
7	1	13	85.4			5.291367	
8	1	13	53.4			5.995101	
9	1	13	70.3			6.817034	
10	1	13	75.3			7.096302	
11	3	13	90	1404	1894	8.288378	
12	2	13	84.3	1090		8.710294	
13	3	13	94.6	1537	1098	9.584397	
14	2	13	60.5	1075		10.3806	
15	1	13	80.5			10.97857	
16	3	13	58.8	1836	1036	11.64713	

Statistics 8 (ChirpCenter Frequency: 5258.0 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	95.8			0.489717	1
1	2	15	86.9	1791		0.939565	
2	2	15	57.8	1155		1.392859	
3	3	15	69.7	1566	1954	2.467623	
4	2	15	65.9	1090		3.06027	
5	2	15	92.9	1159		3.161345	
6	1	15	65.5			4.225666	
7	2	15	96.6	1924		4.858839	
8	2	15	95.3	1396		5.09548	
9	2	15	82.2	1495		6.248708	
10	1	15	86.3			6.916367	
11	2	15	60.7	1300		7.175036	
12	3	15	78.7	1075	1429	7.693564	
13	3	15	99.2	1448	1514	8.752877	
14	3	15	77.7	1147	1988	9.062213	
15	2	15	84.4	1932		9.695842	
16	3	15	58.5	1663	1092	10.67536	
17	2	15	55.7	1885		10.83932	
18	2	15	68.1	1685		11.41787	

## Statistics 9 (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	8	89.7			0.228549	1
1	2	8	54.6	1802		1.196838	
2	1	8	86.4			1.484253	
3	2	8	93.5	1554		2.332413	
4	2	8	99.3	1437		2.985645	
5	2	8	75.6	1098		3.37432	
6	3	8	80.3	1190	1686	4.182694	
7	3	8	91.6	1541	1456	4.83886	
8	2	8	66.9	1189		5.585093	
9	1	8	82.4			5.819291	
10	3	8	63.2	1538	1865	6.573252	
11	2	8	54.2	1614		7.532338	
12	1	8	55.7			8.004983	
13	2	8	91.7	1807		8.345894	
14	3	8	77.3	1677	1252	9.092182	
15	2	8	93	1981		9.490208	
16	2	8	57.9	1485		10.35248	
17	1	8	83			11.33793	
18	1	8	57.9			11.8616	

## Statistics 10 (ChirpCenter Frequency: 5260.0 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	19	66	1483	1621	0.147491	1
1	3	19	87.3	1616	1790	1.047487	
2	3	19	87.2	1436	1496	1.542594	
3	2	19	62.9	1116		1.93661	
4	2	19	56.1	1805		2.953319	
5	2	19	94.4	1309		3.482688	
6	2	19	83.2	1161		4.111853	
7	3	19	71.2	1850	1918	4.907607	
8	1	19	54.7			5.515961	
9	2	19	60.7	1165		5.688222	
10	2	19	66.5	1781		6.838945	
11	1	19	83.9			7.431185	
12	1	19	81.3			8.068888	
13	3	19	76.9	1274	1181	8.649049	
14	1	19	72.2			9.29765	
15	1	19	92.5			9.921064	
16	3	19	54.9	1965	1711	10.54577	
17	2	19	54.9	1501		10.98641	
18	1	19	92.3			11.45866	

**Radar Type 5-3 Statistical Performance**

Statistics 1 (ChirpCenter Frequency: 5321.0 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	62.6	1759		0.162789	1
1	2	18	98.7	1887		1.404610	
2	3	18	60	1311	1990	2.558015	
3	3	18	98.6	1252	1855	2.835727	
4	2	18	72.1	1095		4.178318	
5	2	18	87.9	1384		4.706340	
6	2	18	75.2	1036		5.739493	
7	2	18	54.2	1373		6.431268	
8	1	18	79.1			7.664146	
9	3	18	54.4	1150	1015	7.792297	
10	3	18	61	1205	1064	8.856473	
11	2	18	93.9	1046		10.180346	
12	1	18	59.8			11.013421	
13	3	18	72.7	1328	1388	11.858121	

Statistics 2 (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	3	12	61.1	1952	1027	0.188981	1
1	1	12	75.7			1.293719	
2	1	12	93.7			1.892803	
3	1	12	79.5			3.480100	
4	1	12	59.8			3.831785	
5	1	12	75.4			5.355865	
6	2	12	99.5	1711		5.612181	
7	2	12	69.9	1707		6.627958	
8	2	12	57.8	1921		7.641816	
9	1	12	95.4			9.096696	
10	2	12	67.1	1175		9.592931	
11	1	12	53.7			10.363747	
12	2	12	52.5	1399		11.236082	

Statistics 3 (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	11	80	1963		0.028618	1
1	3	11	89.1	1839	1530	1.509037	
2	1	11	63.9			2.385858	
3	1	11	73.7			3.183250	
4	2	11	100	1946		3.419916	
5	2	11	86.7	1896		4.722727	
6	2	11	96.6	1587		5.541980	
7	3	11	91.3	1338	1197	5.610899	
8	3	11	71	1815	1510	7.011422	
9	2	11	90.2	1079		7.680415	
10	1	11	92.7			8.373686	
11	2	11	55.2	1288		9.576588	
12	2	11	66.3	1476		9.897512	
13	1	11	92.3			10.481658	
14	3	11	92.3	1446	1959	11.861298	

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	1	13	62.3			0.536952	1
1	2	13	83.1	1523		1.104795	
2	2	13	50.7	1105		1.586181	
3	3	13	61.1	1618	1144	2.190980	
4	1	13	62.8			3.371391	
5	2	13	57.8	1709		3.694811	
6	2	13	50.9	1367		4.617247	
7	3	13	63.7	1686	1323	5.638470	
8	2	13	79.9	1681		6.083090	
9	2	13	92.7	1880		6.936331	
10	1	13	57.1			7.089526	
11	2	13	92.8	1927		8.367675	
12	2	13	57.6	1023		8.881513	
13	2	13	97.9	1351		9.250927	
14	2	13	71.8	1704		10.483010	
15	3	13	51.2	1184	1260	11.200443	
16	2	13	65.4	1212		11.680251	

## Statistics 5 (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	10	65.2	1903		0.806398	1
1	2	10	96.2	1785		2.476931	
2	2	10	58	1863		3.214586	
3	3	10	60.4	1719	1488	4.657051	
4	3	10	71.5	1263	1259	5.473842	
5	2	10	60	1037		6.930576	
6	2	10	58.1	1905		8.876405	
7	2	10	54.5	1094		10.510333	
8	1	10	76.2			11.948649	

## Statistics 6 (ChirpCenter Frequency: 5322..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	14	51.6	1868		0.000982	1
1	2	14	63.1	1939		2.994011	
2	3	14	97.8	1821	1284	3.088886	
3	1	14	61.6			5.120535	
4	2	14	86.9	1987		6.381270	
5	2	14	68.1	1391		8.781916	
6	2	14	72.8	1319		10.012048	
7	3	14	98	1426	1685	11.295804	



Statistics 7 (ChirpCenter Frequency: 5321.0 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	18	97.6	1536	1015	0.363193	1
1	2	18	68.5	1562		1.395751	
2	2	18	81.8	1557		2.402517	
3	3	18	51.7	1025	1090	2.759053	
4	3	18	62.2	1009	1704	3.462664	
5	2	18	54.8	1539		4.807769	
6	2	18	64.3	1734		5.464198	
7	2	18	84.1	1465		6.185874	
8	2	18	66	1929		7.350903	
9	3	18	70.4	1206	1889	7.884100	
10	2	18	84.1	1063		9.360498	
11	2	18	96.8	1725		9.496795	
12	2	18	67.1	1128		10.916486	
13	1	18	57			11.298367	

Statistics 8 (ChirpCenter Frequency: 5321.0 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	65.4	1398		0.549351	1
1	3	17	72.6	1638	1696	1.452482	
2	3	17	51.8	1420	1402	3.106122	
3	2	17	80.9	1525		3.589049	
4	2	17	89	1059		4.501683	
5	2	17	83.8	1235		5.939773	
6	3	17	52.6	1267	1418	6.917151	
7	1	17	65.8			8.651131	
8	2	17	71.6	1232		8.773881	
9	2	17	70.5	1980		9.999278	
10	3	17	86.3	1953	1775	11.303780	

Statistics 9 (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	7	65.1			0.124194	1
1	2	7	75.9	1332		1.452771	
2	2	7	98.6	1563		1.713267	
3	3	7	88.1	1576	1469	2.664497	
4	1	7	74.3			3.310210	
5	3	7	95.9	1595	1843	4.283210	
6	2	7	52.2	1254		5.163554	
7	1	7	61.3			6.293520	
8	2	7	50	1820		7.076770	
9	2	7	69.7	1222		7.976668	
10	1	7	90.6			8.026865	
11	1	7	98.6			9.471326	
12	1	7	70			10.294401	
13	1	7	55.4			10.439338	
14	2	7	86	1966		11.300984	

Statistics 10 (ChirpCenter Frequency: 5321.0 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	18	78.3			0.238859	1
1	2	18	74.4	1239		1.221634	
2	2	18	78.1	1372		1.676660	
3	2	18	98.6	1755		2.199210	
4	2	18	81	1460		2.838925	
5	2	18	98.8	1225		3.514774	
6	2	18	71.6	1316		4.381104	
7	2	18	80	1799		4.740952	
8	2	18	87.2	1589		5.596150	
9	2	18	83.4	1133		6.062660	
10	1	18	63.2			6.913306	
11	3	18	56.4	1254	1953	7.174093	
12	2	18	84	1656		8.071155	
13	2	18	62.5	1747		8.778243	
14	2	18	90.8	1289		9.394351	
15	1	18	59.9			9.984838	
16	2	18	51.1	1453		10.663613	
17	2	18	51.8	1186		10.756578	
18	1	18	71.5			11.555197	

**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	5521.0, 5559.0, 5649.0, 5441.0, 5587.0, 5252.0, 5429.0, 5272.0, 5565.0, 5614.0, 5434.0, 5671.0, 5437.0, 5454.0, 5286.0, 5574.0, 5424.0, 5357.0, 5484.0, 5264.0, 5618.0, 5479.0, 5470.0, 5526.0, 5451.0, 5711.0, 5487.0, 5445.0, 5513.0, 5651.0, 5346.0, 5397.0, 5600.0, 5493.0, 5720.0, 5365.0, 5630.0, 5632.0, 5328.0, 5608.0, 5660.0, 5323.0, 5689.0, 5435.0, 5604.0, 5589.0, 5516.0, 5406.0, 5691.0, 5527.0, 5255.0, 5551.0, 5320.0, 5518.0, 5697.0, 5499.0, 5701.0, 5302.0, 5619.0, 5562.0, 5336.0, 5549.0, 5628.0, 5599.0, 5282.0, 5676.0, 5370.0, 5417.0, 5268.0, 5638.0, 5477.0, 5483.0, 5285.0, 5581.0, 5465.0, 5294.0, 5606.0, 5322.0, 5695.0, 5310.0, 5595.0, 5696.0, 5480.0, 5616.0, 5602.0, 5333.0, 5543.0, 5281.0, 5699.0, 5598.0, 5572.0, 5389.0, 5476.0, 5301.0, 5449.0, 5305.0, 5478.0, 5534.0, 5661.0, 5488.0 (number of hits: 17)
2	5290	9	1	333	1	5512.0, 5568.0, 5569.0, 5364.0, 5325.0, 5331.0, 5554.0, 5511.0, 5279.0, 5330.0, 5591.0, 5577.0, 5321.0, 5545.0, 5266.0, 5524.0, 5426.0, 5305.0, 5291.0, 5265.0, 5639.0, 5610.0, 5709.0, 5542.0, 5556.0, 5385.0, 5366.0, 5536.0, 5628.0, 5645.0, 5272.0, 5398.0, 5690.0, 5547.0, 5537.0, 5649.0, 5378.0, 5255.0, 5664.0, 5360.0, 5467.0, 5375.0, 5484.0, 5502.0, 5695.0, 5452.0, 5421.0, 5486.0, 5288.0, 5640.0, 5532.0, 5349.0, 5477.0, 5482.0, 5260.0, 5410.0, 5698.0, 5567.0, 5435.0, 5696.0, 5691.0, 5586.0, 5588.0, 5328.0, 5327.0, 5571.0, 5478.0, 5592.0, 5361.0, 5476.0, 5278.0, 5647.0, 5541.0, 5543.0, 5624.0, 5717.0, 5294.0, 5372.0, 5382.0, 5702.0, 5525.0, 5715.0, 5597.0, 5648.0, 5529.0, 5300.0, 5431.0, 5481.0, 5367.0, 5399.0, 5440.0, 5396.0, 5523.0, 5310.0, 5329.0, 5388.0, 5560.0, 5599.0, 5657.0, 5438.0 (number of hits: 16)
3	5290	9	1	333	1	5405.0, 5692.0, 5620.0, 5651.0, 5342.0, 5508.0, 5359.0, 5617.0, 5358.0, 5363.0, 5619.0, 5396.0, 5331.0, 5660.0, 5661.0, 5647.0, 5671.0, 5642.0, 5556.0, 5414.0, 5663.0, 5343.0, 5428.0, 5339.0, 5344.0, 5510.0, 5497.0, 5417.0, 5483.0, 5324.0, 5426.0, 5289.0, 5377.0, 5350.0, 5456.0, 5474.0, 5286.0, 5427.0, 5378.0, 5340.0, 5719.0, 5451.0, 5703.0, 5678.0, 5686.0, 5655.0, 5261.0, 5691.0, 5721.0, 5301.0, 5422.0, 5439.0, 5652.0, 5582.0, 5681.0,

						5509.0, 5393.0, 5621.0, 5704.0, 5252.0, 5388.0, 5553.0, 5567.0, 5472.0, 5273.0, 5638.0, 5328.0, 5259.0, 5476.0, 5702.0, 5387.0, 5380.0, 5376.0, 5313.0, 5689.0, 5690.0, 5269.0, 5560.0, 5345.0, 5723.0, 5334.0, 5443.0, 5685.0, 5257.0, 5404.0, 5705.0, 5696.0, 5637.0, 5718.0, 5505.0, 5383.0, 5529.0, 5512.0, 5288.0, 5557.0, 5310.0, 5299.0, 5625.0, 5400.0, 5329.0 (number of hits: 14 )
4	5290	9	1	333	1	5671.0, 5407.0, 5655.0, 5284.0, 5368.0, 5518.0, 5507.0, 5582.0, 5411.0, 5297.0, 5279.0, 5653.0, 5353.0, 5424.0, 5475.0, 5644.0, 5495.0, 5438.0, 5506.0, 5320.0, 5718.0, 5697.0, 5423.0, 5466.0, 5531.0, 5543.0, 5261.0, 5323.0, 5481.0, 5461.0, 5280.0, 5680.0, 5276.0, 5720.0, 5251.0, 5652.0, 5341.0, 5263.0, 5470.0, 5707.0, 5258.0, 5685.0, 5514.0, 5483.0, 5286.0, 5699.0, 5328.0, 5396.0, 5376.0, 5312.0, 5579.0, 5552.0, 5309.0, 5634.0, 5583.0, 5525.0, 5254.0, 5631.0, 5426.0, 5691.0, 5349.0, 5509.0, 5705.0, 5281.0, 5670.0, 5639.0, 5291.0, 5345.0, 5310.0, 5274.0, 5313.0, 5702.0, 5701.0, 5693.0, 5668.0, 5597.0, 5574.0, 5463.0, 5572.0, 5695.0, 5489.0, 5467.0, 5331.0, 5439.0, 5436.0, 5325.0, 5363.0, 5451.0, 5465.0, 5338.0, 5613.0, 5327.0, 5433.0, 5343.0, 5550.0, 5285.0, 5318.0, 5289.0, 5434.0, 5545.0 (number of hits: 24 )
5	5290	9	1	333	1	5424.0, 5569.0, 5417.0, 5457.0, 5603.0, 5445.0, 5538.0, 5621.0, 5719.0, 5335.0, 5535.0, 5696.0, 5627.0, 5530.0, 5553.0, 5643.0, 5355.0, 5391.0, 5413.0, 5466.0, 5501.0, 5332.0, 5399.0, 5353.0, 5630.0, 5699.0, 5395.0, 5644.0, 5485.0, 5437.0, 5707.0, 5695.0, 5298.0, 5490.0, 5675.0, 5441.0, 5633.0, 5467.0, 5552.0, 5360.0, 5700.0, 5443.0, 5597.0, 5534.0, 5334.0, 5325.0, 5267.0, 5590.0, 5510.0, 5612.0, 5338.0, 5304.0, 5638.0, 5455.0, 5297.0, 5252.0, 5703.0, 5308.0, 5346.0, 5591.0, 5521.0, 5564.0, 5528.0, 5599.0, 5617.0, 5451.0, 5326.0, 5263.0, 5278.0, 5710.0, 5262.0, 5584.0, 5497.0, 5582.0, 5565.0, 5619.0, 5492.0, 5275.0, 5611.0, 5315.0, 5560.0, 5316.0, 5291.0, 5659.0, 5647.0, 5615.0, 5546.0, 5471.0, 5583.0, 5384.0, 5631.0, 5503.0, 5522.0, 5341.0, 5379.0, 5396.0, 5539.0, 5468.0, 5409.0, 5684.0 (number of hits: 15 )
6	5290	9	1	333	1	5559.0, 5452.0, 5623.0, 5456.0, 5430.0, 5467.0, 5384.0, 5292.0, 5679.0, 5593.0, 5569.0, 5629.0, 5326.0, 5513.0, 5719.0, 5678.0, 5635.0, 5482.0, 5671.0, 5282.0, 5272.0, 5378.0, 5285.0, 5506.0, 5685.0, 5594.0, 5295.0, 5519.0, 5692.0, 5611.0, 5345.0, 5622.0, 5535.0, 5308.0, 5340.0, 5423.0, 5410.0, 5296.0, 5389.0, 5548.0,

						5405.0, 5705.0, 5286.0, 5448.0, 5617.0, 5377.0, 5627.0, 5281.0, 5498.0, 5397.0, 5562.0, 5486.0, 5641.0, 5589.0, 5642.0, 5313.0, 5359.0, 5437.0, 5433.0, 5511.0, 5714.0, 5608.0, 5372.0, 5553.0, 5446.0, 5631.0, 5453.0, 5539.0, 5542.0, 5418.0, 5595.0, 5454.0, 5386.0, 5468.0, 5579.0, 5347.0, 5582.0, 5718.0, 5455.0, 5584.0, 5253.0, 5578.0, 5466.0, 5284.0, 5399.0, 5590.0, 5408.0, 5396.0, 5648.0, 5334.0, 5706.0, 5534.0, 5461.0, 5615.0, 5523.0, 5297.0, 5428.0, 5502.0, 5260.0, 5663.0 (number of hits: 15 )
7	5290	9	1	333	1	5267.0, 5463.0, 5375.0, 5584.0, 5532.0, 5710.0, 5426.0, 5465.0, 5446.0, 5396.0, 5676.0, 5624.0, 5714.0, 5252.0, 5371.0, 5589.0, 5423.0, 5338.0, 5399.0, 5510.0, 5472.0, 5531.0, 5378.0, 5362.0, 5525.0, 5644.0, 5672.0, 5699.0, 5674.0, 5337.0, 5547.0, 5438.0, 5422.0, 5625.0, 5585.0, 5711.0, 5400.0, 5601.0, 5425.0, 5260.0, 5549.0, 5308.0, 5694.0, 5478.0, 5301.0, 5597.0, 5701.0, 5592.0, 5684.0, 5698.0, 5281.0, 5653.0, 5599.0, 5279.0, 5346.0, 5703.0, 5365.0, 5434.0, 5348.0, 5630.0, 5270.0, 5324.0, 5623.0, 5562.0, 5566.0, 5635.0, 5700.0, 5692.0, 5611.0, 5689.0, 5474.0, 5265.0, 5564.0, 5454.0, 5543.0, 5278.0, 5275.0, 5664.0, 5339.0, 5583.0, 5331.0, 5484.0, 5636.0, 5502.0, 5500.0, 5262.0, 5319.0, 5455.0, 5303.0, 5521.0, 5372.0, 5526.0, 5299.0, 5482.0, 5648.0, 5677.0, 5283.0, 5449.0, 5717.0, 5620.0 (number of hits: 17 )
8	5290	9	1	333	1	5477.0, 5708.0, 5499.0, 5344.0, 5714.0, 5424.0, 5309.0, 5341.0, 5530.0, 5295.0, 5342.0, 5660.0, 5289.0, 5358.0, 5386.0, 5574.0, 5570.0, 5642.0, 5659.0, 5387.0, 5627.0, 5569.0, 5631.0, 5610.0, 5716.0, 5604.0, 5667.0, 5283.0, 5550.0, 5379.0, 5269.0, 5615.0, 5576.0, 5436.0, 5624.0, 5339.0, 5547.0, 5441.0, 5575.0, 5677.0, 5352.0, 5711.0, 5691.0, 5312.0, 5364.0, 5654.0, 5520.0, 5713.0, 5419.0, 5308.0, 5434.0, 5478.0, 5453.0, 5299.0, 5582.0, 5338.0, 5437.0, 5601.0, 5311.0, 5682.0, 5286.0, 5695.0, 5332.0, 5350.0, 5556.0, 5712.0, 5521.0, 5593.0, 5464.0, 5537.0, 5420.0, 5473.0, 5493.0, 5457.0, 5504.0, 5259.0, 5474.0, 5670.0, 5346.0, 5486.0, 5455.0, 5431.0, 5281.0, 5435.0, 5649.0, 5460.0, 5590.0, 5411.0, 5393.0, 5345.0, 5467.0, 5637.0, 5658.0, 5442.0, 5722.0, 5362.0, 5536.0, 5330.0, 5657.0, 5348.0 (number of hits: 12 )
9	5290	9	1	333	1	5374.0, 5552.0, 5411.0, 5304.0, 5549.0, 5402.0, 5709.0, 5273.0, 5404.0, 5657.0, 5477.0, 5700.0, 5626.0, 5544.0, 5654.0, 5671.0, 5262.0, 5339.0, 5287.0, 5452.0, 5465.0, 5508.0, 5523.0, 5576.0, 5721.0,

						5652.0, 5607.0, 5520.0, 5628.0, 5338.0, 5445.0, 5664.0, 5541.0, 5507.0, 5370.0, 5546.0, 5665.0, 5261.0, 5492.0, 5550.0, 5420.0, 5675.0, 5614.0, 5600.0, 5332.0, 5442.0, 5345.0, 5574.0, 5651.0, 5333.0, 5649.0, 5653.0, 5322.0, 5510.0, 5344.0, 5493.0, 5461.0, 5384.0, 5531.0, 5362.0, 5315.0, 5643.0, 5418.0, 5372.0, 5462.0, 5298.0, 5610.0, 5467.0, 5636.0, 5285.0, 5533.0, 5504.0, 5663.0, 5593.0, 5635.0, 5690.0, 5324.0, 5378.0, 5711.0, 5694.0, 5501.0, 5367.0, 5645.0, 5588.0, 5692.0, 5300.0, 5535.0, 5666.0, 5557.0, 5325.0, 5470.0, 5556.0, 5701.0, 5398.0, 5547.0, 5567.0, 5424.0, 5688.0, 5486.0, 5275.0 (number of hits: 13)
10	5290	9	1	333	1	5535.0, 5474.0, 5352.0, 5286.0, 5648.0, 5671.0, 5348.0, 5558.0, 5378.0, 5644.0, 5320.0, 5472.0, 5716.0, 5713.0, 5563.0, 5522.0, 5555.0, 5251.0, 5468.0, 5429.0, 5278.0, 5367.0, 5551.0, 5310.0, 5421.0, 5547.0, 5371.0, 5389.0, 5676.0, 5346.0, 5427.0, 5327.0, 5706.0, 5275.0, 5665.0, 5270.0, 5626.0, 5350.0, 5525.0, 5300.0, 5511.0, 5333.0, 5359.0, 5508.0, 5401.0, 5619.0, 5552.0, 5358.0, 5708.0, 5459.0, 5285.0, 5608.0, 5680.0, 5407.0, 5386.0, 5317.0, 5289.0, 5332.0, 5298.0, 5507.0, 5355.0, 5618.0, 5687.0, 5484.0, 5513.0, 5520.0, 5690.0, 5479.0, 5711.0, 5591.0, 5635.0, 5589.0, 5284.0, 5267.0, 5437.0, 5606.0, 5343.0, 5357.0, 5380.0, 5594.0, 5656.0, 5404.0, 5662.0, 5684.0, 5524.0, 5330.0, 5691.0, 5366.0, 5542.0, 5571.0, 5294.0, 5383.0, 5325.0, 5414.0, 5375.0, 5261.0, 5586.0, 5596.0, 5515.0, 5531.0 (number of hits: 17)
11	5290	9	1	333	1	5565.0, 5607.0, 5319.0, 5489.0, 5340.0, 5482.0, 5650.0, 5396.0, 5477.0, 5490.0, 5410.0, 5259.0, 5663.0, 5349.0, 5707.0, 5609.0, 5480.0, 5519.0, 5623.0, 5272.0, 5294.0, 5640.0, 5335.0, 5426.0, 5610.0, 5283.0, 5298.0, 5701.0, 5569.0, 5383.0, 5308.0, 5376.0, 5515.0, 5407.0, 5511.0, 5467.0, 5594.0, 5355.0, 5356.0, 5326.0, 5714.0, 5494.0, 5260.0, 5448.0, 5559.0, 5542.0, 5387.0, 5325.0, 5359.0, 5440.0, 5532.0, 5674.0, 5689.0, 5619.0, 5499.0, 5505.0, 5652.0, 5268.0, 5287.0, 5337.0, 5516.0, 5540.0, 5590.0, 5683.0, 5423.0, 5491.0, 5518.0, 5456.0, 5583.0, 5537.0, 5702.0, 5497.0, 5658.0, 5436.0, 5447.0, 5595.0, 5371.0, 5358.0, 5384.0, 5696.0, 5487.0, 5564.0, 5572.0, 5677.0, 5470.0, 5313.0, 5366.0, 5343.0, 5336.0, 5392.0, 5278.0, 5388.0, 5625.0, 5547.0, 5646.0, 5504.0, 5566.0, 5543.0, 5577.0, 5593.0 (number of hits: 14)
12	5290	9	1	333	1	5259.0, 5684.0, 5521.0, 5279.0, 5344.0, 5469.0, 5479.0, 5555.0, 5564.0, 5466.0,

						5421.0, 5615.0, 5339.0, 5448.0, 5472.0, 5569.0, 5545.0, 5499.0, 5691.0, 5426.0, 5689.0, 5419.0, 5698.0, 5287.0, 5394.0, 5703.0, 5506.0, 5710.0, 5302.0, 5570.0, 5327.0, 5568.0, 5389.0, 5534.0, 5700.0, 5331.0, 5309.0, 5617.0, 5483.0, 5626.0, 5575.0, 5510.0, 5588.0, 5712.0, 5439.0, 5427.0, 5486.0, 5371.0, 5567.0, 5253.0, 5666.0, 5622.0, 5620.0, 5639.0, 5475.0, 5414.0, 5251.0, 5498.0, 5429.0, 5445.0, 5262.0, 5574.0, 5305.0, 5653.0, 5613.0, 5321.0, 5674.0, 5563.0, 5377.0, 5281.0, 5367.0, 5690.0, 5346.0, 5694.0, 5493.0, 5403.0, 5708.0, 5530.0, 5303.0, 5288.0, 5447.0, 5652.0, 5526.0, 5705.0, 5395.0, 5713.0, 5465.0, 5324.0, 5488.0, 5423.0, 5677.0, 5571.0, 5687.0, 5549.0, 5532.0, 5484.0, 5338.0, 5410.0, 5440.0, 5644.0 (number of hits: 14 )
13	5290	9	1	333	1	5558.0, 5625.0, 5373.0, 5578.0, 5291.0, 5459.0, 5484.0, 5697.0, 5354.0, 5416.0, 5599.0, 5589.0, 5378.0, 5707.0, 5724.0, 5494.0, 5629.0, 5401.0, 5680.0, 5506.0, 5512.0, 5465.0, 5502.0, 5437.0, 5445.0, 5301.0, 5715.0, 5258.0, 5390.0, 5676.0, 5330.0, 5456.0, 5340.0, 5289.0, 5423.0, 5597.0, 5550.0, 5296.0, 5612.0, 5640.0, 5573.0, 5510.0, 5272.0, 5575.0, 5567.0, 5495.0, 5532.0, 5403.0, 5579.0, 5352.0, 5411.0, 5533.0, 5425.0, 5549.0, 5679.0, 5250.0, 5647.0, 5594.0, 5452.0, 5508.0, 5497.0, 5351.0, 5300.0, 5335.0, 5283.0, 5648.0, 5407.0, 5657.0, 5360.0, 5574.0, 5665.0, 5375.0, 5368.0, 5410.0, 5598.0, 5601.0, 5623.0, 5337.0, 5345.0, 5538.0, 5542.0, 5400.0, 5426.0, 5505.0, 5381.0, 5453.0, 5427.0, 5323.0, 5710.0, 5602.0, 5374.0, 5709.0, 5350.0, 5626.0, 5262.0, 5548.0, 5327.0, 5593.0, 5259.0, 5412.0 (number of hits: 12 )
14	5290	9	1	333	1	5508.0, 5369.0, 5479.0, 5513.0, 5307.0, 5510.0, 5424.0, 5521.0, 5270.0, 5365.0, 5439.0, 5719.0, 5530.0, 5647.0, 5556.0, 5541.0, 5723.0, 5296.0, 5345.0, 5344.0, 5311.0, 5349.0, 5425.0, 5256.0, 5317.0, 5268.0, 5458.0, 5660.0, 5700.0, 5670.0, 5501.0, 5489.0, 5634.0, 5303.0, 5437.0, 5326.0, 5277.0, 5498.0, 5288.0, 5554.0, 5542.0, 5422.0, 5342.0, 5493.0, 5348.0, 5569.0, 5671.0, 5290.0, 5272.0, 5547.0, 5350.0, 5282.0, 5474.0, 5379.0, 5357.0, 5355.0, 5636.0, 5464.0, 5487.0, 5380.0, 5375.0, 5353.0, 5608.0, 5617.0, 5418.0, 5505.0, 5438.0, 5284.0, 5511.0, 5558.0, 5390.0, 5279.0, 5265.0, 5273.0, 5429.0, 5532.0, 5549.0, 5297.0, 5477.0, 5440.0, 5286.0, 5586.0, 5475.0, 5523.0, 5518.0, 5589.0, 5502.0, 5578.0, 5590.0, 5548.0, 5514.0, 5718.0, 5416.0, 5552.0, 5306.0, 5446.0, 5444.0, 5540.0, 5370.0, 5385.0

						(number of hits: 21 )
15	5290	9	1	333	1	5623.0, 5624.0, 5413.0, 5708.0, 5253.0, 5497.0, 5414.0, 5626.0, 5330.0, 5456.0, 5651.0, 5357.0, 5561.0, 5639.0, 5289.0, 5323.0, 5595.0, 5278.0, 5637.0, 5486.0, 5391.0, 5373.0, 5328.0, 5494.0, 5580.0, 5452.0, 5268.0, 5473.0, 5668.0, 5694.0, 5529.0, 5590.0, 5589.0, 5256.0, 5532.0, 5603.0, 5613.0, 5527.0, 5537.0, 5396.0, 5520.0, 5275.0, 5463.0, 5359.0, 5292.0, 5657.0, 5629.0, 5510.0, 5654.0, 5298.0, 5525.0, 5274.0, 5544.0, 5631.0, 5343.0, 5312.0, 5287.0, 5524.0, 5431.0, 5419.0, 5265.0, 5673.0, 5674.0, 5557.0, 5489.0, 5705.0, 5281.0, 5365.0, 5555.0, 5333.0, 5313.0, 5327.0, 5448.0, 5478.0, 5618.0, 5498.0, 5636.0, 5586.0, 5495.0, 5476.0, 5409.0, 5704.0, 5339.0, 5257.0, 5717.0, 5706.0, 5487.0, 5293.0, 5643.0, 5258.0, 5677.0, 5615.0, 5667.0, 5551.0, 5556.0, 5715.0, 5279.0, 5361.0, 5315.0, 5282.0 (number of hits: 22 )
16	5290	9	1	333	1	5354.0, 5639.0, 5261.0, 5435.0, 5308.0, 5717.0, 5432.0, 5528.0, 5656.0, 5646.0, 5463.0, 5350.0, 5345.0, 5547.0, 5466.0, 5631.0, 5715.0, 5394.0, 5478.0, 5707.0, 5531.0, 5321.0, 5550.0, 5475.0, 5405.0, 5697.0, 5303.0, 5611.0, 5326.0, 5586.0, 5423.0, 5420.0, 5384.0, 5638.0, 5288.0, 5272.0, 5724.0, 5314.0, 5705.0, 5323.0, 5663.0, 5677.0, 5336.0, 5698.0, 5542.0, 5408.0, 5661.0, 5264.0, 5533.0, 5430.0, 5520.0, 5517.0, 5659.0, 5313.0, 5576.0, 5689.0, 5521.0, 5392.0, 5344.0, 5368.0, 5361.0, 5428.0, 5465.0, 5457.0, 5603.0, 5519.0, 5356.0, 5553.0, 5627.0, 5250.0, 5391.0, 5675.0, 5649.0, 5579.0, 5554.0, 5455.0, 5271.0, 5679.0, 5682.0, 5595.0, 5297.0, 5493.0, 5490.0, 5386.0, 5259.0, 5642.0, 5481.0, 5556.0, 5324.0, 5377.0, 5662.0, 5719.0, 5338.0, 5580.0, 5446.0, 5567.0, 5494.0, 5671.0, 5515.0, 5337.0 (number of hits: 15 )
17	5290	9	1	333	1	5388.0, 5629.0, 5360.0, 5723.0, 5560.0, 5422.0, 5529.0, 5381.0, 5677.0, 5654.0, 5279.0, 5567.0, 5266.0, 5642.0, 5661.0, 5593.0, 5665.0, 5382.0, 5548.0, 5282.0, 5695.0, 5686.0, 5480.0, 5721.0, 5466.0, 5447.0, 5574.0, 5692.0, 5409.0, 5700.0, 5578.0, 5420.0, 5271.0, 5259.0, 5662.0, 5500.0, 5467.0, 5655.0, 5298.0, 5604.0, 5589.0, 5465.0, 5294.0, 5525.0, 5337.0, 5622.0, 5319.0, 5516.0, 5646.0, 5417.0, 5334.0, 5701.0, 5349.0, 5602.0, 5628.0, 5385.0, 5472.0, 5413.0, 5348.0, 5391.0, 5275.0, 5657.0, 5390.0, 5510.0, 5451.0, 5673.0, 5712.0, 5341.0, 5412.0, 5554.0, 5502.0, 5670.0, 5350.0, 5663.0, 5296.0, 5545.0, 5476.0, 5557.0, 5648.0, 5505.0, 5254.0, 5632.0, 5627.0, 5620.0, 5437.0



						5281.0, 5471.0, 5509.0, 5347.0, 5563.0, 5591.0, 5361.0, 5696.0, 5594.0, 5346.0, 5288.0, 5317.0, 5595.0, 5704.0, 5373.0 (number of hits: 14 )
18	5290	9	1	333	1	5432.0, 5623.0, 5481.0, 5722.0, 5717.0, 5265.0, 5604.0, 5280.0, 5483.0, 5541.0, 5358.0, 5382.0, 5653.0, 5499.0, 5353.0, 5403.0, 5721.0, 5674.0, 5299.0, 5518.0, 5253.0, 5378.0, 5581.0, 5565.0, 5255.0, 5315.0, 5440.0, 5512.0, 5561.0, 5476.0, 5589.0, 5539.0, 5331.0, 5715.0, 5366.0, 5688.0, 5448.0, 5618.0, 5370.0, 5716.0, 5636.0, 5455.0, 5387.0, 5268.0, 5388.0, 5501.0, 5468.0, 5416.0, 5367.0, 5593.0, 5527.0, 5439.0, 5578.0, 5297.0, 5259.0, 5665.0, 5660.0, 5424.0, 5677.0, 5466.0, 5266.0, 5502.0, 5711.0, 5362.0, 5329.0, 5524.0, 5304.0, 5300.0, 5491.0, 5713.0, 5377.0, 5614.0, 5639.0, 5607.0, 5572.0, 5691.0, 5346.0, 5309.0, 5488.0, 5606.0, 5333.0, 5295.0, 5294.0, 5519.0, 5464.0, 5321.0, 5405.0, 5556.0, 5532.0, 5263.0, 5355.0, 5352.0, 5697.0, 5492.0, 5650.0, 5463.0, 5654.0, 5603.0, 5576.0, 5619.0 (number of hits: 17 )
19	5290	9	1	333	1	5442.0, 5679.0, 5656.0, 5575.0, 5320.0, 5513.0, 5262.0, 5629.0, 5306.0, 5426.0, 5592.0, 5353.0, 5574.0, 5317.0, 5471.0, 5582.0, 5474.0, 5479.0, 5588.0, 5623.0, 5414.0, 5475.0, 5507.0, 5524.0, 5439.0, 5689.0, 5626.0, 5514.0, 5330.0, 5266.0, 5366.0, 5387.0, 5508.0, 5406.0, 5700.0, 5648.0, 5713.0, 5382.0, 5684.0, 5294.0, 5633.0, 5304.0, 5284.0, 5534.0, 5404.0, 5269.0, 5697.0, 5721.0, 5492.0, 5466.0, 5362.0, 5418.0, 5494.0, 5461.0, 5287.0, 5561.0, 5570.0, 5491.0, 5709.0, 5397.0, 5425.0, 5500.0, 5316.0, 5523.0, 5493.0, 5432.0, 5619.0, 5665.0, 5718.0, 5412.0, 5257.0, 5559.0, 5252.0, 5416.0, 5271.0, 5415.0, 5396.0, 5455.0, 5682.0, 5489.0, 5355.0, 5433.0, 5280.0, 5486.0, 5702.0, 5344.0, 5506.0, 5554.0, 5596.0, 5334.0, 5586.0, 5428.0, 5683.0, 5667.0, 5436.0, 5636.0, 5308.0, 5459.0, 5549.0, 5462.0 (number of hits: 16 )
20	5290	9	1	333	1	5394.0, 5575.0, 5539.0, 5693.0, 5380.0, 5396.0, 5371.0, 5708.0, 5550.0, 5673.0, 5294.0, 5652.0, 5374.0, 5487.0, 5405.0, 5540.0, 5657.0, 5344.0, 5408.0, 5464.0, 5691.0, 5261.0, 5636.0, 5478.0, 5723.0, 5522.0, 5474.0, 5692.0, 5593.0, 5293.0, 5456.0, 5633.0, 5381.0, 5284.0, 5567.0, 5253.0, 5358.0, 5353.0, 5675.0, 5360.0, 5537.0, 5624.0, 5264.0, 5524.0, 5448.0, 5595.0, 5415.0, 5316.0, 5681.0, 5292.0, 5412.0, 5377.0, 5315.0, 5510.0, 5638.0, 5579.0, 5348.0, 5714.0, 5619.0, 5626.0, 5494.0, 5325.0, 5548.0, 5504.0, 5443.0, 5438.0, 5384.0, 5302.0, 5500.0, 5428.0,

						5256.0, 5477.0, 5667.0, 5665.0, 5576.0, 5300.0, 5531.0, 5645.0, 5257.0, 5528.0, 5612.0, 5339.0, 5574.0, 5365.0, 5267.0, 5622.0, 5683.0, 5557.0, 5328.0, 5454.0, 5362.0, 5272.0, 5722.0, 5273.0, 5562.0, 5449.0, 5288.0, 5661.0, 5715.0, 5668.0 (number of hits: 18 )
21	5290	9	1	333	1	5460.0, 5542.0, 5500.0, 5350.0, 5703.0, 5650.0, 5596.0, 5501.0, 5632.0, 5417.0, 5266.0, 5420.0, 5288.0, 5289.0, 5471.0, 5352.0, 5722.0, 5705.0, 5354.0, 5437.0, 5493.0, 5327.0, 5441.0, 5373.0, 5319.0, 5536.0, 5355.0, 5678.0, 5648.0, 5495.0, 5449.0, 5291.0, 5479.0, 5374.0, 5606.0, 5283.0, 5369.0, 5653.0, 5445.0, 5594.0, 5517.0, 5562.0, 5468.0, 5516.0, 5551.0, 5262.0, 5644.0, 5311.0, 5481.0, 5522.0, 5337.0, 5303.0, 5557.0, 5280.0, 5643.0, 5579.0, 5392.0, 5637.0, 5287.0, 5383.0, 5322.0, 5667.0, 5261.0, 5356.0, 5357.0, 5558.0, 5717.0, 5347.0, 5395.0, 5391.0, 5359.0, 5590.0, 5604.0, 5670.0, 5713.0, 5477.0, 5295.0, 5250.0, 5306.0, 5528.0, 5635.0, 5439.0, 5396.0, 5620.0, 5432.0, 5720.0, 5447.0, 5684.0, 5296.0, 5673.0, 5299.0, 5675.0, 5627.0, 5559.0, 5514.0, 5484.0, 5398.0, 5442.0, 5603.0, 5581.0 (number of hits: 18 )
22	5290	9	1	333	1	5393.0, 5601.0, 5571.0, 5661.0, 5473.0, 5538.0, 5533.0, 5253.0, 5348.0, 5463.0, 5332.0, 5668.0, 5339.0, 5383.0, 5279.0, 5539.0, 5622.0, 5465.0, 5462.0, 5698.0, 5270.0, 5472.0, 5705.0, 5681.0, 5545.0, 5623.0, 5259.0, 5498.0, 5559.0, 5425.0, 5274.0, 5450.0, 5432.0, 5643.0, 5269.0, 5678.0, 5599.0, 5296.0, 5685.0, 5443.0, 5340.0, 5471.0, 5578.0, 5492.0, 5614.0, 5512.0, 5297.0, 5564.0, 5478.0, 5355.0, 5579.0, 5399.0, 5435.0, 5374.0, 5290.0, 5504.0, 5708.0, 5281.0, 5723.0, 5386.0, 5490.0, 5352.0, 5496.0, 5423.0, 5493.0, 5628.0, 5466.0, 5360.0, 5373.0, 5664.0, 5421.0, 5522.0, 5452.0, 5337.0, 5285.0, 5272.0, 5699.0, 5349.0, 5334.0, 5430.0, 5485.0, 5381.0, 5394.0, 5620.0, 5542.0, 5354.0, 5719.0, 5318.0, 5491.0, 5384.0, 5675.0, 5376.0, 5658.0, 5325.0, 5347.0, 5481.0, 5670.0, 5629.0, 5631.0, 5312.0 (number of hits: 15 )
23	5290	9	1	333	1	5404.0, 5393.0, 5509.0, 5283.0, 5539.0, 5261.0, 5454.0, 5508.0, 5309.0, 5682.0, 5536.0, 5325.0, 5262.0, 5327.0, 5437.0, 5457.0, 5676.0, 5498.0, 5385.0, 5714.0, 5345.0, 5694.0, 5717.0, 5364.0, 5603.0, 5622.0, 5625.0, 5484.0, 5257.0, 5417.0, 5556.0, 5293.0, 5708.0, 5389.0, 5677.0, 5596.0, 5605.0, 5448.0, 5432.0, 5633.0, 5321.0, 5554.0, 5390.0, 5506.0, 5510.0, 5399.0, 5447.0, 5361.0, 5491.0, 5523.0, 5495.0, 5486.0, 5259.0, 5289.0, 5412.0,

						5456.0, 5704.0, 5413.0, 5710.0, 5582.0, 5458.0, 5557.0, 5575.0, 5392.0, 5584.0, 5380.0, 5511.0, 5515.0, 5670.0, 5685.0, 5277.0, 5282.0, 5578.0, 5296.0, 5501.0, 5559.0, 5409.0, 5674.0, 5661.0, 5451.0, 5521.0, 5441.0, 5483.0, 5482.0, 5365.0, 5530.0, 5452.0, 5609.0, 5374.0, 5423.0, 5668.0, 5357.0, 5681.0, 5308.0, 5692.0, 5660.0, 5691.0, 5592.0, 5563.0, 5310.0 (number of hits: 16)
24	5290	9	1	333	1	5291.0, 5614.0, 5398.0, 5363.0, 5647.0, 5311.0, 5460.0, 5337.0, 5714.0, 5437.0, 5320.0, 5650.0, 5366.0, 5376.0, 5586.0, 5528.0, 5304.0, 5340.0, 5574.0, 5423.0, 5352.0, 5635.0, 5380.0, 5514.0, 5593.0, 5342.0, 5501.0, 5275.0, 5661.0, 5499.0, 5481.0, 5558.0, 5524.0, 5322.0, 5620.0, 5531.0, 5395.0, 5567.0, 5459.0, 5516.0, 5596.0, 5539.0, 5694.0, 5403.0, 5668.0, 5682.0, 5280.0, 5712.0, 5338.0, 5410.0, 5680.0, 5414.0, 5716.0, 5326.0, 5624.0, 5498.0, 5476.0, 5629.0, 5267.0, 5632.0, 5657.0, 5506.0, 5509.0, 5584.0, 5701.0, 5568.0, 5359.0, 5675.0, 5493.0, 5672.0, 5582.0, 5277.0, 5287.0, 5617.0, 5436.0, 5585.0, 5465.0, 5577.0, 5312.0, 5590.0, 5648.0, 5321.0, 5381.0, 5425.0, 5457.0, 5658.0, 5718.0, 5645.0, 5444.0, 5466.0, 5306.0, 5264.0, 5428.0, 5513.0, 5260.0, 5429.0, 5690.0, 5705.0, 5368.0, 5603.0 (number of hits: 16)
25	5290	9	1	333	1	5418.0, 5588.0, 5537.0, 5445.0, 5350.0, 5283.0, 5564.0, 5503.0, 5470.0, 5465.0, 5363.0, 5412.0, 5280.0, 5647.0, 5424.0, 5642.0, 5321.0, 5251.0, 5719.0, 5357.0, 5323.0, 5495.0, 5421.0, 5315.0, 5643.0, 5678.0, 5297.0, 5329.0, 5311.0, 5368.0, 5484.0, 5696.0, 5722.0, 5675.0, 5595.0, 5447.0, 5601.0, 5262.0, 5434.0, 5586.0, 5686.0, 5561.0, 5624.0, 5577.0, 5539.0, 5629.0, 5560.0, 5512.0, 5529.0, 5250.0, 5380.0, 5635.0, 5576.0, 5303.0, 5452.0, 5519.0, 5376.0, 5479.0, 5541.0, 5644.0, 5396.0, 5538.0, 5290.0, 5438.0, 5455.0, 5422.0, 5598.0, 5349.0, 5402.0, 5487.0, 5590.0, 5699.0, 5554.0, 5688.0, 5352.0, 5690.0, 5432.0, 5527.0, 5258.0, 5272.0, 5547.0, 5276.0, 5707.0, 5694.0, 5252.0, 5338.0, 5477.0, 5684.0, 5569.0, 5573.0, 5571.0, 5701.0, 5448.0, 5294.0, 5423.0, 5286.0, 5260.0, 5302.0, 5605.0, 5695.0 (number of hits: 18)
26	5290	9	1	333	1	5402.0, 5543.0, 5545.0, 5602.0, 5709.0, 5514.0, 5495.0, 5563.0, 5622.0, 5722.0, 5318.0, 5278.0, 5304.0, 5437.0, 5616.0, 5628.0, 5477.0, 5464.0, 5703.0, 5612.0, 5647.0, 5521.0, 5600.0, 5415.0, 5393.0, 5424.0, 5484.0, 5271.0, 5360.0, 5617.0, 5322.0, 5356.0, 5408.0, 5483.0, 5613.0, 5300.0, 5459.0, 5269.0, 5689.0, 5522.0,

						5422.0, 5538.0, 5420.0, 5536.0, 5653.0, 5349.0, 5507.0, 5683.0, 5418.0, 5302.0, 5417.0, 5552.0, 5446.0, 5365.0, 5687.0, 5548.0, 5610.0, 5562.0, 5534.0, 5547.0, 5665.0, 5641.0, 5326.0, 5354.0, 5310.0, 5523.0, 5539.0, 5646.0, 5706.0, 5606.0, 5453.0, 5457.0, 5445.0, 5421.0, 5471.0, 5258.0, 5631.0, 5577.0, 5262.0, 5345.0, 5597.0, 5291.0, 5366.0, 5604.0, 5564.0, 5404.0, 5343.0, 5313.0, 5697.0, 5386.0, 5571.0, 5527.0, 5586.0, 5389.0, 5458.0, 5651.0, 5688.0, 5499.0, 5719.0, 5636.0 (number of hits: 14 )
27	5290	9	1	333	1	5453.0, 5475.0, 5297.0, 5647.0, 5534.0, 5371.0, 5553.0, 5298.0, 5469.0, 5616.0, 5598.0, 5707.0, 5665.0, 5653.0, 5295.0, 5615.0, 5427.0, 5391.0, 5467.0, 5383.0, 5549.0, 5634.0, 5252.0, 5542.0, 5514.0, 5372.0, 5496.0, 5699.0, 5388.0, 5574.0, 5569.0, 5306.0, 5666.0, 5442.0, 5261.0, 5519.0, 5575.0, 5503.0, 5350.0, 5567.0, 5341.0, 5292.0, 5551.0, 5502.0, 5550.0, 5443.0, 5431.0, 5530.0, 5404.0, 5265.0, 5652.0, 5556.0, 5625.0, 5305.0, 5377.0, 5704.0, 5486.0, 5546.0, 5436.0, 5300.0, 5352.0, 5498.0, 5671.0, 5451.0, 5554.0, 5621.0, 5386.0, 5457.0, 5309.0, 5328.0, 5266.0, 5428.0, 5338.0, 5670.0, 5474.0, 5354.0, 5583.0, 5462.0, 5547.0, 5680.0, 5269.0, 5712.0, 5363.0, 5579.0, 5291.0, 5492.0, 5521.0, 5329.0, 5301.0, 5441.0, 5459.0, 5311.0, 5576.0, 5464.0, 5282.0, 5272.0, 5332.0, 5420.0, 5258.0, 5374.0 (number of hits: 19 )
28	5290	9	1	333	1	5384.0, 5376.0, 5652.0, 5719.0, 5665.0, 5335.0, 5339.0, 5532.0, 5649.0, 5635.0, 5458.0, 5658.0, 5655.0, 5639.0, 5347.0, 5710.0, 5398.0, 5444.0, 5584.0, 5703.0, 5357.0, 5616.0, 5702.0, 5503.0, 5699.0, 5455.0, 5472.0, 5673.0, 5452.0, 5479.0, 5677.0, 5713.0, 5537.0, 5453.0, 5482.0, 5641.0, 5512.0, 5418.0, 5718.0, 5659.0, 5618.0, 5547.0, 5362.0, 5684.0, 5264.0, 5571.0, 5363.0, 5563.0, 5605.0, 5510.0, 5708.0, 5582.0, 5565.0, 5660.0, 5326.0, 5576.0, 5402.0, 5322.0, 5400.0, 5705.0, 5307.0, 5645.0, 5356.0, 5683.0, 5477.0, 5330.0, 5411.0, 5386.0, 5442.0, 5478.0, 5367.0, 5638.0, 5519.0, 5651.0, 5318.0, 5592.0, 5620.0, 5419.0, 5412.0, 5408.0, 5672.0, 5480.0, 5506.0, 5450.0, 5401.0, 5449.0, 5695.0, 5289.0, 5663.0, 5396.0, 5364.0, 5471.0, 5421.0, 5688.0, 5489.0, 5653.0, 5601.0, 5517.0, 5320.0, 5409.0 (number of hits: 7 )
29	5290	9	1	333	1	5543.0, 5589.0, 5598.0, 5495.0, 5297.0, 5710.0, 5317.0, 5470.0, 5438.0, 5412.0, 5593.0, 5499.0, 5577.0, 5696.0, 5370.0, 5668.0, 5279.0, 5358.0, 5318.0, 5264.0, 5413.0, 5507.0, 5701.0, 5301.0, 5558.0,

						5333.0, 5573.0, 5384.0, 5402.0, 5283.0, 5666.0, 5346.0, 5656.0, 5311.0, 5334.0, 5672.0, 5523.0, 5546.0, 5518.0, 5525.0, 5583.0, 5722.0, 5340.0, 5574.0, 5354.0, 5349.0, 5300.0, 5648.0, 5393.0, 5561.0, 5312.0, 5548.0, 5465.0, 5713.0, 5463.0, 5295.0, 5262.0, 5560.0, 5642.0, 5662.0, 5376.0, 5641.0, 5425.0, 5365.0, 5527.0, 5506.0, 5327.0, 5441.0, 5457.0, 5489.0, 5657.0, 5337.0, 5503.0, 5396.0, 5619.0, 5535.0, 5439.0, 5522.0, 5303.0, 5536.0, 5626.0, 5408.0, 5274.0, 5534.0, 5640.0, 5401.0, 5420.0, 5479.0, 5324.0, 5326.0, 5424.0, 5460.0, 5564.0, 5540.0, 5704.0, 5385.0, 5602.0, 5550.0, 5285.0, 5382.0 (number of hits: 18 )
30	5290	9	1	333	1	5261.0, 5652.0, 5275.0, 5710.0, 5417.0, 5596.0, 5691.0, 5706.0, 5500.0, 5568.0, 5339.0, 5433.0, 5551.0, 5583.0, 5341.0, 5478.0, 5672.0, 5650.0, 5353.0, 5474.0, 5486.0, 5444.0, 5366.0, 5683.0, 5276.0, 5515.0, 5298.0, 5412.0, 5315.0, 5594.0, 5262.0, 5408.0, 5560.0, 5548.0, 5435.0, 5476.0, 5621.0, 5394.0, 5386.0, 5429.0, 5553.0, 5449.0, 5509.0, 5392.0, 5269.0, 5373.0, 5519.0, 5552.0, 5485.0, 5578.0, 5282.0, 5658.0, 5671.0, 5349.0, 5309.0, 5253.0, 5646.0, 5700.0, 5410.0, 5505.0, 5301.0, 5705.0, 5490.0, 5516.0, 5574.0, 5545.0, 5595.0, 5484.0, 5268.0, 5670.0, 5290.0, 5590.0, 5543.0, 5348.0, 5718.0, 5311.0, 5488.0, 5391.0, 5637.0, 5385.0, 5532.0, 5584.0, 5314.0, 5405.0, 5630.0, 5572.0, 5475.0, 5411.0, 5308.0, 5278.0, 5675.0, 5624.0, 5389.0, 5716.0, 5606.0, 5695.0, 5272.0, 5438.0, 5618.0, 5460.0 (number of hits: 18 )

**5530MHz**

<b>Radar SignalType</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A</b>	15	93.3%	60%	pass
<b>Type 1B</b>	15	93.3%	60%	pass
<b>Type 2</b>	30	100 %	60%	Pass
<b>Type 3</b>	30	96.7 %	60%	Pass
<b>Type 4</b>	30	100 %	60%	Pass
<b>Aggregate(Type1 to 4)</b>	120	96.66%	80%	Pass
<b>Type 5-1</b>	10	100 %	80%	Pass
<b>Type 5-2</b>	10	90 %	80%	Pass
<b>Type 5-3</b>	10	100 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

Please refer to the following statistical tables:

**Radar Type 1A Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5530	59	1	898	1
2	5530	70	1	758	1
3	5530	86	1	618	1
4	5530	83	1	638	1
5	5530	62	1	858	1
6	5530	102	1	518	1
7	5530	67	1	798	1
8	5530	18	1	3066	0
9	5530	76	1	698	1
10	5530	74	1	718	1
11	5530	72	1	738	1
12	5530	95	1	558	1
13	5530	89	1	598	1
14	5530	92	1	578	1
15	5530	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	5530	93	1	570	1
2	5530	50	1	1076	1
3	5530	29	1	1842	1
4	5530	22	1	2410	0
5	5530	44	1	1225	1
6	5530	27	1	1963	1
7	5530	23	1	2337	1
8	5530	78	1	677	1
9	5530	80	1	668	1
10	5530	44	1	1218	1
11	5530	22	1	2461	1
12	5530	22	1	2478	1
13	5530	26	1	2051	1
14	5530	41	1	1289	1
15	5530	24	1	2262	1
Detection Percentage: 93.3 % (>60%)					

**Radar Type 2 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5530	24	4.5	219	1
2	5530	27	4.7	176	1
3	5530	28	2.6	229	1
4	5530	23	2	184	1
5	5530	24	3.6	166	1
6	5530	29	3.9	201	1
7	5530	25	3	167	1
8	5530	24	3.6	160	1
9	5530	25	3.6	178	1
10	5530	26	1	202	1
11	5530	26	2.1	153	1
12	5530	24	2.1	164	1
13	5530	24	3.2	206	1
14	5530	28	4	162	1
15	5530	25	4.8	209	1
16	5530	24	3.3	223	1
17	5530	29	3.5	204	1
18	5530	29	1	192	1
19	5530	26	4.6	175	1
20	5530	24	4.9	196	1
21	5530	24	1.8	208	1
22	5530	26	4.3	189	1
23	5530	25	4.3	159	1
24	5530	28	1.2	203	1
25	5530	28	3.6	194	1
26	5530	27	4.3	180	1
27	5530	24	2.2	166	1
28	5530	29	3.2	166	1
29	5530	26	1.3	180	1
30	5530	26	1.2	164	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					



**Radar Type 3 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5530	17	7.8	219	1
2	5530	18	6.1	336	1
3	5530	16	6.4	427	1
4	5530	16	8.9	431	1
5	5530	18	9.4	453	1
6	5530	18	6.2	411	1
7	5530	16	8.3	472	1
8	5530	16	9.9	325	1
9	5530	16	6.7	494	1
10	5530	16	7.8	478	1
11	5530	16	8.7	310	1
12	5530	17	6.6	211	1
13	5530	17	6.6	435	1
14	5530	18	6.1	370	1
15	5530	18	10	221	1
16	5530	17	9.9	394	1
17	5530	17	9.8	485	1
18	5530	16	9.6	462	1
19	5530	17	9.4	452	1
20	5530	16	8	451	1
21	5530	17	9.3	410	1
22	5530	17	6.4	247	1
23	5530	18	9.3	238	1
24	5530	17	7	272	1
25	5530	17	7.1	482	1
26	5530	16	7.3	404	1
27	5530	17	6.2	291	1
28	5530	18	9.1	409	1
29	5530	18	9.6	286	0
30	5530	16	9.8	426	1
<b>Detection Percentage: 96.7 % (&gt;60%)</b>					

**Radar Type 4 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5530	16	18.8	364	1
2	5530	14	13.9	424	1
3	5530	16	14.2	236	1
4	5530	13	14.3	263	1
5	5530	16	19.3	221	1
6	5530	14	17	490	1
7	5530	13	13.8	485	1
8	5530	16	13.8	447	1
9	5530	13	20	289	1
10	5530	15	14.3	399	1
11	5530	13	20	315	1
12	5530	14	14.2	446	1
13	5530	13	17.4	313	1
14	5530	15	16.8	235	1
15	5530	12	13.1	266	1
16	5530	16	17.8	349	1
17	5530	15	14.6	424	1
18	5530	14	11.1	452	1
19	5530	13	13.8	394	1
20	5530	16	15.8	279	1
21	5530	15	19.8	257	1
22	5530	16	11.1	489	1
23	5530	12	18.4	231	1
24	5530	16	17.3	264	1
25	5530	15	14.7	264	1
26	5530	15	18.9	266	1
27	5530	16	18.8	209	1
28	5530	13	16.3	350	1
29	5530	13	20	292	1
30	5530	14	18.2	240	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 5-1 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	14	87	1412		1.160713	1
1	2	14	90.3	1668		1.760522	
2	1	14	91			3.274818	
3	2	14	70.1	1358		3.67399	
4	1	14	81.3			5.89901	
5	3	14	85.7	1728	1109	6.230397	
6	2	14	99.1	1977		8.118694	
7	1	14	58.6			8.686869	
8	2	14	82.5	1541		10.11485	
9	2	14	79.2	1102		11.49742	

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	12	80.3	1523		0.108188	1
1	1	12	71.7			1.190275	
2	2	12	62.5	1435		1.736094	
3	2	12	57.4	1593		2.586395	
4	3	12	71.1	1379	1353	3.261264	
5	3	12	52.6	1804	1844	3.83712	
6	3	12	59	1039	1896	4.682304	
7	2	12	50.5	1315		5.50254	
8	2	12	50.1	1691		6.126648	
9	3	12	77.4	1471	1601	6.664088	
10	2	12	80.7	1519		7.656204	
11	2	12	73.8	1564		7.982379	
12	2	12	82.3	1202		9.075148	
13	2	12	58.3	1186		9.361901	
14	2	12	92.1	1692		10.35688	
15	1	12	57.5			10.99526	
16	2	12	84.9	1660		11.80315	

## 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	2	10	78.9	1941		0.237967	1
1	3	10	64.8	1913	1201	1.220486	
2	2	10	72.7	1319		1.468388	
3	3	10	74.4	1364	1150	2.243906	
4	2	10	83.2	1152		2.961691	
5	2	10	98.4	1423		3.776909	
6	3	10	88.3	1181	1108	4.133264	
7	1	10	66.4			4.448923	
8	2	10	96.2	1643		5.095757	
9	3	10	67.7	1076	1996	5.690158	
10	2	10	77.2	1739		6.928092	
11	2	10	54.8	1414		7.136261	
12	1	10	77.7			7.799016	
13	1	10	95.4			8.279481	
14	3	10	77.9	1282	1477	9.12411	
15	3	10	75.5	1207	1631	9.583949	
16	1	10	77.2			10.43132	
17	2	10	65.9	1056		10.92424	
18	2	10	91.1	1164		11.80402	

## 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	2	11	91.5	1644		0.596713	1
1	3	11	52.8	1189	1460	0.910972	
2	3	11	74	1848	1781	1.5399	
3	2	11	66.9	1266		2.2909	
4	3	11	56.3	1342	1217	2.700247	
5	2	11	71.6	1440		3.511947	
6	2	11	87.9	1609		3.940201	
7	2	11	71.9	1900		4.940347	
8	1	11	79			5.583457	
9	2	11	87.2	1017		6.105305	
10	2	11	58.7	1164		6.942987	
11	3	11	74.6	1189	1078	7.222656	
12	3	11	72.2	1554	1264	7.944746	
13	2	11	71.3	1872		8.3331	
14	1	11	57.8			9.103647	
15	2	11	85.6	1935		9.55782	
16	2	11	52	1896		10.41677	
17	1	11	84			10.88654	
18	2	11	82.4	1861		11.90722	

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	13	99.9			0.579304	1
1	2	13	76.2	1073		0.796163	
2	2	13	78.4	1919		1.974909	
3	2	13	93	1727		2.31271	
4	1	13	56.7			2.860995	
5	2	13	65	1868		3.791959	
6	2	13	63.2	1178		4.356896	
7	2	13	62.5	1196		5.288397	
8	2	13	61.5	1560		5.355171	
9	1	13	87.8			6.342722	
10	2	13	70.9	1120		7.304074	
11	3	13	99.2	1147	1017	7.701321	
12	2	13	71.3	1167		8.154628	
13	1	13	81			8.878326	
14	2	13	83.1	1843		9.659271	
15	1	13	61.7			10.25112	
16	3	13	99.5	1173	1661	10.84168	
17	2	13	71.8	1202		11.37505	

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	3	12	75.7	1941	1221	0.55845	1
1	2	12	84.5	1160		1.437087	
2	2	12	58	1066		2.155531	
3	2	12	52.5	1663		2.614897	
4	3	12	75.2	1460	1533	3.849415	
5	2	12	72.1	1627		4.246574	
6	2	12	94.8	1266		5.367936	
7	1	12	62.6			6.325213	
8	2	12	55.4	1298		6.977081	
9	1	12	85.4			7.823923	
10	2	12	87.8	1096		8.17293	
11	2	12	51.3	1340		9.287483	
12	3	12	68.2	1151	1776	10.30498	
13	2	12	91.6	1661		11.17803	
14	2	12	74.1	1974		11.44555	

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	6	70.6	1893		1.090626	1
1	3	6	92.9	1301	1531	2.546397	
2	2	6	75.9	1414		2.879497	
3	2	6	68.5	1387		5.168738	
4	2	6	55.5	1478		6.50674	
5	1	6	80.8			7.665328	
6	2	6	89	1184		8.210051	
7	3	6	89.7	1133	1232	10.11894	
8	1	6	57			11.95757	

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	5	73.4	1940		0.452825	1
1	1	5	61.3			1.621785	
2	1	5	61.3			2.250351	
3	1	5	62.4			3.617401	
4	2	5	89.5	1810		4.101612	
5	2	5	58.5	1762		5.399144	
6	3	5	99	1709	1831	6.656584	
7	3	5	98.3	1155	1407	7.694153	
8	2	5	84.6	1827		8.890148	
9	2	5	81.7	1778		9.525803	
10	2	5	56.2	1027		10.34583	
11	2	5	63.2	1194		11.89666	

## 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	3	9	81.5	1948	1598	0.901681	1
1	3	9	95.7	1114	1160	1.218261	
2	1	9	71.7			2.262304	
3	1	9	88.9			3.191891	
4	2	9	94.1	1427		4.596903	
5	3	9	82.6	1920	1631	5.329797	
6	3	9	76.8	1811	1839	6.069301	
7	1	9	78.3			6.617173	
8	1	9	71.4			7.765033	
9	3	9	75.9	1355	1367	8.728697	
10	1	9	56.7			9.878561	
11	1	9	68.9			10.24903	
12	2	9	98.5	1889		11.43791	

## 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	3	8	86.4	1711	1508	0.648091	1
1	2	8	99.7	1001		1.247176	
2	3	8	74.3	1229	1872	1.847986	
3	3	8	66.6	1878	1471	2.744736	
4	2	8	79.5	1806		2.905418	
5	3	8	92.3	1645	1192	3.832803	
6	2	8	70.2	1552		4.467877	
7	3	8	92.5	1269	1047	4.942817	
8	2	8	81.1	1638		5.656318	
9	2	8	78	1370		6.961289	
10	1	8	68.6			7.361416	
11	2	8	73.1	1595		8.428871	
12	2	8	54	1302		8.90908	
13	3	8	59.8	1791	1534	9.431129	
14	2	8	69.1	1737		10.1477	
15	3	8	73.3	1652	1579	10.80604	
16	3	8	85.1	1531	1214	11.46207	

**Radar Type 5-2 Statistical Performance**

Statistics 1 (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	13	61.2	1517		0.217857	1
1	2	13	60.3	1720		2.38417	
2	2	13	98.1	1439		2.88254	
3	2	13	75.3	1732		4.06455	
4	3	13	87.1	1005	1931	4.936282	
5	2	13	55.4	1947		6.83904	
6	2	13	60.4	1566		8.222033	
7	1	13	65.8			8.581868	
8	2	13	96	1302		10.35842	
9	2	13	64.6	1877		11.09556	

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	3	11	87.7	1091	1111	0.203773	1
1	3	11	52.5	1326	1367	1.064468	
2	1	11	54.4			1.907394	
3	3	11	85.4	1401	1155	2.253578	
4	2	11	52.9	1617		2.827595	
5	2	11	71.8	1104		3.560616	
6	1	11	54.8			4.295098	
7	1	11	63.2			5.608477	
8	2	11	75.2	1567		6.342162	
9	1	11	55.1			6.469104	
10	1	11	50.8			7.539723	
11	1	11	86.1			8.259313	
12	2	11	71	1697		8.56074	
13	2	11	53.3	1333		9.363763	
14	2	11	99.5	1847		10.44602	
15	1	11	69.7			10.99691	
16	3	11	64	1121	1677	11.99147	



Statistics 3 (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	6	75.9	1406		0.204752	1
1	2	6	93.8	1024		1.137075	
2	2	6	53.7	1225		1.600387	
3	2	6	60.3	1122		2.353937	
4	3	6	94.6	1364	1312	3.466435	
5	3	6	61.8	1416	1522	4.062666	
6	3	6	56.8	1126	1122	5.240628	
7	2	6	66.7	1875		5.596488	
8	3	6	63.4	1135	1566	6.567836	
9	2	6	92.1	1025		7.305721	
10	1	6	72.1			7.965554	
11	2	6	95.5	1563		8.848221	
12	1	6	52.5			9.636826	
13	3	6	94.3	1751	1755	9.812884	
14	2	6	60	1496		10.52823	
15	2	6	91.1	1674		11.60337	

Statistics 4 (ChirpCenter Frequency: 5499.0 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	54.1	1917		0.526042	1
1	1	18	81.2			0.805698	
2	3	18	57.4	1268	1402	1.51167	
3	2	18	57.3	1839		2.143643	
4	2	18	71.4	1177		2.786765	
5	3	18	89.3	1273	1061	3.574482	
6	3	18	79.1	1435	1736	4.255064	
7	2	18	55.8	1254		4.833904	
8	2	18	81.4	1407		5.676845	
9	1	18	92.2			6.539195	
10	1	18	78.7			7.135602	
11	1	18	78.4			7.639282	
12	3	18	60.6	1230	1390	8.598676	
13	3	18	68.6	1525	1031	9.169289	
14	2	18	66.1	1800		9.426893	
15	1	18	55.5			10.07789	
16	2	18	79.3	1277		11.07703	
17	2	18	90.6	1417		11.96983	

## Statistics 5 (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	15	89.7	1348		0.752092	1
1	2	15	96	1462		1.861026	
2	1	15	57.8			2.809705	
3	1	15	56.5			3.408678	
4	2	15	93	1589		4.241559	
5	2	15	82.4	1782		5.513087	
6	1	15	71.6			6.690941	
7	2	15	57	1292		7.147333	
8	2	15	95.8	1268		8.073929	
9	2	15	88.8	1861		9.249167	
10	3	15	54.2	1041	1512	10.18877	
11	3	15	73.9	1992	1275	11.05224	

## 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	6	76.2	1460		0.466757	0
1	2	6	75.3	1593		1.55829	
2	2	6	71.4	1110		1.750832	
3	3	6	55.3	1608	1659	2.718985	
4	3	6	54.2	1009	1497	3.935163	
5	1	6	58.8			4.384818	
6	1	6	94.4			5.303839	
7	3	6	100	1337	1960	5.888129	
8	3	6	71.4	1638	1661	6.44303	
9	2	6	54.5	1921		7.883019	
10	2	6	96.8	1170		8.53511	
11	1	6	77.8			9.502109	
12	3	6	74.7	1139	1541	9.879288	
13	3	6	59.6	1329	1243	10.48553	
14	2	6	58.7	1539		11.91626	

## Statistics 7 (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	6	93.5	1131		0.99853	1
1	2	6	89.9	1346		1.30044	
2	2	6	91.2	1702		2.966422	
3	2	6	80.7	1631		4.350029	
4	1	6	73.4			4.975219	
5	2	6	57.4	1407		7.120312	
6	3	6	56.9	1901	1243	7.69695	
7	2	6	96.9	1161		9.398185	
8	2	6	81	1371		9.693263	
9	3	6	92.7	1253	1486	11.74302	

## Statistics 8 (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	1	12	51.6			0.434348	1
1	2	12	76.8	1827		1.373701	
2	3	12	53.8	1282	1841	1.991434	
3	1	12	94.5			2.605275	
4	2	12	81	1727		3.138689	
5	3	12	70	1389	1766	3.874243	
6	2	12	87.4	1809		4.819864	
7	2	12	87.9	1177		5.274872	
8	2	12	63.3	1346		6.178793	
9	1	12	62.4			6.83285	
10	3	12	68.6	1920	1142	7.710078	
11	1	12	59.4			8.13335	
12	2	12	95.7	1746		9.153292	
13	2	12	68.7	1253		9.437143	
14	2	12	79.1	1569		10.06112	
15	2	12	61.1	1234		10.99632	
16	1	12	89.9			11.69315	

Statistics 9 (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	2	19	54.7	1391		0.619402	1
1	1	19	96.6			1.192505	
2	2	19	64.5	1082		1.993758	
3	3	19	51.8	1272	1915	2.74239	
4	2	19	52.1	1687		3.534842	
5	3	19	94.2	1083	1563	4.59605	
6	3	19	92.4	1231	1914	4.973684	
7	2	19	94.9	1577		5.640678	
8	2	19	67	1484		6.792143	
9	2	19	55.8	1928		7.395384	
10	1	19	75.6			8.144883	
11	3	19	83.4	1292	1701	8.885862	
12	2	19	86.9	1143		10.25557	
13	2	19	83.6	1984		11.19084	
14	1	19	89.6			11.28507	

Statistics 10 (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	12	67.9	1859		0.614061	1
1	2	12	58.6	1413		1.691096	
2	3	12	53.1	1889	1480	3.520302	
3	3	12	56.4	1671	1544	5.64755	
4	1	12	92.8			6.446683	
5	1	12	70			8.274798	
6	2	12	81.4	1799		10.19553	
7	1	12	88.4			11.52702	

**Radar Type 5-3 Statistical Performance**

Statistics 1 (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	2	14	75.7	1212		1.068018	1
1	2	14	56.5	1915		2.9346	
2	1	14	66.7			3.165371	
3	2	14	99.5	1755		5.552792	
4	3	14	86.8	1024	1286	6.855101	
5	2	14	87.8	1220		8.077031	
6	2	14	66.7	1660		9.11593	
7	3	14	64.6	1313	1953	11.55054	

Statistics 2 (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	1	14	85.6			0.451953	1
1	1	14	72.7			1.195006	
2	2	14	92.2	1868		1.829578	
3	2	14	50.8	1202		2.277523	
4	3	14	72.2	1475	1606	3.008193	
5	2	14	60.7	1891		3.82888	
6	2	14	98.9	1789		4.321309	
7	3	14	61.8	1893	1464	5.232726	
8	1	14	76.5			5.448995	
9	2	14	61	1591		6.644081	
10	1	14	87.7			7.090942	
11	1	14	75.3			7.655357	
12	1	14	53			8.271778	
13	1	14	96.2			8.697402	
14	3	14	63.3	1913	1427	9.563975	
15	2	14	64	1423		10.52025	
16	2	14	90.7	1445		10.85566	
17	3	14	77.5	1345	1402	11.41626	

## Statistics 3 (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	5	62.5	1388	1875	0.108324	1
1	2	5	79.5	1021		0.840839	
2	3	5	99.8	1642	1758	1.430868	
3	3	5	99.3	1836	1188	2.117257	
4	1	5	80.7			2.835174	
5	1	5	76.2			3.292374	
6	2	5	62.6	1176		4.24135	
7	2	5	58.2	1189		4.782604	
8	2	5	55.1	1961		5.622162	
9	2	5	58.4	1912		6.241933	
10	1	5	61.1			6.473305	
11	2	5	78.7	1743		7.55888	
12	3	5	73.4	1799	1703	7.992228	
13	3	5	77.4	1837	1349	8.620088	
14	1	5	58.5			9.159895	
15	3	5	72.1	1260	1084	9.743163	
16	2	5	63.4	1433		10.14528	
17	2	5	94.8	1780		10.79923	
18	2	5	67.6	1014		11.98518	

## Statistics 4 (ChirpCenter Frequency: 5561.0 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	56.1	1825		0.713039	1
1	2	17	90.7	1853		1.687984	
2	2	17	74.4	1509		2.141787	
3	3	17	80.9	1678	1497	3.066077	
4	2	17	72.5	1723		4.296555	
5	2	17	67.4	1675		5.334873	
6	2	17	89.2	1886		5.99625	
7	1	17	80.8			7.011139	
8	2	17	51	1169		7.486419	
9	1	17	89.9			8.636624	
10	2	17	82.3	1032		9.807821	
11	2	17	82.8	1967		10.64749	
12	2	17	57.2	1674		11.31359	

## Statistics 5 (ChirpCenter Frequency: 5561.0 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	18	93.5	1817	1069	0.9662	1
1	3	18	86	1037	1040	1.608758	
2	3	18	89	1936	1010	2.354465	
3	2	18	63	1784		3.790416	
4	2	18	78.1	1040		4.405245	
5	2	18	98.6	1072		6.200679	
6	2	18	84.3	1336		6.717194	
7	3	18	53.6	1608	1973	8.55158	
8	2	18	90.7	1433		8.894245	
9	2	18	55	1698		10.57446	
10	3	18	61.9	1969	1794	11.59127	

## Statistics 6 (ChirpCenter Frequency: 5563.0 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	96.4	1927		0.077949	1
1	2	12	95.2	1054		1.062828	
2	2	12	55.5	1511		1.946743	
3	2	12	84.3	1811		2.40088	
4	3	12	80.6	1530	1168	3.209657	
5	1	12	84			3.733713	
6	2	12	94.7	1402		4.215143	
7	2	12	80.8	1123		5.191396	
8	1	12	67.6			5.338418	
9	1	12	82.7			6.622082	
10	3	12	83.8	1418	1362	7.244926	
11	2	12	66.2	1334		7.652112	
12	1	12	83.6			8.412702	
13	1	12	69.3			8.717506	
14	3	12	74	1310	1951	9.489785	
15	2	12	64.4	1190		10.5553	
16	3	12	75.8	1766	1636	11.00772	
17	2	12	87.4	1879		11.34396	

## Statistics 7 (ChirpCenter Frequency: 5563.0 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	65.8	1696		0.747526	1
1	1	13	73.7			2.066266	
2	3	13	93.6	1987	1795	2.183318	
3	2	13	88.9	1807		3.63576	
4	2	13	53.2	1046		4.543884	
5	2	13	94.6	1563		5.819295	
6	2	13	75.4	1888		7.573011	
7	2	13	98.1	1353		7.902829	
8	1	13	86.8			9.467376	
9	1	13	64.1			10.04462	
10	2	13	80.4	1717		11.95776	

## Statistics 8 (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	14	56.8	1021	1182	0.610586	1
1	1	14	93.3			1.144267	
2	2	14	85.4	1311		2.355569	
3	1	14	90			2.739836	
4	1	14	87.7			3.414634	
5	2	14	81	1868		4.680138	
6	2	14	51.8	1643		5.330113	
7	2	14	89.4	1686		6.096256	
8	3	14	89.3	1344	1937	6.58685	
9	1	14	80.7			7.994388	
10	2	14	62.7	1222		8.568469	
11	2	14	82.7	1825		9.587442	
12	2	14	77	1946		9.646929	
13	2	14	72.9	1660		10.45359	
14	1	14	86.4			11.64451	



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	2	15	63.7	1253		0.001174	1
1	1	15	78.9			0.861765	
2	1	15	67.9			1.773027	
3	2	15	87	1235		2.370562	
4	2	15	94.4	1356		2.785407	
5	1	15	70.9			3.262794	
6	2	15	71.6	1823		3.761326	
7	2	15	85.6	1779		4.599447	
8	1	15	54.7			5.107477	
9	3	15	85.8	1201	1261	5.89758	
10	2	15	77.3	1444		6.28187	
11	2	15	58.4	1608		6.793179	
12	2	15	65	1181		7.629064	
13	2	15	94.6	1524		8.012622	
14	3	15	66.1	1762	1585	8.425024	
15	1	15	55			9.296992	
16	1	15	62.1			10.06307	
17	2	15	70.1	1423		10.49697	
18	3	15	81.7	1382	1118	11.03168	
19	2	15	96.3	1808		11.48056	

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	3	11	61.2	1016	1787	0.370307	1
1	2	11	76.4	1674		0.751313	
2	3	11	71.9	1614	1671	1.773866	
3	3	11	84.7	1169	1911	2.507252	
4	2	11	69.9	1902		3.084081	
5	1	11	83.9			3.206876	
6	2	11	86.8	1570		3.924746	
7	1	11	97.5			4.448115	
8	3	11	97.5	1212	1324	5.54956	
9	3	11	61.1	1608	1159	5.917515	
10	1	11	56			6.394325	
11	1	11	68.2			7.453307	
12	1	11	78.8			7.650456	
13	1	11	73.3			8.625974	
14	2	11	69.6	1676		9.220905	
15	2	11	85.3	1308		9.702342	
16	1	11	77.6			10.47617	
17	2	11	74.4	1633		11.25608	
18	1	11	95.2			11.65062	

**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	5577.0, 5688.0, 5706.0, 5370.0, 5605.0, 5720.0, 5378.0, 5599.0, 5256.0, 5259.0, 5373.0, 5328.0, 5578.0, 5686.0, 5428.0, 5435.0, 5254.0, 5529.0, 5574.0, 5345.0, 5436.0, 5614.0, 5570.0, 5597.0, 5722.0, 5560.0, 5581.0, 5707.0, 5257.0, 5721.0, 5684.0, 5476.0, 5448.0, 5379.0, 5303.0, 5467.0, 5478.0, 5537.0, 5455.0, 5615.0, 5262.0, 5263.0, 5400.0, 5432.0, 5640.0, 5663.0, 5297.0, 5426.0, 5430.0, 5360.0, 5443.0, 5441.0, 5447.0, 5473.0, 5484.0, 5314.0, 5566.0, 5409.0, 5586.0, 5710.0, 5603.0, 5623.0, 5444.0, 5515.0, 5673.0, 5716.0, 5523.0, 5489.0, 5316.0, 5365.0, 5648.0, 5425.0, 5385.0, 5564.0, 5287.0, 5568.0, 5546.0, 5387.0, 5408.0, 5697.0, 5702.0, 5550.0, 5394.0, 5390.0, 5571.0, 5405.0, 5526.0, 5298.0, 5510.0, 5326.0, 5637.0, 5468.0, 5420.0, 5376.0, 5694.0, 5404.0, 5347.0, 5619.0, 5359.0, 5652.0 (number of hits: 11 )
2	5530	9	1	333	1	5608.0, 5260.0, 5637.0, 5562.0, 5258.0, 5519.0, 5428.0, 5449.0, 5280.0, 5490.0, 5568.0, 5537.0, 5661.0, 5634.0, 5712.0, 5366.0, 5453.0, 5632.0, 5392.0, 5682.0, 5395.0, 5623.0, 5326.0, 5491.0, 5270.0, 5281.0, 5529.0, 5464.0, 5461.0, 5299.0, 5601.0, 5282.0, 5559.0, 5262.0, 5641.0, 5429.0, 5590.0, 5336.0, 5284.0, 5580.0, 5329.0, 5617.0, 5658.0, 5475.0, 5531.0, 5679.0, 5720.0, 5505.0, 5436.0, 5516.0, 5340.0, 5523.0, 5277.0, 5469.0, 5301.0, 5664.0, 5324.0, 5548.0, 5613.0, 5528.0, 5263.0, 5553.0, 5372.0, 5362.0, 5621.0, 5593.0, 5463.0, 5293.0, 5571.0, 5542.0, 5348.0, 5425.0, 5487.0, 5311.0, 5488.0, 5347.0, 5538.0, 5434.0, 5554.0, 5503.0, 5401.0, 5626.0, 5380.0, 5357.0, 5314.0, 5294.0, 5552.0, 5437.0, 5479.0, 5484.0, 5400.0, 5698.0, 5388.0, 5694.0, 5662.0, 5545.0, 5652.0, 5250.0, 5415.0, 5423.0 (number of hits: 18 )
3	5530	9	1	333	1	5374.0, 5484.0, 5361.0, 5600.0, 5345.0, 5539.0, 5662.0, 5604.0, 5252.0, 5468.0, 5502.0, 5647.0, 5331.0, 5387.0, 5548.0, 5572.0, 5630.0, 5272.0, 5583.0, 5556.0, 5643.0, 5326.0, 5538.0, 5348.0, 5377.0, 5498.0, 5667.0, 5275.0, 5547.0, 5312.0, 5324.0, 5395.0, 5614.0, 5334.0, 5408.0, 5336.0, 5444.0, 5483.0, 5549.0, 5709.0, 5381.0, 5264.0, 5543.0, 5349.0, 5554.0, 5530.0, 5682.0, 5629.0, 5496.0, 5333.0, 5511.0, 5606.0, 5669.0, 5363.0, 5504.0,

						5536.0, 5332.0, 5320.0, 5718.0, 5292.0, 5460.0, 5261.0, 5295.0, 5410.0, 5478.0, 5491.0, 5289.0, 5550.0, 5645.0, 5405.0, 5360.0, 5358.0, 5489.0, 5329.0, 5404.0, 5680.0, 5435.0, 5661.0, 5357.0, 5632.0, 5585.0, 5356.0, 5367.0, 5723.0, 5508.0, 5610.0, 5597.0, 5565.0, 5464.0, 5654.0, 5598.0, 5306.0, 5581.0, 5621.0, 5524.0, 5254.0, 5316.0, 5615.0, 5255.0, 5453.0 (number of hits: 19 )
4	5530	9	1	333	1	5523.0, 5713.0, 5309.0, 5435.0, 5637.0, 5621.0, 5302.0, 5550.0, 5268.0, 5255.0, 5425.0, 5601.0, 5496.0, 5673.0, 5602.0, 5539.0, 5378.0, 5468.0, 5658.0, 5663.0, 5280.0, 5387.0, 5654.0, 5474.0, 5367.0, 5661.0, 5607.0, 5706.0, 5306.0, 5261.0, 5481.0, 5559.0, 5298.0, 5292.0, 5680.0, 5552.0, 5593.0, 5651.0, 5517.0, 5653.0, 5411.0, 5614.0, 5603.0, 5389.0, 5437.0, 5675.0, 5522.0, 5608.0, 5508.0, 5391.0, 5422.0, 5596.0, 5506.0, 5331.0, 5645.0, 5446.0, 5569.0, 5428.0, 5257.0, 5317.0, 5273.0, 5357.0, 5262.0, 5598.0, 5494.0, 5498.0, 5710.0, 5342.0, 5618.0, 5684.0, 5697.0, 5664.0, 5691.0, 5329.0, 5289.0, 5568.0, 5567.0, 5679.0, 5413.0, 5671.0, 5294.0, 5616.0, 5702.0, 5635.0, 5340.0, 5475.0, 5549.0, 5291.0, 5384.0, 5321.0, 5711.0, 5674.0, 5488.0, 5556.0, 5495.0, 5441.0, 5414.0, 5622.0, 5514.0, 5330.0 (number of hits: 17 )
5	5530	9	1	333	1	5403.0, 5342.0, 5678.0, 5301.0, 5636.0, 5429.0, 5621.0, 5329.0, 5474.0, 5561.0, 5287.0, 5350.0, 5704.0, 5509.0, 5654.0, 5533.0, 5457.0, 5380.0, 5495.0, 5357.0, 5420.0, 5662.0, 5641.0, 5520.0, 5712.0, 5646.0, 5441.0, 5652.0, 5567.0, 5664.0, 5259.0, 5619.0, 5452.0, 5376.0, 5648.0, 5549.0, 5668.0, 5293.0, 5548.0, 5660.0, 5296.0, 5303.0, 5691.0, 5319.0, 5455.0, 5706.0, 5469.0, 5268.0, 5409.0, 5307.0, 5582.0, 5346.0, 5279.0, 5400.0, 5603.0, 5365.0, 5283.0, 5299.0, 5594.0, 5305.0, 5722.0, 5557.0, 5663.0, 5392.0, 5418.0, 5630.0, 5422.0, 5485.0, 5607.0, 5615.0, 5518.0, 5458.0, 5433.0, 5611.0, 5425.0, 5390.0, 5321.0, 5416.0, 5325.0, 5314.0, 5298.0, 5517.0, 5292.0, 5399.0, 5419.0, 5470.0, 5477.0, 5345.0, 5568.0, 5550.0, 5338.0, 5483.0, 5361.0, 5714.0, 5713.0, 5577.0, 5565.0, 5501.0, 5261.0, 5631.0 (number of hits: 14 )
6	5530	9	1	333	1	5377.0, 5379.0, 5563.0, 5356.0, 5614.0, 5400.0, 5398.0, 5670.0, 5382.0, 5673.0, 5705.0, 5706.0, 5312.0, 5383.0, 5678.0, 5275.0, 5496.0, 5468.0, 5576.0, 5287.0, 5439.0, 5539.0, 5445.0, 5456.0, 5396.0, 5325.0, 5425.0, 5551.0, 5485.0, 5558.0, 5530.0, 5698.0, 5470.0, 5619.0, 5601.0, 5297.0, 5472.0, 5545.0, 5552.0, 5484.0,

						5498.0, 5700.0, 5257.0, 5461.0, 5632.0, 5665.0, 5718.0, 5667.0, 5362.0, 5347.0, 5519.0, 5684.0, 5618.0, 5401.0, 5330.0, 5458.0, 5499.0, 5486.0, 5309.0, 5265.0, 5611.0, 5430.0, 5348.0, 5592.0, 5524.0, 5320.0, 5476.0, 5349.0, 5306.0, 5570.0, 5627.0, 5560.0, 5469.0, 5341.0, 5290.0, 5358.0, 5540.0, 5529.0, 5419.0, 5334.0, 5666.0, 5582.0, 5687.0, 5459.0, 5692.0, 5572.0, 5364.0, 5280.0, 5613.0, 5549.0, 5641.0, 5617.0, 5284.0, 5423.0, 5675.0, 5508.0, 5259.0, 5407.0, 5657.0, 5626.0 (number of hits: 17)
7	5530	9	1	333	1	5591.0, 5290.0, 5341.0, 5411.0, 5675.0, 5662.0, 5406.0, 5640.0, 5371.0, 5523.0, 5281.0, 5705.0, 5420.0, 5364.0, 5657.0, 5621.0, 5560.0, 5270.0, 5342.0, 5455.0, 5438.0, 5608.0, 5623.0, 5680.0, 5471.0, 5526.0, 5443.0, 5278.0, 5259.0, 5312.0, 5392.0, 5697.0, 5263.0, 5525.0, 5361.0, 5482.0, 5685.0, 5567.0, 5350.0, 5614.0, 5599.0, 5495.0, 5655.0, 5533.0, 5659.0, 5624.0, 5649.0, 5611.0, 5357.0, 5293.0, 5627.0, 5539.0, 5316.0, 5706.0, 5279.0, 5409.0, 5403.0, 5395.0, 5432.0, 5423.0, 5367.0, 5318.0, 5265.0, 5619.0, 5515.0, 5419.0, 5468.0, 5652.0, 5448.0, 5339.0, 5383.0, 5711.0, 5647.0, 5481.0, 5492.0, 5333.0, 5461.0, 5372.0, 5677.0, 5282.0, 5563.0, 5469.0, 5355.0, 5694.0, 5518.0, 5447.0, 5353.0, 5285.0, 5606.0, 5507.0, 5520.0, 5692.0, 5549.0, 5660.0, 5554.0, 5401.0, 5324.0, 5297.0, 5426.0, 5656.0 (number of hits: 16)
8	5530	9	1	333	1	5327.0, 5374.0, 5494.0, 5316.0, 5463.0, 5613.0, 5665.0, 5691.0, 5438.0, 5408.0, 5512.0, 5647.0, 5621.0, 5549.0, 5467.0, 5492.0, 5366.0, 5557.0, 5675.0, 5695.0, 5552.0, 5332.0, 5672.0, 5612.0, 5300.0, 5521.0, 5605.0, 5263.0, 5392.0, 5669.0, 5505.0, 5609.0, 5587.0, 5381.0, 5656.0, 5604.0, 5251.0, 5718.0, 5687.0, 5528.0, 5361.0, 5259.0, 5518.0, 5447.0, 5688.0, 5603.0, 5540.0, 5670.0, 5673.0, 5477.0, 5620.0, 5256.0, 5402.0, 5458.0, 5433.0, 5472.0, 5423.0, 5653.0, 5280.0, 5297.0, 5654.0, 5394.0, 5650.0, 5288.0, 5496.0, 5353.0, 5661.0, 5610.0, 5323.0, 5469.0, 5517.0, 5535.0, 5545.0, 5678.0, 5692.0, 5388.0, 5715.0, 5450.0, 5320.0, 5704.0, 5275.0, 5308.0, 5301.0, 5590.0, 5686.0, 5277.0, 5542.0, 5289.0, 5681.0, 5389.0, 5632.0, 5574.0, 5413.0, 5507.0, 5589.0, 5466.0, 5479.0, 5575.0, 5454.0, 5410.0 (number of hits: 17)
9	5530	9	1	333	1	5538.0, 5357.0, 5674.0, 5481.0, 5281.0, 5402.0, 5597.0, 5345.0, 5529.0, 5365.0, 5614.0, 5487.0, 5383.0, 5432.0, 5441.0, 5624.0, 5418.0, 5292.0, 5254.0, 5430.0, 5532.0, 5369.0, 5518.0, 5335.0, 5549.0,

						5333.0, 5283.0, 5424.0, 5401.0, 5297.0, 5446.0, 5470.0, 5547.0, 5528.0, 5460.0, 5466.0, 5260.0, 5444.0, 5324.0, 5638.0, 5468.0, 5705.0, 5286.0, 5314.0, 5658.0, 5558.0, 5370.0, 5414.0, 5395.0, 5282.0, 5452.0, 5562.0, 5609.0, 5352.0, 5504.0, 5661.0, 5589.0, 5625.0, 5699.0, 5683.0, 5492.0, 5320.0, 5521.0, 5399.0, 5412.0, 5503.0, 5318.0, 5497.0, 5560.0, 5453.0, 5613.0, 5693.0, 5675.0, 5571.0, 5396.0, 5630.0, 5290.0, 5564.0, 5628.0, 5361.0, 5269.0, 5687.0, 5397.0, 5523.0, 5294.0, 5718.0, 5422.0, 5587.0, 5289.0, 5592.0, 5591.0, 5533.0, 5596.0, 5253.0, 5660.0, 5348.0, 5502.0, 5257.0, 5366.0, 5670.0 (number of hits: 19)
10	5530	9	1	333	1	5297.0, 5300.0, 5614.0, 5588.0, 5641.0, 5491.0, 5707.0, 5599.0, 5616.0, 5687.0, 5477.0, 5639.0, 5643.0, 5600.0, 5709.0, 5464.0, 5650.0, 5370.0, 5705.0, 5487.0, 5638.0, 5692.0, 5572.0, 5504.0, 5527.0, 5275.0, 5295.0, 5334.0, 5353.0, 5498.0, 5378.0, 5456.0, 5311.0, 5605.0, 5636.0, 5436.0, 5667.0, 5468.0, 5442.0, 5433.0, 5534.0, 5360.0, 5547.0, 5676.0, 5503.0, 5606.0, 5490.0, 5396.0, 5556.0, 5387.0, 5437.0, 5496.0, 5613.0, 5610.0, 5645.0, 5392.0, 5693.0, 5266.0, 5688.0, 5530.0, 5626.0, 5414.0, 5678.0, 5307.0, 5420.0, 5544.0, 5492.0, 5352.0, 5479.0, 5675.0, 5461.0, 5481.0, 5398.0, 5346.0, 5423.0, 5269.0, 5280.0, 5471.0, 5637.0, 5617.0, 5716.0, 5584.0, 5644.0, 5476.0, 5458.0, 5555.0, 5596.0, 5267.0, 5663.0, 5262.0, 5484.0, 5298.0, 5386.0, 5383.0, 5357.0, 5341.0, 5612.0, 5546.0, 5608.0, 5465.0 (number of hits: 13)
11	5530	9	1	333	1	5504.0, 5274.0, 5568.0, 5495.0, 5491.0, 5517.0, 5502.0, 5621.0, 5516.0, 5451.0, 5468.0, 5372.0, 5540.0, 5342.0, 5426.0, 5364.0, 5292.0, 5591.0, 5376.0, 5694.0, 5617.0, 5587.0, 5427.0, 5354.0, 5389.0, 5421.0, 5489.0, 5282.0, 5452.0, 5634.0, 5308.0, 5723.0, 5391.0, 5618.0, 5465.0, 5663.0, 5281.0, 5547.0, 5632.0, 5358.0, 5373.0, 5440.0, 5531.0, 5579.0, 5553.0, 5417.0, 5320.0, 5715.0, 5463.0, 5580.0, 5345.0, 5406.0, 5546.0, 5625.0, 5501.0, 5263.0, 5415.0, 5574.0, 5433.0, 5654.0, 5374.0, 5622.0, 5542.0, 5606.0, 5643.0, 5361.0, 5615.0, 5589.0, 5267.0, 5507.0, 5480.0, 5371.0, 5635.0, 5696.0, 5602.0, 5490.0, 5582.0, 5695.0, 5488.0, 5393.0, 5338.0, 5664.0, 5559.0, 5368.0, 5341.0, 5377.0, 5412.0, 5386.0, 5290.0, 5523.0, 5446.0, 5269.0, 5683.0, 5331.0, 5499.0, 5314.0, 5271.0, 5718.0, 5647.0, 5253.0 (number of hits: 16)
12	5530	9	1	333	1	5340.0, 5644.0, 5668.0, 5556.0, 5716.0, 5572.0, 5675.0, 5637.0, 5601.0, 5673.0,

						5350.0, 5462.0, 5617.0, 5412.0, 5271.0, 5542.0, 5324.0, 5516.0, 5457.0, 5624.0, 5308.0, 5506.0, 5657.0, 5450.0, 5419.0, 5378.0, 5380.0, 5625.0, 5415.0, 5579.0, 5356.0, 5285.0, 5656.0, 5369.0, 5278.0, 5608.0, 5711.0, 5577.0, 5707.0, 5480.0, 5652.0, 5600.0, 5633.0, 5591.0, 5341.0, 5541.0, 5391.0, 5526.0, 5555.0, 5564.0, 5508.0, 5563.0, 5519.0, 5303.0, 5307.0, 5487.0, 5464.0, 5610.0, 5351.0, 5382.0, 5678.0, 5517.0, 5411.0, 5292.0, 5381.0, 5328.0, 5511.0, 5594.0, 5347.0, 5536.0, 5509.0, 5583.0, 5597.0, 5507.0, 5327.0, 5338.0, 5445.0, 5488.0, 5557.0, 5431.0, 5429.0, 5703.0, 5549.0, 5441.0, 5283.0, 5696.0, 5546.0, 5692.0, 5677.0, 5436.0, 5548.0, 5578.0, 5435.0, 5466.0, 5621.0, 5685.0, 5365.0, 5473.0, 5476.0, 5276.0 (number of hits: 20 )
13	5530	9	1	333	1	5484.0, 5346.0, 5590.0, 5711.0, 5424.0, 5645.0, 5631.0, 5376.0, 5609.0, 5606.0, 5529.0, 5435.0, 5370.0, 5687.0, 5499.0, 5468.0, 5332.0, 5712.0, 5535.0, 5644.0, 5653.0, 5284.0, 5526.0, 5554.0, 5347.0, 5718.0, 5615.0, 5313.0, 5325.0, 5373.0, 5490.0, 5612.0, 5512.0, 5655.0, 5646.0, 5455.0, 5312.0, 5445.0, 5673.0, 5515.0, 5447.0, 5674.0, 5380.0, 5638.0, 5642.0, 5276.0, 5665.0, 5450.0, 5323.0, 5473.0, 5488.0, 5426.0, 5588.0, 5262.0, 5358.0, 5378.0, 5311.0, 5565.0, 5510.0, 5391.0, 5696.0, 5274.0, 5610.0, 5481.0, 5324.0, 5715.0, 5623.0, 5286.0, 5495.0, 5367.0, 5503.0, 5628.0, 5634.0, 5430.0, 5365.0, 5423.0, 5670.0, 5285.0, 5357.0, 5714.0, 5601.0, 5688.0, 5534.0, 5265.0, 5602.0, 5458.0, 5551.0, 5466.0, 5310.0, 5260.0, 5569.0, 5341.0, 5336.0, 5392.0, 5618.0, 5337.0, 5577.0, 5661.0, 5699.0, 5597.0 (number of hits: 13 )
14	5530	9	1	333	1	5574.0, 5427.0, 5296.0, 5658.0, 5442.0, 5385.0, 5694.0, 5569.0, 5290.0, 5483.0, 5304.0, 5723.0, 5620.0, 5708.0, 5266.0, 5403.0, 5250.0, 5709.0, 5328.0, 5554.0, 5580.0, 5282.0, 5398.0, 5566.0, 5295.0, 5363.0, 5357.0, 5623.0, 5676.0, 5452.0, 5555.0, 5463.0, 5262.0, 5450.0, 5645.0, 5526.0, 5409.0, 5469.0, 5533.0, 5643.0, 5561.0, 5348.0, 5604.0, 5327.0, 5583.0, 5423.0, 5588.0, 5396.0, 5431.0, 5420.0, 5285.0, 5491.0, 5320.0, 5429.0, 5655.0, 5456.0, 5605.0, 5661.0, 5257.0, 5407.0, 5550.0, 5512.0, 5340.0, 5314.0, 5465.0, 5713.0, 5258.0, 5615.0, 5540.0, 5516.0, 5457.0, 5519.0, 5377.0, 5356.0, 5332.0, 5693.0, 5684.0, 5627.0, 5479.0, 5446.0, 5654.0, 5449.0, 5448.0, 5648.0, 5601.0, 5585.0, 5503.0, 5312.0, 5717.0, 5544.0, 5255.0, 5675.0, 5663.0, 5372.0, 5365.0, 5577.0, 5317.0, 5567.0, 5718.0, 5380.0

						(number of hits: 14 )
15	5530	9	1	333	1	5640.0, 5522.0, 5273.0, 5579.0, 5709.0, 5586.0, 5632.0, 5593.0, 5269.0, 5574.0, 5650.0, 5442.0, 5459.0, 5285.0, 5349.0, 5582.0, 5590.0, 5684.0, 5449.0, 5673.0, 5275.0, 5407.0, 5516.0, 5567.0, 5317.0, 5653.0, 5614.0, 5379.0, 5599.0, 5703.0, 5432.0, 5425.0, 5678.0, 5520.0, 5428.0, 5403.0, 5584.0, 5526.0, 5554.0, 5281.0, 5325.0, 5486.0, 5710.0, 5661.0, 5556.0, 5332.0, 5298.0, 5474.0, 5685.0, 5638.0, 5662.0, 5299.0, 5517.0, 5623.0, 5677.0, 5277.0, 5370.0, 5430.0, 5427.0, 5511.0, 5348.0, 5287.0, 5525.0, 5385.0, 5252.0, 5648.0, 5461.0, 5557.0, 5367.0, 5294.0, 5411.0, 5680.0, 5537.0, 5541.0, 5409.0, 5700.0, 5328.0, 5270.0, 5721.0, 5720.0, 5359.0, 5654.0, 5372.0, 5434.0, 5414.0, 5718.0, 5447.0, 5711.0, 5296.0, 5251.0, 5605.0, 5395.0, 5533.0, 5437.0, 5274.0, 5545.0, 5519.0, 5508.0, 5352.0, 5446.0 (number of hits: 17 )
16	5530	9	1	333	1	5685.0, 5379.0, 5637.0, 5402.0, 5605.0, 5257.0, 5583.0, 5462.0, 5508.0, 5378.0, 5627.0, 5339.0, 5282.0, 5524.0, 5568.0, 5663.0, 5472.0, 5316.0, 5581.0, 5587.0, 5313.0, 5503.0, 5262.0, 5454.0, 5507.0, 5311.0, 5569.0, 5397.0, 5367.0, 5600.0, 5370.0, 5648.0, 5417.0, 5675.0, 5606.0, 5356.0, 5607.0, 5571.0, 5475.0, 5647.0, 5673.0, 5523.0, 5341.0, 5288.0, 5255.0, 5623.0, 5271.0, 5546.0, 5547.0, 5286.0, 5490.0, 5406.0, 5418.0, 5261.0, 5678.0, 5461.0, 5298.0, 5439.0, 5419.0, 5612.0, 5328.0, 5349.0, 5408.0, 5666.0, 5443.0, 5444.0, 5424.0, 5646.0, 5684.0, 5693.0, 5264.0, 5613.0, 5722.0, 5394.0, 5484.0, 5269.0, 5395.0, 5466.0, 5689.0, 5385.0, 5698.0, 5664.0, 5604.0, 5390.0, 5284.0, 5292.0, 5334.0, 5669.0, 5491.0, 5277.0, 5680.0, 5305.0, 5528.0, 5690.0, 5442.0, 5566.0, 5428.0, 5403.0, 5536.0, 5706.0 (number of hits: 10 )
17	5530	9	1	333	1	5374.0, 5615.0, 5683.0, 5465.0, 5342.0, 5628.0, 5588.0, 5306.0, 5651.0, 5671.0, 5696.0, 5485.0, 5382.0, 5632.0, 5384.0, 5479.0, 5609.0, 5550.0, 5348.0, 5539.0, 5715.0, 5355.0, 5326.0, 5639.0, 5641.0, 5514.0, 5637.0, 5505.0, 5594.0, 5335.0, 5704.0, 5494.0, 5714.0, 5724.0, 5277.0, 5675.0, 5284.0, 5484.0, 5468.0, 5470.0, 5376.0, 5330.0, 5666.0, 5394.0, 5381.0, 5590.0, 5584.0, 5523.0, 5508.0, 5263.0, 5612.0, 5691.0, 5377.0, 5297.0, 5711.0, 5500.0, 5432.0, 5442.0, 5703.0, 5557.0, 5428.0, 5347.0, 5643.0, 5457.0, 5439.0, 5269.0, 5701.0, 5525.0, 5702.0, 5366.0, 5476.0, 5510.0, 5444.0, 5586.0, 5658.0, 5665.0, 5535.0, 5323.0, 5461.0, 5563.0, 5552.0, 5629.0, 5435.0, 5581.0, 5569.0

						5262.0, 5503.0, 5397.0, 5259.0, 5626.0, 5363.0, 5527.0, 5460.0, 5614.0, 5663.0, 5591.0, 5583.0, 5512.0, 5469.0, 5307.0 (number of hits: 17 )
18	5530	9	1	333	1	5540.0, 5440.0, 5608.0, 5712.0, 5257.0, 5559.0, 5528.0, 5379.0, 5665.0, 5432.0, 5455.0, 5580.0, 5403.0, 5604.0, 5428.0, 5439.0, 5607.0, 5632.0, 5390.0, 5627.0, 5346.0, 5259.0, 5314.0, 5631.0, 5408.0, 5435.0, 5539.0, 5700.0, 5422.0, 5397.0, 5574.0, 5671.0, 5467.0, 5438.0, 5696.0, 5600.0, 5683.0, 5495.0, 5398.0, 5293.0, 5464.0, 5466.0, 5582.0, 5437.0, 5260.0, 5405.0, 5471.0, 5553.0, 5462.0, 5280.0, 5595.0, 5374.0, 5650.0, 5458.0, 5519.0, 5628.0, 5433.0, 5419.0, 5406.0, 5431.0, 5318.0, 5291.0, 5253.0, 5384.0, 5500.0, 5461.0, 5667.0, 5637.0, 5698.0, 5543.0, 5692.0, 5351.0, 5605.0, 5661.0, 5703.0, 5360.0, 5371.0, 5635.0, 5290.0, 5505.0, 5412.0, 5391.0, 5377.0, 5258.0, 5715.0, 5265.0, 5282.0, 5522.0, 5664.0, 5473.0, 5517.0, 5366.0, 5385.0, 5652.0, 5485.0, 5506.0, 5276.0, 5386.0, 5476.0, 5544.0 (number of hits: 14 )
19	5530	9	1	333	1	5252.0, 5314.0, 5376.0, 5588.0, 5560.0, 5539.0, 5413.0, 5449.0, 5423.0, 5257.0, 5455.0, 5699.0, 5493.0, 5489.0, 5526.0, 5484.0, 5715.0, 5251.0, 5293.0, 5619.0, 5563.0, 5408.0, 5592.0, 5720.0, 5357.0, 5678.0, 5290.0, 5253.0, 5452.0, 5338.0, 5477.0, 5451.0, 5525.0, 5638.0, 5259.0, 5650.0, 5323.0, 5620.0, 5359.0, 5474.0, 5673.0, 5279.0, 5300.0, 5400.0, 5272.0, 5250.0, 5363.0, 5429.0, 5310.0, 5677.0, 5352.0, 5410.0, 5648.0, 5518.0, 5417.0, 5691.0, 5566.0, 5686.0, 5402.0, 5705.0, 5718.0, 5517.0, 5311.0, 5283.0, 5431.0, 5495.0, 5450.0, 5433.0, 5340.0, 5593.0, 5516.0, 5261.0, 5671.0, 5407.0, 5618.0, 5661.0, 5596.0, 5589.0, 5653.0, 5424.0, 5622.0, 5308.0, 5313.0, 5418.0, 5463.0, 5714.0, 5422.0, 5690.0, 5561.0, 5696.0, 5482.0, 5693.0, 5481.0, 5273.0, 5317.0, 5583.0, 5535.0, 5459.0, 5381.0, 5639.0 (number of hits: 13 )
20	5530	9	1	333	1	5300.0, 5302.0, 5438.0, 5332.0, 5639.0, 5467.0, 5609.0, 5534.0, 5666.0, 5617.0, 5594.0, 5645.0, 5278.0, 5288.0, 5398.0, 5425.0, 5277.0, 5563.0, 5275.0, 5440.0, 5460.0, 5479.0, 5377.0, 5255.0, 5308.0, 5629.0, 5632.0, 5592.0, 5498.0, 5489.0, 5565.0, 5283.0, 5391.0, 5359.0, 5427.0, 5350.0, 5487.0, 5383.0, 5578.0, 5477.0, 5543.0, 5533.0, 5312.0, 5531.0, 5720.0, 5718.0, 5721.0, 5636.0, 5472.0, 5693.0, 5574.0, 5341.0, 5458.0, 5552.0, 5687.0, 5459.0, 5417.0, 5659.0, 5492.0, 5577.0, 5449.0, 5616.0, 5435.0, 5468.0, 5640.0, 5647.0, 5322.0, 5710.0, 5354.0, 5541.0,



						5409.0, 5649.0, 5643.0, 5500.0, 5546.0, 5618.0, 5496.0, 5539.0, 5452.0, 5291.0, 5644.0, 5396.0, 5548.0, 5698.0, 5423.0, 5333.0, 5307.0, 5670.0, 5494.0, 5694.0, 5593.0, 5445.0, 5628.0, 5310.0, 5323.0, 5363.0, 5631.0, 5621.0, 5399.0, 5337.0 (number of hits: 16)
21	5530	9	1	333	1	5268.0, 5366.0, 5283.0, 5596.0, 5352.0, 5521.0, 5391.0, 5599.0, 5625.0, 5345.0, 5426.0, 5428.0, 5441.0, 5661.0, 5445.0, 5291.0, 5307.0, 5259.0, 5294.0, 5561.0, 5405.0, 5565.0, 5386.0, 5383.0, 5255.0, 5699.0, 5431.0, 5590.0, 5443.0, 5530.0, 5709.0, 5500.0, 5686.0, 5671.0, 5337.0, 5718.0, 5394.0, 5723.0, 5320.0, 5357.0, 5622.0, 5508.0, 5585.0, 5577.0, 5554.0, 5502.0, 5413.0, 5315.0, 5471.0, 5604.0, 5721.0, 5475.0, 5681.0, 5360.0, 5482.0, 5708.0, 5415.0, 5658.0, 5527.0, 5313.0, 5506.0, 5687.0, 5579.0, 5333.0, 5552.0, 5271.0, 5498.0, 5569.0, 5480.0, 5348.0, 5274.0, 5370.0, 5299.0, 5540.0, 5446.0, 5328.0, 5640.0, 5295.0, 5387.0, 5553.0, 5341.0, 5510.0, 5402.0, 5368.0, 5302.0, 5323.0, 5434.0, 5278.0, 5491.0, 5430.0, 5309.0, 5380.0, 5607.0, 5611.0, 5267.0, 5514.0, 5581.0, 5325.0, 5350.0, 5301.0 (number of hits: 16)
22	5530	9	1	333	1	5554.0, 5435.0, 5644.0, 5488.0, 5535.0, 5455.0, 5692.0, 5690.0, 5359.0, 5426.0, 5407.0, 5679.0, 5448.0, 5678.0, 5640.0, 5625.0, 5723.0, 5589.0, 5657.0, 5486.0, 5580.0, 5548.0, 5616.0, 5340.0, 5454.0, 5599.0, 5423.0, 5608.0, 5478.0, 5663.0, 5536.0, 5356.0, 5531.0, 5438.0, 5259.0, 5639.0, 5272.0, 5343.0, 5333.0, 5456.0, 5306.0, 5722.0, 5430.0, 5271.0, 5260.0, 5529.0, 5710.0, 5318.0, 5344.0, 5720.0, 5326.0, 5378.0, 5570.0, 5715.0, 5635.0, 5497.0, 5398.0, 5251.0, 5515.0, 5377.0, 5336.0, 5364.0, 5567.0, 5267.0, 5667.0, 5683.0, 5396.0, 5693.0, 5588.0, 5386.0, 5682.0, 5702.0, 5716.0, 5409.0, 5482.0, 5316.0, 5700.0, 5373.0, 5335.0, 5540.0, 5399.0, 5296.0, 5369.0, 5499.0, 5480.0, 5327.0, 5705.0, 5707.0, 5295.0, 5642.0, 5703.0, 5681.0, 5603.0, 5473.0, 5412.0, 5300.0, 5677.0, 5544.0, 5675.0, 5685.0 (number of hits: 12)
23	5530	9	1	333	1	5659.0, 5643.0, 5474.0, 5460.0, 5651.0, 5434.0, 5625.0, 5351.0, 5664.0, 5252.0, 5466.0, 5276.0, 5350.0, 5505.0, 5583.0, 5371.0, 5681.0, 5323.0, 5370.0, 5416.0, 5586.0, 5597.0, 5557.0, 5429.0, 5271.0, 5468.0, 5465.0, 5599.0, 5560.0, 5632.0, 5256.0, 5515.0, 5399.0, 5544.0, 5669.0, 5251.0, 5521.0, 5545.0, 5308.0, 5536.0, 5645.0, 5321.0, 5457.0, 5357.0, 5636.0, 5631.0, 5580.0, 5593.0, 5418.0, 5318.0, 5430.0, 5556.0, 5694.0, 5454.0, 5330.0,

						5654.0, 5481.0, 5561.0, 5667.0, 5393.0, 5450.0, 5398.0, 5518.0, 5502.0, 5331.0, 5289.0, 5627.0, 5328.0, 5616.0, 5623.0, 5714.0, 5604.0, 5576.0, 5296.0, 5395.0, 5605.0, 5524.0, 5301.0, 5367.0, 5584.0, 5478.0, 5396.0, 5420.0, 5542.0, 5705.0, 5592.0, 5253.0, 5426.0, 5327.0, 5717.0, 5483.0, 5634.0, 5455.0, 5510.0, 5568.0, 5295.0, 5493.0, 5365.0, 5551.0, 5665.0 (number of hits: 17 )
24	5530	9	1	333	1	5549.0, 5396.0, 5311.0, 5573.0, 5369.0, 5405.0, 5292.0, 5335.0, 5652.0, 5354.0, 5376.0, 5593.0, 5710.0, 5333.0, 5431.0, 5590.0, 5313.0, 5420.0, 5391.0, 5317.0, 5358.0, 5631.0, 5392.0, 5428.0, 5525.0, 5575.0, 5383.0, 5370.0, 5580.0, 5283.0, 5653.0, 5444.0, 5447.0, 5294.0, 5251.0, 5387.0, 5578.0, 5458.0, 5635.0, 5265.0, 5345.0, 5466.0, 5267.0, 5716.0, 5499.0, 5528.0, 5588.0, 5301.0, 5470.0, 5550.0, 5478.0, 5419.0, 5501.0, 5664.0, 5331.0, 5336.0, 5295.0, 5534.0, 5329.0, 5658.0, 5457.0, 5646.0, 5539.0, 5404.0, 5711.0, 5545.0, 5650.0, 5463.0, 5594.0, 5704.0, 5340.0, 5348.0, 5300.0, 5337.0, 5495.0, 5626.0, 5596.0, 5330.0, 5642.0, 5500.0, 5508.0, 5657.0, 5403.0, 5446.0, 5690.0, 5305.0, 5409.0, 5307.0, 5663.0, 5722.0, 5504.0, 5342.0, 5483.0, 5681.0, 5517.0, 5253.0, 5271.0, 5684.0, 5480.0, 5530.0 (number of hits: 15 )
25	5530	9	1	333	1	5363.0, 5500.0, 5723.0, 5359.0, 5368.0, 5680.0, 5662.0, 5302.0, 5462.0, 5299.0, 5553.0, 5266.0, 5578.0, 5600.0, 5425.0, 5393.0, 5268.0, 5424.0, 5331.0, 5337.0, 5441.0, 5652.0, 5530.0, 5420.0, 5259.0, 5594.0, 5358.0, 5695.0, 5378.0, 5335.0, 5694.0, 5546.0, 5365.0, 5581.0, 5252.0, 5579.0, 5461.0, 5630.0, 5527.0, 5687.0, 5615.0, 5538.0, 5569.0, 5714.0, 5474.0, 5709.0, 5362.0, 5645.0, 5551.0, 5640.0, 5639.0, 5476.0, 5260.0, 5498.0, 5307.0, 5469.0, 5504.0, 5413.0, 5565.0, 5450.0, 5429.0, 5519.0, 5494.0, 5431.0, 5633.0, 5376.0, 5289.0, 5620.0, 5455.0, 5356.0, 5676.0, 5372.0, 5435.0, 5719.0, 5516.0, 5395.0, 5263.0, 5428.0, 5454.0, 5643.0, 5442.0, 5464.0, 5716.0, 5427.0, 5479.0, 5300.0, 5432.0, 5692.0, 5256.0, 5598.0, 5522.0, 5323.0, 5269.0, 5670.0, 5570.0, 5371.0, 5250.0, 5647.0, 5364.0, 5422.0 (number of hits: 14 )
26	5530	9	1	333	1	5326.0, 5448.0, 5582.0, 5301.0, 5570.0, 5282.0, 5531.0, 5287.0, 5576.0, 5397.0, 5387.0, 5534.0, 5428.0, 5579.0, 5334.0, 5507.0, 5705.0, 5613.0, 5303.0, 5315.0, 5715.0, 5452.0, 5514.0, 5423.0, 5362.0, 5549.0, 5708.0, 5391.0, 5719.0, 5317.0, 5700.0, 5704.0, 5324.0, 5369.0, 5596.0, 5464.0, 5709.0, 5642.0, 5279.0, 5447.0,

						5328.0, 5655.0, 5537.0, 5259.0, 5652.0, 5433.0, 5547.0, 5442.0, 5635.0, 5665.0, 5661.0, 5335.0, 5620.0, 5413.0, 5403.0, 5425.0, 5599.0, 5580.0, 5353.0, 5722.0, 5520.0, 5713.0, 5363.0, 5378.0, 5415.0, 5543.0, 5680.0, 5255.0, 5399.0, 5359.0, 5453.0, 5340.0, 5440.0, 5527.0, 5657.0, 5556.0, 5540.0, 5591.0, 5678.0, 5625.0, 5405.0, 5720.0, 5650.0, 5698.0, 5380.0, 5644.0, 5487.0, 5394.0, 5274.0, 5523.0, 5601.0, 5554.0, 5656.0, 5692.0, 5575.0, 5429.0, 5717.0, 5551.0, 5489.0, 5412.0 (number of hits: 15 )
27	5530	9	1	333	1	5528.0, 5655.0, 5267.0, 5645.0, 5423.0, 5635.0, 5584.0, 5710.0, 5317.0, 5535.0, 5397.0, 5531.0, 5495.0, 5409.0, 5702.0, 5428.0, 5663.0, 5292.0, 5708.0, 5265.0, 5549.0, 5451.0, 5489.0, 5557.0, 5256.0, 5612.0, 5506.0, 5399.0, 5259.0, 5339.0, 5594.0, 5356.0, 5465.0, 5305.0, 5619.0, 5456.0, 5503.0, 5641.0, 5385.0, 5310.0, 5466.0, 5567.0, 5668.0, 5372.0, 5493.0, 5459.0, 5583.0, 5443.0, 5314.0, 5522.0, 5287.0, 5491.0, 5717.0, 5446.0, 5542.0, 5359.0, 5284.0, 5384.0, 5587.0, 5688.0, 5603.0, 5623.0, 5648.0, 5297.0, 5496.0, 5433.0, 5513.0, 5533.0, 5638.0, 5393.0, 5330.0, 5461.0, 5439.0, 5470.0, 5704.0, 5690.0, 5327.0, 5538.0, 5485.0, 5405.0, 5363.0, 5418.0, 5650.0, 5260.0, 5322.0, 5604.0, 5294.0, 5494.0, 5662.0, 5389.0, 5478.0, 5442.0, 5504.0, 5670.0, 5541.0, 5599.0, 5250.0, 5562.0, 5379.0, 5498.0 (number of hits: 21 )
28	5530	9	1	333	1	5286.0, 5713.0, 5610.0, 5429.0, 5302.0, 5320.0, 5664.0, 5526.0, 5674.0, 5350.0, 5325.0, 5694.0, 5296.0, 5715.0, 5335.0, 5280.0, 5275.0, 5409.0, 5700.0, 5353.0, 5437.0, 5256.0, 5530.0, 5621.0, 5701.0, 5352.0, 5448.0, 5312.0, 5663.0, 5566.0, 5375.0, 5414.0, 5431.0, 5402.0, 5721.0, 5654.0, 5452.0, 5389.0, 5356.0, 5653.0, 5604.0, 5518.0, 5575.0, 5540.0, 5586.0, 5629.0, 5291.0, 5345.0, 5406.0, 5623.0, 5435.0, 5310.0, 5667.0, 5718.0, 5481.0, 5311.0, 5684.0, 5446.0, 5535.0, 5554.0, 5552.0, 5443.0, 5273.0, 5510.0, 5331.0, 5521.0, 5571.0, 5531.0, 5622.0, 5369.0, 5470.0, 5680.0, 5494.0, 5719.0, 5376.0, 5395.0, 5628.0, 5324.0, 5516.0, 5338.0, 5426.0, 5288.0, 5432.0, 5650.0, 5309.0, 5451.0, 5351.0, 5329.0, 5598.0, 5681.0, 5678.0, 5708.0, 5461.0, 5537.0, 5511.0, 5430.0, 5659.0, 5642.0, 5473.0, 5527.0 (number of hits: 16 )
29	5530	9	1	333	1	5483.0, 5383.0, 5398.0, 5699.0, 5439.0, 5624.0, 5643.0, 5265.0, 5460.0, 5662.0, 5386.0, 5273.0, 5421.0, 5459.0, 5705.0, 5525.0, 5657.0, 5416.0, 5632.0, 5519.0, 5352.0, 5583.0, 5595.0, 5325.0, 5676.0,

						5285.0, 5658.0, 5424.0, 5316.0, 5284.0, 5368.0, 5399.0, 5513.0, 5536.0, 5470.0, 5342.0, 5289.0, 5371.0, 5555.0, 5349.0, 5299.0, 5584.0, 5714.0, 5608.0, 5672.0, 5346.0, 5515.0, 5451.0, 5441.0, 5375.0, 5288.0, 5287.0, 5260.0, 5275.0, 5629.0, 5551.0, 5411.0, 5407.0, 5283.0, 5704.0, 5490.0, 5384.0, 5556.0, 5468.0, 5372.0, 5707.0, 5291.0, 5685.0, 5422.0, 5563.0, 5618.0, 5277.0, 5333.0, 5521.0, 5304.0, 5278.0, 5319.0, 5475.0, 5611.0, 5703.0, 5638.0, 5539.0, 5429.0, 5404.0, 5485.0, 5297.0, 5310.0, 5615.0, 5282.0, 5656.0, 5317.0, 5292.0, 5466.0, 5341.0, 5438.0, 5259.0, 5318.0, 5637.0, 5512.0, 5329.0 (number of hits: 12)
30	5530	9	1	333	1	5546.0, 5609.0, 5478.0, 5296.0, 5330.0, 5493.0, 5568.0, 5489.0, 5357.0, 5503.0, 5303.0, 5672.0, 5298.0, 5590.0, 5646.0, 5496.0, 5399.0, 5367.0, 5634.0, 5373.0, 5290.0, 5705.0, 5691.0, 5574.0, 5477.0, 5521.0, 5688.0, 5456.0, 5562.0, 5606.0, 5285.0, 5397.0, 5449.0, 5278.0, 5522.0, 5610.0, 5446.0, 5321.0, 5259.0, 5441.0, 5398.0, 5657.0, 5422.0, 5686.0, 5703.0, 5289.0, 5280.0, 5525.0, 5381.0, 5345.0, 5458.0, 5645.0, 5706.0, 5514.0, 5552.0, 5593.0, 5344.0, 5405.0, 5695.0, 5406.0, 5608.0, 5516.0, 5419.0, 5364.0, 5697.0, 5542.0, 5353.0, 5719.0, 5415.0, 5284.0, 5452.0, 5505.0, 5382.0, 5659.0, 5388.0, 5431.0, 5660.0, 5275.0, 5702.0, 5355.0, 5715.0, 5486.0, 5707.0, 5351.0, 5587.0, 5376.0, 5599.0, 5430.0, 5648.0, 5560.0, 5291.0, 5573.0, 5540.0, 5429.0, 5318.0, 5331.0, 5673.0, 5555.0, 5564.0, 5252.0 (number of hits: 17)

**5530MHz + 5610MHz:**

**5530MHz**

<b>Radar SignalType</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A</b>	15	100%	60%	pass
<b>Type 1B</b>	15	100%	60%	pass
<b>Type 2</b>	30	100 %	60%	Pass
<b>Type 3</b>	30	100 %	60%	Pass
<b>Type 4</b>	30	100 %	60%	Pass
<b>Aggregate(Type1 to 4)</b>	120	100%	80%	Pass
<b>Type 5-1</b>	10	100 %	80%	Pass
<b>Type 5-2</b>	10	80 %	80%	Pass
<b>Type 5-3</b>	10	100 %	80%	Pass
<b>Type 6</b>	30	100 %	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	99	1	538	1
2	5530	61	1	878	1
3	5530	92	1	578	1
4	5530	65	1	818	1
5	5530	78	1	678	1
6	5530	72	1	738	1
7	5530	67	1	798	1
8	5530	76	1	698	1
9	5530	102	1	518	1
10	5530	68	1	778	1
11	5530	89	1	598	1
12	5530	86	1	618	1
13	5530	83	1	638	1
14	5530	59	1	898	1
15	5530	95	1	558	1
Detection Percentage: 100 % (>60%)					

**Radar Type 1B Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5530	35	1	1510	1
2	5530	45	1	1173	1
3	5530	49	1	1082	1
4	5530	20	1	2661	1
5	5530	25	1	2172	1
6	5530	23	1	2306	1
7	5530	75	1	709	1
8	5530	27	1	1983	1
9	5530	22	1	2414	1
10	5530	78	1	677	1
11	5530	66	1	809	1
12	5530	70	1	759	1
13	5530	41	1	1304	1
14	5530	37	1	1437	1
15	5530	18	1	2986	1
Detection Percentage: 100 % (>60%)					

**Radar Type 2 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5530	23	2.2	178	1
2	5530	23	3.1	218	1
3	5530	25	1.3	190	1
4	5530	29	3.8	151	1
5	5530	28	1.9	191	1
6	5530	26	4.6	230	1
7	5530	24	4.8	157	1
8	5530	29	3.4	188	1
9	5530	23	4.8	178	1
10	5530	25	3.2	194	1
11	5530	28	1.6	229	1
12	5530	26	4.9	194	1
13	5530	24	1.9	163	1
14	5530	24	2.4	213	1
15	5530	26	3.5	204	1
16	5530	24	1.2	215	1
17	5530	26	3.9	194	1
18	5530	26	3.8	172	1
19	5530	27	2.3	224	1
20	5530	23	4.5	208	1
21	5530	24	3.9	193	1
22	5530	26	3.4	163	1
23	5530	29	4.3	184	1
24	5530	23	1.4	213	1
25	5530	29	1.4	203	1
26	5530	29	3.6	225	1
27	5530	27	2.3	163	1
28	5530	24	3.8	171	1
29	5530	26	4.9	199	1
30	5530	28	1.4	165	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 3 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5530	16	6.8	364	1
2	5530	16	6.7	235	1
3	5530	18	7.3	486	1
4	5530	18	7.3	395	1
5	5530	18	6.7	417	1
6	5530	16	9.2	328	1
7	5530	16	7.9	451	1
8	5530	18	8.4	312	1
9	5530	17	6.7	340	1
10	5530	18	8.5	291	1
11	5530	18	9.7	418	1
12	5530	17	8.1	306	1
13	5530	18	9.7	480	1
14	5530	16	10	488	1
15	5530	16	9	239	1
16	5530	16	8.2	248	1
17	5530	16	9.1	416	1
18	5530	17	7.7	223	1
19	5530	17	8.9	406	1
20	5530	17	8.5	265	1
21	5530	18	8.2	427	1
22	5530	18	9.3	356	1
23	5530	18	6.1	416	1
24	5530	16	6.8	259	1
25	5530	16	7.4	438	1
26	5530	16	9.8	201	1
27	5530	16	9.7	275	1
28	5530	18	6.5	310	1
29	5530	17	6.4	470	1
30	5530	18	6.8	445	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					



**Radar Type 4 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5530	14	17.2	360	1
2	5530	16	12.5	243	1
3	5530	12	12.7	333	1
4	5530	16	19.1	399	1
5	5530	15	17.3	316	1
6	5530	15	11.7	374	1
7	5530	16	17.2	341	1
8	5530	15	18.1	424	1
9	5530	14	13	235	1
10	5530	16	15.1	458	1
11	5530	16	12.4	299	1
12	5530	15	16.3	429	1
13	5530	13	19.2	264	1
14	5530	13	18	368	1
15	5530	15	14.3	276	1
16	5530	15	13.1	303	1
17	5530	13	20	310	1
18	5530	16	15.4	500	1
19	5530	12	14.8	339	1
20	5530	14	19.9	315	1
21	5530	12	16.9	309	1
22	5530	16	19.8	325	1
23	5530	13	14.7	483	1
24	5530	15	18.6	219	1
25	5530	15	13.5	458	1
26	5530	16	14.4	395	1
27	5530	13	12.9	423	1
28	5530	13	13.4	379	1
29	5530	14	15.6	334	1
30	5530	13	14.2	313	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 5-1 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	3	11	50.6	1028	1925	0.019221	1
1	1	11	61.8			1.39948	
2	1	11	54			1.588723	
3	2	11	64.4	1208		2.777097	
4	3	11	99.4	1451	1256	3.232091	
5	3	11	67.7	1414	1159	3.639294	
6	3	11	90.1	1132	1722	4.934625	
7	3	11	79.5	1204	1462	4.972776	
8	3	11	80.5	1733	1909	6.174673	
9	3	11	99.7	1626	1104	6.625579	
10	1	11	98.6			7.49996	
11	2	11	61	1533		8.407235	
12	2	11	89.6	1205		8.762733	
13	1	11	99.1			9.573058	
14	2	11	62.9	1006		10.39342	
15	2	11	87.1	1916		10.98157	
16	3	11	93.3	1758	1817	11.39859	

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	9	66.1	1917		0.54542	1
1	2	9	98	1364		1.992698	
2	2	9	67.4	1095		3.24151	
3	2	9	78	1897		3.480585	
4	2	9	75.7	1804		5.432908	
5	2	9	54.9	1112		5.861047	
6	1	9	55.2			7.595505	
7	1	9	91.6			7.65934	
8	2	9	83.3	1202		8.938833	
9	2	9	70	1806		10.06205	
10	1	9	91.5			11.75614	

## 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	11	67.4			0.589529	1
1	1	11	87.6			2.108345	
2	1	11	73.9			3.011868	
3	1	11	55.9			3.904728	
4	3	11	64.6	1438	1207	5.091725	
5	2	11	62.1	1369		6.164895	
6	1	11	79.1			7.218137	
7	3	11	70.4	1292	1490	8.236829	
8	1	11	68.5			8.783299	
9	1	11	61.8			10.33832	
10	2	11	53.1	1228		10.95879	

## 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	10	95.7	1351	1125	0.551748	1
1	3	10	79.1	1078	1067	1.552405	
2	1	10	86.5			2.225304	
3	2	10	57.8	1891		3.104864	
4	2	10	81.6	1377		3.537401	
5	1	10	98.9			4.32419	
6	2	10	67.3	1846		5.291262	
7	2	10	84.7	1792		5.653752	
8	2	10	82.1	1355		6.890306	
9	2	10	94.7	1605		7.680444	
10	2	10	56.2	1331		8.190327	
11	3	10	77.1	1578	1359	9.29391	
12	3	10	68.1	1776	1161	9.718331	
13	2	10	71.8	1235		11.05356	
14	1	10	95.2			11.93866	

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	2	5	60.9	1725		0.072786	1
1	3	5	92.3	1457	1697	0.656515	
2	2	5	60.1	1575		1.64643	
3	3	5	80.6	1472	1609	1.90777	
4	1	5	59.8			3.062063	
5	3	5	70.3	1971	1596	3.458304	
6	3	5	55.8	1464	1548	4.330732	
7	1	5	75.5			4.857348	
8	2	5	68.2	1945		5.234408	
9	1	5	80			6.008404	
10	3	5	75.4	1700	1765	6.365822	
11	1	5	70.1			7.36797	
12	1	5	83.1			8.196122	
13	2	5	86.4	1260		8.567844	
14	1	5	65.8			9.405566	
15	2	5	93.2	1991		9.568428	
16	2	5	81.1	1977		10.57699	
17	1	5	60.1			11.03085	
18	2	5	91.7	1945		11.89444	

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	11	69.3	1527		0.556079	1
1	2	11	75.8	1233		2.186322	
2	2	11	83.6	1816		3.093353	
3	2	11	89.3	1338		4.340012	
4	3	11	95.8	1405	1866	6.457637	
5	3	11	59.8	1683	1074	7.521607	
6	2	11	78	1519		9.278003	
7	2	11	68	1020		10.56465	
8	3	11	60.2	1130	1951	11.26283	

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	1	12	76.3			0.519606	1
1	2	12	57.6	1813		1.104333	
2	1	12	90.9			1.984074	
3	2	12	92.5	1623		3.061021	
4	2	12	54	1163		3.938108	
5	2	12	56.4	1236		4.513866	
6	2	12	74.9	1164		5.445397	
7	2	12	88.2	1040		6.557916	
8	3	12	96.5	1112	1980	6.904061	
9	2	12	51.8	1987		7.850783	
10	3	12	90.1	1740	1261	8.73597	
11	1	12	92.5			10.08352	
12	2	12	56.5	1743		10.32923	
13	3	12	52.3	1500	1213	11.98837	

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	10	60.6	1570		0.549484	1
1	3	10	81.2	1372	1220	0.829789	
2	2	10	62.1	1772		1.52587	
3	3	10	96.1	1142	1190	2.504017	
4	3	10	78.9	1170	1428	3.445312	
5	1	10	83.1			3.898686	
6	2	10	92.7	1980		4.518923	
7	2	10	70.2	1147		5.439281	
8	2	10	87.5	1850		6.359227	
9	1	10	99.1			7.44015	
10	2	10	97.4	1638		7.676823	
11	1	10	67.3			8.437083	
12	3	10	65	1548	1943	9.370702	
13	3	10	71.2	1236	1854	10.32711	
14	1	10	99.6			10.77005	
15	3	10	54.7	1933	1634	11.30439	

## 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	12	51.3	1238		0.243112	1
1	2	12	81	1964		1.266216	
2	2	12	57	1028		1.766027	
3	3	12	59.1	1960	1507	2.841241	
4	3	12	75.9	1751	1791	3.696953	
5	3	12	81.2	1640	1791	4.197782	
6	3	12	73.7	1567	1580	4.911411	
7	1	12	93.3			5.809027	
8	2	12	96.5	1791		6.672173	
9	2	12	63.2	1738		7.221047	
10	3	12	74	1143	1872	8.11804	
11	3	12	54.4	1748	1762	8.74861	
12	1	12	81			9.627608	
13	1	12	85.7			10.28519	
14	3	12	58.2	1990	1903	10.93668	
15	2	12	67.2	1592		11.69054	

## 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	2	7	68.7	1759		0.463765	1
1	2	7	85.5	1661		0.776199	
2	2	7	53.1	1085		1.64045	
3	1	7	57.1			2.314469	
4	1	7	85.2			3.004284	
5	2	7	73.2	1362		4.049607	
6	3	7	71.8	1729	1331	5.136325	
7	3	7	76.1	1956	1577	5.261522	
8	2	7	77.5	1775		6.708609	
9	2	7	70.3	1056		6.760574	
10	3	7	69.5	1069	1833	7.922546	
11	1	7	77.1			8.7056	
12	2	7	63.7	1255		9.57313	
13	2	7	97	1206		10.2494	
14	2	7	50.6	1827		11.07565	
15	3	7	50.7	1417	1148	11.56362	

**Radar Type 5-2 Statistical Performance**

Statistics 1 (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	13	79.9	1372		0.414098	1
1	3	13	90.9	1588	1958	0.665933	
2	2	13	80.9	1745		1.671656	
3	2	13	98.1	1031		1.935991	
4	3	13	52.5	1003	1672	2.872657	
5	1	13	61.1			3.375563	
6	3	13	98.1	1124	1987	3.949002	
7	2	13	95.2	1664		4.64082	
8	1	13	93.8			5.593244	
9	2	13	95.7	1201		6.135884	
10	1	13	50.7			6.848771	
11	2	13	58.8	1883		6.960318	
12	2	13	60.1	1249		7.648222	
13	3	13	75.3	1142	1965	8.48768	
14	2	13	83.1	1586		9.281382	
15	2	13	55.2	1080		10.06559	
16	2	13	52.4	1780		10.21096	
17	3	13	79.4	1568	1185	11.11027	
18	2	13	65.6	1938		11.73963	

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	11	57	1584		0.22875	1
1	2	11	88.1	1112		1.199548	
2	2	11	59.5	1312		2.214875	
3	2	11	64.3	1952		3.127404	
4	2	11	85.8	1137		4.237194	
5	2	11	58.3	1748		5.379067	
6	3	11	73	1654	1262	5.994201	
7	2	11	66.9	1307		7.187442	
8	3	11	67.9	1907	1564	8.062021	
9	2	11	72	1197		8.716665	
10	3	11	91.7	1304	1396	9.491597	
11	1	11	63.7			10.47209	
12	2	11	98.3	1795		11.53766	

Statistics 3 (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	16	72.2	1796		0.668925	1
1	2	16	64	1517		0.722451	
2	3	16	74.8	1411	1657	1.521783	
3	1	16	99.1			2.458179	
4	3	16	74.6	1203	1422	3.298521	
5	1	16	68			4.0402	
6	2	16	90.9	1368		4.402185	
7	3	16	78.4	1605	1091	5.113712	
8	2	16	68.4	1220		5.768607	
9	2	16	91.9	1200		6.483438	
10	2	16	50.9	1221		7.067234	
11	1	16	69.3			7.775298	
12	3	16	52	1817	1776	8.715254	
13	2	16	55.7	1291		9.86303	
14	2	16	96	1711		10.23034	
15	2	16	80.9	1123		11.00159	
16	2	16	99.7	1821		11.87961	

Statistics 4 (ChirpCenter Frequency: 5499.0 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	17	66.1	1900	1344	0.856431	1
1	3	17	63.7	1970	1587	1.087444	
2	2	17	77.9	1767		2.559744	
3	2	17	90.1	1897		3.931271	
4	3	17	90	1200	1951	4.354101	
5	1	17	53.4			5.726481	
6	2	17	65.4	1429		6.059519	
7	2	17	93.7	1644		7.949614	
8	2	17	87.9	1223		8.524393	
9	1	17	82.7			9.481829	
10	2	17	92.9	1310		10.13817	
11	3	17	98.1	1720	1645	11.3949	



## Statistics 5 (ChirpCenter Frequency: 5499.0 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	89.9	1671		0.26867	1
1	2	17	83	1216		1.449753	
2	3	17	76.4	1271	1478	1.838663	
3	3	17	97.6	1389	1682	2.619935	
4	2	17	84.6	1083		3.043071	
5	2	17	62.4	1616		4.36047	
6	3	17	76.9	1021	1107	4.693768	
7	1	17	73.4			5.312515	
8	2	17	96.4	1197		6.447941	
9	2	17	95.2	1184		7.055737	
10	1	17	55			8.232845	
11	3	17	90.6	1448	1328	8.578641	
12	3	17	73.5	1705	1563	9.350547	
13	2	17	83.1	1667		10.45463	
14	1	17	78.7			10.95584	
15	3	17	99.1	1768	1672	11.50569	

## Statistics 6 (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	3	10	61.3	1099	1653	0.240708	1
1	2	10	65	1764		1.403992	
2	1	10	83			1.725715	
3	3	10	81.8	1284	1102	2.456146	
4	1	10	96.2			3.473197	
5	3	10	80.3	1745	1536	4.390312	
6	2	10	70.7	1620		4.891225	
7	1	10	76.7			5.653506	
8	1	10	92.1			6.605618	
9	2	10	53.4	1197		7.204191	
10	1	10	55			8.780649	
11	1	10	59.8			9.350861	
12	2	10	67.3	1164		9.702598	
13	2	10	70.5	1343		10.44457	
14	1	10	85			11.23732	

## Statistics 7 (ChirpCenter Frequency: 5496.0 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	10	64.5	1821	1935	0.954089	0
1	1	10	92.7			1.357723	
2	1	10	57.3			2.278926	
3	1	10	57.7			3.914101	
4	2	10	67.6	1744		4.414299	
5	1	10	62.5			5.676056	
6	3	10	82.5	1214	1915	6.405849	
7	3	10	83.1	1031	1255	7.449235	
8	2	10	76.4	1648		8.471854	
9	1	10	94.3			9.723511	
10	2	10	75.5	1038		10.24797	
11	2	10	94.5	1537		11.41144	

## Statistics 8 (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	2	20	73.9	1958		0.464522	1
1	2	20	55.8	1726		1.585023	
2	3	20	57.2	1738	1546	2.239815	
3	1	20	60			2.788594	
4	2	20	85.5	1884		4.217826	
5	2	20	65.2	1122		4.565049	
6	2	20	91.2	1658		5.719775	
7	3	20	73.1	1725	1123	6.600573	
8	3	20	77.9	1406	1152	7.25889	
9	2	20	83.6	1730		8.209593	
10	2	20	68.5	1841		9.377082	
11	3	20	82.9	1178	1320	9.97911	
12	2	20	80.9	1917		10.47554	
13	2	20	53.9	1129		11.39737	

## Statistics 9 (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	14	96.6			0.784372	0
1	1	14	72.7			2.157493	
2	1	14	92.9			3.872873	
3	3	14	73	1396	1175	5.371537	
4	2	14	67.7	1615		6.421344	
5	2	14	82	1057		8.253533	
6	2	14	90.1	1856		9.897418	
7	2	14	56.1	1385		11.40541	

## Statistics 10 (ChirpCenter Frequency: 5499.0 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	80.8	1247		0.279341	1
1	2	18	90	1089		1.16827	
2	1	18	74.6			1.978307	
3	2	18	74.2	1366		3.559537	
4	2	18	90.8	1219		4.079347	
5	2	18	85.5	1996		5.520579	
6	3	18	54.2	1202	1437	5.78828	
7	1	18	72.9			6.961692	
8	2	18	95.4	1656		7.436316	
9	1	18	52.6			8.612339	
10	3	18	86.7	1624	1535	9.427891	
11	1	18	64.8			10.94917	
12	2	18	67.8	1332		11.5633	

**Radar Type 5-3 Statistical Performance**

Statistics 1 (ChirpCenter Frequency: 5563.0 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	53.2	1462		0.498784	1
1	1	12	95.1			1.591122	
2	1	12	61.3			2.072503	
3	2	12	68	1435		3.163233	
4	3	12	73.1	1411	1812	4.054505	
5	2	12	91.1	1185		5.517572	
6	3	12	82.4	1693	1693	6.087699	
7	3	12	57.6	1136	1021	7.089334	
8	2	12	52.6	1170		8.854985	
9	2	12	90.9	1257		9.81641	
10	1	12	84.8			10.13752	
11	2	12	87.4	1118		11.42076	

Statistics 2 (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	2	14	69.7	1496		0.22757	1
1	1	14	63.4			1.271902	
2	3	14	94.6	1344	1645	1.950595	
3	2	14	96	1335		3.124102	
4	1	14	55.8			3.830301	
5	3	14	70	1387	1020	4.353993	
6	2	14	72.3	1189		5.525384	
7	1	14	90.3			6.452781	
8	2	14	69.6	1469		7.33179	
9	2	14	90.9	1900		7.728353	
10	2	14	68.1	1003		9.034348	
11	2	14	90.5	1163		9.899049	
12	3	14	86.2	1848	1014	10.4363	
13	3	14	91.8	1840	1890	11.85173	

Statistics 3 (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	1	15	69.6			0.129942	1
1	2	15	66	1705		1.223903	
2	2	15	66.5	1865		2.446791	
3	1	15	89.3			3.502707	
4	2	15	74.2	1587		4.853505	
5	2	15	89.1	1788		6.281989	
6	2	15	79.6	1303		6.809783	
7	3	15	51.3	1342	1969	8.401867	
8	2	15	73.7	1734		9.808672	
9	2	15	57	1210		10.10083	
10	1	15	67.9			11.85023	

Statistics 4 (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	2	6	78.2	1969		0.134893	1
1	2	6	75.8	1675		1.564247	
2	3	6	92.4	1818	1574	2.552309	
3	3	6	56.8	1247	1123	2.806703	
4	1	6	61.3			4.12252	
5	1	6	99.7			4.79083	
6	2	6	93.6	1079		5.890374	
7	1	6	86.8			6.581212	
8	1	6	95.4			8.026566	
9	2	6	91	1425		8.43608	
10	1	6	70.4			9.99377	
11	1	6	71.1			10.51629	
12	2	6	62.5	1090		11.72571	

## Statistics 5 (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	1	15	79.7			0.12904	1
1	3	15	94.8	1783	1405	1.253239	
2	2	15	96.4	1215		1.593968	
3	3	15	52.2	1416	1633	2.30792	
4	2	15	89.6	1513		3.041538	
5	1	15	75.5			3.560746	
6	2	15	64.5	1206		4.051995	
7	1	15	80.7			4.668795	
8	3	15	97.8	1124	1667	5.93157	
9	3	15	70.8	1733	1499	6.230529	
10	1	15	80.9			7.01742	
11	3	15	92.5	1080	1362	7.780344	
12	2	15	94.7	1035		8.082363	
13	1	15	59.8			8.944867	
14	2	15	55.3	1749		9.631479	
15	2	15	99.7	1253		10.07754	
16	2	15	74.1	1756		11.10591	
17	2	15	52.4	1962		11.80031	

## Statistics 6 (ChirpCenter Frequency: 5561.0 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	55.6	1885		0.937038	1
1	1	18	76.4			1.592539	
2	2	18	55.1	1139		2.230964	
3	1	18	53.9			3.476698	
4	3	18	84	1557	1092	4.707206	
5	2	18	73	1652		5.963082	
6	1	18	96.9			6.905616	
7	1	18	56.5			8.39092	
8	2	18	61.8	1775		9.760973	
9	2	18	77.5	1724		9.830983	
10	2	18	63.9	1523		11.08146	

## Statistics 7 (ChirpCenter Frequency: 5563.0 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	91.4			0.005453	1
1	2	12	62	1307		1.597945	
2	2	12	67.4	1607		2.895934	
3	2	12	76.3	1427		3.596847	
4	3	12	59.2	1345	1729	5.13515	
5	2	12	58.7	1481		6.175562	
6	2	12	68.2	1326		6.806194	
7	3	12	66.2	1153	1340	8.141522	
8	2	12	84.9	1303		8.756195	
9	2	12	53.9	1316		9.830529	
10	2	12	81.3	1225		11.14022	

## 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	10	62.1	1177		0.057519	1
1	2	10	96.3	1705		1.166801	
2	1	10	98.2			2.142743	
3	1	10	58.9			3.307662	
4	2	10	64.8	1870		3.779138	
5	2	10	94	1733		4.693879	
6	2	10	67.7	1237		5.662289	
7	2	10	60.4	1791		6.061553	
8	2	10	66.4	1940		7.420261	
9	2	10	74.2	1754		8.082621	
10	2	10	84.1	1600		9.326334	
11	3	10	64.2	1763	1298	9.575231	
12	3	10	98.8	1232	1202	11.06342	
13	3	10	74.8	1191	1230	11.75555	

## Statistics 9 (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	6	57.8	1952	1896	0.589822	1
1	2	6	90.4	1771		1.143059	
2	2	6	57.9	1119		1.710707	
3	3	6	93.8	1376	1356	1.938688	
4	2	6	52.3	1784		2.836865	
5	2	6	66.7	1565		3.175774	
6	2	6	76.8	1059		4.018788	
7	3	6	75.7	1712	1883	4.461909	
8	2	6	77.6	1284		5.31442	
9	2	6	59	1317		5.642856	
10	2	6	96.7	1683		6.486516	
11	2	6	63.3	1505		6.795225	
12	2	6	87.4	1997		7.277446	
13	2	6	86.7	1304		7.870278	
14	1	6	50.1			8.887791	
15	2	6	81.9	1099		9.162913	
16	2	6	96.7	1855		10.18137	
17	2	6	66.1	1751		10.29527	
18	3	6	96.9	1233	1202	11.34726	
19	1	6	69.1			11.87325	

## Statistics 10 (ChirpCenter Frequency: 5561.0 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	72.3	1829		0.739853	1
1	2	18	93.7	1306		1.305737	
2	2	18	99.4	1142		3.289508	
3	1	18	74.6			3.615556	
4	2	18	97.4	1722		5.75633	
5	3	18	67.3	1645	1624	6.150352	
6	3	18	77.9	1486	1714	7.966683	
7	3	18	65.2	1684	1579	8.542263	
8	1	18	75.5			10.36959	
9	2	18	56.1	1333		10.88854	



**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	5460.0, 5341.0, 5666.0, 5408.0, 5642.0, 5280.0, 5659.0, 5640.0, 5540.0, 5556.0, 5458.0, 5255.0, 5338.0, 5702.0, 5668.0, 5450.0, 5276.0, 5313.0, 5511.0, 5492.0, 5477.0, 5603.0, 5627.0, 5641.0, 5390.0, 5704.0, 5360.0, 5601.0, 5393.0, 5371.0, 5547.0, 5469.0, 5602.0, 5265.0, 5259.0, 5339.0, 5569.0, 5436.0, 5452.0, 5706.0, 5654.0, 5427.0, 5481.0, 5461.0, 5326.0, 5582.0, 5551.0, 5564.0, 5621.0, 5671.0, 5493.0, 5608.0, 5483.0, 5698.0, 5625.0, 5376.0, 5713.0, 5701.0, 5413.0, 5431.0, 5686.0, 5300.0, 5711.0, 5272.0, 5530.0, 5378.0, 5568.0, 5451.0, 5495.0, 5624.0, 5596.0, 5674.0, 5510.0, 5411.0, 5354.0, 5373.0, 5515.0, 5610.0, 5359.0, 5590.0, 5470.0, 5307.0, 5692.0, 5716.0, 5405.0, 5480.0, 5663.0, 5585.0, 5717.0, 5513.0, 5420.0, 5311.0, 5506.0, 5591.0, 5368.0, 5336.0, 5296.0, 5445.0, 5667.0, 5273.0 (number of hits: 14 )
2	5530	9	1	333	1	5543.0, 5623.0, 5620.0, 5334.0, 5493.0, 5673.0, 5658.0, 5281.0, 5652.0, 5370.0, 5395.0, 5332.0, 5355.0, 5680.0, 5646.0, 5571.0, 5503.0, 5413.0, 5258.0, 5703.0, 5721.0, 5417.0, 5587.0, 5456.0, 5375.0, 5715.0, 5443.0, 5487.0, 5656.0, 5568.0, 5402.0, 5670.0, 5600.0, 5507.0, 5698.0, 5396.0, 5348.0, 5458.0, 5328.0, 5349.0, 5255.0, 5295.0, 5717.0, 5695.0, 5468.0, 5548.0, 5304.0, 5322.0, 5692.0, 5264.0, 5517.0, 5565.0, 5354.0, 5423.0, 5351.0, 5254.0, 5500.0, 5483.0, 5257.0, 5711.0, 5634.0, 5268.0, 5688.0, 5586.0, 5561.0, 5644.0, 5392.0, 5528.0, 5405.0, 5662.0, 5647.0, 5614.0, 5506.0, 5492.0, 5572.0, 5335.0, 5581.0, 5594.0, 5663.0, 5308.0, 5675.0, 5589.0, 5536.0, 5382.0, 5427.0, 5612.0, 5350.0, 5462.0, 5516.0, 5430.0, 5251.0, 5626.0, 5613.0, 5558.0, 5362.0, 5580.0, 5643.0, 5719.0, 5648.0, 5539.0 (number of hits: 16 )
3	5530	9	1	333	1	5283.0, 5674.0, 5416.0, 5537.0, 5634.0, 5706.0, 5470.0, 5595.0, 5467.0, 5684.0, 5378.0, 5642.0, 5617.0, 5504.0, 5460.0, 5375.0, 5530.0, 5553.0, 5308.0, 5566.0, 5585.0, 5670.0, 5673.0, 5353.0, 5624.0, 5447.0, 5573.0, 5493.0, 5454.0, 5428.0, 5277.0, 5518.0, 5330.0, 5297.0, 5326.0, 5558.0, 5298.0, 5660.0, 5722.0, 5543.0, 5672.0, 5550.0, 5316.0, 5429.0, 5484.0, 5681.0, 5679.0, 5362.0, 5499.0, 5388.0, 5365.0, 5482.0, 5538.0, 5651.0, 5497.0

						5367.0, 5508.0, 5258.0, 5524.0, 5500.0, 5404.0, 5541.0, 5423.0, 5325.0, 5363.0, 5632.0, 5290.0, 5544.0, 5445.0, 5631.0, 5612.0, 5675.0, 5593.0, 5571.0, 5711.0, 5399.0, 5487.0, 5398.0, 5557.0, 5503.0, 5556.0, 5648.0, 5377.0, 5310.0, 5473.0, 5402.0, 5552.0, 5589.0, 5272.0, 5560.0, 5401.0, 5387.0, 5340.0, 5437.0, 5671.0, 5251.0, 5630.0, 5606.0, 5620.0, 5344.0 (number of hits: 23 )
4	5530	9	1	333	1	5257.0, 5316.0, 5684.0, 5631.0, 5334.0, 5531.0, 5608.0, 5501.0, 5597.0, 5509.0, 5477.0, 5274.0, 5347.0, 5310.0, 5294.0, 5458.0, 5703.0, 5537.0, 5572.0, 5660.0, 5353.0, 5391.0, 5434.0, 5476.0, 5470.0, 5615.0, 5642.0, 5479.0, 5420.0, 5495.0, 5596.0, 5422.0, 5256.0, 5375.0, 5673.0, 5306.0, 5573.0, 5354.0, 5450.0, 5301.0, 5345.0, 5374.0, 5607.0, 5342.0, 5548.0, 5625.0, 5378.0, 5581.0, 5719.0, 5313.0, 5338.0, 5683.0, 5265.0, 5285.0, 5561.0, 5451.0, 5656.0, 5575.0, 5466.0, 5599.0, 5503.0, 5468.0, 5337.0, 5611.0, 5440.0, 5520.0, 5628.0, 5281.0, 5278.0, 5449.0, 5276.0, 5701.0, 5333.0, 5322.0, 5678.0, 5600.0, 5610.0, 5633.0, 5550.0, 5594.0, 5521.0, 5494.0, 5482.0, 5508.0, 5606.0, 5287.0, 5585.0, 5555.0, 5469.0, 5530.0, 5297.0, 5298.0, 5330.0, 5647.0, 5504.0, 5291.0, 5522.0, 5624.0, 5654.0, 5665.0 (number of hits: 17 )
5	5530	9	1	333	1	5288.0, 5582.0, 5508.0, 5294.0, 5318.0, 5688.0, 5251.0, 5340.0, 5623.0, 5555.0, 5367.0, 5699.0, 5363.0, 5556.0, 5687.0, 5723.0, 5569.0, 5681.0, 5634.0, 5563.0, 5253.0, 5487.0, 5535.0, 5277.0, 5505.0, 5458.0, 5485.0, 5678.0, 5402.0, 5647.0, 5469.0, 5286.0, 5552.0, 5436.0, 5315.0, 5548.0, 5618.0, 5655.0, 5403.0, 5510.0, 5279.0, 5495.0, 5254.0, 5493.0, 5677.0, 5330.0, 5460.0, 5631.0, 5601.0, 5554.0, 5319.0, 5662.0, 5708.0, 5296.0, 5614.0, 5480.0, 5557.0, 5320.0, 5718.0, 5290.0, 5386.0, 5639.0, 5438.0, 5428.0, 5284.0, 5542.0, 5455.0, 5394.0, 5316.0, 5597.0, 5643.0, 5514.0, 5697.0, 5478.0, 5714.0, 5651.0, 5265.0, 5297.0, 5594.0, 5312.0, 5528.0, 5310.0, 5280.0, 5550.0, 5520.0, 5291.0, 5619.0, 5600.0, 5271.0, 5717.0, 5482.0, 5379.0, 5336.0, 5465.0, 5661.0, 5592.0, 5504.0, 5558.0, 5665.0, 5604.0 (number of hits: 20 )
6	5530	9	1	333	1	5292.0, 5338.0, 5371.0, 5480.0, 5270.0, 5668.0, 5696.0, 5281.0, 5502.0, 5515.0, 5706.0, 5459.0, 5652.0, 5633.0, 5695.0, 5700.0, 5612.0, 5274.0, 5431.0, 5332.0, 5339.0, 5355.0, 5305.0, 5523.0, 5501.0, 5411.0, 5573.0, 5408.0, 5455.0, 5346.0, 5319.0, 5620.0, 5660.0, 5256.0, 5507.0, 5600.0, 5512.0, 5450.0, 5443.0, 5594.0,

						5542.0, 5282.0, 5506.0, 5684.0, 5391.0, 5428.0, 5463.0, 5536.0, 5481.0, 5683.0, 5554.0, 5626.0, 5538.0, 5492.0, 5519.0, 5299.0, 5571.0, 5478.0, 5451.0, 5441.0, 5490.0, 5551.0, 5721.0, 5354.0, 5601.0, 5440.0, 5680.0, 5556.0, 5435.0, 5333.0, 5618.0, 5300.0, 5430.0, 5699.0, 5703.0, 5310.0, 5318.0, 5301.0, 5360.0, 5541.0, 5255.0, 5470.0, 5273.0, 5535.0, 5474.0, 5586.0, 5674.0, 5426.0, 5472.0, 5373.0, 5653.0, 5616.0, 5509.0, 5461.0, 5298.0, 5704.0, 5283.0, 5607.0, 5588.0, 5539.0 (number of hits: 19 )
7	5530	9	1	333	1	5332.0, 5253.0, 5305.0, 5696.0, 5717.0, 5255.0, 5373.0, 5516.0, 5600.0, 5549.0, 5540.0, 5492.0, 5425.0, 5653.0, 5391.0, 5308.0, 5473.0, 5490.0, 5699.0, 5691.0, 5380.0, 5646.0, 5550.0, 5637.0, 5658.0, 5595.0, 5450.0, 5607.0, 5309.0, 5506.0, 5304.0, 5408.0, 5334.0, 5451.0, 5299.0, 5711.0, 5472.0, 5455.0, 5392.0, 5420.0, 5371.0, 5622.0, 5718.0, 5484.0, 5496.0, 5687.0, 5415.0, 5501.0, 5456.0, 5542.0, 5503.0, 5508.0, 5413.0, 5621.0, 5399.0, 5535.0, 5441.0, 5323.0, 5432.0, 5374.0, 5665.0, 5693.0, 5475.0, 5288.0, 5268.0, 5343.0, 5350.0, 5393.0, 5367.0, 5716.0, 5423.0, 5280.0, 5618.0, 5411.0, 5548.0, 5580.0, 5260.0, 5614.0, 5640.0, 5676.0, 5460.0, 5683.0, 5257.0, 5530.0, 5507.0, 5313.0, 5416.0, 5405.0, 5303.0, 5469.0, 5672.0, 5703.0, 5372.0, 5283.0, 5381.0, 5562.0, 5272.0, 5560.0, 5289.0, 5366.0 (number of hits: 17 )
8	5530	9	1	333	1	5559.0, 5640.0, 5478.0, 5624.0, 5417.0, 5268.0, 5723.0, 5451.0, 5523.0, 5366.0, 5634.0, 5456.0, 5391.0, 5458.0, 5439.0, 5416.0, 5302.0, 5715.0, 5533.0, 5452.0, 5406.0, 5376.0, 5663.0, 5576.0, 5639.0, 5710.0, 5627.0, 5357.0, 5300.0, 5255.0, 5641.0, 5319.0, 5591.0, 5289.0, 5459.0, 5399.0, 5419.0, 5340.0, 5434.0, 5291.0, 5444.0, 5385.0, 5288.0, 5306.0, 5265.0, 5689.0, 5462.0, 5353.0, 5645.0, 5617.0, 5621.0, 5637.0, 5528.0, 5326.0, 5714.0, 5485.0, 5695.0, 5554.0, 5514.0, 5541.0, 5430.0, 5643.0, 5579.0, 5599.0, 5344.0, 5278.0, 5595.0, 5664.0, 5577.0, 5597.0, 5318.0, 5380.0, 5350.0, 5569.0, 5482.0, 5411.0, 5578.0, 5398.0, 5494.0, 5371.0, 5382.0, 5603.0, 5284.0, 5282.0, 5642.0, 5566.0, 5503.0, 5373.0, 5392.0, 5310.0, 5351.0, 5536.0, 5682.0, 5679.0, 5390.0, 5574.0, 5320.0, 5707.0, 5432.0, 5557.0 (number of hits: 12 )
9	5530	9	1	333	1	5429.0, 5402.0, 5437.0, 5667.0, 5721.0, 5668.0, 5436.0, 5300.0, 5558.0, 5665.0, 5704.0, 5565.0, 5539.0, 5278.0, 5455.0, 5366.0, 5442.0, 5356.0, 5641.0, 5471.0, 5693.0, 5686.0, 5669.0, 5418.0, 5569.0,

						5513.0, 5607.0, 5329.0, 5469.0, 5256.0, 5533.0, 5715.0, 5605.0, 5654.0, 5361.0, 5615.0, 5582.0, 5635.0, 5387.0, 5626.0, 5424.0, 5523.0, 5453.0, 5309.0, 5698.0, 5614.0, 5612.0, 5364.0, 5288.0, 5259.0, 5291.0, 5695.0, 5310.0, 5331.0, 5410.0, 5696.0, 5382.0, 5611.0, 5306.0, 5423.0, 5346.0, 5640.0, 5713.0, 5577.0, 5601.0, 5426.0, 5657.0, 5501.0, 5328.0, 5673.0, 5452.0, 5357.0, 5482.0, 5655.0, 5251.0, 5283.0, 5337.0, 5333.0, 5508.0, 5682.0, 5376.0, 5275.0, 5534.0, 5373.0, 5422.0, 5646.0, 5299.0, 5287.0, 5500.0, 5624.0, 5369.0, 5528.0, 5483.0, 5438.0, 5435.0, 5544.0, 5486.0, 5681.0, 5554.0, 5325.0 (number of hits: 13 )
10	5530	9	1	333	1	5314.0, 5705.0, 5513.0, 5593.0, 5377.0, 5376.0, 5523.0, 5382.0, 5669.0, 5587.0, 5476.0, 5338.0, 5400.0, 5659.0, 5610.0, 5530.0, 5292.0, 5521.0, 5254.0, 5654.0, 5409.0, 5538.0, 5687.0, 5483.0, 5673.0, 5304.0, 5541.0, 5379.0, 5575.0, 5713.0, 5544.0, 5438.0, 5451.0, 5268.0, 5558.0, 5350.0, 5720.0, 5403.0, 5577.0, 5681.0, 5433.0, 5458.0, 5366.0, 5380.0, 5685.0, 5337.0, 5260.0, 5537.0, 5627.0, 5535.0, 5495.0, 5473.0, 5325.0, 5334.0, 5425.0, 5459.0, 5465.0, 5446.0, 5502.0, 5565.0, 5635.0, 5384.0, 5353.0, 5307.0, 5602.0, 5358.0, 5365.0, 5651.0, 5398.0, 5271.0, 5310.0, 5361.0, 5697.0, 5527.0, 5596.0, 5582.0, 5477.0, 5632.0, 5306.0, 5682.0, 5488.0, 5355.0, 5378.0, 5471.0, 5296.0, 5574.0, 5258.0, 5274.0, 5386.0, 5672.0, 5598.0, 5522.0, 5255.0, 5674.0, 5701.0, 5305.0, 5666.0, 5498.0, 5449.0, 5494.0 (number of hits: 17 )
11	5530	9	1	333	1	5674.0, 5442.0, 5586.0, 5635.0, 5254.0, 5384.0, 5546.0, 5436.0, 5595.0, 5722.0, 5300.0, 5369.0, 5273.0, 5314.0, 5508.0, 5643.0, 5432.0, 5454.0, 5475.0, 5691.0, 5336.0, 5558.0, 5657.0, 5502.0, 5397.0, 5470.0, 5551.0, 5710.0, 5270.0, 5296.0, 5318.0, 5709.0, 5594.0, 5418.0, 5339.0, 5422.0, 5717.0, 5308.0, 5355.0, 5577.0, 5627.0, 5458.0, 5441.0, 5512.0, 5316.0, 5624.0, 5554.0, 5472.0, 5504.0, 5699.0, 5381.0, 5613.0, 5576.0, 5304.0, 5341.0, 5414.0, 5610.0, 5690.0, 5574.0, 5665.0, 5507.0, 5538.0, 5689.0, 5468.0, 5590.0, 5713.0, 5668.0, 5626.0, 5484.0, 5429.0, 5345.0, 5542.0, 5497.0, 5445.0, 5641.0, 5540.0, 5375.0, 5373.0, 5629.0, 5456.0, 5623.0, 5312.0, 5670.0, 5606.0, 5582.0, 5523.0, 5536.0, 5580.0, 5638.0, 5406.0, 5537.0, 5618.0, 5403.0, 5256.0, 5465.0, 5550.0, 5592.0, 5612.0, 5724.0, 5646.0 (number of hits: 17 )
12	5530	9	1	333	1	5699.0, 5326.0, 5678.0, 5288.0, 5359.0, 5319.0, 5648.0, 5615.0, 5491.0, 5474.0,

						5334.0, 5712.0, 5568.0, 5600.0, 5398.0, 5256.0, 5456.0, 5666.0, 5670.0, 5527.0, 5421.0, 5649.0, 5572.0, 5565.0, 5708.0, 5395.0, 5534.0, 5482.0, 5444.0, 5561.0, 5287.0, 5400.0, 5562.0, 5632.0, 5538.0, 5558.0, 5350.0, 5442.0, 5431.0, 5320.0, 5328.0, 5560.0, 5420.0, 5358.0, 5368.0, 5412.0, 5459.0, 5506.0, 5290.0, 5260.0, 5689.0, 5273.0, 5416.0, 5291.0, 5369.0, 5654.0, 5517.0, 5667.0, 5318.0, 5524.0, 5636.0, 5623.0, 5437.0, 5361.0, 5659.0, 5510.0, 5473.0, 5427.0, 5426.0, 5478.0, 5481.0, 5559.0, 5488.0, 5495.0, 5486.0, 5277.0, 5503.0, 5370.0, 5396.0, 5643.0, 5588.0, 5425.0, 5650.0, 5575.0, 5611.0, 5720.0, 5571.0, 5686.0, 5418.0, 5721.0, 5672.0, 5443.0, 5719.0, 5580.0, 5257.0, 5557.0, 5375.0, 5578.0, 5258.0, 5532.0 (number of hits: 17 )
13	5530	9	1	333	1	5587.0, 5495.0, 5676.0, 5507.0, 5521.0, 5366.0, 5632.0, 5465.0, 5646.0, 5697.0, 5282.0, 5523.0, 5637.0, 5530.0, 5251.0, 5314.0, 5604.0, 5323.0, 5260.0, 5513.0, 5577.0, 5553.0, 5502.0, 5263.0, 5307.0, 5356.0, 5333.0, 5678.0, 5520.0, 5368.0, 5591.0, 5347.0, 5639.0, 5701.0, 5527.0, 5330.0, 5722.0, 5256.0, 5298.0, 5464.0, 5393.0, 5405.0, 5709.0, 5442.0, 5494.0, 5708.0, 5561.0, 5538.0, 5515.0, 5540.0, 5259.0, 5623.0, 5312.0, 5457.0, 5626.0, 5274.0, 5448.0, 5682.0, 5564.0, 5290.0, 5655.0, 5334.0, 5687.0, 5491.0, 5258.0, 5595.0, 5511.0, 5311.0, 5410.0, 5622.0, 5714.0, 5597.0, 5289.0, 5677.0, 5635.0, 5417.0, 5693.0, 5548.0, 5350.0, 5671.0, 5383.0, 5403.0, 5484.0, 5468.0, 5662.0, 5488.0, 5302.0, 5453.0, 5355.0, 5455.0, 5309.0, 5295.0, 5571.0, 5267.0, 5280.0, 5493.0, 5396.0, 5539.0, 5650.0, 5381.0 (number of hits: 20 )
14	5530	9	1	333	1	5612.0, 5495.0, 5267.0, 5662.0, 5354.0, 5602.0, 5673.0, 5569.0, 5340.0, 5270.0, 5519.0, 5268.0, 5426.0, 5704.0, 5560.0, 5350.0, 5600.0, 5587.0, 5414.0, 5647.0, 5331.0, 5366.0, 5582.0, 5567.0, 5465.0, 5418.0, 5492.0, 5556.0, 5271.0, 5399.0, 5307.0, 5346.0, 5440.0, 5500.0, 5402.0, 5581.0, 5337.0, 5484.0, 5373.0, 5551.0, 5425.0, 5288.0, 5362.0, 5522.0, 5599.0, 5623.0, 5648.0, 5544.0, 5698.0, 5309.0, 5510.0, 5289.0, 5478.0, 5302.0, 5407.0, 5411.0, 5645.0, 5543.0, 5683.0, 5692.0, 5435.0, 5533.0, 5295.0, 5351.0, 5404.0, 5390.0, 5646.0, 5308.0, 5277.0, 5453.0, 5656.0, 5455.0, 5423.0, 5397.0, 5576.0, 5641.0, 5687.0, 5468.0, 5634.0, 5528.0, 5636.0, 5706.0, 5255.0, 5583.0, 5722.0, 5640.0, 5446.0, 5654.0, 5344.0, 5372.0, 5316.0, 5637.0, 5545.0, 5384.0, 5297.0, 5669.0, 5501.0, 5282.0, 5370.0, 5521.0

						(number of hits: 17 )
15	5530	9	1	333	1	5485.0, 5571.0, 5256.0, 5367.0, 5398.0, 5349.0, 5251.0, 5446.0, 5442.0, 5434.0, 5265.0, 5399.0, 5569.0, 5560.0, 5263.0, 5640.0, 5410.0, 5602.0, 5549.0, 5391.0, 5688.0, 5597.0, 5541.0, 5584.0, 5431.0, 5559.0, 5313.0, 5601.0, 5465.0, 5283.0, 5392.0, 5366.0, 5463.0, 5257.0, 5703.0, 5309.0, 5614.0, 5396.0, 5304.0, 5376.0, 5386.0, 5663.0, 5639.0, 5698.0, 5337.0, 5539.0, 5490.0, 5717.0, 5450.0, 5426.0, 5681.0, 5538.0, 5419.0, 5353.0, 5588.0, 5610.0, 5589.0, 5664.0, 5507.0, 5531.0, 5635.0, 5605.0, 5455.0, 5577.0, 5427.0, 5443.0, 5558.0, 5414.0, 5272.0, 5686.0, 5533.0, 5453.0, 5575.0, 5342.0, 5284.0, 5565.0, 5509.0, 5564.0, 5444.0, 5705.0, 5530.0, 5528.0, 5544.0, 5394.0, 5604.0, 5438.0, 5508.0, 5562.0, 5339.0, 5343.0, 5286.0, 5696.0, 5421.0, 5323.0, 5430.0, 5682.0, 5702.0, 5715.0, 5351.0, 5404.0
16	5530	9	1	333	1	(number of hits: 18 ) 5557.0, 5395.0, 5716.0, 5403.0, 5314.0, 5350.0, 5402.0, 5370.0, 5637.0, 5316.0, 5399.0, 5356.0, 5262.0, 5530.0, 5592.0, 5295.0, 5518.0, 5413.0, 5561.0, 5529.0, 5301.0, 5471.0, 5552.0, 5253.0, 5652.0, 5398.0, 5261.0, 5415.0, 5687.0, 5277.0, 5349.0, 5410.0, 5273.0, 5693.0, 5252.0, 5700.0, 5669.0, 5487.0, 5424.0, 5502.0, 5325.0, 5263.0, 5534.0, 5393.0, 5679.0, 5573.0, 5554.0, 5510.0, 5465.0, 5516.0, 5446.0, 5288.0, 5348.0, 5682.0, 5320.0, 5691.0, 5319.0, 5718.0, 5538.0, 5639.0, 5571.0, 5684.0, 5270.0, 5334.0, 5628.0, 5345.0, 5523.0, 5535.0, 5610.0, 5500.0, 5309.0, 5550.0, 5279.0, 5615.0, 5708.0, 5492.0, 5551.0, 5668.0, 5512.0, 5437.0, 5704.0, 5676.0, 5426.0, 5526.0, 5662.0, 5595.0, 5406.0, 5308.0, 5575.0, 5281.0, 5603.0, 5254.0, 5583.0, 5587.0, 5598.0, 5450.0, 5332.0, 5433.0, 5680.0, 5307.0
17	5530	9	1	333	1	(number of hits: 20 ) 5648.0, 5539.0, 5677.0, 5551.0, 5273.0, 5570.0, 5401.0, 5675.0, 5482.0, 5387.0, 5298.0, 5492.0, 5425.0, 5688.0, 5724.0, 5487.0, 5349.0, 5576.0, 5704.0, 5508.0, 5712.0, 5560.0, 5314.0, 5485.0, 5306.0, 5443.0, 5277.0, 5497.0, 5660.0, 5323.0, 5286.0, 5663.0, 5486.0, 5577.0, 5255.0, 5592.0, 5710.0, 5695.0, 5350.0, 5611.0, 5439.0, 5313.0, 5412.0, 5662.0, 5644.0, 5283.0, 5269.0, 5355.0, 5289.0, 5720.0, 5304.0, 5498.0, 5461.0, 5483.0, 5392.0, 5721.0, 5552.0, 5690.0, 5416.0, 5717.0, 5458.0, 5549.0, 5517.0, 5291.0, 5494.0, 5669.0, 5348.0, 5430.0, 5354.0, 5687.0, 5271.0, 5521.0, 5252.0, 5646.0, 5719.0, 5586.0, 5311.0, 5468.0, 5722.0, 5616.0, 5315.0, 5610.0, 5563.0, 5368.0, 5351.0

						5364.0, 5296.0, 5545.0, 5619.0, 5394.0, 5554.0, 5378.0, 5640.0, 5267.0, 5308.0, 5641.0, 5572.0, 5337.0, 5654.0, 5591.0 (number of hits: 15 )
18	5530	9	1	333	1	5386.0, 5598.0, 5412.0, 5294.0, 5669.0, 5411.0, 5686.0, 5375.0, 5250.0, 5402.0, 5650.0, 5339.0, 5283.0, 5306.0, 5575.0, 5688.0, 5625.0, 5440.0, 5566.0, 5433.0, 5388.0, 5273.0, 5639.0, 5528.0, 5661.0, 5378.0, 5530.0, 5311.0, 5364.0, 5385.0, 5646.0, 5636.0, 5463.0, 5352.0, 5326.0, 5667.0, 5694.0, 5615.0, 5445.0, 5354.0, 5668.0, 5684.0, 5438.0, 5435.0, 5400.0, 5307.0, 5591.0, 5583.0, 5452.0, 5573.0, 5510.0, 5255.0, 5304.0, 5535.0, 5549.0, 5393.0, 5346.0, 5341.0, 5547.0, 5450.0, 5259.0, 5475.0, 5603.0, 5301.0, 5592.0, 5272.0, 5281.0, 5486.0, 5655.0, 5522.0, 5442.0, 5380.0, 5623.0, 5506.0, 5288.0, 5293.0, 5374.0, 5618.0, 5645.0, 5699.0, 5579.0, 5677.0, 5369.0, 5387.0, 5540.0, 5410.0, 5561.0, 5483.0, 5447.0, 5531.0, 5525.0, 5278.0, 5353.0, 5316.0, 5403.0, 5718.0, 5588.0, 5399.0, 5439.0, 5290.0 (number of hits: 13 )
19	5530	9	1	333	1	5405.0, 5456.0, 5659.0, 5612.0, 5682.0, 5269.0, 5347.0, 5722.0, 5576.0, 5412.0, 5522.0, 5481.0, 5633.0, 5371.0, 5584.0, 5475.0, 5276.0, 5370.0, 5484.0, 5450.0, 5526.0, 5323.0, 5467.0, 5374.0, 5685.0, 5669.0, 5487.0, 5716.0, 5290.0, 5546.0, 5273.0, 5364.0, 5634.0, 5352.0, 5578.0, 5482.0, 5610.0, 5717.0, 5268.0, 5561.0, 5724.0, 5641.0, 5543.0, 5465.0, 5611.0, 5295.0, 5327.0, 5549.0, 5413.0, 5506.0, 5313.0, 5518.0, 5653.0, 5303.0, 5529.0, 5675.0, 5602.0, 5485.0, 5679.0, 5408.0, 5463.0, 5488.0, 5515.0, 5460.0, 5523.0, 5594.0, 5660.0, 5491.0, 5535.0, 5533.0, 5656.0, 5590.0, 5403.0, 5548.0, 5468.0, 5333.0, 5635.0, 5300.0, 5657.0, 5409.0, 5439.0, 5368.0, 5503.0, 5387.0, 5416.0, 5713.0, 5698.0, 5532.0, 5520.0, 5617.0, 5459.0, 5331.0, 5322.0, 5252.0, 5377.0, 5363.0, 5552.0, 5632.0, 5438.0, 5649.0 (number of hits: 18 )
20	5530	9	1	333	1	5522.0, 5663.0, 5310.0, 5450.0, 5586.0, 5519.0, 5493.0, 5275.0, 5655.0, 5371.0, 5534.0, 5650.0, 5464.0, 5291.0, 5622.0, 5614.0, 5680.0, 5483.0, 5699.0, 5618.0, 5411.0, 5720.0, 5634.0, 5572.0, 5385.0, 5429.0, 5477.0, 5296.0, 5479.0, 5547.0, 5394.0, 5568.0, 5670.0, 5352.0, 5309.0, 5404.0, 5504.0, 5615.0, 5455.0, 5554.0, 5440.0, 5410.0, 5551.0, 5495.0, 5306.0, 5271.0, 5628.0, 5512.0, 5469.0, 5298.0, 5565.0, 5415.0, 5340.0, 5654.0, 5442.0, 5709.0, 5391.0, 5478.0, 5465.0, 5256.0, 5643.0, 5675.0, 5526.0, 5317.0, 5562.0, 5658.0, 5405.0, 5273.0, 5599.0, 5606.0,

						5524.0, 5508.0, 5588.0, 5426.0, 5492.0, 5523.0, 5546.0, 5312.0, 5695.0, 5343.0, 5555.0, 5318.0, 5261.0, 5703.0, 5392.0, 5267.0, 5472.0, 5288.0, 5657.0, 5613.0, 5575.0, 5302.0, 5417.0, 5564.0, 5690.0, 5325.0, 5328.0, 5372.0, 5336.0, 5452.0 (number of hits: 20)
21	5530	9	1	333	1	5632.0, 5503.0, 5303.0, 5572.0, 5281.0, 5599.0, 5453.0, 5678.0, 5652.0, 5445.0, 5627.0, 5492.0, 5659.0, 5683.0, 5283.0, 5427.0, 5563.0, 5426.0, 5421.0, 5519.0, 5685.0, 5422.0, 5633.0, 5442.0, 5722.0, 5664.0, 5643.0, 5537.0, 5375.0, 5255.0, 5274.0, 5669.0, 5485.0, 5547.0, 5306.0, 5571.0, 5635.0, 5403.0, 5257.0, 5290.0, 5561.0, 5505.0, 5580.0, 5392.0, 5719.0, 5341.0, 5520.0, 5539.0, 5387.0, 5331.0, 5347.0, 5710.0, 5655.0, 5259.0, 5338.0, 5384.0, 5640.0, 5362.0, 5634.0, 5297.0, 5697.0, 5577.0, 5482.0, 5400.0, 5525.0, 5371.0, 5660.0, 5439.0, 5607.0, 5432.0, 5624.0, 5507.0, 5499.0, 5486.0, 5291.0, 5581.0, 5366.0, 5475.0, 5674.0, 5313.0, 5551.0, 5383.0, 5701.0, 5320.0, 5560.0, 5415.0, 5359.0, 5302.0, 5263.0, 5325.0, 5535.0, 5462.0, 5440.0, 5543.0, 5533.0, 5649.0, 5429.0, 5548.0, 5657.0, 5467.0 (number of hits: 19)
22	5530	9	1	333	1	5664.0, 5465.0, 5557.0, 5518.0, 5410.0, 5257.0, 5619.0, 5373.0, 5309.0, 5586.0, 5338.0, 5634.0, 5305.0, 5266.0, 5364.0, 5404.0, 5406.0, 5395.0, 5272.0, 5252.0, 5366.0, 5540.0, 5670.0, 5448.0, 5267.0, 5659.0, 5712.0, 5401.0, 5468.0, 5291.0, 5573.0, 5567.0, 5621.0, 5326.0, 5325.0, 5467.0, 5696.0, 5637.0, 5606.0, 5405.0, 5625.0, 5377.0, 5481.0, 5393.0, 5643.0, 5607.0, 5396.0, 5384.0, 5541.0, 5423.0, 5478.0, 5562.0, 5653.0, 5559.0, 5632.0, 5592.0, 5437.0, 5673.0, 5270.0, 5612.0, 5493.0, 5380.0, 5508.0, 5578.0, 5484.0, 5623.0, 5438.0, 5471.0, 5369.0, 5495.0, 5320.0, 5342.0, 5327.0, 5595.0, 5485.0, 5494.0, 5345.0, 5574.0, 5648.0, 5258.0, 5346.0, 5534.0, 5350.0, 5397.0, 5626.0, 5723.0, 5571.0, 5705.0, 5716.0, 5695.0, 5556.0, 5299.0, 5598.0, 5316.0, 5646.0, 5719.0, 5602.0, 5275.0, 5487.0, 5685.0 (number of hits: 13)
23	5530	9	1	333	1	5572.0, 5699.0, 5326.0, 5311.0, 5410.0, 5475.0, 5716.0, 5615.0, 5436.0, 5459.0, 5678.0, 5472.0, 5507.0, 5290.0, 5465.0, 5634.0, 5693.0, 5609.0, 5666.0, 5601.0, 5260.0, 5652.0, 5553.0, 5444.0, 5316.0, 5415.0, 5646.0, 5413.0, 5710.0, 5285.0, 5286.0, 5606.0, 5630.0, 5432.0, 5357.0, 5376.0, 5527.0, 5254.0, 5659.0, 5584.0, 5632.0, 5477.0, 5625.0, 5595.0, 5347.0, 5717.0, 5344.0, 5312.0, 5367.0, 5460.0, 5358.0, 5504.0, 5381.0, 5451.0, 5533.0,



						5512.0, 5273.0, 5334.0, 5258.0, 5534.0, 5695.0, 5654.0, 5558.0, 5352.0, 5268.0, 5426.0, 5670.0, 5301.0, 5528.0, 5339.0, 5700.0, 5648.0, 5423.0, 5405.0, 5526.0, 5463.0, 5278.0, 5398.0, 5483.0, 5523.0, 5680.0, 5262.0, 5401.0, 5335.0, 5399.0, 5272.0, 5692.0, 5703.0, 5434.0, 5411.0, 5704.0, 5379.0, 5455.0, 5658.0, 5341.0, 5485.0, 5495.0, 5502.0, 5251.0, 5521.0 (number of hits: 14 )
24	5530	9	1	333	1	5659.0, 5719.0, 5350.0, 5447.0, 5397.0, 5566.0, 5366.0, 5575.0, 5342.0, 5550.0, 5515.0, 5539.0, 5688.0, 5542.0, 5261.0, 5630.0, 5516.0, 5649.0, 5282.0, 5338.0, 5661.0, 5336.0, 5641.0, 5637.0, 5358.0, 5392.0, 5493.0, 5434.0, 5642.0, 5453.0, 5666.0, 5584.0, 5535.0, 5296.0, 5427.0, 5651.0, 5500.0, 5450.0, 5596.0, 5478.0, 5464.0, 5348.0, 5599.0, 5310.0, 5260.0, 5589.0, 5638.0, 5629.0, 5405.0, 5322.0, 5470.0, 5591.0, 5617.0, 5251.0, 5442.0, 5570.0, 5560.0, 5384.0, 5467.0, 5398.0, 5610.0, 5270.0, 5418.0, 5400.0, 5359.0, 5346.0, 5480.0, 5353.0, 5462.0, 5552.0, 5272.0, 5692.0, 5388.0, 5403.0, 5264.0, 5354.0, 5315.0, 5313.0, 5579.0, 5669.0, 5491.0, 5448.0, 5705.0, 5605.0, 5361.0, 5613.0, 5694.0, 5413.0, 5612.0, 5347.0, 5625.0, 5712.0, 5416.0, 5511.0, 5553.0, 5557.0, 5519.0, 5697.0, 5386.0, 5378.0 (number of hits: 15 )
25	5530	9	1	333	1	5285.0, 5548.0, 5306.0, 5479.0, 5526.0, 5704.0, 5273.0, 5325.0, 5626.0, 5551.0, 5324.0, 5576.0, 5640.0, 5505.0, 5612.0, 5656.0, 5329.0, 5597.0, 5441.0, 5601.0, 5398.0, 5419.0, 5302.0, 5311.0, 5315.0, 5708.0, 5509.0, 5360.0, 5559.0, 5570.0, 5352.0, 5407.0, 5510.0, 5376.0, 5690.0, 5692.0, 5490.0, 5598.0, 5481.0, 5383.0, 5614.0, 5414.0, 5672.0, 5537.0, 5300.0, 5497.0, 5460.0, 5327.0, 5493.0, 5403.0, 5445.0, 5303.0, 5495.0, 5379.0, 5670.0, 5558.0, 5668.0, 5391.0, 5496.0, 5539.0, 5304.0, 5363.0, 5382.0, 5512.0, 5269.0, 5317.0, 5297.0, 5536.0, 5606.0, 5474.0, 5254.0, 5489.0, 5684.0, 5502.0, 5438.0, 5587.0, 5340.0, 5691.0, 5531.0, 5465.0, 5680.0, 5420.0, 5350.0, 5625.0, 5499.0, 5316.0, 5283.0, 5513.0, 5393.0, 5370.0, 5718.0, 5386.0, 5272.0, 5643.0, 5320.0, 5590.0, 5469.0, 5562.0, 5326.0, 5563.0 (number of hits: 22 )
26	5530	9	1	333	1	5393.0, 5597.0, 5701.0, 5338.0, 5611.0, 5432.0, 5308.0, 5444.0, 5311.0, 5706.0, 5554.0, 5537.0, 5510.0, 5580.0, 5543.0, 5334.0, 5667.0, 5300.0, 5406.0, 5698.0, 5649.0, 5490.0, 5266.0, 5349.0, 5290.0, 5422.0, 5545.0, 5469.0, 5695.0, 5675.0, 5337.0, 5376.0, 5451.0, 5553.0, 5449.0, 5650.0, 5552.0, 5528.0, 5364.0, 5288.0,

						5354.0, 5466.0, 5519.0, 5615.0, 5341.0, 5655.0, 5473.0, 5627.0, 5598.0, 5662.0, 5272.0, 5716.0, 5448.0, 5368.0, 5260.0, 5458.0, 5250.0, 5658.0, 5481.0, 5704.0, 5633.0, 5713.0, 5514.0, 5474.0, 5579.0, 5663.0, 5603.0, 5307.0, 5699.0, 5606.0, 5484.0, 5512.0, 5450.0, 5666.0, 5470.0, 5599.0, 5657.0, 5661.0, 5399.0, 5270.0, 5391.0, 5333.0, 5625.0, 5421.0, 5289.0, 5460.0, 5509.0, 5595.0, 5612.0, 5390.0, 5677.0, 5313.0, 5642.0, 5263.0, 5561.0, 5463.0, 5353.0, 5541.0, 5576.0, 5316.0 (number of hits: 14 )
27	5530	9	1	333	1	5536.0, 5283.0, 5459.0, 5613.0, 5308.0, 5266.0, 5278.0, 5694.0, 5626.0, 5673.0, 5299.0, 5327.0, 5598.0, 5413.0, 5647.0, 5564.0, 5637.0, 5494.0, 5313.0, 5500.0, 5520.0, 5491.0, 5441.0, 5418.0, 5688.0, 5479.0, 5291.0, 5393.0, 5303.0, 5627.0, 5433.0, 5472.0, 5668.0, 5282.0, 5574.0, 5618.0, 5436.0, 5674.0, 5612.0, 5382.0, 5389.0, 5508.0, 5478.0, 5392.0, 5631.0, 5643.0, 5420.0, 5666.0, 5577.0, 5680.0, 5290.0, 5716.0, 5285.0, 5427.0, 5526.0, 5595.0, 5419.0, 5679.0, 5592.0, 5373.0, 5448.0, 5619.0, 5623.0, 5297.0, 5493.0, 5431.0, 5277.0, 5281.0, 5580.0, 5318.0, 5594.0, 5561.0, 5604.0, 5575.0, 5504.0, 5333.0, 5348.0, 5481.0, 5682.0, 5558.0, 5269.0, 5685.0, 5439.0, 5635.0, 5352.0, 5540.0, 5639.0, 5512.0, 5684.0, 5440.0, 5486.0, 5590.0, 5422.0, 5687.0, 5533.0, 5402.0, 5718.0, 5573.0, 5608.0, 5261.0 (number of hits: 14 )
28	5530	9	1	333	1	5524.0, 5553.0, 5661.0, 5635.0, 5668.0, 5463.0, 5427.0, 5457.0, 5271.0, 5651.0, 5345.0, 5367.0, 5621.0, 5506.0, 5508.0, 5686.0, 5636.0, 5613.0, 5562.0, 5641.0, 5595.0, 5359.0, 5511.0, 5450.0, 5284.0, 5380.0, 5268.0, 5434.0, 5403.0, 5704.0, 5270.0, 5454.0, 5679.0, 5662.0, 5281.0, 5294.0, 5500.0, 5347.0, 5666.0, 5626.0, 5660.0, 5335.0, 5344.0, 5255.0, 5667.0, 5432.0, 5540.0, 5282.0, 5484.0, 5530.0, 5534.0, 5297.0, 5543.0, 5617.0, 5499.0, 5441.0, 5639.0, 5340.0, 5501.0, 5419.0, 5612.0, 5664.0, 5712.0, 5370.0, 5317.0, 5279.0, 5493.0, 5576.0, 5252.0, 5631.0, 5253.0, 5637.0, 5360.0, 5468.0, 5700.0, 5504.0, 5425.0, 5719.0, 5390.0, 5338.0, 5585.0, 5572.0, 5331.0, 5263.0, 5692.0, 5545.0, 5334.0, 5352.0, 5690.0, 5623.0, 5382.0, 5710.0, 5642.0, 5453.0, 5265.0, 5365.0, 5465.0, 5455.0, 5289.0, 5588.0 (number of hits: 16 )
29	5530	9	1	333	1	5425.0, 5494.0, 5421.0, 5403.0, 5281.0, 5628.0, 5699.0, 5521.0, 5258.0, 5491.0, 5477.0, 5478.0, 5379.0, 5667.0, 5339.0, 5617.0, 5635.0, 5487.0, 5657.0, 5299.0, 5583.0, 5434.0, 5680.0, 5700.0, 5291.0,

						5536.0, 5319.0, 5503.0, 5397.0, 5459.0, 5261.0, 5522.0, 5646.0, 5495.0, 5439.0, 5578.0, 5369.0, 5551.0, 5401.0, 5706.0, 5346.0, 5505.0, 5581.0, 5296.0, 5563.0, 5310.0, 5669.0, 5371.0, 5380.0, 5440.0, 5518.0, 5553.0, 5697.0, 5504.0, 5262.0, 5693.0, 5655.0, 5255.0, 5539.0, 5533.0, 5682.0, 5407.0, 5534.0, 5449.0, 5575.0, 5266.0, 5381.0, 5432.0, 5352.0, 5305.0, 5671.0, 5415.0, 5276.0, 5457.0, 5499.0, 5675.0, 5557.0, 5512.0, 5300.0, 5629.0, 5602.0, 5690.0, 5479.0, 5413.0, 5642.0, 5582.0, 5387.0, 5525.0, 5665.0, 5356.0, 5286.0, 5556.0, 5408.0, 5476.0, 5465.0, 5443.0, 5365.0, 5366.0, 5694.0, 5285.0 (number of hits: 20)
30	5530	9	1	333	1	5323.0, 5375.0, 5273.0, 5531.0, 5398.0, 5602.0, 5626.0, 5571.0, 5633.0, 5674.0, 5486.0, 5429.0, 5363.0, 5454.0, 5364.0, 5362.0, 5447.0, 5406.0, 5580.0, 5392.0, 5723.0, 5377.0, 5701.0, 5587.0, 5592.0, 5261.0, 5263.0, 5630.0, 5481.0, 5410.0, 5659.0, 5274.0, 5332.0, 5641.0, 5584.0, 5658.0, 5460.0, 5315.0, 5283.0, 5301.0, 5488.0, 5326.0, 5465.0, 5522.0, 5651.0, 5372.0, 5661.0, 5716.0, 5688.0, 5670.0, 5278.0, 5528.0, 5320.0, 5543.0, 5431.0, 5585.0, 5444.0, 5295.0, 5275.0, 5346.0, 5310.0, 5624.0, 5606.0, 5313.0, 5311.0, 5416.0, 5513.0, 5523.0, 5470.0, 5557.0, 5569.0, 5564.0, 5497.0, 5634.0, 5435.0, 5636.0, 5657.0, 5635.0, 5430.0, 5340.0, 5306.0, 5345.0, 5448.0, 5514.0, 5399.0, 5371.0, 5424.0, 5338.0, 5665.0, 5610.0, 5718.0, 5607.0, 5502.0, 5324.0, 5314.0, 5605.0, 5369.0, 5342.0, 5408.0, 5453.0 (number of hits: 11)

**5610MHz**

<b>Radar SignalType</b>	<b>Waveform/Trial Number</b>	<b>Detection (%)</b>	<b>Limit (%)</b>	<b>Pass/Fail</b>
<b>Type 1A</b>	15	100%	60%	pass
<b>Type 1B</b>	15	100%	60%	pass
<b>Type 2</b>	30	100 %	60%	Pass
<b>Type 3</b>	30	100 %	60%	Pass
<b>Type 4</b>	30	98.7 %	60%	Pass
<b>Aggregate(Type1 to 4)</b>	120	100%	80%	Pass
<b>Type 5-1</b>	10	100 %	80%	Pass
<b>Type 5-2</b>	10	100 %	80%	Pass
<b>Type 5-3</b>	10	100 %	80%	Pass
<b>Type 6</b>	30	100 %	70%	Pass

Please refer to the following statistical tables:

**5610MHz****Radar Type 1A Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5610	99	1	538	1
2	5610	76	1	698	1
3	5610	18	1	3066	1
4	5610	81	1	658	1
5	5610	67	1	798	1
6	5610	83	1	638	1
7	5610	78	1	678	1
8	5610	59	1	898	1
9	5610	63	1	838	1
10	5610	95	1	558	1
11	5610	70	1	758	1
12	5610	74	1	718	1
13	5610	72	1	738	1
14	5610	102	1	518	1
15	5610	65	1	818	1
Detection Percentage: 100 % (>60%)					

**Radar Type 1B Statistical Performance**

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5610	1	22	1	2443
2	5610	2	29	1	1837
3	5610	3	68	1	787
4	5610	4	55	1	969
5	5610	5	23	1	2300
6	5610	6	25	1	2171
7	5610	7	20	1	2652
8	5610	8	81	1	656
9	5610	9	53	1	996
10	5610	10	45	1	1192
11	5610	11	58	1	911
12	5610	12	18	1	3028
13	5610	13	18	1	3042
14	5610	14	18	1	3051
15	5610	15	20	1	2743
Detection Percentage: 100 % (>60%)					

**Radar Type 2 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5610	24	3.1	174	1
2	5610	28	4.7	182	1
3	5610	28	4	170	1
4	5610	23	1.8	207	1
5	5610	29	3	173	1
6	5610	26	1	215	1
7	5610	29	3.1	171	1
8	5610	24	1.6	216	1
9	5610	29	1.7	184	1
10	5610	29	4.2	185	1
11	5610	26	1.7	210	1
12	5610	25	4.9	199	1
13	5610	25	1.7	170	1
14	5610	23	2.9	230	1
15	5610	26	1.3	185	1
16	5610	24	5	225	1
17	5610	28	1	166	1
18	5610	23	1.8	179	1
19	5610	26	3.8	199	1
20	5610	27	2.1	150	1
21	5610	25	3.3	213	1
22	5610	28	1.7	221	1
23	5610	28	1.9	185	1
24	5610	26	3	194	1
25	5610	29	3.1	225	1
26	5610	24	5	183	1
27	5610	23	1.2	223	1
28	5610	27	1.1	219	1
29	5610	28	2.8	203	1
30	5610	28	1.4	204	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 3 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5610	16	9.1	465	1
2	5610	18	7.6	305	1
3	5610	16	8.3	412	1
4	5610	17	6.7	278	1
5	5610	17	8.2	377	1
6	5610	18	7.5	303	1
7	5610	18	9.2	290	1
8	5610	17	8.3	387	1
9	5610	16	6.1	298	1
10	5610	16	7.9	220	1
11	5610	16	9.7	221	1
12	5610	18	8.6	429	1
13	5610	17	8.1	307	1
14	5610	16	7.7	351	1
15	5610	16	6.3	295	1
16	5610	18	7	258	1
17	5610	18	6.9	474	1
18	5610	17	6.1	291	1
19	5610	18	8.9	270	1
20	5610	17	6.7	223	1
21	5610	17	9	334	1
22	5610	16	9.7	237	1
23	5610	18	6.8	332	1
24	5610	18	9.7	448	1
25	5610	17	6.4	447	1
26	5610	16	7.5	270	1
27	5610	18	8.4	223	1
28	5610	16	6	473	1
29	5610	16	7	333	1
30	5610	16	6.6	208	1
<b>Detection Percentage: 100 % (&gt;60%)</b>					

**Radar Type 4 Statistical Performance**

<b>Trial #</b>	<b>Fc (MHz)</b>	<b>Pulse/Burst</b>	<b>Pulse Width (μS)</b>	<b>PRI (μs)</b>	<b>Detection (1:yes; 0:no)</b>
1	5610	15	18.4	377	1
2	5610	12	14.5	328	1
3	5610	13	19.2	450	1
4	5610	15	17.7	330	1
5	5610	15	14	484	1
6	5610	16	19	319	1
7	5610	13	12	418	1
8	5610	12	15.4	346	0
9	5610	13	14	497	0
10	5610	13	17.7	344	1
11	5610	14	19	253	1
12	5610	16	16.1	268	1
13	5610	15	16.9	399	1
14	5610	13	11.3	263	1
15	5610	13	19.8	288	1
16	5610	15	14	210	1
17	5610	15	13.8	351	1
18	5610	14	15.7	439	1
19	5610	15	12.4	282	1
20	5610	14	18.1	494	1
21	5610	14	20	273	1
22	5610	13	17.2	317	1
23	5610	14	18.2	398	1
24	5610	16	14	482	1
25	5610	13	13.4	383	1
26	5610	12	12.3	367	1
27	5610	16	13.8	281	1
28	5610	14	12.7	302	1
29	5610	13	19.2	341	1
30	5610	15	18.7	228	1
<b>Detection Percentage: 93.3 % (&gt;60%)</b>					



**Radar Type 5-1 Statistical Performance**

Statistics 1 (ChirpCenter Frequency: 5610.0MHz)

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	9	66.3	1634		0.727208	1
1	2	9	94.7	1939		1.609191	
2	1	9	90			2.702865	
3	2	9	83.1	1667		3.33221	
4	3	9	88	1352	1287	4.22825	
5	2	9	89.7	1127		4.940739	
6	2	9	93.9	1458		5.542869	
7	3	9	80.2	1655	1518	6.846113	
8	3	9	59.4	1175	1419	7.433733	
9	1	9	97.4			9.011579	
10	1	9	69.4			9.967097	
11	2	9	74	1297		10.66427	
12	1	9	78.3			11.83917	

Statistics 2 (ChirpCenter Frequency: 5610.0 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	86.8	1389		0.590154	1
1	3	12	81.8	1794	1500	1.179352	
2	3	12	50.5	1369	1645	1.892461	
3	2	12	86.5	1141		3.133203	
4	2	12	92.1	1212		3.53559	
5	1	12	90.9			4.274093	
6	1	12	82.7			5.327061	
7	3	12	76	1327	1643	6.348123	
8	2	12	84.6	1485		6.932984	
9	2	12	80.2	1292		7.330252	
10	2	12	75.1	1073		8.729681	
11	1	12	68.5			9.254159	
12	2	12	63.4	1206		9.890001	
13	3	12	53	1031	1306	10.92922	
14	2	12	94.1	1695		11.97077	

## Statistics 3 (ChirpCenter Frequency: 5610.0 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	81.1			0.217788	1
1	2	7	71.7	1585		1.57572	
2	2	7	78.9	1614		2.765346	
3	2	7	87.5	1393		3.145318	
4	1	7	83.8			4.837679	
5	2	7	77.6	1081		5.410547	
6	3	7	51.6	1826	1387	6.689964	
7	3	7	63.4	1640	1055	7.536655	
8	2	7	87.9	1558		8.959646	
9	2	7	85.9	1696		9.734656	
10	2	7	92	1175		10.39836	
11	2	7	52.7	1505		11.43336	

## Statistics 4 (ChirpCenter Frequency: 5610.0 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	95.8			0.124637	1
1	2	13	83.6	1340		0.97166	
2	1	13	66.8			1.702183	
3	3	13	55.9	1293	1521	2.133796	
4	1	13	93			2.870243	
5	1	13	95			3.551217	
6	2	13	55.8	1259		4.894856	
7	3	13	59.7	1538	1766	5.282945	
8	3	13	84.8	1147	1992	5.751756	
9	2	13	92.7	1237		6.735943	
10	2	13	56.3	1215		7.598603	
11	3	13	78.8	1798	1810	7.907701	
12	1	13	58.3			9.07135	
13	1	13	78			9.581463	
14	2	13	59.7	1763		10.25628	
15	2	13	50.6	1346		11.24436	
16	1	13	81.6			11.90105	

## Statistics 5(ChirpCenter Frequency: 5610.0 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	90.3			0.68722	1
1	1	9	75.4			1.937454	
2	3	9	90.4	1534	1326	3.294798	
3	2	9	52.9	1132		3.688655	
4	2	9	96.5	1854		5.481038	
5	1	9	77.5			6.196692	
6	2	9	70.8	1693		7.457565	
7	1	9	77			9.265423	
8	1	9	78.1			10.14056	
9	3	9	58.8	1074	1529	11.76858	

## Statistics 6 (ChirpCenter Frequency: 5610.0 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	59.2	1299		0.366774	1
1	3	6	86.2	1427	1502	0.975361	
2	2	6	83.4	1709		1.228152	
3	2	6	77.7	1348		1.888626	
4	3	6	66.6	1900	1519	2.786986	
5	2	6	71.6	1554		3.578629	
6	1	6	71.4			4.162405	
7	3	6	82.9	1324	1211	4.577047	
8	2	6	74.1	1248		5.091425	
9	3	6	63.6	1083	1724	5.695234	
10	1	6	60.4			6.290656	
11	3	6	88.7	1358	1518	6.718644	
12	1	6	66.4			7.404528	
13	2	6	58.8	1980		8.049363	
14	1	6	83			8.731149	
15	3	6	51.1	1686	1345	9.477365	
16	1	6	87			9.886949	
17	1	6	55.5			10.7094	
18	2	6	70.5	1626		11.06526	
19	1	6	69.5			11.65643	

## Statistics 7(ChirpCenter Frequency: 5610.0 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	90.2	1436		0.59591	1
1	3	9	86.4	1588	1800	1.008014	
2	3	9	99.1	1807	1015	2.064929	
3	1	9	61.6			3.498471	
4	2	9	76.7	1607		4.148265	
5	2	9	57.1	1568		4.688212	
6	2	9	73.8	1739		6.238386	
7	2	9	59.4	1481		7.079664	
8	2	9	91.1	1132		7.802426	
9	1	9	93			9.091659	
10	1	9	56.5			9.717316	
11	2	9	54.5	1374		10.91812	
12	2	9	56.8	1024		11.8297	

## Statistics 8 (ChirpCenter Frequency: 5610.0 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	59.1			0.391202	1
1	2	13	56.2	1130		1.395775	
2	3	13	89.4	1983	1359	1.696525	
3	2	13	69.9	1923		2.735633	
4	2	13	59.1	1266		3.115094	
5	1	13	91.2			3.811286	
6	2	13	79.7	1021		4.394848	
7	2	13	82.3	1532		5.638482	
8	2	13	85.2	1268		5.966863	
9	1	13	59.7			6.545672	
10	2	13	95.9	1095		7.469085	
11	2	13	89.8	1412		7.820548	
12	3	13	79.3	1242	1407	8.788387	
13	3	13	65.7	1910	1311	9.445046	
14	1	13	90			10.49967	
15	2	13	76.2	1959		10.9746	
16	3	13	58.4	1896	1148	11.59968	

## Statistics 9 (ChirpCenter Frequency: 5610.0 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	60	1356		0.321398	1
1	2	11	96	1098		1.229617	
2	2	11	51.2	1371		1.325893	
3	1	11	59.1			2.365928	
4	2	11	80.9	1606		2.965426	
5	1	11	99.7			3.58539	
6	2	11	81.5	1219		4.002011	
7	3	11	93.5	1110	1871	4.942646	
8	2	11	76.6	1466		5.59229	
9	2	11	96.9	1019		6.100284	
10	2	11	68.4	1233		6.595206	
11	2	11	83.7	1469		7.314984	
12	2	11	61.4	1709		8.004137	
13	2	11	95.9	1353		8.241784	
14	3	11	62.5	1481	1060	9.284149	
15	3	11	84.5	1215	1791	9.715501	
16	2	11	69.6	1188		10.19696	
17	2	11	68.7	1750		11.3296	
18	1	11	56.3			11.5953	

## Statistics 10 (ChirpCenter Frequency: 5610.0 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	95.3			0.369098	1
1	1	7	61.4			0.849622	
2	2	7	62	1197		2.00801	
3	1	7	74.7			2.634544	
4	1	7	59.3			3.298651	
5	2	7	93.7	1464		4.624092	
6	3	7	85.6	1046	1021	5.006275	
7	1	7	99.9			5.908648	
8	2	7	70	1007		6.683749	
9	2	7	83.5	1976		7.203997	
10	1	7	65.5			8.24292	
11	3	7	62.7	1174	1800	9.538322	
12	2	7	81.7	1706		9.986046	
13	2	7	77.3	1548		10.4298	
14	2	7	83.2	1770		11.80145	

**Radar Type 5-2 Statistical Performance**

Statistics 1 (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	7	58.4			0.273795	1
1	2	7	79.1	1768		0.85252	
2	2	7	94.6	1185		1.920459	
3	3	7	93.8	1335	1568	2.573815	
4	2	7	90.5	1113		3.251077	
5	1	7	91.9			4.065939	
6	1	7	61.1			4.665869	
7	1	7	56.3			5.978479	
8	2	7	65.9	1154		6.361692	
9	3	7	81.6	1124	1896	6.917808	
10	1	7	80.2			8.231865	
11	2	7	97.6	1677		8.301873	
12	1	7	86.9			9.695049	
13	2	7	71	1434		10.18152	
14	2	7	91.6	1851		10.88129	
15	2	7	75	1005		11.69477	

Statistics 2 (ChirpCenter Frequency: 5579.0 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	18	59.4	1041	1386	0.004249	1
1	2	18	97.6	1965		1.331781	
2	2	18	79.2	1257		2.194632	
3	2	18	84.4	1922		3.145432	
4	3	18	56	1722	1834	4.550532	
5	3	18	55	1598	1198	4.901676	
6	2	18	54.3	1664		5.599444	
7	1	18	85.7			6.547693	
8	2	18	67.3	1397		7.875465	
9	1	18	84			8.529962	
10	2	18	72	1094		9.920271	
11	2	18	84.6	1444		11.01522	
12	2	18	59.9	1680		11.39983	

Statistics 3 (ChirpCenter Frequency: 5576.0 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	88.9	1718		0.798077	1
1	2	10	59	1256		0.994477	
2	2	10	52.1	1238		2.437507	
3	3	10	88.9	1859	1691	3.376883	
4	2	10	50.1	1328		4.093236	
5	2	10	67	1990		4.544356	
6	2	10	71.4	1119		5.422689	
7	2	10	55.5	1159		6.089702	
8	2	10	52	1083		6.882945	
9	3	10	90.2	1439	1899	8.322186	
10	2	10	57.4	1709		9.033063	
11	2	10	93	1385		10.20266	
12	2	10	51.4	1166		10.70268	
13	1	10	75.8			11.62993	

Statistics 4 (ChirpCenter Frequency: 5574.0 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	98.5	1002	1611	0.131833	1
1	2	6	74.8	1450		1.161235	
2	2	6	66.4	1338		1.484124	
3	2	6	82.2	1525		2.27709	
4	2	6	51.5	1342		2.872574	
5	2	6	86	1891		3.686094	
6	3	6	75	1470	1507	4.632991	
7	2	6	99.6	1404		4.750957	
8	2	6	59.4	1836		5.371639	
9	1	6	53.1			6.257296	
10	3	6	62	1263	1027	6.872144	
11	2	6	52.7	1491		7.348649	
12	2	6	84.7	1244		8.43707	
13	3	6	86.5	1620	1887	9.307322	
14	1	6	77.8			9.894565	
15	2	6	65	1510		10.027	
16	2	6	79.3	1730		10.88504	
17	3	6	95	1576	1697	11.75008	

Statistics 5 (ChirpCenter Frequency: 5578.0 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	55.4			0.565602	1
1	2	15	87.6	1408		0.835248	
2	2	15	96.7	1521		2.25184	
3	2	15	92.5	1744		2.494438	
4	2	15	54.3	1189		3.868902	
5	2	15	57.1	1943		4.330493	
6	1	15	63.7			5.455354	
7	1	15	97.9			6.045097	
8	2	15	57.7	1572		6.607639	
9	2	15	83	1174		7.330978	
10	3	15	77	1856	1886	8.061457	
11	1	15	71.8			9.149638	
12	2	15	95	1227		9.929812	
13	1	15	95			10.62647	
14	2	15	93.7	1837		11.28264	

Statistics 6 (ChirpCenter Frequency: 5578.0 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	79.5			1.182155	1
1	1	14	93			1.723375	
2	2	14	66.1	1090		2.947702	
3	3	14	92.5	1353	1477	5.118098	
4	3	14	54.7	1997	1462	5.869232	
5	2	14	91.7	1349		7.93925	
6	1	14	68.9			8.889621	
7	3	14	55.8	1453	1027	10.55165	
8	1	14	98.2			11.47699	



## Statistics 7 (ChirpCenter Frequency: 5578.0 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	94.9			0.462299	1
1	2	14	59.1	1335		0.729465	
2	2	14	61	1691		1.660314	
3	2	14	99.3	1929		2.336571	
4	1	14	73.5			2.676295	
5	2	14	77	1089		3.212878	
6	3	14	85.2	1736	1943	3.991384	
7	2	14	62.6	1397		4.695921	
8	2	14	88.7	1716		5.268681	
9	3	14	90.7	1502	1422	5.81217	
10	2	14	87.6	1068		6.371268	
11	2	14	82.8	1909		6.653686	
12	2	14	52.9	1734		7.526995	
13	2	14	53.7	1988		7.817961	
14	1	14	81.3			8.80698	
15	1	14	93.8			9.23373	
16	2	14	60.2	1191		9.910713	
17	2	14	84	1428		10.30332	
18	2	14	52.1	1869		11.32995	
19	3	14	59.6	1692	1757	11.55265	

## Statistics 8 (ChirpCenter Frequency: 5576.0 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	83.1	1620		0.305793	1
1	2	10	76.8	1278		2.861133	
2	3	10	52.3	1359	1936	3.307992	
3	3	10	56.2	1857	1671	4.758992	
4	1	10	59.3			6.488199	
5	1	10	91.4			8.263949	
6	2	10	90.7	1847		9.692255	
7	2	10	63.4	1179		10.90679	

Statistics 9 (ChirpCenter Frequency: 5579.0 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	18	64.8			0.538824	0
1	1	18	55.9			1.197534	
2	2	18	90.3	1417		2.121242	
3	2	18	99.9	1973		3.762202	
4	1	18	91.8			4.66956	
5	2	18	93.7	1027		5.157479	
6	3	18	89.3	1313	1414	6.59839	
7	2	18	77.4	1221		7.706685	
8	2	18	59.9	1729		8.193997	
9	3	18	79.2	1061	1570	9.033053	
10	2	18	56	1499		10.57286	
11	3	18	92.7	1744	1370	11.49489	

Statistics 10 (ChirpCenter Frequency: 5576.0 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	96.2			0.953094	1
1	1	10	52.3			2.575642	
2	2	10	96.5	1508		3.580906	
3	3	10	52.7	1022	1985	5.273008	
4	2	10	59.5	1766		5.621599	
5	2	10	56.8	1333		7.838621	
6	1	10	67.1			8.745385	
7	1	10	65			9.804531	
8	1	10	89.4			11.42233	

**Radar Type 5-3 Statistical Performance**

Statistics 1 (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	8	57.8	1368		0.829081	1
1	3	8	75.7	1257	1954	1.141075	
2	2	8	68.5	1073		2.361773	
3	1	8	76.8			3.277185	
4	2	8	60	1750		3.782189	
5	2	8	97.4	1875		5.082482	
6	2	8	78.9	1251		5.938861	
7	2	8	61.1	1805		6.668006	
8	3	8	74.4	1889	1644	7.466838	
9	2	8	51.1	1601		7.893581	
10	2	8	77.8	1074		8.974015	
11	2	8	78.4	1180		9.694683	
12	2	8	96.1	1617		10.95388	
13	3	8	94.9	1385	1848	11.4874	

Statistics 2 (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	1	13	50.3			0.339903	1
1	2	13	86.7	1466		0.752252	
2	2	13	71.8	1749		1.787813	
3	2	13	77.5	1600		1.90269	
4	1	13	51.1			2.80524	
5	2	13	69.2	1777		3.54899	
6	2	13	55.3	1340		3.789665	
7	2	13	80.8	1030		4.582439	
8	2	13	73.6	1646		4.975938	
9	1	13	53.9			5.451527	
10	3	13	73.6	1607	1313	6.261626	
11	2	13	66.2	1056		6.75924	
12	3	13	74.9	1188	1193	7.561966	
13	3	13	52.4	1584	1239	8.217579	
14	2	13	55.4	1610		8.611209	
15	3	13	56.4	1576	1841	9.326165	
16	1	13	53.7			10.06014	
17	3	13	96.3	1188	1317	10.53229	
18	3	13	66.5	1636	1807	10.88229	
19	2	13	97.1	1530		11.91486	

Statistics 3 (ChirpCenter Frequency: 5642.0 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	50.8			0.327758	1
1	2	16	53.5	1764		1.501437	
2	1	16	50.9			2.435239	
3	3	16	99.2	1044	1736	2.687884	
4	2	16	73.4	1153		3.61471	
5	1	16	97			5.120315	
6	3	16	65.7	1070	1905	5.889386	
7	3	16	61.2	1505	1865	6.310927	
8	2	16	78.4	1299		6.952602	
9	2	16	55.4	1023		8.076535	
10	2	16	92.5	1562		9.072698	
11	2	16	80.7	1963		9.837877	
12	3	16	99.6	1488	1034	10.6818	
13	2	16	88.8	1580		11.80656	

Statistics 4 (ChirpCenter Frequency: 5640.0 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	55.7	1601	1333	0.580128	1
1	2	20	56	1708		1.33387	
2	1	20	61.7			2.168405	
3	2	20	72.4	1511		3.31359	
4	3	20	82.4	1776	1288	4.430862	
5	3	20	62.7	1805	1536	5.050876	
6	2	20	95.9	1164		5.854624	
7	2	20	77.4	1411		7.060094	
8	2	20	68	1993		7.568349	
9	2	20	78.1	1848		8.714711	
10	2	20	98.7	1481		10.06673	
11	1	20	74.2			10.46672	
12	1	20	51.9			11.60416	

## Statistics 5 (ChirpCenter Frequency: 5642.0 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	84.7	1535		0.645594	1
1	2	15	61.3	1497		1.225822	
2	3	15	56.3	1793	1793	2.480585	
3	2	15	57	1537		3.266231	
4	2	15	51.8	1441		3.780101	
5	2	15	60.7	1550		4.81928	
6	1	15	70.2			5.78606	
7	3	15	82.8	1187	1981	6.183701	
8	3	15	60.8	1560	1832	6.86776	
9	1	15	68.1			7.749397	
10	2	15	57.5	1902		9.160681	
11	3	15	66.6	1955	1620	9.498972	
12	2	15	75.5	1899		10.84827	
13	1	15	85.7			11.18276	

## Statistics 6 (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	3	11	80.5	1253	1679	1.133695	1
1	2	11	66.4	1855		1.563894	
2	2	11	87.4	1765		4.186152	
3	2	11	89.9	1742		5.852586	
4	2	11	85.4	1038		6.885575	
5	3	11	87.1	1311	1964	7.710216	
6	3	11	96.4	1810	1783	9.866963	
7	2	11	51.1	1156		11.9627	

## Statistics 7 (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	11	64.6	1541		0.685213	1
1	3	11	51.6	1953	1918	1.299586	
2	1	11	89.4			2.134866	
3	2	11	67.4	1866		2.916747	
4	1	11	94.4			3.678427	
5	1	11	51.9			4.005654	
6	2	11	76.9	1881		4.918657	
7	1	11	79.3			5.651653	
8	3	11	90	1974	1234	6.96718	
9	2	11	52.6	1092		7.598831	
10	2	11	91	1706		8.000897	
11	1	11	95.3			9.270752	
12	1	11	63.4			10.12657	
13	2	11	68.2	1308		11.13034	
14	1	11	80			11.20903	

## 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	11	88.5	1759		0.541855	1
1	3	11	71.8	1471	1870	1.253548	
2	2	11	98.2	1327		2.147116	
3	3	11	95.9	1991	1279	2.878206	
4	2	11	66.1	1473		3.854354	
5	1	11	83.3			4.965386	
6	2	11	64.3	1576		6.335066	
7	2	11	56.8	1622		6.583062	
8	1	11	96.7			7.701223	
9	1	11	86.8			8.459915	
10	3	11	61.7	1951	1961	9.578849	
11	2	11	64.5	1743		10.5355	
12	2	11	56.7	1224		11.56123	

Statistics 9 (ChirpCenter Frequency: 5642.0 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	96.4	1421	1696	0.538167	1
1	2	15	80.4	1538		1.310041	
2	3	15	67.9	1424	1215	1.671988	
3	2	15	51.7	1630		2.48484	
4	1	15	90.1			3.989414	
5	3	15	51.3	1963	1575	4.228617	
6	3	15	69.7	1794	1446	5.455479	
7	1	15	58.5			5.899401	
8	3	15	80.3	1120	1342	6.898538	
9	3	15	83.5	1697	1484	7.607138	
10	1	15	50.8			8.287125	
11	2	15	82.4	1534		9.057151	
12	1	15	57.2			9.797811	
13	1	15	50.8			10.99146	
14	1	15	87.7			11.39656	

Statistics 10 (ChirpCenter Frequency: 5641.0 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	18	60.9			0.507356	1
1	2	18	91.5	1651		1.517727	
2	3	18	92.9	1317	1310	1.955425	
3	2	18	76.8	1487		2.721645	
4	2	18	91.8	1661		3.319805	
5	3	18	90.2	1530	1143	4.197557	
6	1	18	57.2			5.087938	
7	3	18	91.9	1142	1606	6.388002	
8	2	18	58.1	1261		6.838808	
9	2	18	86.6	1874		7.87385	
10	3	18	97.9	1835	1071	8.703607	
11	2	18	70.2	1857		8.884538	
12	3	18	81	1759	1708	9.626391	
13	3	18	74	1360	1959	10.95812	
14	2	18	53.4	1202		11.85031	

**Radar Type 6 Statistical Performance**

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence (MHz)
1	5610	9	1	333	1	5717.0, 5507.0, 5274.0, 5685.0, 5673.0, 5652.0, 5556.0, 5636.0, 5530.0, 5618.0, 5424.0, 5322.0, 5309.0, 5572.0, 5476.0, 5485.0, 5363.0, 5345.0, 5682.0, 5594.0, 5416.0, 5558.0, 5504.0, 5464.0, 5382.0, 5544.0, 5447.0, 5679.0, 5427.0, 5386.0, 5452.0, 5521.0, 5372.0, 5310.0, 5465.0, 5719.0, 5325.0, 5669.0, 5315.0, 5463.0, 5502.0, 5629.0, 5559.0, 5599.0, 5348.0, 5709.0, 5303.0, 5393.0, 5668.0, 5540.0, 5681.0, 5369.0, 5346.0, 5612.0, 5546.0, 5525.0, 5561.0, 5449.0, 5352.0, 5675.0, 5362.0, 5552.0, 5631.0, 5611.0, 5497.0, 5287.0, 5480.0, 5314.0, 5324.0, 5616.0, 5588.0, 5432.0, 5522.0, 5597.0, 5282.0, 5708.0, 5688.0, 5453.0, 5318.0, 5347.0, 5368.0, 5554.0, 5577.0, 5658.0, 5632.0, 5622.0, 5406.0, 5409.0, 5251.0, 5710.0, 5702.0, 5256.0, 5460.0, 5377.0, 5490.0, 5469.0, 5420.0, 5592.0, 5281.0, 5394.0 (number of hits: 16)
2	5610	9	1	333	1	5252.0, 5401.0, 5318.0, 5353.0, 5439.0, 5572.0, 5487.0, 5255.0, 5655.0, 5398.0, 5590.0, 5579.0, 5571.0, 5429.0, 5710.0, 5309.0, 5449.0, 5291.0, 5456.0, 5329.0, 5342.0, 5421.0, 5471.0, 5585.0, 5320.0, 5600.0, 5422.0, 5475.0, 5612.0, 5723.0, 5281.0, 5419.0, 5433.0, 5268.0, 5645.0, 5543.0, 5540.0, 5688.0, 5305.0, 5607.0, 5488.0, 5503.0, 5668.0, 5277.0, 5695.0, 5300.0, 5628.0, 5686.0, 5363.0, 5702.0, 5681.0, 5445.0, 5564.0, 5378.0, 5351.0, 5426.0, 5328.0, 5711.0, 5317.0, 5534.0, 5323.0, 5484.0, 5657.0, 5407.0, 5374.0, 5275.0, 5341.0, 5658.0, 5666.0, 5673.0, 5416.0, 5399.0, 5283.0, 5500.0, 5430.0, 5713.0, 5551.0, 5369.0, 5453.0, 5697.0, 5703.0, 5253.0, 5507.0, 5385.0, 5302.0, 5622.0, 5412.0, 5620.0, 5312.0, 5599.0, 5470.0, 5642.0, 5479.0, 5548.0, 5553.0, 5482.0, 5608.0, 5595.0, 5635.0, 5383.0 (number of hits: 16)
3	5610	9	1	333	1	5510.0, 5691.0, 5593.0, 5685.0, 5433.0, 5318.0, 5633.0, 5723.0, 5271.0, 5604.0, 5544.0, 5657.0, 5678.0, 5411.0, 5677.0, 5606.0, 5622.0, 5444.0, 5634.0, 5478.0, 5671.0, 5690.0, 5432.0, 5561.0, 5350.0, 5484.0, 5630.0, 5549.0, 5340.0, 5402.0, 5649.0, 5403.0, 5716.0, 5575.0, 5667.0, 5724.0, 5485.0, 5286.0, 5620.0, 5605.0, 5467.0, 5699.0, 5498.0, 5650.0, 5420.0, 5585.0, 5292.0, 5418.0, 5704.0, 5586.0, 5497.0, 5708.0, 5609.0, 5382.0, 5272.0,



						5413.0, 5255.0, 5537.0, 5401.0, 5341.0, 5347.0, 5480.0, 5718.0, 5676.0, 5385.0, 5608.0, 5629.0, 5710.0, 5613.0, 5253.0, 5390.0, 5421.0, 5392.0, 5320.0, 5296.0, 5295.0, 5430.0, 5387.0, 5607.0, 5254.0, 5648.0, 5438.0, 5266.0, 5644.0, 5456.0, 5356.0, 5285.0, 5282.0, 5308.0, 5424.0, 5719.0, 5548.0, 5311.0, 5448.0, 5533.0, 5612.0, 5302.0, 5314.0, 5339.0, 5419.0 (number of hits: 19)
4	5610	9	1	333	1	5665.0, 5316.0, 5574.0, 5463.0, 5455.0, 5542.0, 5558.0, 5454.0, 5554.0, 5452.0, 5445.0, 5653.0, 5646.0, 5723.0, 5651.0, 5657.0, 5649.0, 5606.0, 5522.0, 5579.0, 5358.0, 5654.0, 5478.0, 5474.0, 5671.0, 5504.0, 5287.0, 5510.0, 5368.0, 5631.0, 5677.0, 5388.0, 5434.0, 5453.0, 5495.0, 5483.0, 5509.0, 5572.0, 5633.0, 5703.0, 5459.0, 5599.0, 5467.0, 5364.0, 5266.0, 5592.0, 5440.0, 5347.0, 5333.0, 5284.0, 5659.0, 5641.0, 5496.0, 5331.0, 5354.0, 5694.0, 5578.0, 5395.0, 5593.0, 5660.0, 5414.0, 5462.0, 5487.0, 5568.0, 5461.0, 5352.0, 5569.0, 5582.0, 5547.0, 5426.0, 5417.0, 5359.0, 5308.0, 5338.0, 5655.0, 5310.0, 5379.0, 5282.0, 5609.0, 5556.0, 5408.0, 5624.0, 5468.0, 5272.0, 5482.0, 5696.0, 5437.0, 5381.0, 5424.0, 5610.0, 5317.0, 5645.0, 5373.0, 5269.0, 5661.0, 5465.0, 5501.0, 5717.0, 5377.0, 5412.0 (number of hits: 17)
5	5610	9	1	333	1	5573.0, 5412.0, 5307.0, 5625.0, 5547.0, 5477.0, 5467.0, 5517.0, 5619.0, 5371.0, 5684.0, 5375.0, 5308.0, 5288.0, 5512.0, 5291.0, 5293.0, 5718.0, 5270.0, 5653.0, 5519.0, 5434.0, 5719.0, 5539.0, 5558.0, 5698.0, 5450.0, 5328.0, 5532.0, 5338.0, 5257.0, 5587.0, 5650.0, 5381.0, 5582.0, 5252.0, 5254.0, 5433.0, 5273.0, 5485.0, 5527.0, 5464.0, 5278.0, 5708.0, 5583.0, 5462.0, 5388.0, 5646.0, 5262.0, 5639.0, 5411.0, 5590.0, 5580.0, 5588.0, 5602.0, 5710.0, 5316.0, 5432.0, 5403.0, 5601.0, 5677.0, 5504.0, 5617.0, 5327.0, 5259.0, 5404.0, 5564.0, 5311.0, 5286.0, 5722.0, 5545.0, 5649.0, 5679.0, 5682.0, 5333.0, 5426.0, 5632.0, 5565.0, 5310.0, 5663.0, 5479.0, 5455.0, 5401.0, 5498.0, 5281.0, 5387.0, 5493.0, 5351.0, 5474.0, 5292.0, 5571.0, 5603.0, 5483.0, 5690.0, 5655.0, 5689.0, 5283.0, 5543.0, 5520.0, 5294.0 (number of hits: 16)
6	5610	9	1	333	1	5453.0, 5374.0, 5498.0, 5665.0, 5266.0, 5584.0, 5387.0, 5312.0, 5432.0, 5314.0, 5522.0, 5360.0, 5562.0, 5305.0, 5704.0, 5389.0, 5310.0, 5348.0, 5481.0, 5680.0, 5357.0, 5508.0, 5418.0, 5492.0, 5619.0, 5298.0, 5528.0, 5479.0, 5287.0, 5339.0, 5381.0, 5549.0, 5628.0, 5681.0, 5451.0, 5261.0, 5333.0, 5470.0, 5640.0, 5566.0,

						5391.0, 5347.0, 5268.0, 5454.0, 5585.0, 5315.0, 5532.0, 5621.0, 5654.0, 5440.0, 5620.0, 5396.0, 5316.0, 5714.0, 5706.0, 5575.0, 5385.0, 5614.0, 5311.0, 5557.0, 5559.0, 5641.0, 5692.0, 5345.0, 5616.0, 5626.0, 5277.0, 5534.0, 5463.0, 5252.0, 5377.0, 5368.0, 5618.0, 5504.0, 5670.0, 5666.0, 5254.0, 5406.0, 5336.0, 5570.0, 5542.0, 5403.0, 5306.0, 5519.0, 5568.0, 5423.0, 5342.0, 5273.0, 5612.0, 5416.0, 5675.0, 5687.0, 5448.0, 5386.0, 5413.0, 5667.0, 5450.0, 5674.0, 5548.0, 5446.0 (number of hits: 14 )
7	5610	9	1	333	1	5675.0, 5357.0, 5497.0, 5629.0, 5608.0, 5268.0, 5615.0, 5480.0, 5331.0, 5433.0, 5677.0, 5494.0, 5459.0, 5345.0, 5419.0, 5628.0, 5468.0, 5427.0, 5441.0, 5611.0, 5457.0, 5694.0, 5654.0, 5452.0, 5569.0, 5499.0, 5648.0, 5323.0, 5669.0, 5333.0, 5284.0, 5680.0, 5308.0, 5687.0, 5623.0, 5543.0, 5556.0, 5310.0, 5673.0, 5382.0, 5592.0, 5273.0, 5359.0, 5369.0, 5509.0, 5534.0, 5392.0, 5563.0, 5474.0, 5597.0, 5449.0, 5293.0, 5387.0, 5609.0, 5390.0, 5309.0, 5665.0, 5681.0, 5270.0, 5425.0, 5454.0, 5522.0, 5445.0, 5423.0, 5283.0, 5373.0, 5526.0, 5355.0, 5377.0, 5652.0, 5471.0, 5338.0, 5325.0, 5291.0, 5313.0, 5624.0, 5618.0, 5603.0, 5259.0, 5319.0, 5353.0, 5635.0, 5306.0, 5655.0, 5413.0, 5614.0, 5548.0, 5581.0, 5300.0, 5621.0, 5421.0, 5367.0, 5435.0, 5692.0, 5409.0, 5450.0, 5626.0, 5582.0, 5610.0, 5332.0 (number of hits: 19 )
8	5610	9	1	333	1	5560.0, 5585.0, 5373.0, 5697.0, 5515.0, 5551.0, 5651.0, 5254.0, 5276.0, 5650.0, 5274.0, 5626.0, 5498.0, 5492.0, 5587.0, 5343.0, 5600.0, 5472.0, 5516.0, 5549.0, 5365.0, 5507.0, 5314.0, 5463.0, 5325.0, 5561.0, 5388.0, 5329.0, 5493.0, 5713.0, 5711.0, 5721.0, 5499.0, 5514.0, 5687.0, 5714.0, 5394.0, 5376.0, 5310.0, 5602.0, 5326.0, 5632.0, 5565.0, 5476.0, 5583.0, 5672.0, 5644.0, 5421.0, 5287.0, 5658.0, 5616.0, 5415.0, 5400.0, 5489.0, 5372.0, 5439.0, 5545.0, 5375.0, 5509.0, 5410.0, 5379.0, 5425.0, 5618.0, 5433.0, 5660.0, 5309.0, 5344.0, 5504.0, 5678.0, 5260.0, 5532.0, 5414.0, 5339.0, 5674.0, 5646.0, 5694.0, 5542.0, 5459.0, 5305.0, 5502.0, 5668.0, 5419.0, 5464.0, 5258.0, 5597.0, 5617.0, 5629.0, 5506.0, 5579.0, 5277.0, 5389.0, 5641.0, 5481.0, 5679.0, 5354.0, 5606.0, 5360.0, 5456.0, 5670.0, 5271.0 (number of hits: 17 )
9	5610	9	1	333	1	5618.0, 5709.0, 5251.0, 5501.0, 5702.0, 5383.0, 5542.0, 5615.0, 5554.0, 5421.0, 5405.0, 5297.0, 5398.0, 5641.0, 5616.0, 5660.0, 5266.0, 5387.0, 5471.0, 5321.0, 5470.0, 5517.0, 5503.0, 5622.0, 5483.0,

						5595.0, 5364.0, 5494.0, 5654.0, 5315.0, 5689.0, 5267.0, 5563.0, 5255.0, 5415.0, 5473.0, 5653.0, 5365.0, 5584.0, 5496.0, 5718.0, 5402.0, 5332.0, 5661.0, 5334.0, 5567.0, 5609.0, 5287.0, 5350.0, 5580.0, 5253.0, 5433.0, 5428.0, 5650.0, 5329.0, 5275.0, 5556.0, 5677.0, 5441.0, 5317.0, 5489.0, 5431.0, 5296.0, 5311.0, 5447.0, 5258.0, 5419.0, 5652.0, 5545.0, 5706.0, 5463.0, 5701.0, 5585.0, 5624.0, 5643.0, 5646.0, 5330.0, 5361.0, 5583.0, 5454.0, 5537.0, 5672.0, 5312.0, 5289.0, 5358.0, 5642.0, 5460.0, 5575.0, 5452.0, 5411.0, 5676.0, 5300.0, 5263.0, 5455.0, 5695.0, 5686.0, 5548.0, 5518.0, 5368.0, 5617.0 (number of hits: 17)
10	5610	9	1	333	1	5624.0, 5475.0, 5538.0, 5299.0, 5258.0, 5543.0, 5498.0, 5406.0, 5528.0, 5327.0, 5442.0, 5262.0, 5349.0, 5308.0, 5549.0, 5293.0, 5674.0, 5719.0, 5693.0, 5334.0, 5665.0, 5686.0, 5486.0, 5280.0, 5317.0, 5661.0, 5443.0, 5357.0, 5470.0, 5441.0, 5505.0, 5525.0, 5593.0, 5286.0, 5554.0, 5457.0, 5583.0, 5395.0, 5434.0, 5522.0, 5356.0, 5290.0, 5591.0, 5506.0, 5383.0, 5416.0, 5616.0, 5255.0, 5572.0, 5557.0, 5638.0, 5477.0, 5268.0, 5634.0, 5688.0, 5379.0, 5381.0, 5683.0, 5702.0, 5672.0, 5601.0, 5374.0, 5355.0, 5599.0, 5715.0, 5584.0, 5658.0, 5607.0, 5507.0, 5526.0, 5425.0, 5372.0, 5527.0, 5437.0, 5329.0, 5499.0, 5573.0, 5717.0, 5456.0, 5424.0, 5491.0, 5642.0, 5648.0, 5266.0, 5515.0, 5637.0, 5643.0, 5336.0, 5351.0, 5421.0, 5335.0, 5288.0, 5503.0, 5313.0, 5306.0, 5269.0, 5482.0, 5677.0, 5354.0, 5659.0 (number of hits: 16)
11	5610	9	1	333	1	5331.0, 5474.0, 5406.0, 5470.0, 5361.0, 5507.0, 5455.0, 5416.0, 5459.0, 5558.0, 5277.0, 5323.0, 5584.0, 5627.0, 5640.0, 5642.0, 5503.0, 5345.0, 5382.0, 5713.0, 5595.0, 5622.0, 5271.0, 5434.0, 5694.0, 5351.0, 5476.0, 5614.0, 5355.0, 5537.0, 5313.0, 5528.0, 5533.0, 5587.0, 5354.0, 5412.0, 5673.0, 5402.0, 5464.0, 5718.0, 5619.0, 5639.0, 5564.0, 5430.0, 5448.0, 5615.0, 5608.0, 5278.0, 5330.0, 5358.0, 5303.0, 5400.0, 5682.0, 5661.0, 5540.0, 5583.0, 5299.0, 5346.0, 5449.0, 5482.0, 5415.0, 5364.0, 5678.0, 5512.0, 5447.0, 5375.0, 5703.0, 5633.0, 5452.0, 5362.0, 5715.0, 5696.0, 5343.0, 5579.0, 5698.0, 5257.0, 5553.0, 5628.0, 5253.0, 5547.0, 5531.0, 5598.0, 5510.0, 5342.0, 5523.0, 5368.0, 5385.0, 5551.0, 5462.0, 5321.0, 5637.0, 5604.0, 5353.0, 5427.0, 5378.0, 5508.0, 5679.0, 5453.0, 5473.0, 5707.0 (number of hits: 19)
12	5610	9	1	333	1	5634.0, 5319.0, 5455.0, 5677.0, 5441.0, 5365.0, 5709.0, 5551.0, 5599.0, 5611.0,

						5426.0, 5705.0, 5676.0, 5722.0, 5474.0, 5631.0, 5410.0, 5276.0, 5413.0, 5459.0, 5402.0, 5624.0, 5496.0, 5303.0, 5285.0, 5480.0, 5544.0, 5619.0, 5529.0, 5559.0, 5360.0, 5348.0, 5699.0, 5514.0, 5400.0, 5565.0, 5291.0, 5715.0, 5541.0, 5593.0, 5585.0, 5502.0, 5492.0, 5355.0, 5418.0, 5306.0, 5358.0, 5408.0, 5331.0, 5583.0, 5405.0, 5449.0, 5708.0, 5647.0, 5517.0, 5344.0, 5626.0, 5498.0, 5520.0, 5302.0, 5254.0, 5638.0, 5662.0, 5373.0, 5404.0, 5443.0, 5288.0, 5718.0, 5584.0, 5464.0, 5592.0, 5694.0, 5278.0, 5470.0, 5403.0, 5511.0, 5281.0, 5407.0, 5340.0, 5549.0, 5393.0, 5526.0, 5540.0, 5478.0, 5297.0, 5525.0, 5337.0, 5287.0, 5437.0, 5513.0, 5414.0, 5515.0, 5465.0, 5473.0, 5659.0, 5293.0, 5508.0, 5615.0, 5362.0, 5427.0 (number of hits: 15 )
13	5610	9	1	333	1	5530.0, 5465.0, 5642.0, 5393.0, 5428.0, 5284.0, 5328.0, 5356.0, 5591.0, 5513.0, 5276.0, 5548.0, 5346.0, 5691.0, 5574.0, 5463.0, 5274.0, 5468.0, 5363.0, 5464.0, 5425.0, 5661.0, 5437.0, 5296.0, 5313.0, 5309.0, 5572.0, 5337.0, 5579.0, 5673.0, 5416.0, 5414.0, 5717.0, 5263.0, 5675.0, 5251.0, 5471.0, 5629.0, 5700.0, 5406.0, 5430.0, 5678.0, 5712.0, 5664.0, 5649.0, 5481.0, 5474.0, 5607.0, 5317.0, 5271.0, 5707.0, 5540.0, 5319.0, 5665.0, 5389.0, 5623.0, 5365.0, 5264.0, 5371.0, 5432.0, 5355.0, 5487.0, 5373.0, 5254.0, 5359.0, 5659.0, 5556.0, 5362.0, 5427.0, 5563.0, 5532.0, 5588.0, 5684.0, 5637.0, 5639.0, 5388.0, 5426.0, 5679.0, 5255.0, 5382.0, 5462.0, 5616.0, 5357.0, 5459.0, 5457.0, 5332.0, 5378.0, 5620.0, 5545.0, 5602.0, 5454.0, 5299.0, 5680.0, 5580.0, 5573.0, 5336.0, 5473.0, 5372.0, 5655.0, 5693.0 (number of hits: 16 )
14	5610	9	1	333	1	5414.0, 5462.0, 5630.0, 5540.0, 5565.0, 5319.0, 5519.0, 5419.0, 5679.0, 5388.0, 5596.0, 5551.0, 5702.0, 5534.0, 5695.0, 5294.0, 5417.0, 5490.0, 5611.0, 5503.0, 5717.0, 5658.0, 5250.0, 5293.0, 5633.0, 5326.0, 5527.0, 5262.0, 5660.0, 5327.0, 5563.0, 5570.0, 5704.0, 5412.0, 5715.0, 5322.0, 5292.0, 5636.0, 5374.0, 5452.0, 5631.0, 5403.0, 5372.0, 5676.0, 5528.0, 5594.0, 5316.0, 5272.0, 5289.0, 5606.0, 5477.0, 5544.0, 5718.0, 5256.0, 5521.0, 5263.0, 5443.0, 5642.0, 5719.0, 5491.0, 5260.0, 5532.0, 5509.0, 5416.0, 5531.0, 5615.0, 5614.0, 5353.0, 5479.0, 5591.0, 5698.0, 5555.0, 5475.0, 5305.0, 5426.0, 5464.0, 5692.0, 5267.0, 5391.0, 5393.0, 5332.0, 5313.0, 5674.0, 5583.0, 5371.0, 5365.0, 5608.0, 5652.0, 5682.0, 5383.0, 5379.0, 5337.0, 5308.0, 5548.0, 5638.0, 5307.0, 5665.0, 5435.0, 5574.0, 5423.0

						(number of hits: 16 )
15	5610	9	1	333	1	5656.0, 5460.0, 5475.0, 5508.0, 5568.0, 5485.0, 5633.0, 5669.0, 5606.0, 5338.0, 5597.0, 5607.0, 5315.0, 5445.0, 5509.0, 5321.0, 5365.0, 5647.0, 5451.0, 5577.0, 5435.0, 5284.0, 5264.0, 5605.0, 5466.0, 5593.0, 5520.0, 5709.0, 5612.0, 5655.0, 5303.0, 5349.0, 5389.0, 5585.0, 5694.0, 5392.0, 5604.0, 5636.0, 5613.0, 5390.0, 5399.0, 5621.0, 5666.0, 5283.0, 5602.0, 5361.0, 5277.0, 5423.0, 5690.0, 5632.0, 5256.0, 5267.0, 5626.0, 5531.0, 5258.0, 5583.0, 5450.0, 5489.0, 5382.0, 5305.0, 5309.0, 5356.0, 5337.0, 5285.0, 5391.0, 5717.0, 5723.0, 5504.0, 5363.0, 5288.0, 5331.0, 5684.0, 5533.0, 5570.0, 5376.0, 5502.0, 5703.0, 5419.0, 5645.0, 5492.0, 5673.0, 5398.0, 5348.0, 5701.0, 5407.0, 5657.0, 5291.0, 5447.0, 5432.0, 5411.0, 5600.0, 5269.0, 5296.0, 5678.0, 5261.0, 5519.0, 5401.0, 5719.0, 5498.0, 5488.0 (number of hits: 20 )
16	5610	9	1	333	1	5348.0, 5529.0, 5520.0, 5445.0, 5488.0, 5352.0, 5334.0, 5646.0, 5277.0, 5495.0, 5332.0, 5420.0, 5290.0, 5627.0, 5376.0, 5454.0, 5366.0, 5655.0, 5353.0, 5694.0, 5307.0, 5718.0, 5493.0, 5540.0, 5513.0, 5260.0, 5289.0, 5411.0, 5489.0, 5272.0, 5662.0, 5658.0, 5698.0, 5498.0, 5492.0, 5462.0, 5340.0, 5377.0, 5536.0, 5483.0, 5288.0, 5523.0, 5610.0, 5654.0, 5323.0, 5312.0, 5575.0, 5608.0, 5378.0, 5436.0, 5425.0, 5573.0, 5670.0, 5574.0, 5494.0, 5422.0, 5591.0, 5404.0, 5538.0, 5265.0, 5398.0, 5447.0, 5521.0, 5361.0, 5692.0, 5542.0, 5709.0, 5628.0, 5516.0, 5350.0, 5266.0, 5659.0, 5284.0, 5338.0, 5619.0, 5472.0, 5484.0, 5665.0, 5440.0, 5686.0, 5491.0, 5415.0, 5327.0, 5601.0, 5702.0, 5713.0, 5380.0, 5300.0, 5324.0, 5553.0, 5482.0, 5384.0, 5388.0, 5429.0, 5264.0, 5593.0, 5449.0, 5419.0, 5522.0, 5581.0 (number of hits: 13 )
17	5610	9	1	333	1	5323.0, 5359.0, 5431.0, 5350.0, 5687.0, 5583.0, 5488.0, 5641.0, 5328.0, 5404.0, 5493.0, 5366.0, 5360.0, 5539.0, 5383.0, 5697.0, 5668.0, 5339.0, 5708.0, 5551.0, 5335.0, 5548.0, 5329.0, 5645.0, 5635.0, 5623.0, 5325.0, 5258.0, 5659.0, 5683.0, 5341.0, 5288.0, 5470.0, 5262.0, 5607.0, 5305.0, 5324.0, 5679.0, 5429.0, 5531.0, 5367.0, 5702.0, 5439.0, 5432.0, 5575.0, 5611.0, 5689.0, 5397.0, 5364.0, 5362.0, 5696.0, 5378.0, 5265.0, 5433.0, 5395.0, 5663.0, 5296.0, 5253.0, 5506.0, 5263.0, 5386.0, 5407.0, 5558.0, 5530.0, 5346.0, 5482.0, 5269.0, 5313.0, 5270.0, 5357.0, 5593.0, 5572.0, 5622.0, 5309.0, 5455.0, 5356.0, 5621.0, 5504.0, 5485.0, 5625.0, 5471.0, 5525.0, 5631.0, 5582.0, 5394.0

						5617.0, 5257.0, 5252.0, 5282.0, 5569.0, 5634.0, 5598.0, 5340.0, 5553.0, 5299.0, 5714.0, 5649.0, 5327.0, 5682.0, 5264.0 (number of hits: 18 )
18	5610	9	1	333	1	5486.0, 5544.0, 5690.0, 5441.0, 5256.0, 5668.0, 5586.0, 5392.0, 5569.0, 5562.0, 5597.0, 5707.0, 5679.0, 5454.0, 5401.0, 5611.0, 5647.0, 5449.0, 5557.0, 5408.0, 5517.0, 5530.0, 5371.0, 5564.0, 5684.0, 5663.0, 5416.0, 5687.0, 5262.0, 5537.0, 5558.0, 5629.0, 5395.0, 5553.0, 5681.0, 5576.0, 5487.0, 5402.0, 5274.0, 5594.0, 5382.0, 5324.0, 5358.0, 5350.0, 5266.0, 5347.0, 5422.0, 5335.0, 5442.0, 5573.0, 5525.0, 5470.0, 5702.0, 5492.0, 5357.0, 5418.0, 5547.0, 5398.0, 5394.0, 5435.0, 5635.0, 5325.0, 5686.0, 5512.0, 5314.0, 5437.0, 5438.0, 5522.0, 5328.0, 5528.0, 5271.0, 5655.0, 5518.0, 5305.0, 5709.0, 5380.0, 5488.0, 5334.0, 5302.0, 5407.0, 5541.0, 5292.0, 5559.0, 5604.0, 5661.0, 5322.0, 5480.0, 5289.0, 5369.0, 5406.0, 5601.0, 5506.0, 5283.0, 5534.0, 5282.0, 5440.0, 5379.0, 5617.0, 5400.0, 5685.0 (number of hits: 12 )
19	5610	9	1	333	1	5342.0, 5304.0, 5309.0, 5510.0, 5721.0, 5257.0, 5361.0, 5449.0, 5345.0, 5297.0, 5298.0, 5632.0, 5600.0, 5659.0, 5494.0, 5380.0, 5468.0, 5288.0, 5589.0, 5414.0, 5305.0, 5711.0, 5284.0, 5617.0, 5452.0, 5619.0, 5521.0, 5499.0, 5471.0, 5532.0, 5534.0, 5555.0, 5562.0, 5267.0, 5261.0, 5717.0, 5364.0, 5646.0, 5652.0, 5614.0, 5370.0, 5649.0, 5262.0, 5443.0, 5354.0, 5638.0, 5279.0, 5551.0, 5665.0, 5429.0, 5325.0, 5687.0, 5406.0, 5312.0, 5450.0, 5684.0, 5431.0, 5347.0, 5641.0, 5561.0, 5686.0, 5673.0, 5301.0, 5552.0, 5266.0, 5447.0, 5608.0, 5716.0, 5681.0, 5559.0, 5306.0, 5688.0, 5417.0, 5426.0, 5591.0, 5713.0, 5395.0, 5700.0, 5536.0, 5277.0, 5693.0, 5639.0, 5502.0, 5479.0, 5343.0, 5524.0, 5493.0, 5466.0, 5629.0, 5597.0, 5403.0, 5543.0, 5712.0, 5357.0, 5351.0, 5252.0, 5706.0, 5558.0, 5544.0, 5692.0 (number of hits: 14 )
20	5610	9	1	333	1	5619.0, 5603.0, 5540.0, 5695.0, 5556.0, 5397.0, 5327.0, 5271.0, 5653.0, 5626.0, 5457.0, 5699.0, 5553.0, 5328.0, 5377.0, 5557.0, 5369.0, 5317.0, 5311.0, 5262.0, 5408.0, 5704.0, 5305.0, 5638.0, 5477.0, 5715.0, 5415.0, 5425.0, 5647.0, 5687.0, 5563.0, 5307.0, 5669.0, 5285.0, 5441.0, 5273.0, 5709.0, 5449.0, 5253.0, 5338.0, 5701.0, 5353.0, 5667.0, 5600.0, 5335.0, 5416.0, 5487.0, 5385.0, 5298.0, 5683.0, 5483.0, 5607.0, 5269.0, 5256.0, 5536.0, 5550.0, 5367.0, 5261.0, 5644.0, 5541.0, 5702.0, 5490.0, 5610.0, 5360.0, 5309.0, 5308.0, 5410.0, 5521.0, 5686.0, 5276.0,

						5611.0, 5571.0, 5351.0, 5671.0, 5706.0, 5460.0, 5659.0, 5365.0, 5494.0, 5383.0, 5350.0, 5392.0, 5421.0, 5349.0, 5564.0, 5639.0, 5407.0, 5294.0, 5703.0, 5630.0, 5700.0, 5712.0, 5517.0, 5562.0, 5491.0, 5530.0, 5542.0, 5284.0, 5584.0, 5645.0 (number of hits: 14)
21	5610	9	1	333	1	5305.0, 5348.0, 5472.0, 5253.0, 5372.0, 5651.0, 5321.0, 5284.0, 5646.0, 5445.0, 5325.0, 5307.0, 5455.0, 5488.0, 5282.0, 5474.0, 5280.0, 5364.0, 5418.0, 5388.0, 5422.0, 5435.0, 5346.0, 5530.0, 5641.0, 5446.0, 5499.0, 5401.0, 5276.0, 5632.0, 5350.0, 5496.0, 5690.0, 5708.0, 5685.0, 5680.0, 5597.0, 5295.0, 5647.0, 5506.0, 5591.0, 5533.0, 5699.0, 5660.0, 5517.0, 5569.0, 5309.0, 5572.0, 5358.0, 5711.0, 5443.0, 5592.0, 5311.0, 5626.0, 5287.0, 5432.0, 5613.0, 5719.0, 5411.0, 5271.0, 5511.0, 5263.0, 5453.0, 5450.0, 5368.0, 5315.0, 5629.0, 5438.0, 5599.0, 5667.0, 5460.0, 5394.0, 5278.0, 5502.0, 5542.0, 5273.0, 5584.0, 5668.0, 5492.0, 5495.0, 5310.0, 5366.0, 5567.0, 5676.0, 5611.0, 5251.0, 5563.0, 5473.0, 5602.0, 5614.0, 5709.0, 5703.0, 5596.0, 5425.0, 5330.0, 5294.0, 5385.0, 5603.0, 5607.0, 5250.0 (number of hits: 19)
22	5610	9	1	333	1	5331.0, 5589.0, 5348.0, 5256.0, 5620.0, 5285.0, 5294.0, 5662.0, 5594.0, 5275.0, 5395.0, 5344.0, 5644.0, 5452.0, 5500.0, 5666.0, 5440.0, 5510.0, 5554.0, 5642.0, 5274.0, 5680.0, 5372.0, 5545.0, 5357.0, 5335.0, 5528.0, 5313.0, 5424.0, 5409.0, 5717.0, 5459.0, 5709.0, 5682.0, 5426.0, 5365.0, 5364.0, 5551.0, 5328.0, 5295.0, 5362.0, 5301.0, 5521.0, 5264.0, 5281.0, 5258.0, 5553.0, 5517.0, 5393.0, 5672.0, 5713.0, 5317.0, 5333.0, 5287.0, 5273.0, 5535.0, 5648.0, 5694.0, 5389.0, 5296.0, 5436.0, 5421.0, 5687.0, 5586.0, 5605.0, 5600.0, 5386.0, 5721.0, 5643.0, 5587.0, 5665.0, 5319.0, 5578.0, 5660.0, 5539.0, 5622.0, 5442.0, 5562.0, 5485.0, 5566.0, 5529.0, 5712.0, 5646.0, 5637.0, 5488.0, 5608.0, 5349.0, 5549.0, 5369.0, 5321.0, 5570.0, 5668.0, 5312.0, 5498.0, 5596.0, 5407.0, 5330.0, 5420.0, 5514.0, 5354.0 (number of hits: 16)
23	5610	9	1	333	1	5590.0, 5348.0, 5429.0, 5376.0, 5711.0, 5313.0, 5592.0, 5683.0, 5703.0, 5607.0, 5448.0, 5288.0, 5294.0, 5694.0, 5663.0, 5653.0, 5622.0, 5439.0, 5431.0, 5292.0, 5570.0, 5336.0, 5523.0, 5368.0, 5561.0, 5275.0, 5318.0, 5667.0, 5319.0, 5636.0, 5416.0, 5720.0, 5266.0, 5393.0, 5354.0, 5571.0, 5548.0, 5442.0, 5357.0, 5554.0, 5631.0, 5617.0, 5536.0, 5552.0, 5574.0, 5485.0, 5708.0, 5383.0, 5701.0, 5642.0, 5428.0, 5632.0, 5591.0, 5664.0, 5476.0,

						5371.0, 5529.0, 5640.0, 5684.0, 5325.0, 5511.0, 5473.0, 5491.0, 5329.0, 5478.0, 5645.0, 5644.0, 5581.0, 5695.0, 5277.0, 5575.0, 5471.0, 5675.0, 5303.0, 5578.0, 5559.0, 5268.0, 5489.0, 5531.0, 5721.0, 5564.0, 5722.0, 5540.0, 5460.0, 5544.0, 5697.0, 5364.0, 5436.0, 5681.0, 5330.0, 5379.0, 5347.0, 5596.0, 5519.0, 5334.0, 5470.0, 5656.0, 5486.0, 5297.0, 5452.0 (number of hits: 18 )
24	5610	9	1	333	1	5387.0, 5422.0, 5458.0, 5567.0, 5483.0, 5335.0, 5723.0, 5574.0, 5471.0, 5687.0, 5563.0, 5426.0, 5451.0, 5411.0, 5435.0, 5626.0, 5434.0, 5439.0, 5258.0, 5315.0, 5286.0, 5700.0, 5378.0, 5396.0, 5617.0, 5510.0, 5648.0, 5525.0, 5677.0, 5440.0, 5250.0, 5406.0, 5594.0, 5548.0, 5643.0, 5402.0, 5303.0, 5323.0, 5340.0, 5462.0, 5642.0, 5428.0, 5345.0, 5293.0, 5666.0, 5261.0, 5503.0, 5310.0, 5615.0, 5495.0, 5427.0, 5504.0, 5519.0, 5437.0, 5453.0, 5603.0, 5568.0, 5693.0, 5589.0, 5698.0, 5328.0, 5350.0, 5492.0, 5404.0, 5538.0, 5566.0, 5467.0, 5287.0, 5679.0, 5638.0, 5657.0, 5541.0, 5449.0, 5336.0, 5600.0, 5361.0, 5362.0, 5587.0, 5663.0, 5329.0, 5297.0, 5456.0, 5595.0, 5582.0, 5259.0, 5296.0, 5429.0, 5562.0, 5351.0, 5613.0, 5592.0, 5271.0, 5461.0, 5496.0, 5418.0, 5678.0, 5465.0, 5408.0, 5377.0, 5385.0 (number of hits: 16 )
25	5610	9	1	333	1	5565.0, 5625.0, 5523.0, 5352.0, 5554.0, 5544.0, 5540.0, 5346.0, 5555.0, 5354.0, 5289.0, 5344.0, 5638.0, 5716.0, 5639.0, 5381.0, 5420.0, 5295.0, 5567.0, 5304.0, 5379.0, 5327.0, 5275.0, 5593.0, 5281.0, 5640.0, 5313.0, 5559.0, 5571.0, 5265.0, 5667.0, 5382.0, 5507.0, 5521.0, 5636.0, 5471.0, 5487.0, 5305.0, 5318.0, 5385.0, 5470.0, 5479.0, 5432.0, 5375.0, 5443.0, 5616.0, 5271.0, 5469.0, 5254.0, 5668.0, 5492.0, 5661.0, 5691.0, 5407.0, 5696.0, 5394.0, 5670.0, 5693.0, 5634.0, 5274.0, 5561.0, 5466.0, 5588.0, 5702.0, 5270.0, 5445.0, 5704.0, 5437.0, 5513.0, 5609.0, 5264.0, 5292.0, 5712.0, 5446.0, 5529.0, 5336.0, 5364.0, 5273.0, 5669.0, 5484.0, 5277.0, 5451.0, 5718.0, 5403.0, 5481.0, 5677.0, 5658.0, 5377.0, 5560.0, 5631.0, 5614.0, 5597.0, 5334.0, 5328.0, 5572.0, 5252.0, 5353.0, 5473.0, 5645.0, 5303.0 (number of hits: 15 )
26	5610	9	1	333	1	5480.0, 5336.0, 5308.0, 5257.0, 5416.0, 5406.0, 5469.0, 5529.0, 5269.0, 5712.0, 5661.0, 5577.0, 5324.0, 5526.0, 5681.0, 5341.0, 5648.0, 5520.0, 5634.0, 5534.0, 5652.0, 5385.0, 5700.0, 5445.0, 5447.0, 5292.0, 5598.0, 5570.0, 5515.0, 5274.0, 5369.0, 5450.0, 5663.0, 5561.0, 5412.0, 5392.0, 5473.0, 5284.0, 5646.0, 5305.0,



						5622.0, 5340.0, 5509.0, 5715.0, 5686.0, 5536.0, 5676.0, 5670.0, 5331.0, 5569.0, 5688.0, 5260.0, 5724.0, 5488.0, 5356.0, 5689.0, 5531.0, 5333.0, 5546.0, 5701.0, 5399.0, 5627.0, 5441.0, 5425.0, 5600.0, 5489.0, 5565.0, 5698.0, 5262.0, 5474.0, 5533.0, 5409.0, 5608.0, 5334.0, 5379.0, 5620.0, 5562.0, 5714.0, 5538.0, 5316.0, 5451.0, 5642.0, 5400.0, 5435.0, 5303.0, 5505.0, 5332.0, 5317.0, 5330.0, 5516.0, 5517.0, 5291.0, 5560.0, 5453.0, 5639.0, 5264.0, 5483.0, 5270.0, 5498.0, 5703.0 (number of hits: 11 )
27	5610	9	1	333	1	5262.0, 5433.0, 5627.0, 5437.0, 5254.0, 5423.0, 5722.0, 5536.0, 5488.0, 5294.0, 5485.0, 5723.0, 5588.0, 5597.0, 5617.0, 5420.0, 5602.0, 5315.0, 5578.0, 5476.0, 5508.0, 5671.0, 5594.0, 5260.0, 5268.0, 5409.0, 5375.0, 5539.0, 5305.0, 5253.0, 5581.0, 5429.0, 5555.0, 5507.0, 5385.0, 5660.0, 5365.0, 5259.0, 5579.0, 5604.0, 5451.0, 5327.0, 5493.0, 5310.0, 5257.0, 5317.0, 5628.0, 5589.0, 5329.0, 5557.0, 5582.0, 5681.0, 5626.0, 5534.0, 5607.0, 5531.0, 5344.0, 5265.0, 5612.0, 5560.0, 5424.0, 5542.0, 5666.0, 5400.0, 5552.0, 5331.0, 5679.0, 5517.0, 5693.0, 5273.0, 5580.0, 5321.0, 5700.0, 5510.0, 5333.0, 5631.0, 5717.0, 5378.0, 5522.0, 5566.0, 5388.0, 5395.0, 5688.0, 5572.0, 5506.0, 5598.0, 5324.0, 5368.0, 5662.0, 5298.0, 5467.0, 5619.0, 5302.0, 5449.0, 5682.0, 5350.0, 5711.0, 5336.0, 5546.0, 5486.0 (number of hits: 21 )
28	5610	9	1	333	1	5601.0, 5666.0, 5576.0, 5316.0, 5351.0, 5482.0, 5341.0, 5375.0, 5448.0, 5488.0, 5588.0, 5561.0, 5626.0, 5309.0, 5502.0, 5365.0, 5695.0, 5266.0, 5559.0, 5602.0, 5593.0, 5286.0, 5506.0, 5292.0, 5254.0, 5551.0, 5699.0, 5463.0, 5434.0, 5715.0, 5635.0, 5437.0, 5685.0, 5532.0, 5355.0, 5538.0, 5325.0, 5414.0, 5611.0, 5539.0, 5478.0, 5323.0, 5660.0, 5415.0, 5476.0, 5572.0, 5394.0, 5653.0, 5345.0, 5542.0, 5337.0, 5479.0, 5526.0, 5637.0, 5297.0, 5419.0, 5662.0, 5430.0, 5357.0, 5564.0, 5431.0, 5583.0, 5258.0, 5273.0, 5377.0, 5531.0, 5461.0, 5553.0, 5376.0, 5600.0, 5481.0, 5515.0, 5474.0, 5467.0, 5719.0, 5608.0, 5269.0, 5255.0, 5682.0, 5256.0, 5555.0, 5605.0, 5270.0, 5257.0, 5387.0, 5664.0, 5571.0, 5723.0, 5392.0, 5718.0, 5589.0, 5493.0, 5633.0, 5545.0, 5385.0, 5353.0, 5680.0, 5446.0, 5410.0, 5486.0 (number of hits: 16 )
29	5610	9	1	333	1	5542.0, 5318.0, 5370.0, 5471.0, 5558.0, 5358.0, 5493.0, 5626.0, 5721.0, 5325.0, 5352.0, 5557.0, 5669.0, 5321.0, 5302.0, 5503.0, 5364.0, 5601.0, 5307.0, 5283.0, 5344.0, 5577.0, 5612.0, 5323.0, 5686.0,

						5257.0, 5333.0, 5641.0, 5267.0, 5456.0, 5540.0, 5301.0, 5667.0, 5251.0, 5723.0, 5672.0, 5362.0, 5322.0, 5639.0, 5644.0, 5390.0, 5316.0, 5538.0, 5547.0, 5674.0, 5525.0, 5607.0, 5355.0, 5416.0, 5282.0, 5563.0, 5678.0, 5297.0, 5505.0, 5327.0, 5261.0, 5265.0, 5551.0, 5664.0, 5568.0, 5574.0, 5450.0, 5570.0, 5622.0, 5359.0, 5587.0, 5640.0, 5347.0, 5537.0, 5517.0, 5313.0, 5337.0, 5442.0, 5340.0, 5274.0, 5662.0, 5566.0, 5425.0, 5707.0, 5526.0, 5331.0, 5718.0, 5381.0, 5389.0, 5519.0, 5565.0, 5646.0, 5315.0, 5697.0, 5552.0, 5379.0, 5651.0, 5388.0, 5583.0, 5436.0, 5528.0, 5531.0, 5373.0, 5682.0, 5445.0 (number of hits: 14 )
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