FCC PART 15.407
DYNAMIC FREQUENCY SELECTION
TEST AND MEASUREMENT REPORT

For

Ruckus Wireless, Inc.

350 West Java Drive,

Sunnyvale, CA 94089, USA

FCC ID: S9GR500
Model: R500

Report Type:	**Equipment Type:**
Original Report	802.11 a/b/g/n/ac Wireless Access Point

Prepared By:	Chen Ge
Report Number:	R1403241-DFS Rev A
Report Date:	2014-12-02
Reviewed By:	Ivan Cao RF Lead

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TABLE OF CONTENTS

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	R1403241-DFS	Original Report	2014-10-01
1	R1403241-DFS Rev A	Revised Report	2014-12-02

1 General Description

1.1 Product Description for Equipment under Test (EUT)

This test and measurement report was prepared on behalf of *Ruckus Wireless, Inc*., and their product model: *R500, FCC ID: S9GR500* or the "EUT" as referred to in this report. The EUT is a dual band 2x2 MIMO 802.11 a/b/g/n/ac RLAN Access Point.

1.2 Mechanical Description of EUT

The EUT measures approximately 18.1 cm (L) x 15.1 cm (W) x 8.0 cm (H) and weighs 400 g.

The test data gathered are from typical production sample, serial number: 21406000005 *assigned by Client.*

1.3 Objective

This report is prepared on behalf of *Ruckus Wireless, Inc*. in accordance with FCC CFR47 §15.407 (h), and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v01r01

The objective is to determine compliance with FCC rules for DFS Detection Threshold, Channel Availability Check Time, Uniform Spreading U-NII Detection Bandwidth, Channel Closing Transmission Time, and Channel Move time in Master Mode.

1.4 Related Submittal(s)/Grant(s)

N/A

1.5 Test Methodology

FCC CFR 47 Part2, Part15.407 (h)

KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v01r01

COMPLIANCE MEASUREMENT PROCEDURES FOR UNLICENSED-NATIONAL INFORMATION INFRASTRUCTURE DEVICES OPERATING IN THE 5250-5350 MHz AND 5470-5725 MHz BANDS INCORPORATING DYNAMIC FREQUENCY SELECTION

1.6 Test Facility

Bay Area Compliance Laboratories Corp. (BACL) is:

1- An independent Commercial Test Laboratory accredited to **ISO 17025: 2005** by **A2LA**, in the fields of: Electromagnetic Compatibility & Telecommunications covering Emissions, Immunity, Radio, RF Exposure, Safety and Telecom. This includes NEBS (Network Equipment Building System), Wireless RF, Telecommunications Terminal Equipment (TTE); Network Equipment; Information Technology Equipment (ITE); Medical Electrical Equipment; Industrial, Commercial, and Medical Test Equipment; Professional Audio and Video Equipment; Electronic (Digital) Products; Industrial and Scientific Instruments; Cabled Distribution Systems and Energy Efficiency Lighting.

2- An ENERGY STAR Recognized Laboratory, for the LM80 Testing, a wide variety of Luminaires and Computers.

3- A NIST Designated Phase-I and Phase-II CAB including: ACMA (Australian Communication and Media Authority), BSMI (Bureau of Standards, Metrology and Inspection of Taiwan), IDA (Infocomm Development Authority of Singapore), IC (Industry Canada), Korea (Ministry of Communications Radio Research Laboratory), NCC (Formerly DGT; Directorate General of Telecommunication of Chinese Taipei) OFTA (Office of the Telecommunications Authority of Hong Kong), Vietnam, VCCI - Voluntary Control Council for Interference of Japan and a designated EU CAB (Conformity Assessment Body) (Notified Body) for the EMC and R&TTE Directives.

4 - A Product Certification Body accredited to **ISO Guide 65: 1996** by **A2LA** to certify:
1- Unlicensed, Licensed radio frequency devices and Telephone Terminal Equipment for the FCC. Scope A1, A2, A3, A4, B1, B2, B3, B4 & C.
2. Radio Standards Specifications (RSS) in the Category I Equipment Standards List and All Broadcasting Technical Standards (BETS) in Category I Equipment Standards List for Industry Canada.
3. Radio Communication Equipment for Singapore.
4. Radio Equipment Specifications, GMDSS Marine Radio Equipment Specifications, and Fixed Network Equipment Specifications for Hong Kong.
5. Japan MIC Telecommunication Business Law (A1, A2) and Radio Law (B1, B2 and B3).
6. Audio/Video, Battery Charging Systems, Computers, Displays, Enterprise Servers, Imaging Equipment, Set-Top Boxes, Telephony, Televisions, Ceiling Fans, CFLs (including GU24s), Decorative Light Strings, Integral LED Lamps, Luminaires, Residential Ventilating Fans.

The test site used by BACL Corp. to collect radiated and conducted emissions measurement data is located at its facility in Sunnyvale, California, USA.

The test site at BACL Corp. has been fully described in reports submitted to the Federal Communication Commission (FCC) and Voluntary Control Council for Interference (VCCI). The details of these reports have been found to be in compliance with the requirements of Section 2.948 of the FCC Rules on February 11 and December 10, 1997, and Article 8 of the VCCI regulations on December 25, 1997. The test site also complies with the test methods and procedures set forth in CISPR 22:2008 §10.4 for measurements below 1 GHz and §10.6 for measurements above 1 GHz, as well as ANSI C63.4-2009, ANSI C63.4-2009, TIA/EIA-603 & CISPR 24: 2010.

The Federal Communications Commission and Voluntary Control Council for Interference have the reports on file and they are listed under FCC registration number: 90464 and VCCI Registration No.: A-0027. The test site has been approved by the FCC and VCCI for public use and is listed in the FCC Public Access Link (PAL) database.

Additionally, BACL Corp. is an American Association for Laboratory Accreditation (A2LA) accredited laboratory (Lab Code 3297-02). The current scope of accreditations can be found at

http://www.a2la.org/scopepdf/3297-02.pdf?CFID=1132286&CFTOKEN=e42a3240dac3f6ba-6DE17DCB-1851-9E57-477422F667031258&jsessionid=8430d44f1f47cf2996124343c704b367816b

2 EUT Test Configuration

2.1 Justification

The EUT was configured for testing according to FCC Part 15.407(H), and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v01r01

2.2 EUT Exercise Software

The test utility used version was 9.6.0 was provided by Ruckus Wireless Inc., and was verified by Chen Ge to comply with the standard requirements being tested against.

2.3 Equipment Modifications

N/A

2.4 Local Support Equipment

Manufacturer	Description	Model	Serial Number
Ruckus	DC Adaptor/POE	NPE-5818	740-64157-001
Ruckus	AC Adaptor	PA10244HUB	740-64125-010
Apple	Laptop	MacBook Pro8,2	C02GM3MKDV7N

2.5 Power Supply List and Details

Manufacturer	Description	Model	Part Number
Ruckus	Power Supply cord	PA1024-4HU	-
Ruckus	POE Power Adapter	NPE-5818	740-64157-001

2.6 EUT Internal Configuration Details

Manufacturer	Description	Model	Serial Number
Ruckus	Main Board (SANTORINI)	ASM 120-11257-001 rev. 3.1	RUK01946
Ruckus	RJ45 Port Board	ASM 120-11264-001 rev. 2.1	RUK01957
Ruckus	Ruckus Board	ASM 120-11229-002 rev. A	RUK01329
Ruckus	IZAR Board	ASM 120-11261-001 rev. 3	RUK00727
Ruckus	IZAR CROSS Board	ASM 120-11262-001 rev. 3	RUK00908

3 Summary of Test Results

The following result table represents the list of measurements required under the CFR47 §47 Part15.407 (h), and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v01r01

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

4 Applicable Standards

4.1 DFS Requirement

FCC CFR47 §15.407 (h), and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v01r01

Table 1: Applicability of DFS requirements prior to use of a channel

Requirement	Operational Mode		
	Master	Client (Without radar detection)	Client (With radar detection)
Non-Occupancy Period	Yes	Not Required	Yes
DFS Detection Threshold	Yes	Not Required	Yes
Channel Availability Check Time	Yes	Not Required	Not Required
U-NII Detection Bandwidth	Yes	Not Required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode	
	Master Device or Client with Radar Detection	Client Without Radar Detection
DFS Detection Threshold	Yes	Not Required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not Required

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

Table 3: Interference Threshold values, Master or Client incorporating In-Service Monitoring

Maximum Transmit Power	Value (See Notes 1, 2 and 3)
EIRP≥ 200 milliwatt	-64 dBm
EIRP< 200 milliwatt and power spectral density < 10dBm/MHz	-62 dBm
EIRP< 200 milliwatt that do not meet the power spectral density requirement	-64 dBm

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.
Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.
Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

Table 4: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the UNII 99% transmission power bandwidth. See Note 3.

Note 1: The instant that the *Channel Move Time* and the *Channel Closing Transmission Time* begins is as follows:
- For the Short Pulse Radar Test Signals this instant is the end of the *Burst*.
- For the Frequency Hopping radar Test Signal, this instant is the end of the last radar *Burst* generated.
- For the Long Pulse Radar Test Signal this instant is the end of the 12 second period defining the *Radar Waveform*.

Note 2: The *Channel Closing Transmission Time* is comprised of 200 milliseconds starting at the beginning of the *Channel Move Time* plus any additional intermittent control signals required to facilitate a *Channel* move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the *U-NII Detection Bandwidth* detection test, radar type 0 is used and for each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

Table 5: Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (Microseconds)	PRI (Microseconds)	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 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	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

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

Table 6: Long Pulse Radar Test Signal

Radar Type	Bursts	Chirp Width (MHz)	PRI (usec)	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

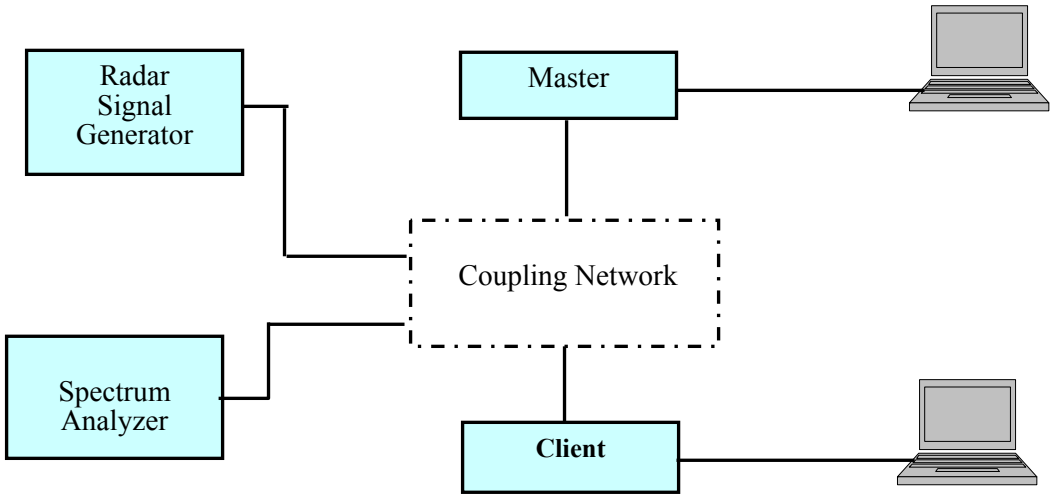
Table 7: Frequency Hopping Radar Test Signal

Radar Type	Pulse Width (usec)	PRI (usec)	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

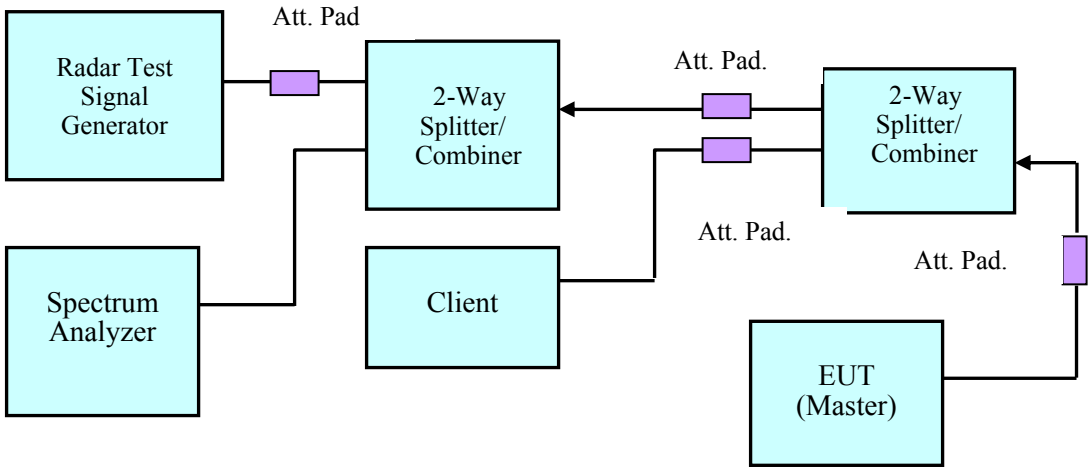
4.2 DFS Measurement System

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

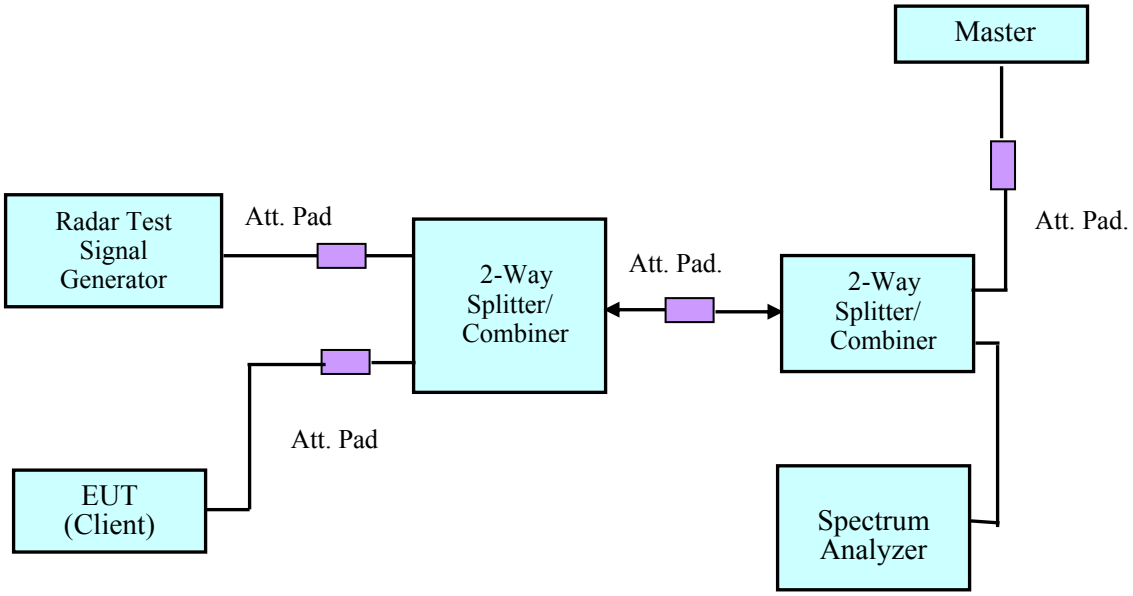
4.3 System Block Diagram



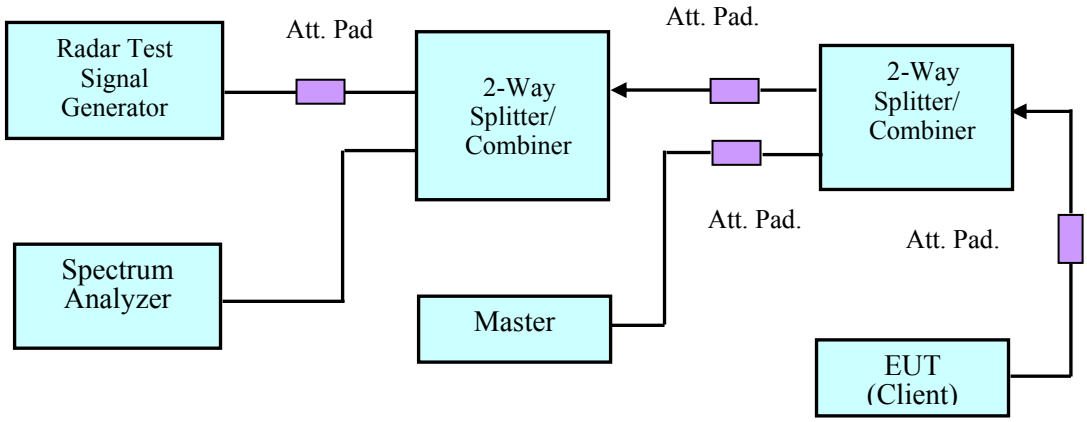
4.4 Conducted Method



Setup for Master with injection at the Master

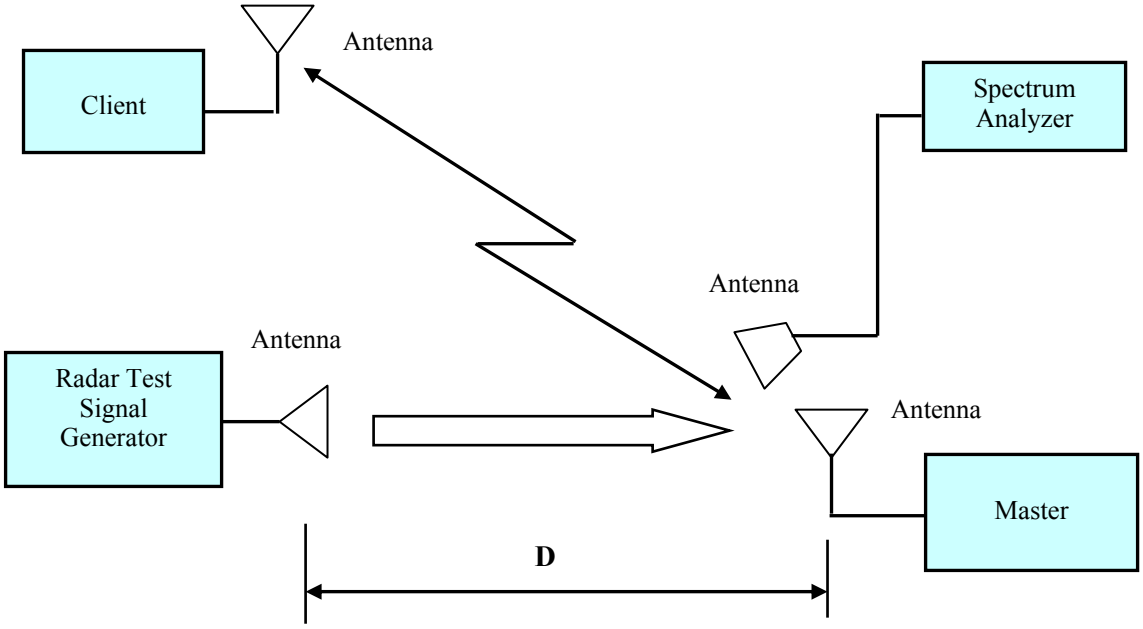


Setup for Client with injection at the Master



Setup for Client with injection at the Client

4.5 Radiated Method



4.6 Test Procedure

A spectrum analyzer is used as a monitor that verifies the EUT's status, which includes the Channel Closing Transmission Time and the Channel Move Time. The Spectrum analyzer is used to monitor the equipment under test (EUT) does not transmit on the same channel during the Non-Occupied Period after the radar detection. It is also used to monitor EUT transmissions during the Channel Availability Check Time.

5 Test Results

5.1 Description of EUT

The EUT operates in 5230-5350 MHz and 5470-5725 MHz range in Master Mode.

The highest rated e.i.r.p level is 25.82 dBm. The lowest rated e.i.r.p level is 20.4 dBm of the EUT.

The operation bandwidth of the EUT is 20 MHz, 40 MHz and 80 MHz.

The rated output power of EUT is 25.82 dBm > 23 dBm (EIRP), Therefore the required interference threshold level is -64 dBm, the required radiated threshold at antenna port is -64 dBm.

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

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.

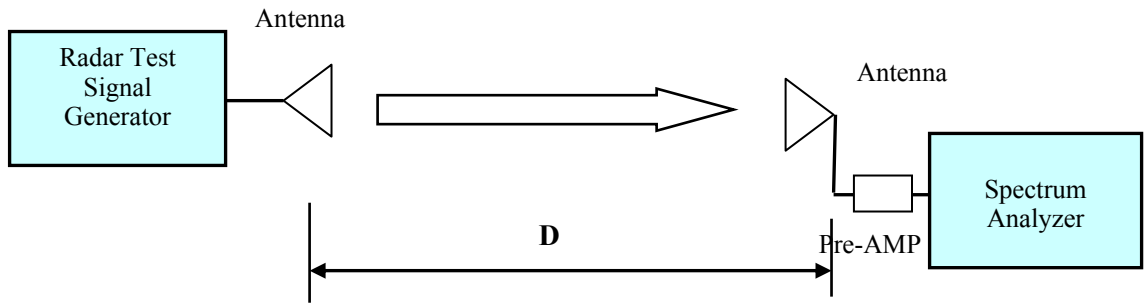
The EUT was tested with the 3.0 dBi gain antenna.

5.2 Test Equipment List and Details

Manufacturer	Equipment Description	Model	S/N	Calibration Date
National Instruments	NI PXI-1042 8-Slot chassis	PXI-1042	V08X01EE1	N/A
National Instruments	Arbitrary Waveform Generator	PXI-5421	N/A	N/A
National Instruments	RF Upconverter	PXI-5610	N/A	N/A
ASCOR	Upconverter	AS-7206	N/A	N/A
Agilent	Spectrum Analyzer	E4440A	MY44303352	2013-10-16
A.R.A.	Antenna Horn	DRG-118/A	1132	2014-01-29
EMCO	Antenna Horn	3115	9511-4627	2013-10-17
Mini-Circuits	Splitter/Combiner	2FSC-2-10G	0349	N/A
Narda	Splitter/Combiner	4326B-2	03514	N/A
Midwest	Attenuator	290-30	N/A	N/A
Mini-Circuits	Attenuator	BW-S30W2	N/A	N/A

Statement of Traceability: BACL Corp. attests that all calibrations have been performed per the A2LA requirements, traceable to the NIST.

5.3 Radar Waveform Calibration



Radiated Calibration Setup Block Diagram

5.4 Test Environmental Conditions

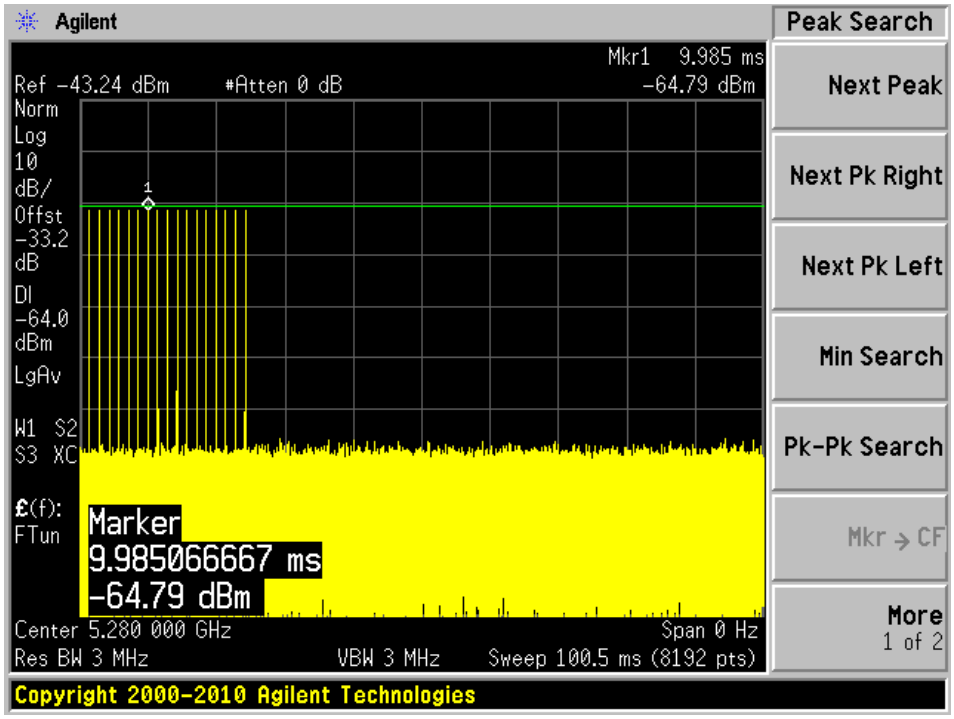
Temperature:	23 °C
Relative Humidity:	33 %
ATM Pressure:	101.65 kPa

Testing performed by Chen Ge on 2014-09-12 at DFS testing site.

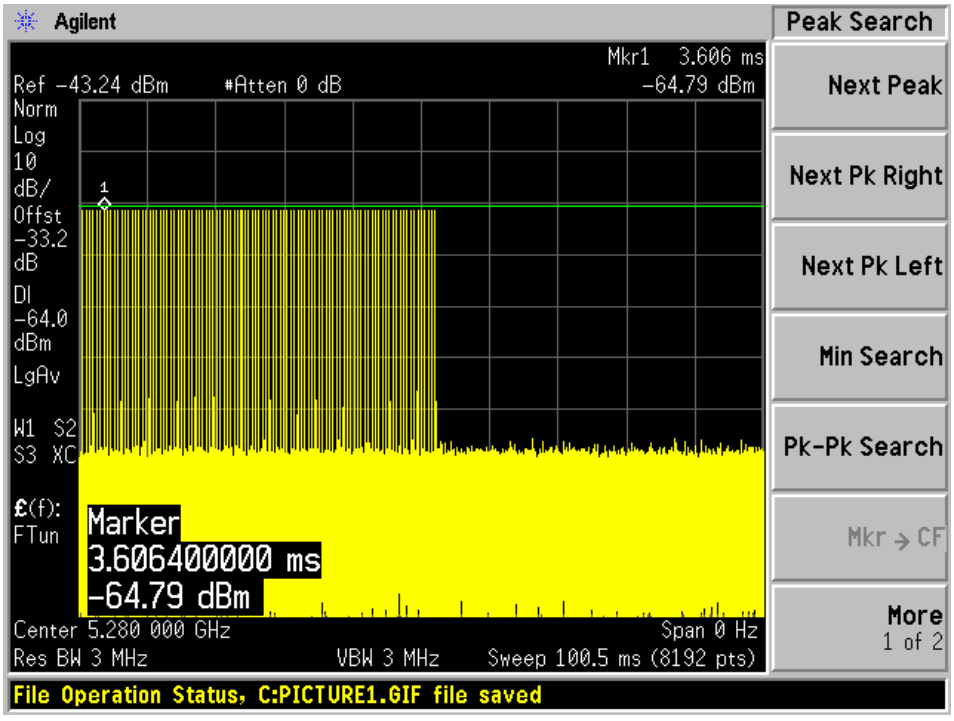
Plots of Radar Waveforms

5280 MHz

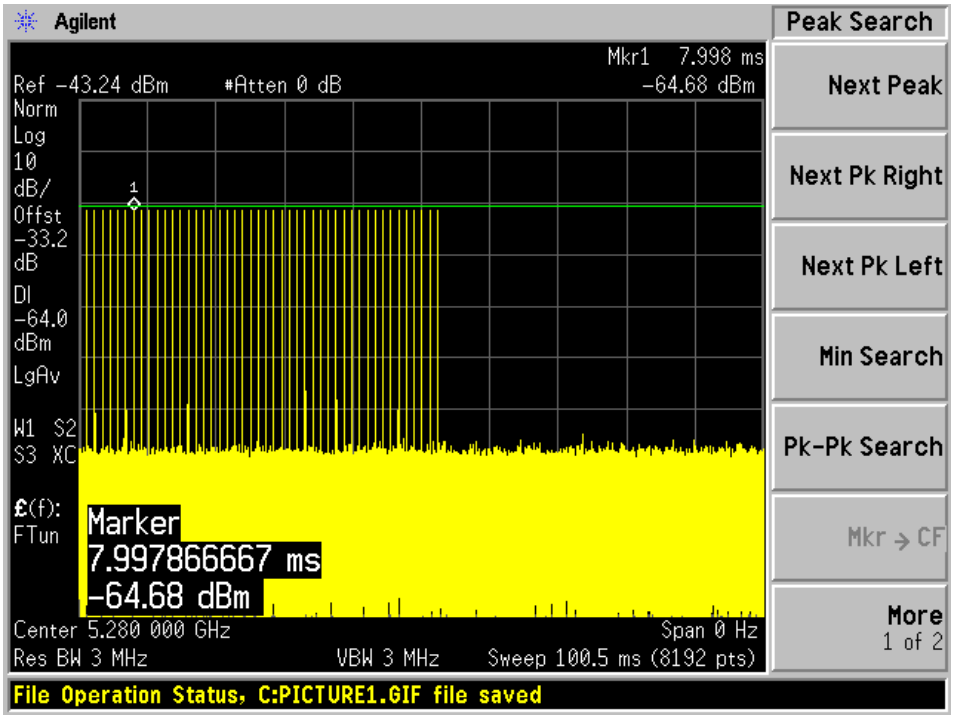
Radar Type 0



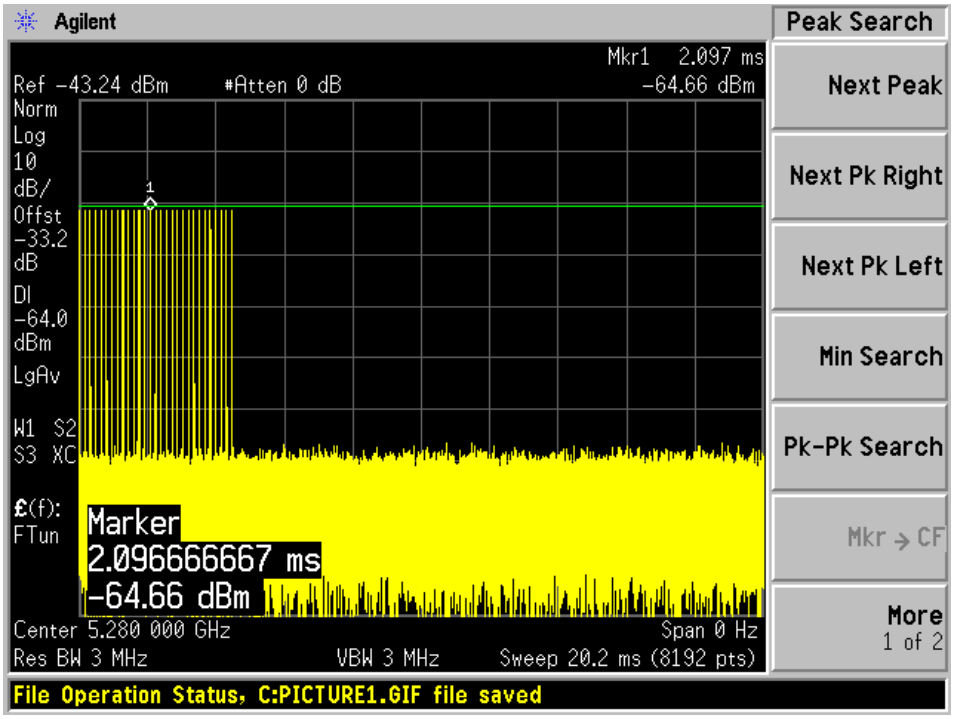
Radar Type 1A



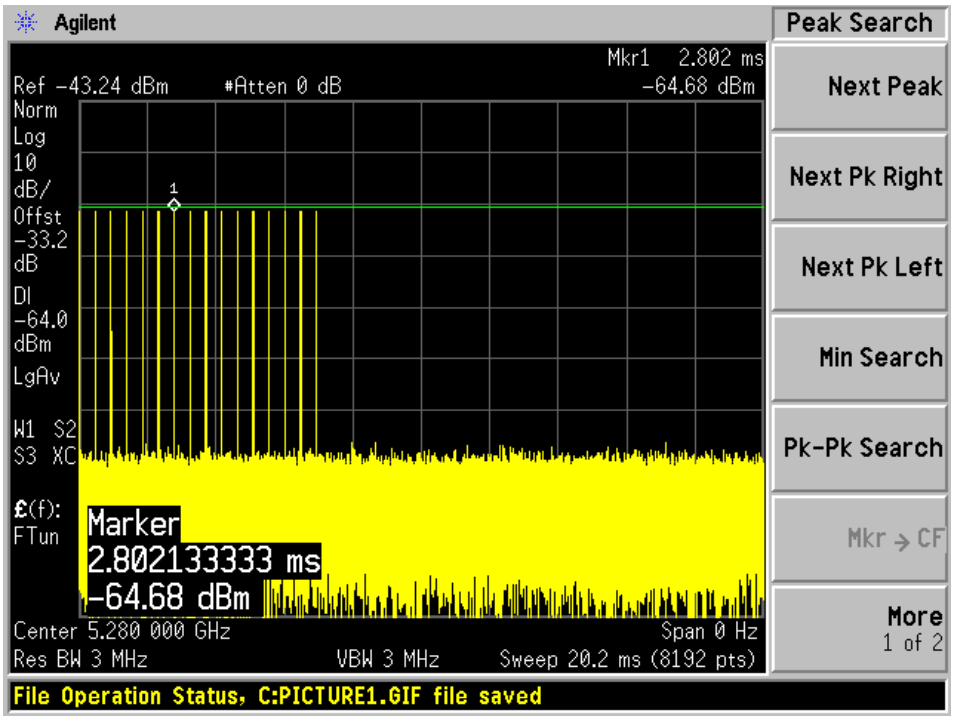
Radar Type 1B



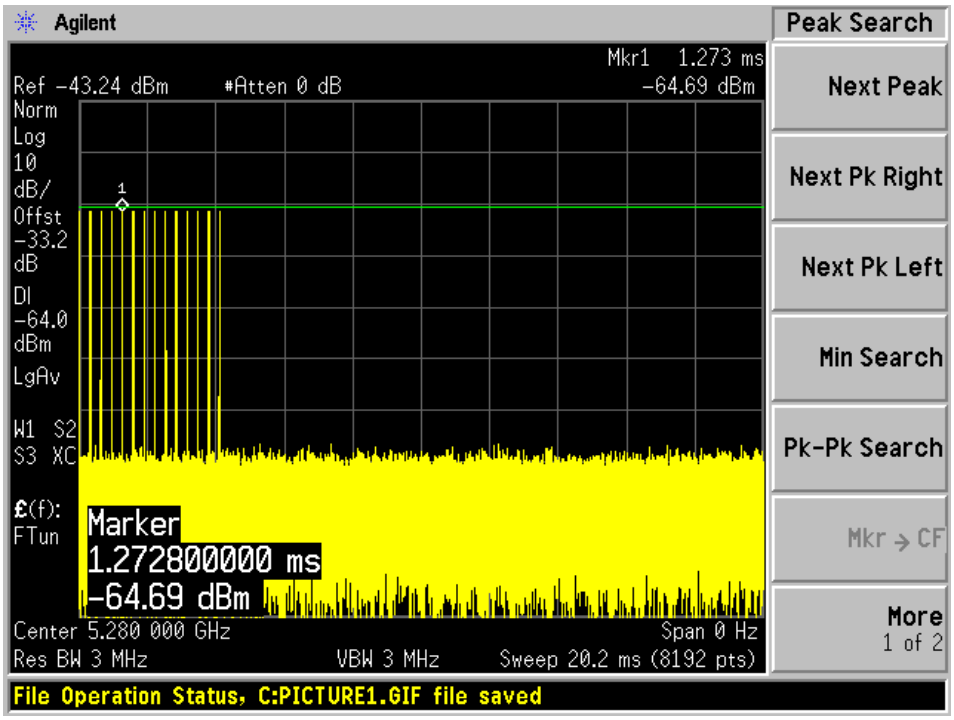
Radar Type 2



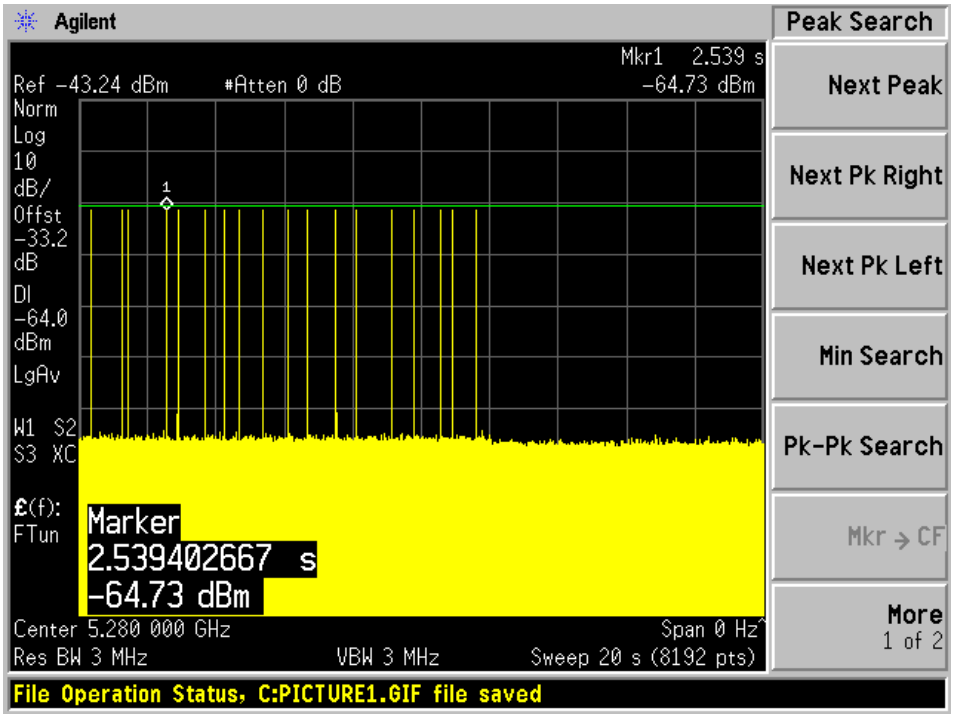
Radar Type 3



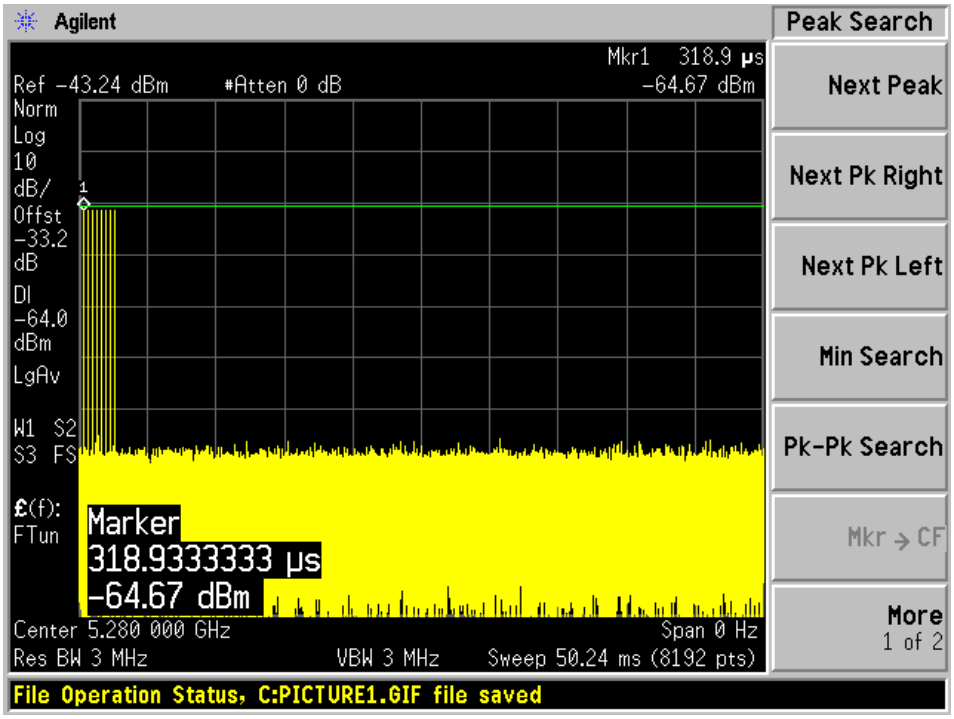
Radar Type 4



Radar Type 5

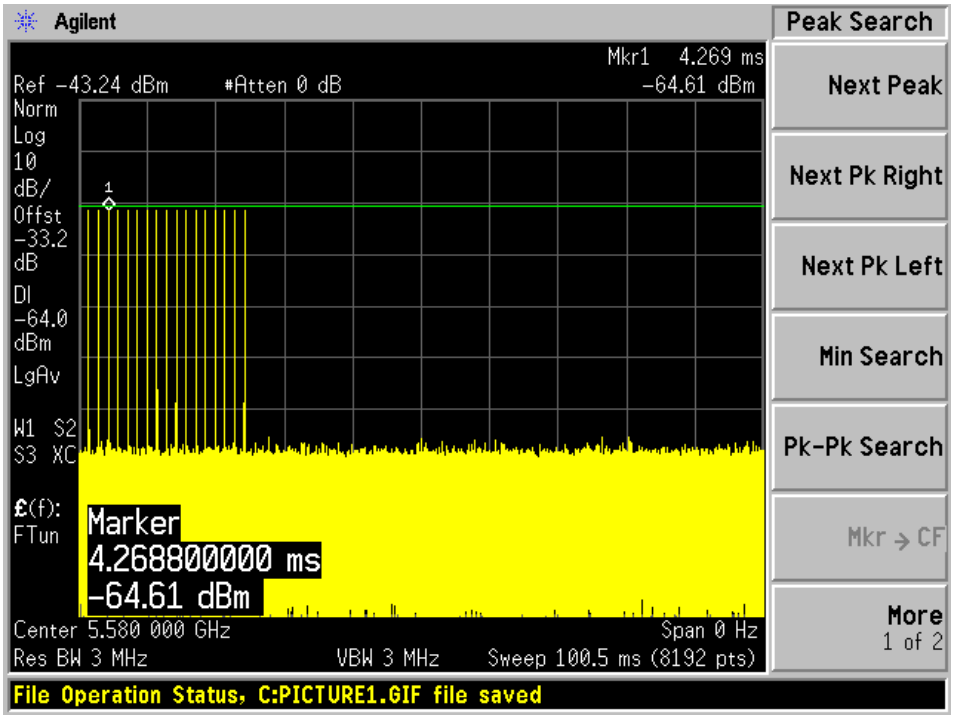


Radar Type 6

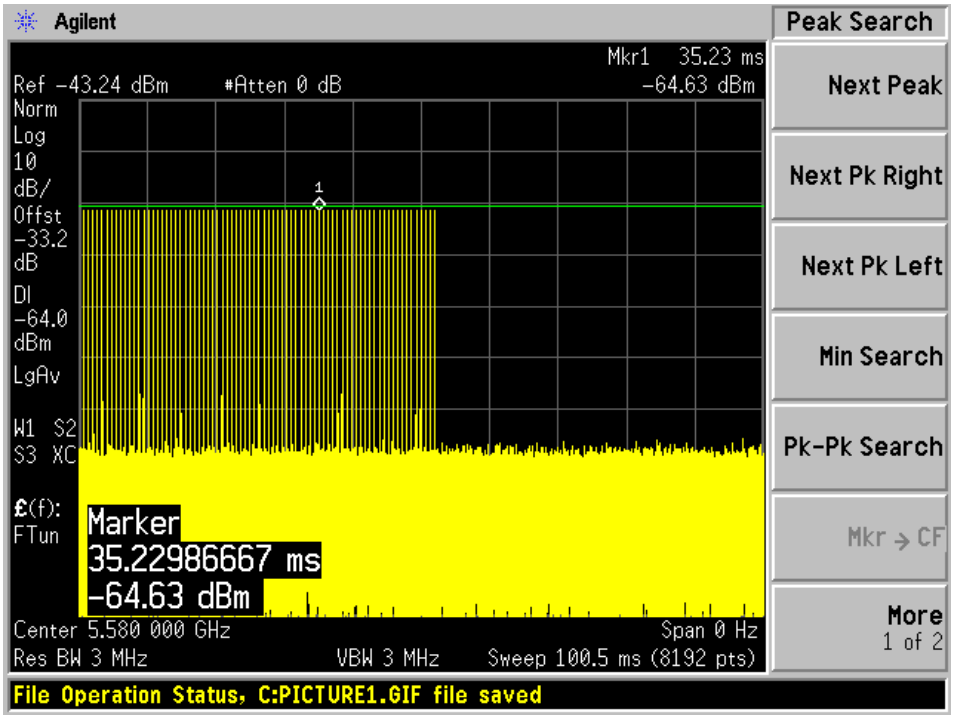


5580 MHz

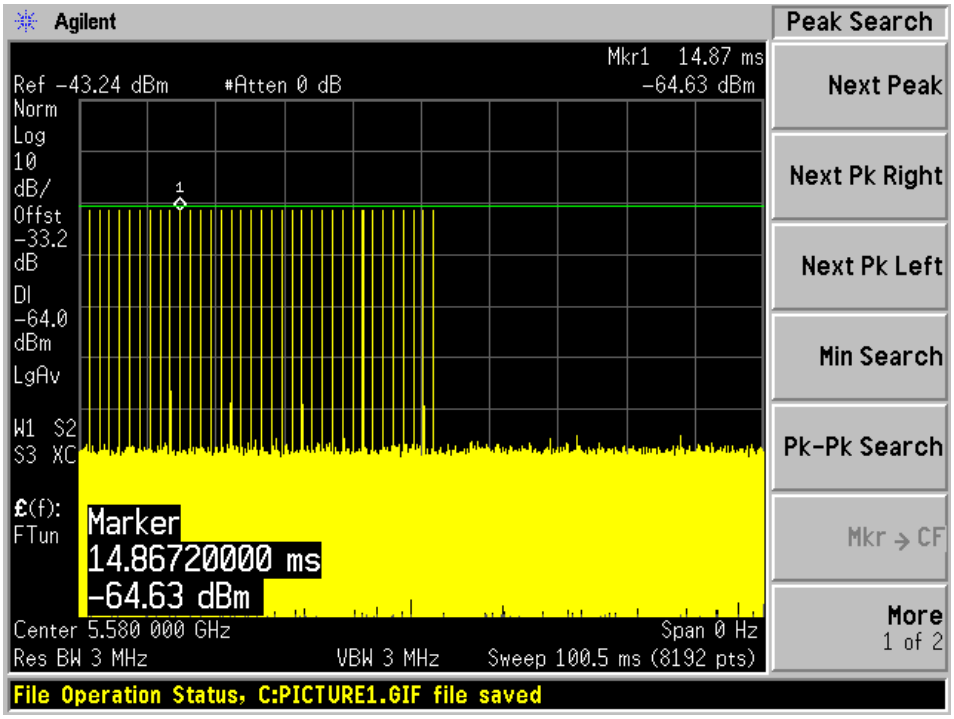
Radar Type 0



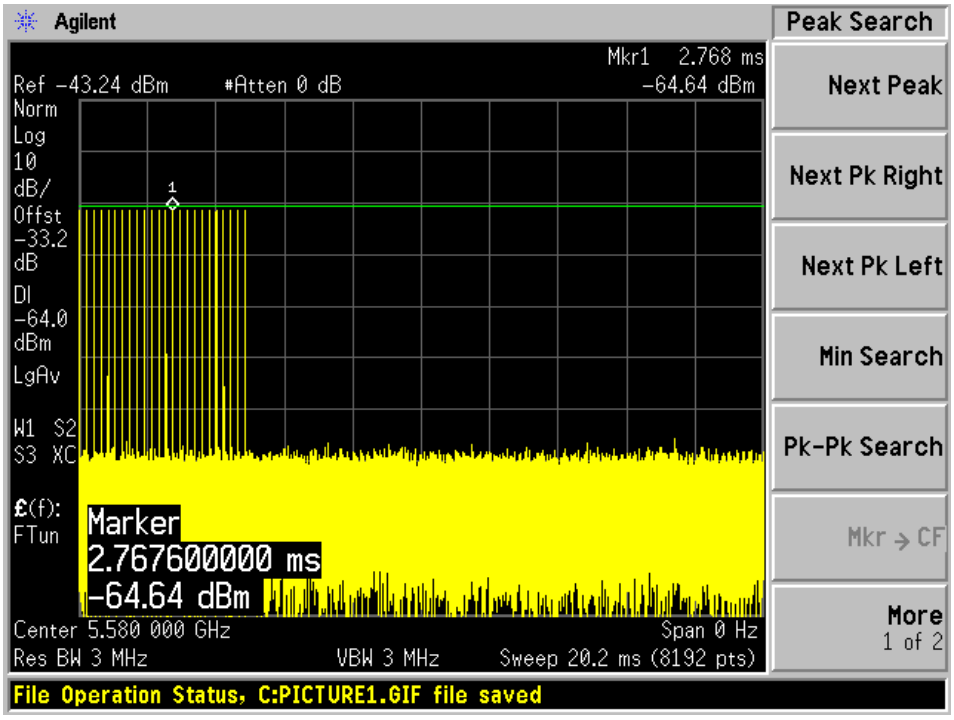
Radar Type 1A



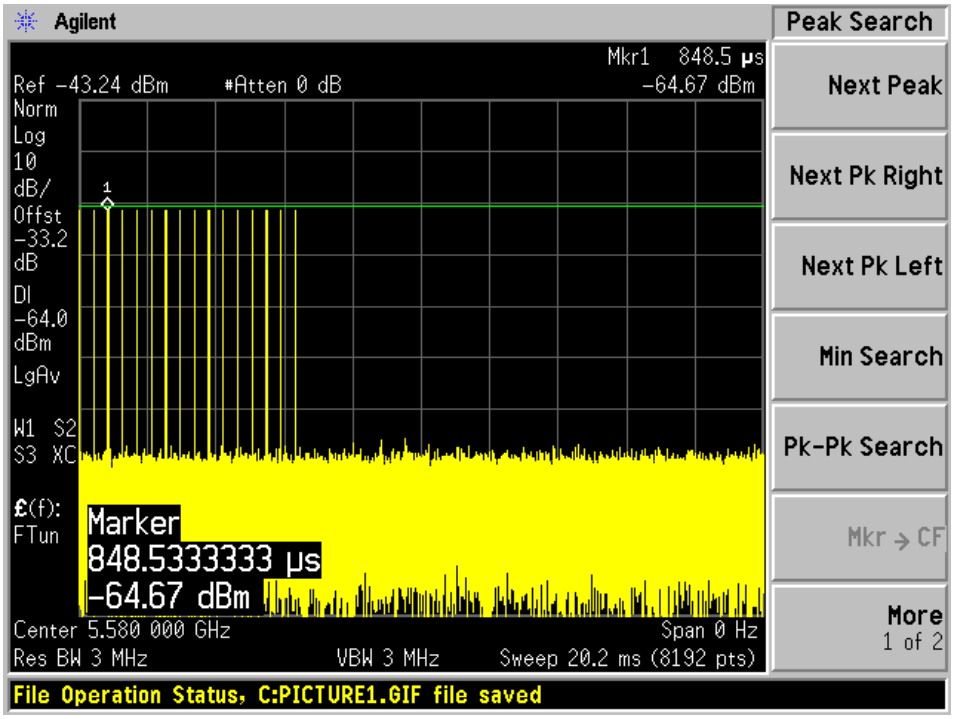
Radar Type 1B



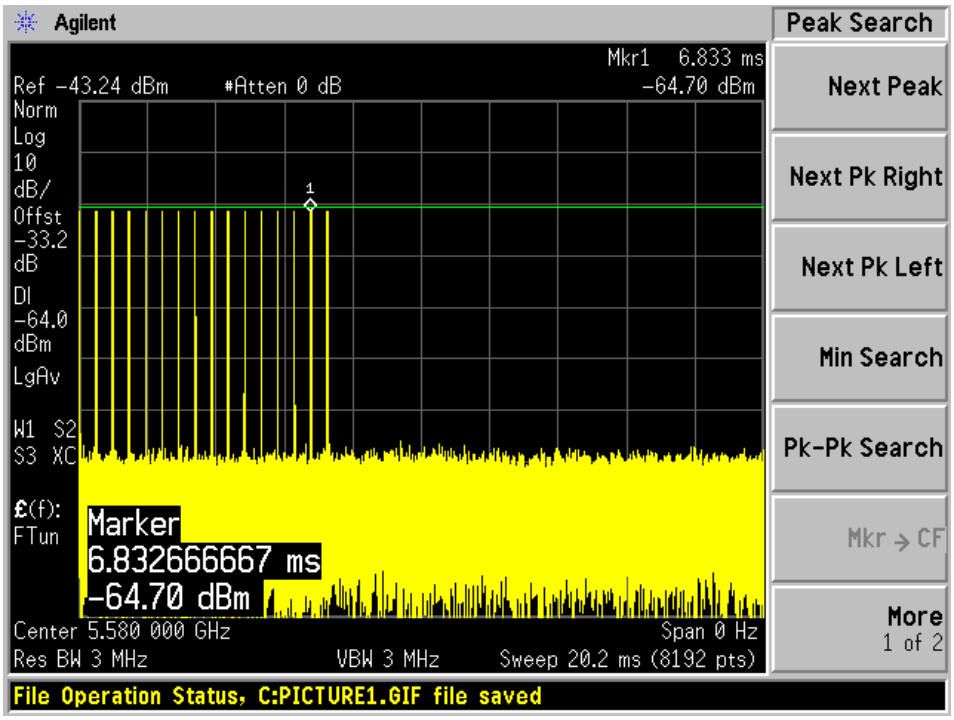
Radar Type 2



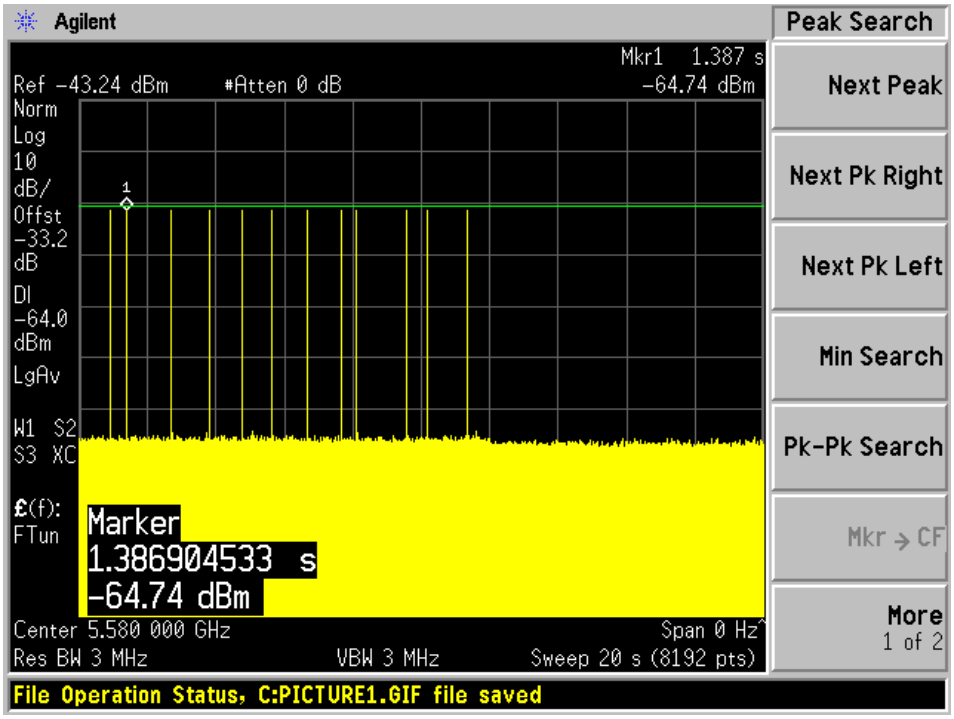
Radar Type 3



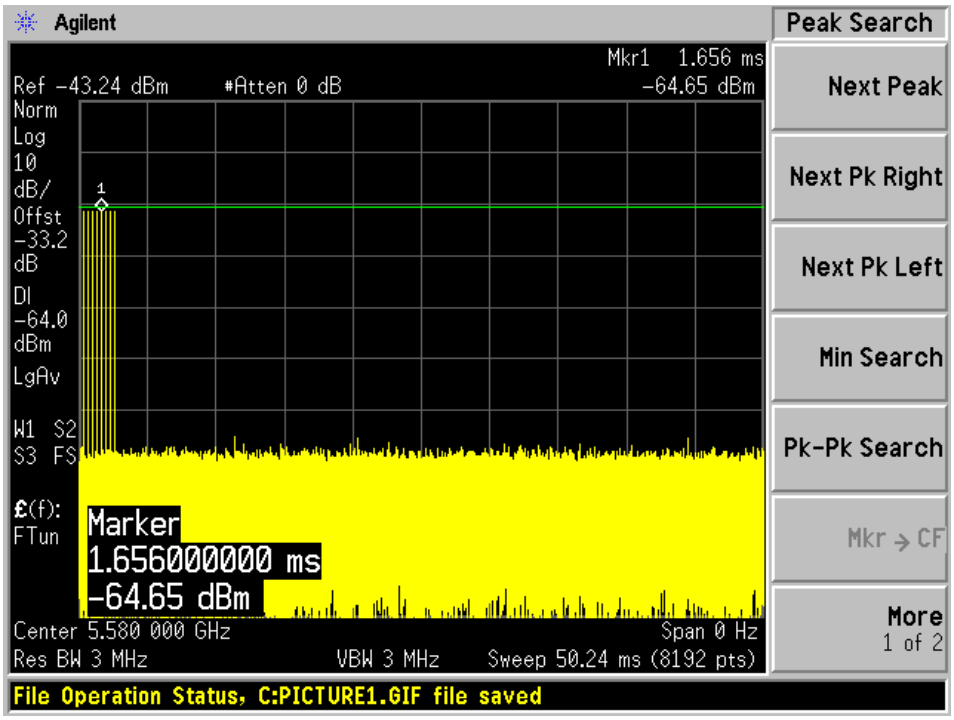
Radar Type 4



Radar Type 5



Radar Type 6



6 Channel Availability Check Time (CAC)

6.1 Test Procedure

1) Measure the initial power-up time of EUT.

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

5280 MHz and 5580 MHz Bandwidth 20 MHz

EUT initial Power-up cycle (Second)
34.8

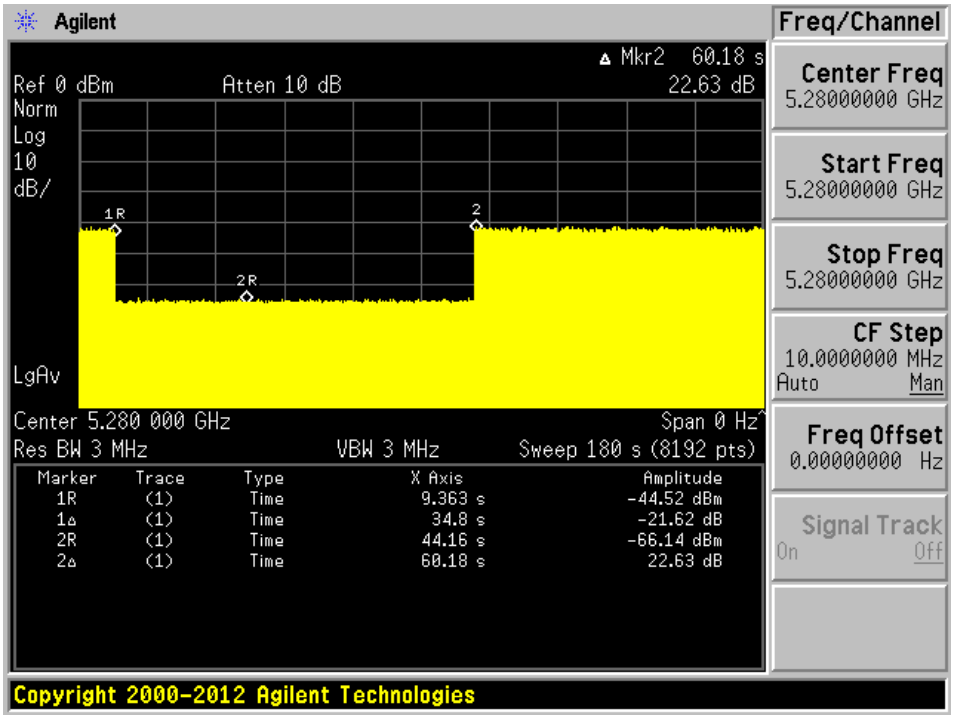
Results:

Timing of Radar Burst	Spectrum Analyzer Display
No Radar Triggered	Transmission begin after power-up cycle +60 seconds CAC
Within 2 seconds of the CAC starting	No transmission
Within the last 2 seconds of the CAC	No transmission

Please refer to the following plots.

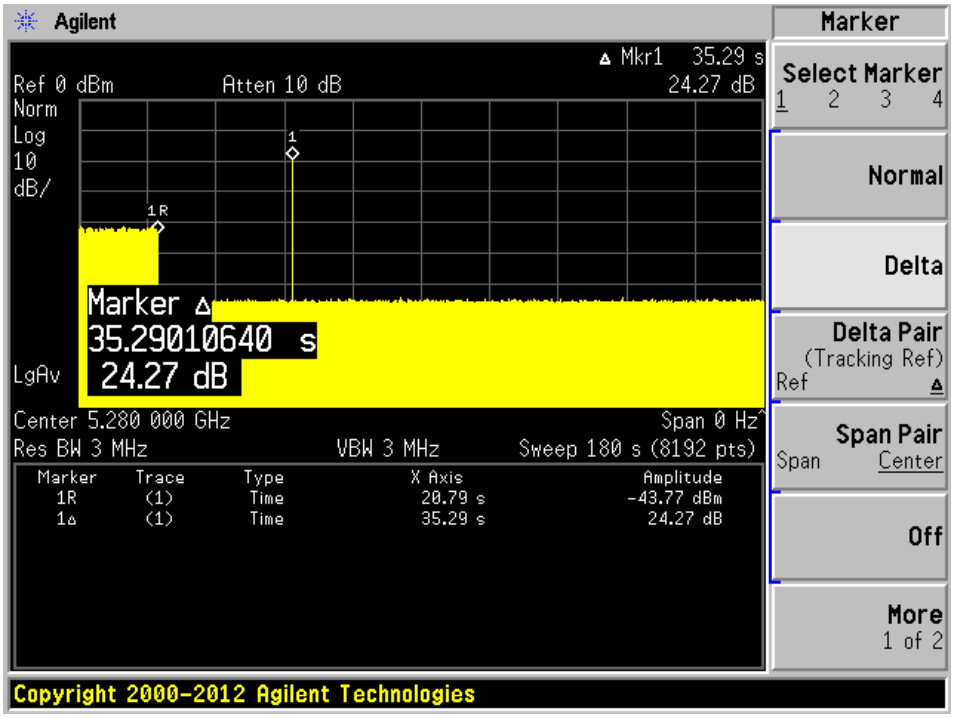
5280 MHz, Bandwidth 20 MHz

Plot of without Radar signal applied



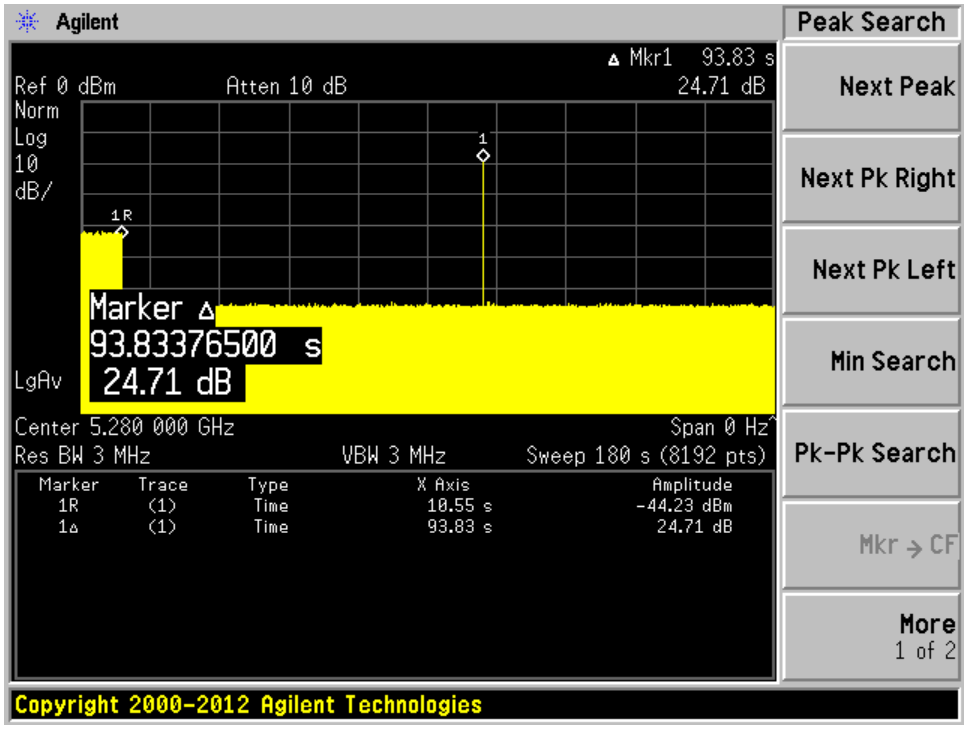
Note: The power-up cycle is 34.8 seconds.

Plot of Radar signal applied within 2 seconds of start of CAC



No transmissions found after radar signal applied.

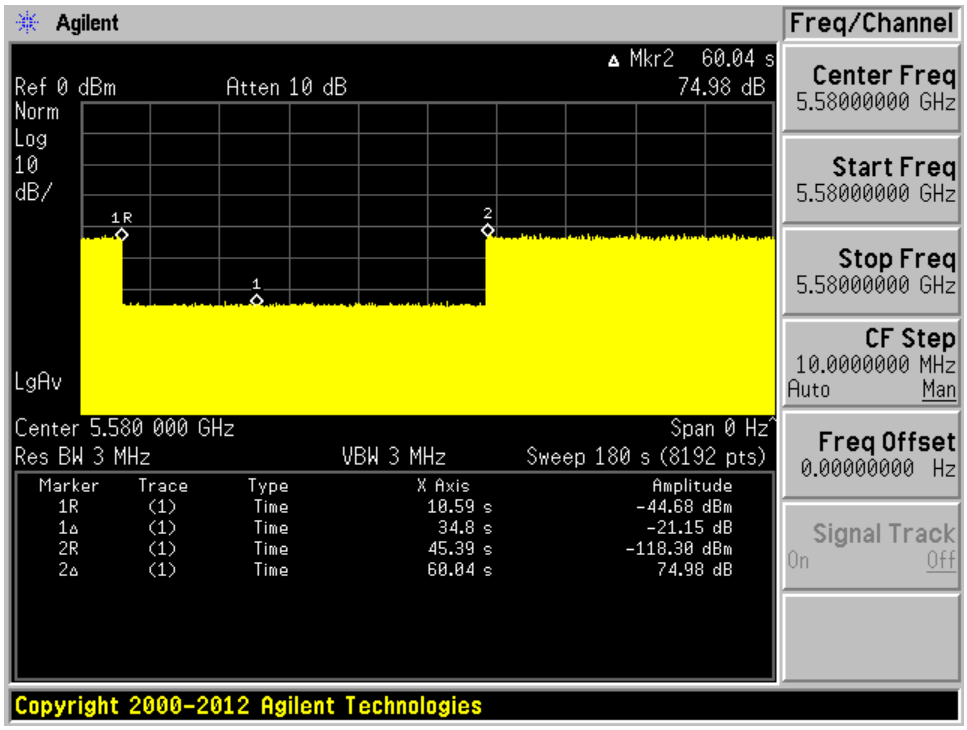
Plot of Radar signal applied at the end of 2 seconds of CAC



No transmissions found after radar signal applied.

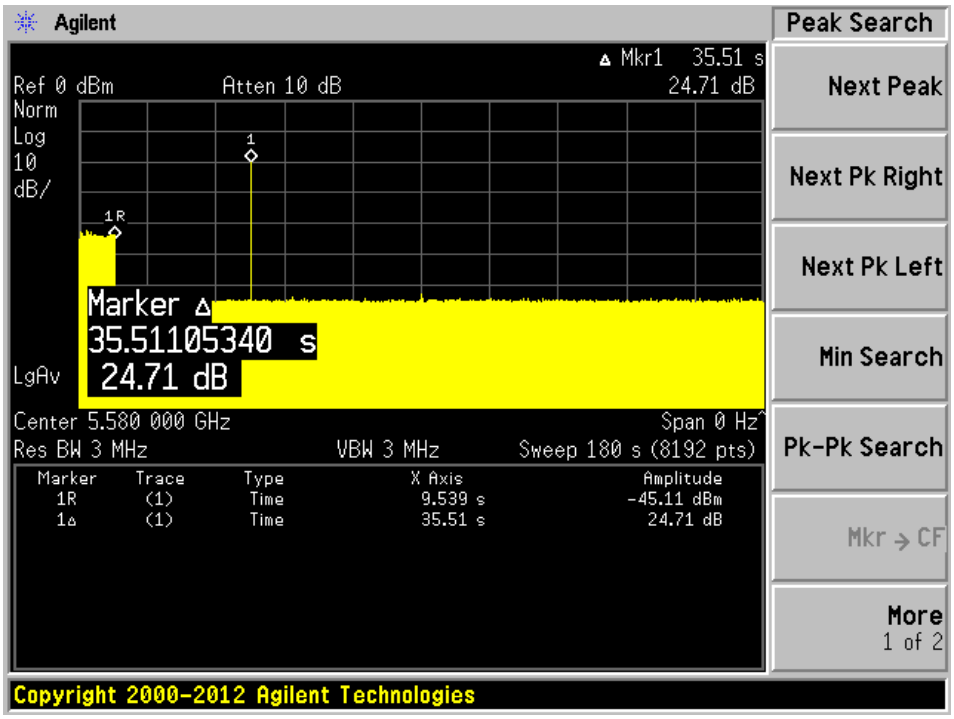
5580 MHz, Bandwidth 20 MHz

Plot of without Radar signal applied



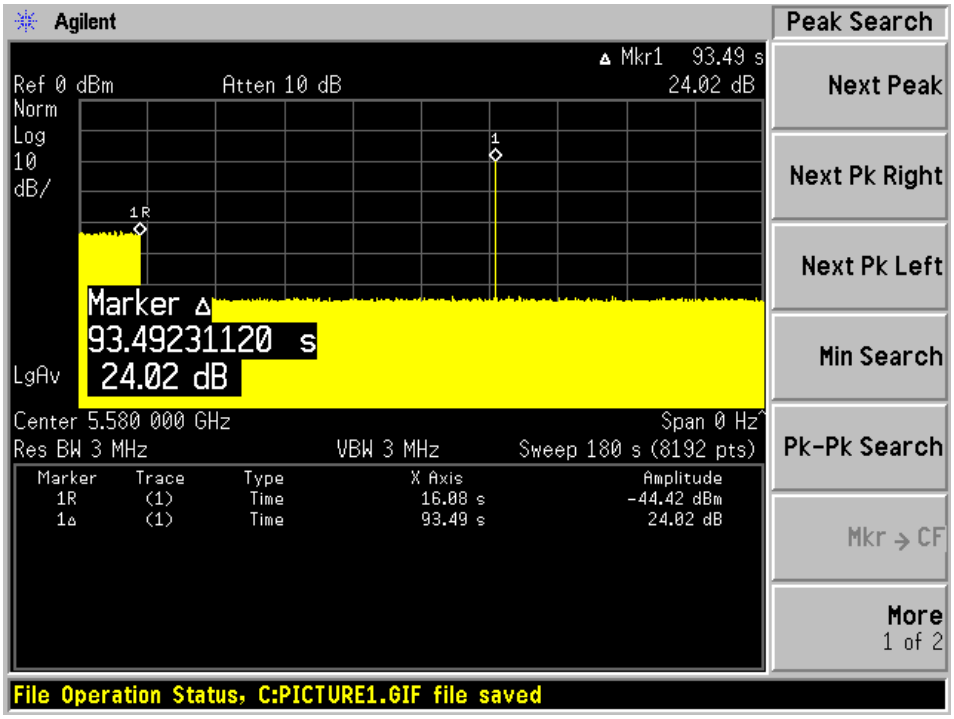
Note: The power-up cycle is 34.8 seconds.

Plot of Radar signal applied within 2 seconds of start of CAC



No transmissions found after radar signal applied.

Plot of Radar signal applied at the end of 2 seconds of CAC



No transmissions found after radar signal applied.

7 Channel Move Time and Channel Closing Transmission Time

7.1 Test Procedure

Perform one of the type 0 to type 4 short pulse radar waveform, BACL use type 0 radar signal, 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)

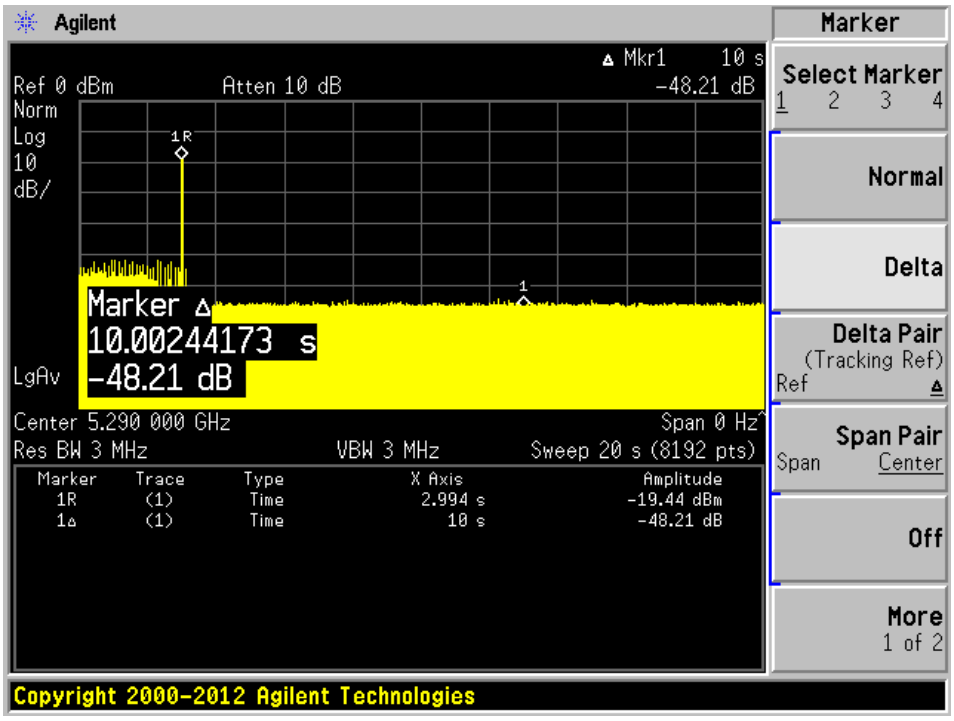
7.2 Test Results

Frequency (MHz)	Bandwidth (MHz)	Radar Type	Results
5290	80	Type 0	Compliant
		Type 5	Compliant
5530	80	Type 0	Compliant
		Type 5	Compliant

Please refer to the following tables and plots.

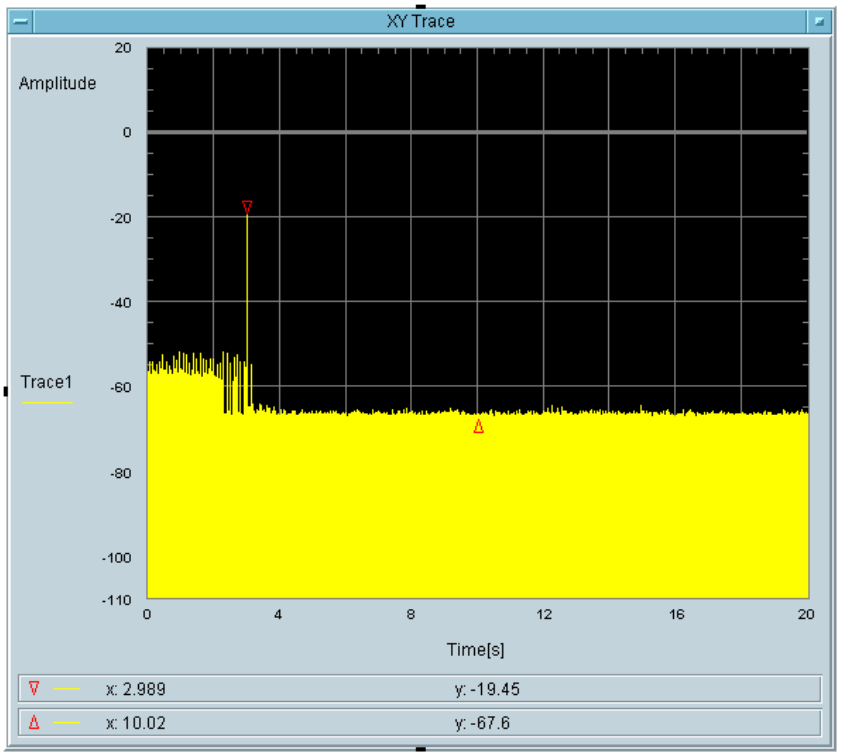
5290 MHz, Bandwidth 80 MHz

Type 0 radar channel move time result:



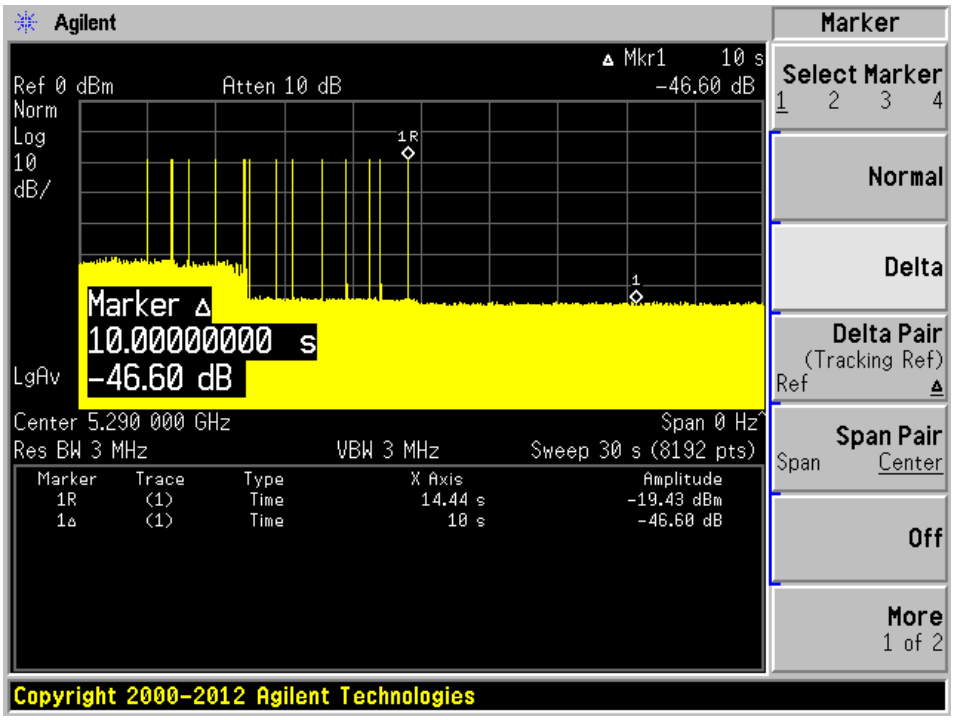
Type 0 radar channel closing transmission time result:

Frequency (MHz)	Radar Type	Channel Closing Transmission Time				Channel Move Time	
		Test	Limit	Aggregate Transmission Time	Limit	Test	Limit
5290	0	2.441 ms	200 ms	0 ms	60 ms	< 10 s	10 s



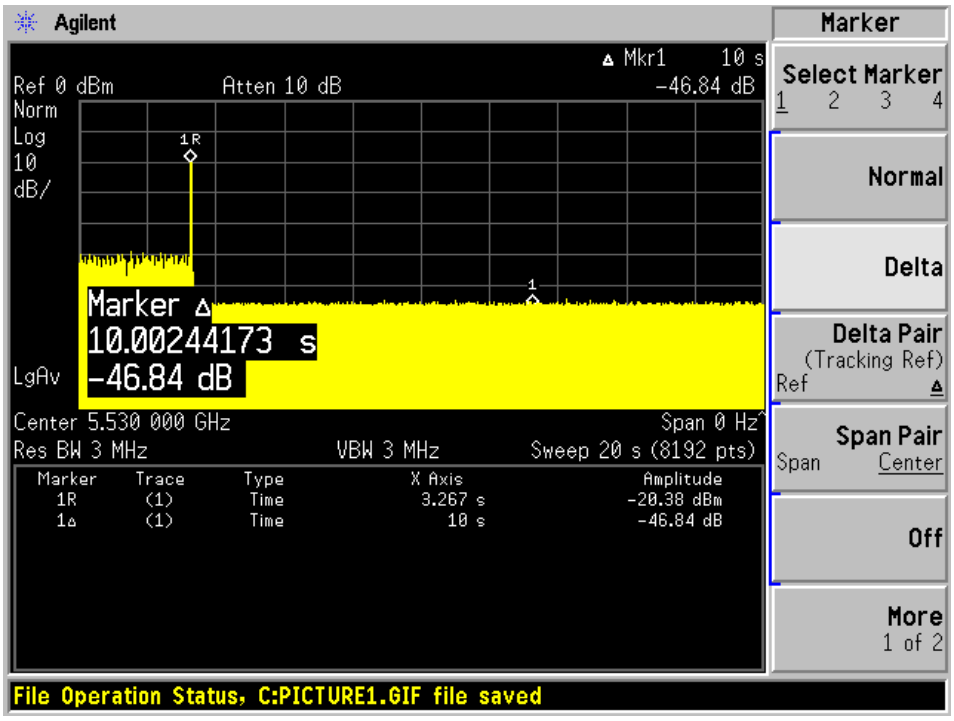
Type 5 radar channel move time result:

The traffic ceases at the end of the radar waveform, therefore it also ceases at 10 seconds after the end of the radar waveform.



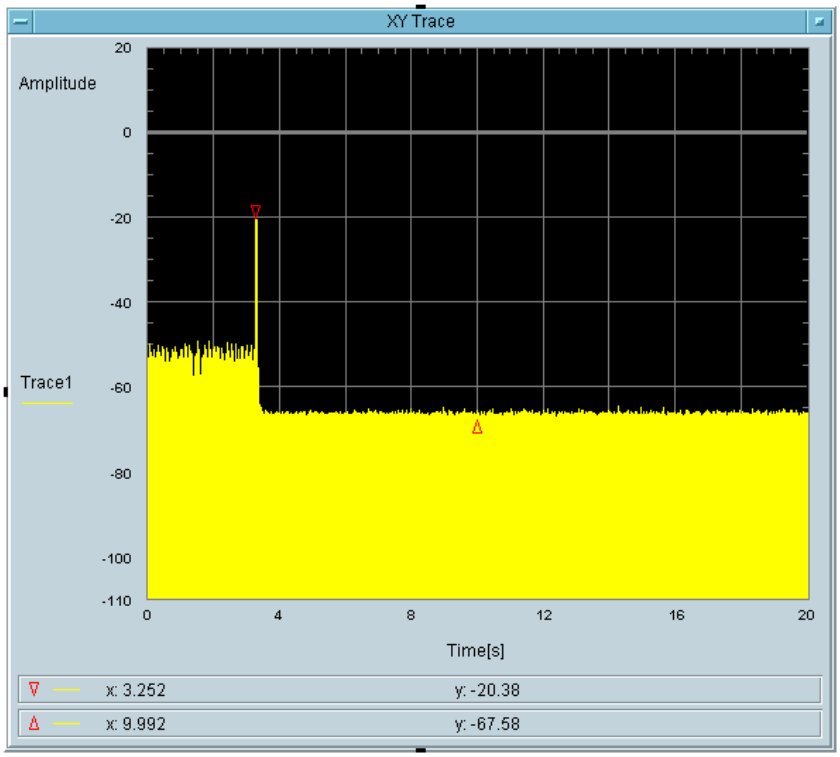
5530 MHz, Bandwidth 80 MHz

Type 0 radar channel move time result:



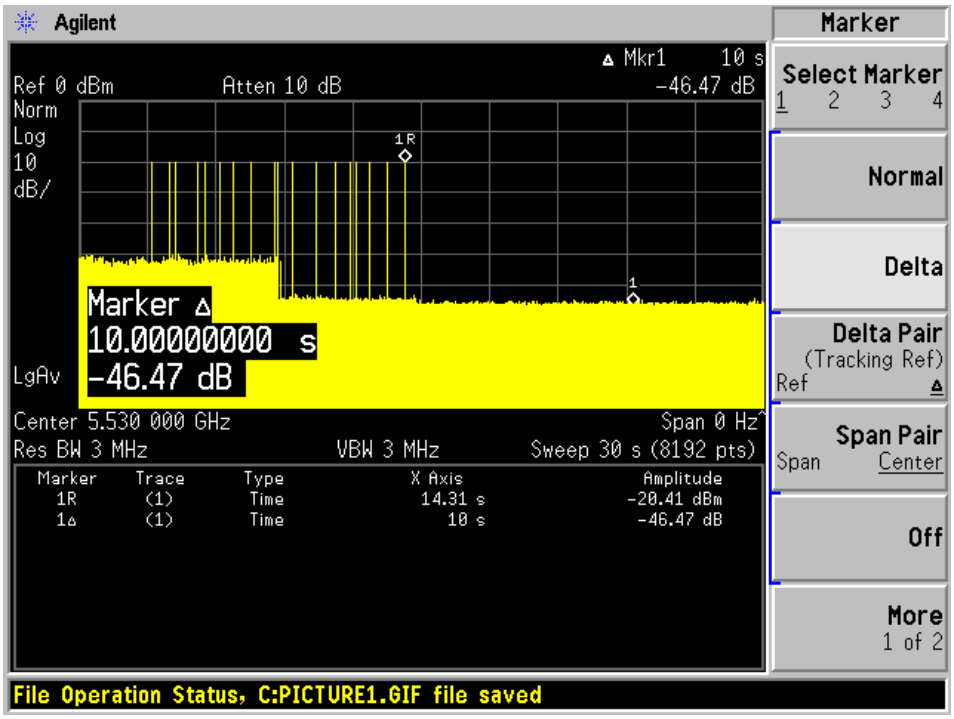
Type 0 radar channel closing transmission time result:

Frequency (MHz)	Radar Type	Channel Closing Transmission Time				Channel Move Time	
		Test	Limit	Aggregate Transmission Time	Limit	Test	Limit
5530	0	2.441 ms	200 ms	0 ms	60 ms	< 10 s	10 s



Type 5 radar channel move time result:

The traffic ceases at the end of the radar waveform, therefore it also ceases at 10 seconds after the end of the radar waveform.



8 Non-Occupancy Period

8.1 Test Procedure

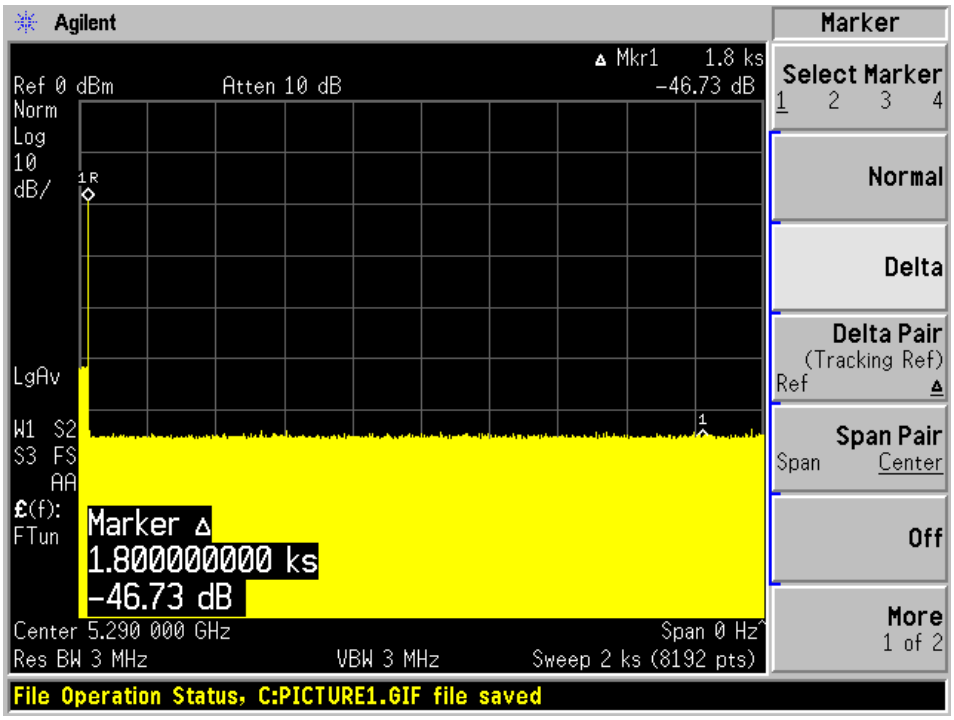
Measure the EUT for more than 30 minutes following the channel close/move time to very that the EUT does not resume any transmissions on this channel. Provide one plot to demonstrate no transmission on the channel for the non-occupancy period (30 minutes observation time)

8.2 Test Results

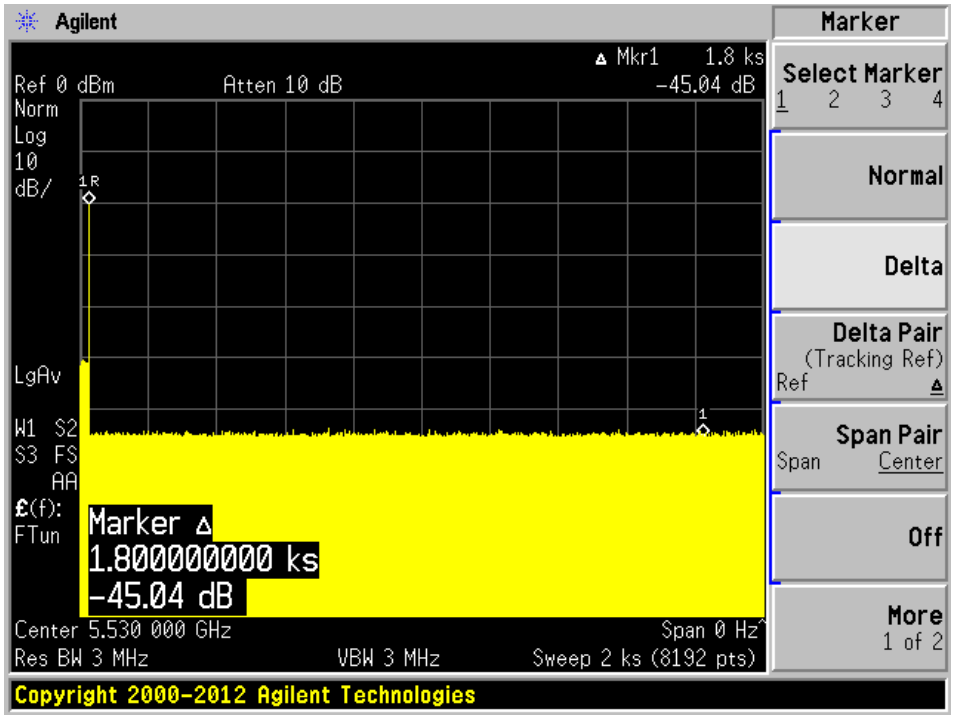
Frequency (MHz)	Bandwidth (MHz)	Spectrum Analyzer Display
5290	80	No transmission within 30 minutes
5530	80	No transmission within 30 minutes

Please refer to the following plots.

5290 MHz, Bandwidth 80 MHz



5530 MHz, Bandwidth 80 MHz



9 Radar Detection Bandwidth & Radar Detection Performance Check

9.1 Detection Bandwidth

Procedure:

Performed with any one of the short pulse radar waveforms (type 1A, 1B, 2, 3 or 4)

Start with radar generator frequency set to the center of the channel (Fc)
Perform at least 10 trials and confirm at least 90% detected
Increment radar generator frequency by 5 MHz and repeat
Perform at least 10 trials and confirm at least 90% detected
Continue incrementing the radar frequency until detection rate falls below 90%

Starting at Fc -5 MHz, Repeat this measurement in 1MHz steps at frequencies 5 MHz below where the detection rate begins to fall.

F_L is the lowest frequency at which detection was 100% or better
F_H is the highest frequency at which detection was 100% or better

UNII Detection Bandwidth = $F_H - F_L$

Test Results

Frequency (MHz)	F_L (MHz)	F_H (MHz)	Detection Bandwidth (MHz)	Minimum Limit	Result
5280	5270	5290	20	100%	Compliance
5580	5570	5590	20	100%	Compliance
5270	5250	5289	39	100%	Compliance
5550	5530	5569	39	100%	Compliance
5290	5250	5330	80	100%	Compliance
5530	5490	5570	80	100%	Compliance

Please refer to the following tables and plots.

Results of Detection Bandwidth:

EUT Frequency = 5280 MHz											
DFS Detection Trials (1 = Detected, Blank = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5269	0	0	0	0	0	0	0	0	0	0	0 %
5270(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5275	1	1	1	1	1	1	1	1	1	1	100 %
5280(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5285	1	1	1	1	1	1	1	1	1	1	100 %
5290(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5291	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5290-5270=20 MHz											
EUT 99% OBW = 16.8407 MHz; 16.8407 x 100% = 16.8407 MHz **Result:** Pass											

EUT Frequency = 5580 MHz											
DFS Detection Trials (1 = Detected, Blank = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5569	0	0	0	0	0	0	0	0	0	0	0 %
5570(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5575	1	1	1	1	1	1	1	1	1	1	100 %
5580(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5585	1	1	1	1	1	1	1	1	1	1	100 %
5590(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5591	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5590-5570=20 MHz											
EUT 99% OBW = 16.8624 MHz; 16.8624 x 100% = 16.8624 MHz **Result:** Pass											

EUT Frequency = 5270 MHz											
DFS Detection Trials (1 = Detected, Blank = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5249	0	0	0	0	0	0	0	0	0	0	0 %
5250(F_L)	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(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5275	1	1	1	1	1	1	1	1	1	1	100 %
5280	1	1	1	1	1	1	1	1	1	1	100 %
5285	1	1	1	1	1	1	1	1	1	1	100 %
5290(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5291	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5290-5250=40 MHz											
EUT 99% OBW = 36.5417 MHz; 36.5417 x 100% = 36.5417 MHz **Result:** Pass											

EUT Frequency = 5550 MHz											
DFS Detection Trials (1 = Detected, Blank = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5429	0	0	0	0	0	0	0	0	0	0	0 %
5530(F_L)	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(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5555	1	1	1	1	1	1	1	1	1	1	100 %
5560	1	1	1	1	1	1	1	1	1	1	100 %
5565	1	1	1	1	1	1	1	1	1	1	100 %
5570(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5571	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$ =5570-5430=40 MHz											
EUT 99% OBW = 36.4142 MHz; 36.4142 x 100% = 36.4142 MHz **Result:** Pass											

EUT Frequency = 5290 MHz											
DFS Detection Trials (1 = Detected, Blank = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5249	0	0	0	0	0	0	0	0	0	0	0 %
5250(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5255	1	1	1	1	1	1	1	1	1	1	100 %
5260	1	1	1	1	1	1	1	1	1	1	100 %
5265	1	1	1	1	1	1	1	1	1	1	100 %
5270	1	1	1	1	1	1	1	1	1	1	100 %
5275	1	1	1	1	1	1	1	1	1	1	100 %
5280	1	1	1	1	1	1	1	1	1	1	100 %
5285	1	1	1	1	1	1	1	1	1	1	100 %
5290(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5295	1	1	1	1	1	1	1	1	1	1	100 %
5300	1	1	1	1	1	1	1	1	1	1	100 %
5305	1	1	1	1	1	1	1	1	1	1	100 %
5310	1	1	1	1	1	1	1	1	1	1	100 %
5315	1	1	1	1	1	1	1	1	1	1	100 %
5320	1	1	1	1	1	1	1	1	1	1	100 %
5325	1	1	1	1	1	1	1	1	1	1	100 %
5330(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5331	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$ =5330-5250=80 MHz											
EUT 99% OBW = 75.8776 MHz; 75.8776 x 100% = 75.8776 MHz **Result:** Pass											

EUT Frequency = 5530 MHz											
DFS Detection Trials (1 = Detected, Blank = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5489	0	0	0	0	0	0	0	0	0	0	0 %
5490(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5495	1	1	1	1	1	1	1	1	1	1	100 %
5500	1	1	1	1	1	1	1	1	1	1	100 %
5505	1	1	1	1	1	1	1	1	1	1	100 %
5510	1	1	1	1	1	1	1	1	1	1	100 %
5515	1	1	1	1	1	1	1	1	1	1	100 %
5520	1	1	1	1	1	1	1	1	1	1	100 %
5525	1	1	1	1	1	1	1	1	1	1	100 %
5530 (Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5535	1	1	1	1	1	1	1	1	1	1	100 %
5540	1	1	1	1	1	1	1	1	1	1	100 %
5545	1	1	1	1	1	1	1	1	1	1	100 %
5550	1	1	1	1	1	1	1	1	1	1	100 %
5555	1	1	1	1	1	1	1	1	1	1	100 %
5560	1	1	1	1	1	1	1	1	1	1	100 %
5565	1	1	1	1	1	1	1	1	1	1	100 %
5570(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5571	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$ =5570–5490=80 MHz											
EUT 99% OBW =75.4477 MHz; 75.4477 x 100% = 75.4477 MHz **Result:** Pass											

9.2 Radar Detection Performance Check

Procedure:

Stream MPEG file from master to slave
Generate radar waveform
Record whether or not the waveform was detected
At least 30 trials are applied for each radar type
For radar types with randomized parameters, each trial uses a unique waveform
Perform with each of the radar types 1-6

Confirm that the detection rate for each radar type meets the minimum requirement
Type 1A&1B, 2, 3, 4: 60% each
Type 5: 80%
Type 6: 70%
Confirm that the mean of the rates for radar types 1 through 4 meets the requirement of 80%

$$\text{Detection Ratio} = \frac{\text{Total Waveform Detections}}{\text{Total Waveform Trials}} \times 100$$

Test Results:

5280 MHz, 20 MHz Bandwidth

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

Please refer to the following statistical tables:

5280 MHz, 20 MHz Bandwidth

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5280	99	1	538	1
2	5280	86	1	618	1
3	5280	92	1	578	1
4	5280	70	1	758	1
5	5280	57	1	938	1
6	5280	63	1	838	1
7	5280	78	1	678	1
8	5280	67	1	798	1
9	5280	89	1	598	1
10	5280	65	1	818	1
11	5280	74	1	718	1
12	5280	76	1	698	1
13	5280	95	1	558	1
14	5280	62	1	858	1
15	5280	81	1	658	1
16	5280	66	1	802	1
17	5280	25	1	2145	1
18	5280	37	1	1451	1
19	5280	100	1	530	1
20	5280	70	1	762	1
21	5280	20	1	2775	1
22	5280	28	1	1888	1
23	5280	43	1	1247	1
24	5280	18	1	2984	1
25	5280	31	1	1745	1
26	5280	34	1	1599	1
27	5280	36	1	1490	1
28	5280	45	1	1190	1
29	5280	31	1	1751	1
30	5280	38	1	1391	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5280	23	2.5	189	1
2	5280	25	2.3	209	1
3	5280	28	2.5	199	1
4	5280	27	4	204	1
5	5280	29	3.9	205	1
6	5280	25	4.6	166	1
7	5280	26	2.6	194	1
8	5280	29	2.7	173	1
9	5280	24	2.1	193	1
10	5280	26	4.8	172	1
11	5280	26	1.5	218	1
12	5280	26	1.1	154	1
13	5280	25	3.3	194	1
14	5280	26	2	210	1
15	5280	26	1.6	154	1
16	5280	27	1.3	224	1
17	5280	24	1.6	151	1
18	5280	24	1	177	1
19	5280	24	2.1	220	1
20	5280	26	3.3	165	1
21	5280	25	3.1	155	1
22	5280	27	1.7	184	1
23	5280	28	1	227	1
24	5280	27	4.2	160	1
25	5280	26	2.4	222	1
26	5280	27	1.4	183	1
27	5280	25	4.1	192	1
28	5280	28	3.7	195	1
29	5280	28	2.8	218	1
30	5280	23	2.3	187	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5280	18	8.1	363	1
2	5280	17	9.8	325	1
3	5280	16	7.4	297	1
4	5280	17	7.7	407	1
5	5280	18	8.4	256	1
6	5280	18	8.5	309	1
7	5280	17	9	320	1
8	5280	17	9.1	337	1
9	5280	16	6.5	444	1
10	5280	17	6.7	471	1
11	5280	18	8.8	305	1
12	5280	16	9.7	491	1
13	5280	16	6.7	337	1
14	5280	17	9	299	1
15	5280	16	6.9	408	1
16	5280	17	9.2	372	1
17	5280	17	9.8	394	1
18	5280	17	9	492	1
19	5280	17	9.8	280	1
20	5280	18	7.8	383	1
21	5280	17	10	325	1
22	5280	17	8.5	345	1
23	5280	16	6.3	444	1
24	5280	17	9.4	422	1
25	5280	18	6.5	238	1
26	5280	16	7.1	287	1
27	5280	17	7.2	382	1
28	5280	18	9.2	331	1
29	5280	17	6.8	334	1
30	5280	17	9.4	335	1
Detection Percentage: 100 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5280	13	12.3	301	1
2	5280	13	18.9	464	1
3	5280	13	13.9	470	1
4	5280	15	11.8	451	1
5	5280	12	16.3	375	1
6	5280	15	19	217	1
7	5280	13	18.4	306	1
8	5280	15	11.1	214	1
9	5280	15	18.1	475	1
10	5280	14	14.6	340	1
11	5280	14	11.5	255	1
12	5280	14	13.1	310	1
13	5280	13	12.2	481	1
14	5280	12	13.4	443	1
15	5280	13	19.8	363	1
16	5280	16	13.7	290	1
17	5280	16	15.7	484	1
18	5280	15	13.7	270	1
19	5280	13	19.2	299	1
20	5280	12	16.1	423	1
21	5280	12	18.4	251	1
22	5280	14	16.7	267	1
23	5280	13	16.3	214	1
24	5280	15	11.2	480	1
25	5280	14	16.5	398	1
26	5280	15	14.8	301	1
27	5280	15	19.7	226	1
28	5280	15	17.8	293	1
29	5280	15	11.8	242	1
30	5280	15	18	370	1
Detection Percentage: 100 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Bin5 Statistics 1

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	7	70.2	1240		0.661988	1
1	2	17	63.4	1619		2.299149	
2	2	10	80.2	1467		3.783998	
3	1	20	68.9			5.245133	
4	2	13	62.6	1231		5.808978	
5	1	10	61.5			6.896465	
6	2	5	71.6	1102		8.322091	
7	2	14	56.2	1261		9.503125	
8	2	12	99.4	1524		11.815016	

Bin5 Statistics 2

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	7	69.1	1464		0.299419	1
1	3	15	57.4	1767	1527	1.224824	
2	1	18	95			1.334062	
3	3	10	67.9	1058	1581	2.175924	
4	2	8	95.7	1822		3.057544	
5	3	9	89.1	1798	1640	3.839436	
6	2	11	68.9	1524		4.274976	
7	2	9	82.3	1710		5.037674	
8	3	16	73.5	1897	1286	5.557602	
9	3	14	64.9	1412	1317	6.333279	
10	2	11	74.4	1813		7.009236	
11	3	11	97.3	1717	1465	7.507834	
12	2	18	80.8	1283		8.061042	
13	2	16	80.7	1969		9.313798	
14	2	14	73.1	1327		9.933136	
15	1	9	93.7			10.644524	
16	2	11	98.6	1747		10.882266	
17	1	18	99.5			11.928718	

Bin5 Statistics 3

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	19	55.4	1767		0.722817	1
1	2	14	73.4	1178		1.100496	
2	2	5	57.9	1730		1.755054	
3	2	16	76.7	1050		3.141218	
4	2	6	52.3	1060		3.485246	
5	2	13	83.3	1078		4.619155	
6	1	11	77.2			5.99028	
7	3	11	67.8	1585	1302	6.46237	
8	3	8	72.2	1144	1708	7.514388	
9	1	6	92			7.834784	
10	1	8	65.4			8.9792	
11	2	10	69.5	1060		9.712312	
12	3	7	69	1508	1672	10.93235	
13	1	13	80.5			11.58959	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	64.3			0.937766	1
1	2	7	83.7	1677		1.272035	
2	1	16	70.3			2.619967	
3	3	18	92.6	1698	1298	4.268401	
4	2	18	95.7	1322		5.356322	
5	1	15	66.7			7.034603	
6	3	14	57.5	1416	1524	8.11326	
7	3	17	77.6	1324	1364	8.939244	
8	2	10	53.2	1320		9.710217	
9	3	16	70.9	1195	1982	11.633758	

Bin5 Statistics 5

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	8	77.8	1921	1972	1.05764	1
1	1	14	71.6			2.364655	
2	1	18	98.3			4.450919	
3	2	16	83.1	1385		5.378444	
4	2	14	77	1498		6.402281	
5	2	14	90	1836		7.780586	
6	2	9	87.6	1009		10.07506	
7	1	18	55.5			11.582065	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	98.8			0.032573	1
1	1	10	95.8			1.242811	
2	3	8	93.5	1217	1554	1.773979	
3	3	9	71	1210	1035	2.775144	
4	2	14	94.1	1917		3.66205	
5	2	16	93	1137		4.064669	
6	1	19	57			5.138873	
7	2	10	57.6	1254		5.90232	
8	1	11	85.8			6.032805	
9	1	10	73.3			7.200174	
10	1	9	51.8			8.05337	
11	1	11	91.8			8.557826	
12	2	13	71	1342		9.695512	
13	3	20	83.3	1610	1584	10.20257	
14	3	15	97.5	1543	1268	11.118012	
15	3	13	73.7	1262	1058	11.787426	

Bin5 Statistics 7

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	17	61.7	1528		0.1272	1
1	3	17	84	1165	1705	1.921328	
2	2	8	77.9	1951		2.406734	
3	3	16	87.4	1988	1651	3.216278	
4	2	10	82.6	1016		4.344479	
5	1	17	93.9			5.329756	
6	2	18	89.3	1479		6.782725	
7	3	20	99.8	1014	1829	7.639332	
8	3	12	79.7	1783	1417	8.932484	
9	3	12	70.7	1214	1474	9.518299	
10	1	19	74.2			10.898553	
11	2	15	60.3	1837		11.659026	

Bin5 Statistics 8

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	12	52.1	1699	1434	0.325889	1
1	2	14	94.7	1953		1.392992	
2	1	11	92.9			2.140818	
3	1	9	67.7			2.848126	
4	3	16	99.4	1260	1026	3.214982	
5	3	16	88.3	1852	1636	4.612144	
6	2	12	89.4	1481		5.29557	
7	3	10	87.3	1067	1438	5.91689	
8	3	20	64.8	1788	1066	7.078371	
9	1	10	83.8			7.791671	
10	3	9	56.5	1924	1220	8.233231	
11	2	19	73.6	1186		9.49253	
12	3	18	65.4	1876	1467	9.997311	
13	2	9	79.7	1585		10.617954	
14	2	16	50.6	1312		11.666055	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	80.1			0.24468	1
1	2	11	79.1	1022		1.462666	
2	3	19	82.1	1374	1072	2.289191	
3	3	18	65.9	1091	1087	3.919104	
4	3	8	97.3	1461	1065	4.37353	
5	2	17	79.6	1839		5.574805	
6	2	18	52.1	1458		6.714783	
7	3	18	62	1512	1767	7.481326	
8	3	18	71.9	1651	1486	8.574516	
9	3	9	88	1668	1905	9.080729	
10	2	15	96.7	1812		10.740397	
11	3	19	89.5	1875	1993	11.265534	

Bin5 Statistics 10

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	69.6	1746		0.276817	1
1	2	10	97.8	1460		1.508062	
2	2	11	64.2	1906		3.087171	
3	1	15	95.5			3.757899	
4	1	5	99.8			4.444818	
5	2	14	56.3	1884		6.499481	
6	2	18	86.2	1375		6.553261	
7	2	9	77.1	1836		8.080128	
8	3	19	67.7	1370	1971	9.025313	
9	1	18	64.5			10.417188	
10	2	20	80	1425		11.155493	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	18	97.2			1.041643	
1	3	10	81.4	1238	1588	2.026953	
2	3	6	67.5	1685	1405	3.167435	
3	3	7	85.2	1687	1106	3.312076	
4	2	14	76.5	1858		4.63064	
5	2	12	68.2	1428		5.990491	1
6	2	8	92.9	1283		6.54786	
7	1	17	93.2			8.052216	
8	1	13	63.6			8.856451	
9	3	17	74.6	1568	1128	10.270093	
10	2	18	60.6	1516		11.492409	

Bin5 Statistics 12

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	17	66.6	1130		0.111465	
1	2	15	65.5	2000		0.8802	
2	2	8	58.8	1852		1.816559	
3	2	6	76.2	1887		2.017535	
4	1	18	82.3			2.943622	
5	3	13	64.2	1040	1634	3.701365	
6	2	19	95.7	1819		4.244347	
7	1	18	80.4			4.683212	
8	2	5	97.9	1269		5.314869	
9	2	17	97.2	1645		5.871315	1
10	2	9	98.7	1691		6.615612	
11	2	9	81.4	1587		6.999144	
12	2	18	70.8	1808		7.832509	
13	2	7	90.4	1290		8.379326	
14	2	8	68.8	1122		9.282495	
15	2	13	77.6	1015		9.679885	
16	1	16	69.5			10.40249	
17	1	18	63.3			11.144582	
18	2	13	50.9	1327		11.926213	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	54.3			0.826109	
1	2	15	60.2	1762		1.267815	
2	2	15	81.9	1950		2.732078	
3	1	10	77.2			3.455386	
4	2	8	64.5	1420		4.464242	
5	2	8	97.1	1996		5.23871	
6	2	18	61.5	1293		5.750073	1
7	3	15	83.1	1401	1198	7.099889	
8	3	14	76	1743	1474	7.718048	
9	2	7	80.3	1072		9.138712	
10	2	6	69.3	1564		9.866402	
11	2	12	88.5	1132		10.350945	
12	1	11	94.1			11.538633	

Bin5 Statistics 14

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	15	99.8	1787	1882	0.870607	
1	1	20	66.1			1.830513	
2	1	18	87.7			2.923885	
3	3	7	65.3	1410	1155	3.656289	
4	1	15	74.7			5.090932	
5	1	15	67			6.34601	1
6	1	8	90.7			6.625585	
7	1	11	72.7			8.000636	
8	2	7	62	1577		8.77763	
9	2	14	50	1858		10.880919	
10	2	8	89	1638		11.510303	

Bin5 Statistics 15

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	74.2	1285		0.837851	
1	1	10	73.1			2.550719	
2	3	5	67.8	1588	1002	3.591415	
3	1	20	56.1			5.185287	
4	1	13	78.1			5.701358	1
5	3	10	77.6	1032	1948	7.095558	
6	3	19	77.4	1278	1046	8.870395	
7	3	17	71.8	1356	1830	10.398741	
8	1	6	97.5			10.731046	

Bin5 Statistics 16

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	12	98.8	1676	1704	0.466311	
1	3	8	76	1860	1299	1.217808	
2	3	12	97.1	1017	1667	2.339411	
3	2	11	82.5	1062		2.883905	
4	2	14	99.8	1602		3.283975	
5	2	11	63.3	1409		4.289878	
6	3	16	87.1	1284	1750	5.503595	
7	3	8	68.4	1499	1316	5.849861	1
8	2	7	82.2	1558		6.805598	
9	3	10	90.1	1664	1201	7.474389	
10	2	15	78.8	1093		8.618844	
11	2	18	65.2	1100		9.527268	
12	2	12	71.3	1202		9.913913	
13	2	19	92.1	1991		10.984076	
14	1	10	53.6			11.460822	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	77			0.450622	1
1	1	20	72.1			0.931982	
2	2	13	55.5	1252		2.387916	
3	2	8	67.7	1317		3.289356	
4	2	9	63.7	1633		4.154911	
5	1	19	98.8			4.293249	
6	3	9	72.4	1435	1815	5.258578	
7	2	19	53	1817		6.173362	
8	3	6	63.7	1185	1018	7.705995	
9	2	18	73.7	1705		8.408387	
10	2	13	71.9	1736		9.291474	
11	2	11	88.7	1798		9.918294	
12	2	14	77.6	1542		10.549557	
13	2	17	72.6	1366		11.171039	

Bin5 Statistics 18

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	8	98.4	1601		0.723858	1
1	3	9	85.4	1339	1872	0.86958	
2	2	13	68.1	1694		2.072281	
3	2	7	58.4	1528		2.250246	
4	2	5	83.3	1778		3.242578	
5	1	5	56.6			4.013375	
6	1	7	81			4.572129	
7	3	20	69.3	1404	1578	5.411745	
8	2	6	77	1970		6.463099	
9	2	18	100	1963		7.370475	
10	3	11	84.1	1467	1028	7.929349	
11	2	13	55	1376		8.659977	
12	2	10	93.2	1188		9.650038	
13	3	8	68.7	1444	1766	10.279883	
14	2	7	75	1854		10.685966	
15	3	11	91.6	1731	1530	11.503404	

Bin5 Statistics 19

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	8	78.2	1140	1997	0.190464	1
1	2	12	94.5	1549		1.261264	
2	2	11	71.3	1732		2.226714	
3	2	18	59.2	1008		2.801961	
4	2	19	62.5	1406		3.247293	
5	3	12	82.8	1744	1612	3.987651	
6	3	16	85.9	1746	1102	4.515639	
7	1	14	88.7			5.372913	
8	3	13	87.5	1202	1821	6.631893	
9	2	16	79.8	1208		7.239049	
10	2	12	91	1954		7.841652	
11	3	18	83.1	1396	1236	8.358461	
12	3	19	91.6	1865	1044	9.715927	
13	2	15	86.1	1905		10.087178	
14	3	14	92.6	1377	1745	10.927361	
15	2	17	74	1887		11.911038	

Bin5 Statistics 20

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	6	96.2	1446		0.374316	1
1	1	7	92			2.711875	
2	2	6	84.1	1787		3.633009	
3	2	11	80.7	1381		4.867127	
4	3	8	77.6	1320	1790	6.75467	
5	1	14	95.7			8.420789	
6	2	6	88.9	1091		9.82637	
7	3	19	65.9	1250	1203	10.705972	

Bin5 Statistics 21

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	19	51.9	1386	1373	0.449104	1
1	3	15	99.6	1439	1908	0.822963	
2	1	5	62.7			1.53639	
3	3	17	95	1246	1464	2.02347	
4	3	19	79.1	1566	1211	2.927572	
5	2	15	63.9	1489		3.932268	
6	2	14	97.4	1957		4.200658	
7	2	7	75.3	1710		5.035267	
8	2	12	60.5	1496		5.803234	
9	2	14	70.7	1778		6.170922	
10	2	18	58.3	1549		7.272421	
11	2	13	76.6	1441		7.773174	
12	3	19	94.5	1109	1282	8.060588	
13	1	12	97.1			8.874916	
14	3	13	63.5	1924	1634	9.564732	
15	3	17	79	1684	1849	10.121442	
16	3	12	80.7	1217	1779	11.167808	
17	1	10	56.4			11.620335	

Bin5 Statistics 22

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	11	91.9	1085		0.529953	1
1	2	19	90.9	1474		1.267597	
2	2	20	65.8	1012		1.829414	
3	3	13	93.5	1456	1642	2.510573	
4	2	18	88.6	1211		2.900869	
5	1	7	55			3.953502	
6	2	10	72.8	1750		4.265536	
7	1	20	79.1			5.143407	
8	3	18	52.7	1696	1978	5.600833	
9	1	17	86.2			6.369428	
10	3	6	89.7	1704	1217	6.972932	
11	1	6	98.2			7.706124	
12	1	8	60.1			8.46528	
13	3	12	88.5	1238	1960	8.962176	
14	1	18	82.4			9.894753	
15	3	7	85.6	1482	1765	10.213593	
16	2	18	90.6	1197		11.301701	
17	2	18	54.1	1522		11.65739	

Bin5 Statistics 23

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	14	95.3	1475	1676	0.219421	1
1	3	11	63.5	1090	1663	1.377142	
2	2	6	98.1	1275		2.01149	
3	2	16	55.9	1863		2.523439	
4	1	15	80.6			3.304355	
5	2	9	82.6	1900		3.898135	
6	1	7	99.6			5.024873	
7	2	18	97	1041		5.881777	
8	3	20	90	1070	1152	6.627721	
9	1	8	63			6.829302	
10	2	5	90.1	1625		7.793599	
11	3	6	57.6	1534	1895	8.463617	
12	3	8	60.6	1733	1088	9.363932	
13	3	19	88.1	1039	1542	9.98602	
14	2	8	80.7	1449		11.031335	
15	2	9	70.9	1106		11.660511	

Bin5 Statistics 24

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	6	89.8	1520		0.109735	1
1	2	20	56	1227		1.874777	
2	2	15	55	1270		2.710996	
3	2	16	86.4	1416		3.051689	
4	1	17	71			4.001403	
5	1	18	62.7			5.642549	
6	3	6	57.9	1756	1380	6.735476	
7	1	20	95.1			7.238173	
8	2	7	77.5	1482		8.433512	
9	2	19	69.9	1093		9.777674	
10	3	20	71.1	1570	1903	10.43843	
11	2	19	54.8	1941		11.87972	

Bin5 Statistics 25

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	8	53.8	1759		0.752259	1
1	2	8	70.4	1027		1.981717	
2	2	5	56.1	1412		2.775191	
3	2	16	62.9	1547		4.705794	
4	3	5	99.6	1590	1671	5.660925	
5	2	13	56.6	1448		7.804223	
6	2	8	53.4	1668		8.656508	
7	2	6	88.6	1932		9.564367	
8	2	6	58.6	1567		11.5935	

Bin5 Statistics 26

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	12	79.1	1375	1108	0.84305	
1	1	16	65.7			1.470164	
2	1	12	89.7			2.41404	
3	2	16	78.7	1890		3.396022	
4	1	11	61.3			5.368584	
5	1	9	78.4			5.63391	1
6	2	8	63.7	1117		7.000084	
7	2	17	87.2	1941		8.299692	
8	3	14	71.5	1686	1910	9.264421	
9	2	16	59.6	1237		10.852133	
10	2	7	62.5	1477		11.124095	

Bin5 Statistics 27

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	18	52.4	1323	1378	0.394943	
1	3	9	67.2	1174	1924	1.484013	
2	2	7	78.5	1581		2.16083	
3	2	13	59	1735		3.501263	
4	1	11	79.3			3.748853	
5	1	17	65.8			4.870429	
6	1	10	78.3			5.563237	1
7	2	10	67	1823		7.32784	
8	3	15	57.3	1546	1770	7.851025	
9	1	10	82.2			8.625094	
10	3	11	76.7	1161	1955	9.408436	
11	3	13	77.7	1458	1129	10.324736	
12	1	10	78.9			11.906184	

Bin5 Statistics 28

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	8	56.1	1638		0.462158	1
1	3	17	93	1261	1289	2.129934	
2	1	18	90.2			3.129411	
3	2	17	89.5	1188		3.796321	
4	1	17	73.5			4.955599	
5	2	7	92.7	1163		6.595441	
6	3	15	73.6	1215	1499	7.665151	
7	1	19	86.9			8.926147	
8	2	11	91.8	1094		9.690846	
9	3	7	97	1717	1214	11.145646	

Bin5 Statistics 29

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	14	69.6	1268	1968	0.538548	1
1	2	19	86	1174		1.032971	
2	3	15	83.5	1225	1766	2.343373	
3	3	20	80.6	1640	1190	3.110275	
4	1	11	73.1			4.138065	
5	1	8	60.4			5.466691	
6	2	9	79.3	1813		6.566842	
7	2	7	92.6	1719		7.042328	
8	1	9	76.2			8.778831	
9	3	6	59.8	1105	1805	9.054574	
10	1	7	58.2			10.913744	
11	2	12	78.3	1037		11.859019	

Bin5 Statistics 30

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	6	94.5	1467		0.842475	
1	2	15	87.9	1557		1.414604	
2	2	11	73.1	1631		2.193653	
3	2	20	62.9	1727		3.299909	
4	2	11	96.3	1075		4.836717	
5	1	20	59.4			6.373853	1
6	2	19	86.4	1097		7.141533	
7	2	17	66.9	1354		8.450476	
8	1	18	92.9			9.554687	
9	1	19	72			9.887438	
10	3	9	95.3	1186	1053	11.014093	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5280	9	1	333	1	5343.0, 5687.0, 5439.0, 5638.0, 5605.0, 5351.0, 5700.0, 5323.0, 5381.0, 5321.0, 5589.0, 5365.0, 5296.0, 5360.0, 5679.0, 5304.0, 5673.0, 5312.0, 5422.0, 5416.0, 5583.0, 5715.0, 5504.0, 5524.0, 5519.0, 5568.0, 5300.0, 5695.0, 5318.0, 5642.0, 5690.0, 5667.0, 5481.0, 5658.0, 5522.0, 5517.0, 5389.0, 5541.0, 5449.0, 5358.0, 5367.0, 5513.0, 5288.0, 5531.0, 5270.0, 5636.0, 5511.0, 5507.0, 5263.0, 5703.0, 5585.0, 5427.0, 5537.0, 5619.0, 5613.0, 5261.0, 5474.0, 5477.0, 5705.0, 5686.0, 5496.0, 5722.0, 5383.0, 5324.0, 5276.0, 5689.0, 5492.0, 5556.0, 5486.0, 5398.0, 5592.0, 5306.0, 5390.0, 5637.0, 5295.0, 5400.0, 5404.0, 5510.0, 5305.0, 5395.0, 5659.0, 5341.0, 5584.0, 5425.0, 5310.0, 5375.0, 5712.0, 5500.0, 5472.0, 5440.0, 5570.0, 5257.0, 5532.0, 5525.0, 5497.0, 5362.0, 5374.0, 5289.0, 5596.0, 5438.0 (number of hits: 4)
2	5280	9	1	333	1	5583.0, 5637.0, 5629.0, 5372.0, 5502.0, 5357.0, 5463.0, 5443.0, 5512.0, 5581.0, 5373.0, 5554.0, 5714.0, 5663.0, 5417.0, 5687.0, 5559.0, 5269.0, 5506.0, 5708.0, 5603.0, 5290.0, 5391.0, 5266.0, 5434.0, 5335.0, 5638.0, 5625.0, 5329.0, 5598.0, 5610.0, 5469.0, 5476.0, 5341.0, 5534.0, 5445.0, 5600.0, 5483.0, 5350.0, 5406.0, 5436.0, 5482.0, 5668.0, 5383.0, 5299.0, 5257.0, 5310.0, 5334.0, 5274.0, 5670.0, 5431.0, 5401.0, 5331.0, 5718.0, 5525.0, 5409.0, 5360.0, 5724.0, 5657.0, 5362.0, 5281.0, 5669.0, 5553.0, 5713.0, 5671.0, 5679.0, 5371.0, 5643.0, 5666.0, 5318.0, 5499.0, 5543.0, 5380.0, 5311.0, 5473.0, 5259.0, 5532.0, 5460.0, 5432.0, 5315.0, 5288.0, 5515.0, 5322.0, 5546.0, 5624.0, 5689.0, 5447.0, 5260.0, 5646.0, 5667.0, 5295.0, 5557.0, 5355.0, 5405.0, 5408.0, 5521.0, 5377.0, 5705.0, 5486.0, 5394.0 (number of hits: 3)
3	5280	9	1	333	1	5616.0, 5514.0, 5569.0, 5524.0, 5583.0, 5662.0, 5276.0, 5567.0, 5552.0, 5544.0, 5435.0, 5687.0, 5690.0, 5679.0, 5454.0, 5468.0, 5343.0, 5531.0, 5392.0, 5716.0, 5715.0, 5694.0, 5701.0, 5279.0, 5683.0, 5645.0, 5723.0, 5470.0, 5487.0, 5592.0, 5456.0, 5449.0, 5558.0, 5433.0, 5708.0, 5319.0, 5713.0, 5719.0, 5491.0, 5421.0, 5670.0, 5345.0, 5615.0, 5651.0, 5584.0, 5549.0, 5464.0, 5462.0, 5513.0, 5352.0, 5548.0, 5389.0, 5709.0, 5636.0, 5332.0,

						5557.0, 5568.0, 5316.0, 5336.0, 5399.0, 5536.0, 5443.0, 5474.0, 5441.0, 5348.0, 5657.0, 5394.0, 5490.0, 5605.0, 5591.0, 5424.0, 5680.0, 5516.0, 5629.0, 5520.0, 5624.0, 5273.0, 5608.0, 5300.0, 5661.0, 5477.0, 5265.0, 5707.0, 5417.0, 5446.0, 5511.0, 5353.0, 5528.0, 5429.0, 5666.0, 5526.0, 5596.0, 5551.0, 5388.0, 5722.0, 5377.0, 5602.0, 5499.0, 5560.0, 5460.0 (number of hits: 3)
4	5280	9	1	333	1	5444.0, 5644.0, 5531.0, 5423.0, 5286.0, 5315.0, 5297.0, 5649.0, 5574.0, 5713.0, 5636.0, 5518.0, 5445.0, 5280.0, 5383.0, 5696.0, 5398.0, 5289.0, 5573.0, 5473.0, 5508.0, 5355.0, 5262.0, 5632.0, 5639.0, 5721.0, 5622.0, 5555.0, 5566.0, 5298.0, 5463.0, 5525.0, 5546.0, 5328.0, 5521.0, 5598.0, 5705.0, 5439.0, 5716.0, 5576.0, 5461.0, 5628.0, 5513.0, 5561.0, 5250.0, 5606.0, 5655.0, 5324.0, 5433.0, 5560.0, 5715.0, 5372.0, 5485.0, 5613.0, 5367.0, 5506.0, 5583.0, 5409.0, 5505.0, 5523.0, 5273.0, 5339.0, 5318.0, 5277.0, 5565.0, 5489.0, 5390.0, 5396.0, 5586.0, 5553.0, 5296.0, 5340.0, 5407.0, 5617.0, 5540.0, 5479.0, 5311.0, 5460.0, 5429.0, 5699.0, 5707.0, 5314.0, 5261.0, 5379.0, 5589.0, 5678.0, 5520.0, 5467.0, 5643.0, 5627.0, 5515.0, 5440.0, 5448.0, 5575.0, 5428.0, 5252.0, 5572.0, 5548.0, 5685.0, 5384.0 (number of hits: 5)
5	5280	9	1	333	1	5359.0, 5630.0, 5486.0, 5538.0, 5414.0, 5269.0, 5321.0, 5323.0, 5407.0, 5562.0, 5324.0, 5280.0, 5515.0, 5687.0, 5264.0, 5288.0, 5635.0, 5469.0, 5660.0, 5532.0, 5410.0, 5516.0, 5421.0, 5512.0, 5350.0, 5343.0, 5303.0, 5695.0, 5385.0, 5723.0, 5306.0, 5513.0, 5652.0, 5341.0, 5608.0, 5442.0, 5683.0, 5708.0, 5348.0, 5644.0, 5315.0, 5534.0, 5555.0, 5666.0, 5517.0, 5394.0, 5488.0, 5528.0, 5422.0, 5450.0, 5590.0, 5253.0, 5677.0, 5657.0, 5561.0, 5579.0, 5620.0, 5335.0, 5614.0, 5328.0, 5338.0, 5313.0, 5284.0, 5349.0, 5553.0, 5701.0, 5523.0, 5574.0, 5493.0, 5703.0, 5685.0, 5446.0, 5694.0, 5293.0, 5339.0, 5699.0, 5498.0, 5529.0, 5292.0, 5706.0, 5397.0, 5417.0, 5552.0, 5363.0, 5262.0, 5393.0, 5453.0, 5601.0, 5316.0, 5458.0, 5368.0, 5721.0, 5366.0, 5301.0, 5524.0, 5431.0, 5423.0, 5663.0, 5508.0, 5504.0 (number of hits: 3)
6	5280	9	1	333	1	5702.0, 5517.0, 5552.0, 5481.0, 5718.0, 5290.0, 5662.0, 5307.0, 5305.0, 5456.0, 5325.0, 5477.0, 5498.0, 5500.0, 5355.0, 5591.0, 5566.0, 5343.0, 5574.0, 5527.0, 5295.0, 5557.0, 5536.0, 5285.0, 5699.0, 5693.0, 5316.0, 5612.0, 5707.0, 5550.0, 5592.0, 5252.0, 5652.0, 5504.0, 5282.0,

						5487.0, 5383.0, 5604.0, 5586.0, 5535.0, 5621.0, 5596.0, 5476.0, 5630.0, 5394.0, 5638.0, 5444.0, 5465.0, 5585.0, 5589.0, 5603.0, 5407.0, 5278.0, 5618.0, 5279.0, 5616.0, 5537.0, 5525.0, 5332.0, 5403.0, 5717.0, 5374.0, 5318.0, 5624.0, 5467.0, 5645.0, 5493.0, 5705.0, 5364.0, 5669.0, 5410.0, 5468.0, 5378.0, 5687.0, 5555.0, 5576.0, 5327.0, 5489.0, 5358.0, 5683.0, 5392.0, 5633.0, 5539.0, 5478.0, 5363.0, 5350.0, 5632.0, 5697.0, 5675.0, 5409.0, 5644.0, 5558.0, 5333.0, 5380.0, 5533.0, 5402.0, 5346.0, 5265.0, 5331.0, 5339.0 (number of hits: 4)
7	5280	9	1	333	1	5385.0, 5376.0, 5467.0, 5483.0, 5492.0, 5633.0, 5660.0, 5670.0, 5386.0, 5649.0, 5537.0, 5622.0, 5700.0, 5531.0, 5454.0, 5270.0, 5392.0, 5422.0, 5719.0, 5494.0, 5299.0, 5433.0, 5271.0, 5615.0, 5285.0, 5589.0, 5671.0, 5693.0, 5657.0, 5480.0, 5252.0, 5644.0, 5610.0, 5424.0, 5654.0, 5450.0, 5438.0, 5464.0, 5602.0, 5547.0, 5584.0, 5465.0, 5461.0, 5571.0, 5258.0, 5310.0, 5616.0, 5555.0, 5608.0, 5510.0, 5577.0, 5410.0, 5564.0, 5389.0, 5505.0, 5545.0, 5623.0, 5672.0, 5340.0, 5326.0, 5568.0, 5420.0, 5322.0, 5664.0, 5720.0, 5508.0, 5642.0, 5696.0, 5452.0, 5618.0, 5666.0, 5631.0, 5514.0, 5298.0, 5495.0, 5572.0, 5478.0, 5575.0, 5336.0, 5407.0, 5415.0, 5698.0, 5275.0, 5667.0, 5287.0, 5379.0, 5444.0, 5694.0, 5434.0, 5723.0, 5329.0, 5384.0, 5300.0, 5332.0, 5691.0, 5462.0, 5413.0, 5292.0, 5542.0, 5613.0 (number of hits: 5)
8	5280	9	1	333	1	5291.0, 5573.0, 5544.0, 5534.0, 5663.0, 5560.0, 5466.0, 5565.0, 5647.0, 5353.0, 5375.0, 5403.0, 5431.0, 5605.0, 5603.0, 5334.0, 5700.0, 5429.0, 5335.0, 5427.0, 5440.0, 5413.0, 5295.0, 5300.0, 5472.0, 5289.0, 5509.0, 5581.0, 5416.0, 5546.0, 5649.0, 5505.0, 5574.0, 5508.0, 5524.0, 5587.0, 5716.0, 5426.0, 5379.0, 5653.0, 5645.0, 5475.0, 5456.0, 5272.0, 5556.0, 5660.0, 5283.0, 5648.0, 5635.0, 5297.0, 5304.0, 5571.0, 5477.0, 5613.0, 5265.0, 5531.0, 5425.0, 5684.0, 5550.0, 5597.0, 5646.0, 5451.0, 5557.0, 5251.0, 5493.0, 5533.0, 5543.0, 5360.0, 5470.0, 5380.0, 5362.0, 5656.0, 5276.0, 5450.0, 5390.0, 5621.0, 5317.0, 5522.0, 5697.0, 5266.0, 5344.0, 5568.0, 5704.0, 5347.0, 5488.0, 5358.0, 5718.0, 5578.0, 5679.0, 5385.0, 5691.0, 5305.0, 5458.0, 5367.0, 5301.0, 5715.0, 5414.0, 5598.0, 5328.0, 5397.0 (number of hits: 4)
9	5280	9	1	333	1	5722.0, 5652.0, 5678.0, 5466.0, 5472.0, 5381.0, 5498.0, 5574.0, 5526.0, 5700.0, 5390.0, 5712.0, 5600.0, 5691.0, 5524.0,

						5634.0, 5344.0, 5425.0, 5665.0, 5459.0, 5491.0, 5614.0, 5426.0, 5707.0, 5605.0, 5717.0, 5309.0, 5368.0, 5444.0, 5281.0, 5454.0, 5704.0, 5558.0, 5434.0, 5624.0, 5367.0, 5274.0, 5323.0, 5520.0, 5703.0, 5476.0, 5377.0, 5515.0, 5701.0, 5345.0, 5611.0, 5384.0, 5663.0, 5677.0, 5721.0, 5509.0, 5603.0, 5533.0, 5387.0, 5352.0, 5275.0, 5695.0, 5516.0, 5333.0, 5687.0, 5442.0, 5523.0, 5443.0, 5567.0, 5651.0, 5279.0, 5407.0, 5673.0, 5475.0, 5702.0, 5412.0, 5656.0, 5639.0, 5394.0, 5355.0, 5646.0, 5305.0, 5607.0, 5547.0, 5617.0, 5431.0, 5608.0, 5286.0, 5263.0, 5655.0, 5380.0, 5331.0, 5483.0, 5481.0, 5672.0, 5538.0, 5598.0, 5681.0, 5308.0, 5316.0, 5657.0, 5398.0, 5295.0, 5375.0, 5395.0 (number of hits: 5)
10	5280	9	1	333	1	5495.0, 5433.0, 5480.0, 5359.0, 5549.0, 5686.0, 5329.0, 5423.0, 5321.0, 5429.0, 5619.0, 5502.0, 5460.0, 5703.0, 5641.0, 5565.0, 5475.0, 5426.0, 5624.0, 5694.0, 5521.0, 5526.0, 5447.0, 5274.0, 5449.0, 5484.0, 5404.0, 5456.0, 5350.0, 5530.0, 5488.0, 5464.0, 5601.0, 5723.0, 5677.0, 5457.0, 5269.0, 5639.0, 5417.0, 5384.0, 5394.0, 5397.0, 5424.0, 5551.0, 5697.0, 5268.0, 5348.0, 5364.0, 5483.0, 5467.0, 5338.0, 5724.0, 5525.0, 5708.0, 5493.0, 5482.0, 5263.0, 5676.0, 5547.0, 5698.0, 5627.0, 5435.0, 5487.0, 5349.0, 5510.0, 5712.0, 5647.0, 5323.0, 5333.0, 5312.0, 5451.0, 5616.0, 5628.0, 5570.0, 5571.0, 5632.0, 5513.0, 5541.0, 5346.0, 5343.0, 5596.0, 5520.0, 5368.0, 5509.0, 5365.0, 5491.0, 5622.0, 5472.0, 5534.0, 5377.0, 5361.0, 5265.0, 5301.0, 5405.0, 5355.0, 5569.0, 5674.0, 5450.0, 5567.0, 5305.0 (number of hits: 1)
11	5280	9	1	333	1	5558.0, 5347.0, 5299.0, 5645.0, 5325.0, 5376.0, 5258.0, 5664.0, 5667.0, 5718.0, 5505.0, 5670.0, 5339.0, 5681.0, 5689.0, 5473.0, 5564.0, 5298.0, 5474.0, 5467.0, 5654.0, 5287.0, 5672.0, 5265.0, 5346.0, 5508.0, 5337.0, 5679.0, 5537.0, 5434.0, 5344.0, 5359.0, 5454.0, 5471.0, 5625.0, 5282.0, 5611.0, 5272.0, 5616.0, 5441.0, 5288.0, 5470.0, 5720.0, 5302.0, 5506.0, 5502.0, 5516.0, 5311.0, 5571.0, 5468.0, 5566.0, 5252.0, 5446.0, 5529.0, 5700.0, 5369.0, 5590.0, 5370.0, 5263.0, 5273.0, 5499.0, 5331.0, 5496.0, 5295.0, 5318.0, 5362.0, 5459.0, 5613.0, 5634.0, 5663.0, 5630.0, 5289.0, 5638.0, 5673.0, 5579.0, 5457.0, 5714.0, 5519.0, 5323.0, 5367.0, 5528.0, 5493.0, 5715.0, 5583.0, 5620.0, 5349.0, 5443.0, 5417.0, 5432.0, 5721.0, 5561.0, 5559.0, 5383.0, 5294.0, 5355.0, 5270.0, 5569.0, 5292.0, 5251.0, 5492.0

						(number of hits: 7)
12	5280	9	1	333	1	5540.0, 5642.0, 5326.0, 5402.0, 5676.0, 5363.0, 5658.0, 5291.0, 5449.0, 5627.0, 5596.0, 5406.0, 5300.0, 5709.0, 5561.0, 5519.0, 5693.0, 5467.0, 5632.0, 5379.0, 5672.0, 5629.0, 5719.0, 5275.0, 5667.0, 5371.0, 5505.0, 5361.0, 5327.0, 5597.0, 5319.0, 5575.0, 5427.0, 5272.0, 5303.0, 5535.0, 5349.0, 5546.0, 5342.0, 5285.0, 5636.0, 5486.0, 5339.0, 5501.0, 5343.0, 5391.0, 5656.0, 5383.0, 5364.0, 5442.0, 5278.0, 5544.0, 5582.0, 5412.0, 5694.0, 5623.0, 5655.0, 5691.0, 5640.0, 5389.0, 5271.0, 5424.0, 5712.0, 5542.0, 5258.0, 5554.0, 5715.0, 5250.0, 5651.0, 5408.0, 5431.0, 5479.0, 5428.0, 5702.0, 5456.0, 5506.0, 5280.0, 5488.0, 5646.0, 5264.0, 5273.0, 5377.0, 5652.0, 5687.0, 5577.0, 5439.0, 5461.0, 5302.0, 5515.0, 5688.0, 5598.0, 5257.0, 5613.0, 5497.0, 5290.0, 5436.0, 5498.0, 5351.0, 5593.0, 5282.0 (number of hits: 8)
13	5280	9	1	333	1	5446.0, 5409.0, 5634.0, 5670.0, 5256.0, 5254.0, 5346.0, 5441.0, 5273.0, 5702.0, 5413.0, 5710.0, 5430.0, 5619.0, 5339.0, 5529.0, 5274.0, 5289.0, 5438.0, 5622.0, 5566.0, 5579.0, 5451.0, 5350.0, 5294.0, 5714.0, 5357.0, 5394.0, 5366.0, 5659.0, 5362.0, 5427.0, 5485.0, 5688.0, 5296.0, 5698.0, 5589.0, 5295.0, 5544.0, 5494.0, 5585.0, 5681.0, 5279.0, 5475.0, 5487.0, 5615.0, 5591.0, 5283.0, 5333.0, 5421.0, 5646.0, 5576.0, 5395.0, 5605.0, 5531.0, 5705.0, 5491.0, 5466.0, 5418.0, 5507.0, 5715.0, 5313.0, 5542.0, 5570.0, 5694.0, 5607.0, 5359.0, 5435.0, 5664.0, 5467.0, 5562.0, 5383.0, 5523.0, 5322.0, 5334.0, 5407.0, 5527.0, 5642.0, 5508.0, 5404.0, 5567.0, 5509.0, 5280.0, 5502.0, 5543.0, 5704.0, 5420.0, 5574.0, 5580.0, 5602.0, 5302.0, 5307.0, 5513.0, 5251.0, 5700.0, 5723.0, 5501.0, 5614.0, 5713.0, 5423.0 (number of hits: 6)
14	5280	9	1	333	1	5278.0, 5706.0, 5423.0, 5629.0, 5266.0, 5584.0, 5518.0, 5582.0, 5341.0, 5436.0, 5592.0, 5710.0, 5320.0, 5338.0, 5298.0, 5689.0, 5479.0, 5322.0, 5348.0, 5386.0, 5683.0, 5263.0, 5460.0, 5488.0, 5275.0, 5705.0, 5430.0, 5357.0, 5415.0, 5353.0, 5468.0, 5556.0, 5452.0, 5700.0, 5331.0, 5657.0, 5698.0, 5597.0, 5631.0, 5666.0, 5617.0, 5669.0, 5321.0, 5618.0, 5567.0, 5509.0, 5656.0, 5293.0, 5604.0, 5565.0, 5513.0, 5708.0, 5687.0, 5498.0, 5472.0, 5500.0, 5651.0, 5370.0, 5573.0, 5658.0, 5292.0, 5614.0, 5258.0, 5310.0, 5361.0, 5311.0, 5251.0, 5379.0, 5478.0, 5711.0, 5665.0, 5578.0, 5636.0, 5579.0, 5606.0, 5494.0, 5324.0, 5588.0, 5574.0, 5355.0,

						5446.0, 5481.0, 5633.0, 5673.0, 5265.0, 5563.0, 5507.0, 5482.0, 5418.0, 5539.0, 5456.0, 5268.0, 5554.0, 5714.0, 5328.0, 5607.0, 5583.0, 5497.0, 5548.0, 5426.0 (number of hits: 2)
15	5280	9	1	333	1	5686.0, 5590.0, 5349.0, 5258.0, 5510.0, 5309.0, 5499.0, 5381.0, 5385.0, 5617.0, 5278.0, 5584.0, 5351.0, 5260.0, 5322.0, 5572.0, 5534.0, 5324.0, 5280.0, 5300.0, 5267.0, 5602.0, 5585.0, 5494.0, 5640.0, 5365.0, 5705.0, 5703.0, 5535.0, 5592.0, 5598.0, 5436.0, 5593.0, 5681.0, 5550.0, 5274.0, 5361.0, 5473.0, 5276.0, 5684.0, 5517.0, 5632.0, 5478.0, 5687.0, 5387.0, 5420.0, 5700.0, 5335.0, 5549.0, 5341.0, 5418.0, 5683.0, 5605.0, 5603.0, 5288.0, 5265.0, 5446.0, 5476.0, 5454.0, 5475.0, 5427.0, 5543.0, 5452.0, 5502.0, 5262.0, 5413.0, 5312.0, 5254.0, 5620.0, 5562.0, 5269.0, 5721.0, 5600.0, 5546.0, 5493.0, 5662.0, 5470.0, 5722.0, 5393.0, 5295.0, 5252.0, 5296.0, 5659.0, 5347.0, 5329.0, 5654.0, 5697.0, 5290.0, 5569.0, 5479.0, 5358.0, 5354.0, 5299.0, 5610.0, 5519.0, 5294.0, 5400.0, 5432.0, 5612.0, 5597.0 (number of hits: 5)
16	5280	9	1	333	1	5390.0, 5337.0, 5278.0, 5290.0, 5590.0, 5550.0, 5392.0, 5720.0, 5465.0, 5690.0, 5267.0, 5532.0, 5613.0, 5387.0, 5346.0, 5665.0, 5555.0, 5314.0, 5378.0, 5265.0, 5527.0, 5461.0, 5711.0, 5621.0, 5494.0, 5296.0, 5302.0, 5437.0, 5340.0, 5677.0, 5680.0, 5471.0, 5557.0, 5668.0, 5654.0, 5635.0, 5544.0, 5655.0, 5490.0, 5464.0, 5274.0, 5498.0, 5276.0, 5476.0, 5330.0, 5355.0, 5618.0, 5431.0, 5352.0, 5670.0, 5336.0, 5516.0, 5545.0, 5562.0, 5363.0, 5678.0, 5357.0, 5456.0, 5320.0, 5312.0, 5399.0, 5686.0, 5519.0, 5642.0, 5716.0, 5338.0, 5717.0, 5567.0, 5455.0, 5506.0, 5369.0, 5310.0, 5396.0, 5684.0, 5705.0, 5326.0, 5722.0, 5589.0, 5475.0, 5481.0, 5537.0, 5601.0, 5450.0, 5507.0, 5297.0, 5295.0, 5376.0, 5254.0, 5324.0, 5528.0, 5709.0, 5523.0, 5651.0, 5321.0, 5547.0, 5703.0, 5331.0, 5706.0, 5641.0, 5289.0 (number of hits: 4)
17	5280	9	1	333	1	5252.0, 5508.0, 5415.0, 5328.0, 5569.0, 5308.0, 5587.0, 5576.0, 5632.0, 5288.0, 5258.0, 5488.0, 5652.0, 5442.0, 5647.0, 5377.0, 5359.0, 5630.0, 5689.0, 5530.0, 5679.0, 5489.0, 5428.0, 5332.0, 5545.0, 5498.0, 5430.0, 5504.0, 5339.0, 5522.0, 5306.0, 5453.0, 5320.0, 5539.0, 5317.0, 5283.0, 5672.0, 5670.0, 5311.0, 5567.0, 5273.0, 5287.0, 5637.0, 5313.0, 5264.0, 5591.0, 5715.0, 5646.0, 5418.0, 5458.0, 5513.0, 5482.0, 5657.0, 5340.0, 5552.0, 5455.0, 5577.0, 5716.0, 5537.0, 5379.0,

						5389.0, 5385.0, 5251.0, 5433.0, 5686.0, 5586.0, 5351.0, 5396.0, 5610.0, 5519.0, 5492.0, 5404.0, 5566.0, 5570.0, 5635.0, 5628.0, 5412.0, 5477.0, 5505.0, 5269.0, 5371.0, 5344.0, 5704.0, 5253.0, 5526.0, 5286.0, 5407.0, 5688.0, 5690.0, 5471.0, 5451.0, 5334.0, 5393.0, 5706.0, 5568.0, 5267.0, 5392.0, 5547.0, 5580.0, 5599.0 (number of hits: 5)
18	5280	9	1	333	1	5462.0, 5396.0, 5328.0, 5444.0, 5690.0, 5273.0, 5312.0, 5446.0, 5640.0, 5511.0, 5304.0, 5597.0, 5368.0, 5299.0, 5282.0, 5606.0, 5514.0, 5501.0, 5531.0, 5516.0, 5262.0, 5545.0, 5302.0, 5723.0, 5454.0, 5383.0, 5449.0, 5579.0, 5323.0, 5544.0, 5527.0, 5447.0, 5552.0, 5416.0, 5272.0, 5682.0, 5256.0, 5417.0, 5647.0, 5461.0, 5550.0, 5631.0, 5571.0, 5681.0, 5633.0, 5543.0, 5676.0, 5684.0, 5347.0, 5708.0, 5710.0, 5563.0, 5603.0, 5709.0, 5377.0, 5683.0, 5352.0, 5646.0, 5466.0, 5688.0, 5287.0, 5360.0, 5410.0, 5487.0, 5420.0, 5421.0, 5341.0, 5653.0, 5295.0, 5357.0, 5624.0, 5582.0, 5497.0, 5278.0, 5660.0, 5335.0, 5574.0, 5338.0, 5716.0, 5512.0, 5288.0, 5340.0, 5269.0, 5632.0, 5705.0, 5701.0, 5549.0, 5540.0, 5362.0, 5397.0, 5548.0, 5369.0, 5556.0, 5689.0, 5373.0, 5329.0, 5285.0, 5539.0, 5629.0, 5316.0 (number of hits: 7)
19	5280	9	1	333	1	5450.0, 5600.0, 5665.0, 5254.0, 5619.0, 5546.0, 5301.0, 5717.0, 5373.0, 5503.0, 5572.0, 5328.0, 5286.0, 5551.0, 5421.0, 5684.0, 5456.0, 5319.0, 5714.0, 5639.0, 5321.0, 5403.0, 5271.0, 5664.0, 5417.0, 5425.0, 5331.0, 5389.0, 5536.0, 5335.0, 5589.0, 5326.0, 5283.0, 5522.0, 5278.0, 5615.0, 5680.0, 5597.0, 5359.0, 5601.0, 5487.0, 5554.0, 5430.0, 5307.0, 5370.0, 5525.0, 5407.0, 5576.0, 5420.0, 5531.0, 5324.0, 5504.0, 5258.0, 5663.0, 5678.0, 5593.0, 5656.0, 5509.0, 5462.0, 5396.0, 5510.0, 5340.0, 5269.0, 5618.0, 5677.0, 5563.0, 5255.0, 5683.0, 5594.0, 5490.0, 5585.0, 5660.0, 5401.0, 5694.0, 5571.0, 5461.0, 5720.0, 5648.0, 5524.0, 5458.0, 5519.0, 5274.0, 5713.0, 5310.0, 5695.0, 5542.0, 5716.0, 5552.0, 5595.0, 5345.0, 5397.0, 5394.0, 5358.0, 5279.0, 5645.0, 5669.0, 5532.0, 5609.0, 5292.0, 5363.0 (number of hits: 6)
20	5280	9	1	333	1	5416.0, 5555.0, 5672.0, 5295.0, 5312.0, 5681.0, 5347.0, 5498.0, 5631.0, 5349.0, 5530.0, 5593.0, 5336.0, 5507.0, 5550.0, 5473.0, 5485.0, 5499.0, 5492.0, 5444.0, 5722.0, 5602.0, 5546.0, 5581.0, 5370.0, 5661.0, 5576.0, 5472.0, 5538.0, 5264.0, 5623.0, 5545.0, 5575.0, 5675.0, 5460.0, 5493.0, 5399.0, 5348.0, 5255.0, 5398.0,

						5408.0, 5542.0, 5353.0, 5363.0, 5436.0, 5360.0, 5502.0, 5464.0, 5488.0, 5271.0, 5692.0, 5636.0, 5650.0, 5352.0, 5391.0, 5382.0, 5719.0, 5556.0, 5483.0, 5418.0, 5337.0, 5450.0, 5319.0, 5341.0, 5466.0, 5567.0, 5435.0, 5359.0, 5686.0, 5280.0, 5369.0, 5297.0, 5642.0, 5660.0, 5475.0, 5462.0, 5640.0, 5554.0, 5328.0, 5490.0, 5358.0, 5267.0, 5304.0, 5385.0, 5334.0, 5643.0, 5712.0, 5709.0, 5606.0, 5262.0, 5311.0, 5445.0, 5663.0, 5706.0, 5503.0, 5696.0, 5612.0, 5517.0, 5308.0, 5269.0 (number of hits: 2)
21	5280	9	1	333	1	5559.0, 5296.0, 5681.0, 5254.0, 5605.0, 5461.0, 5540.0, 5462.0, 5490.0, 5448.0, 5434.0, 5608.0, 5256.0, 5537.0, 5261.0, 5427.0, 5322.0, 5528.0, 5623.0, 5677.0, 5636.0, 5649.0, 5622.0, 5334.0, 5400.0, 5665.0, 5530.0, 5628.0, 5345.0, 5513.0, 5691.0, 5663.0, 5583.0, 5371.0, 5661.0, 5358.0, 5489.0, 5639.0, 5501.0, 5282.0, 5325.0, 5309.0, 5685.0, 5336.0, 5441.0, 5697.0, 5595.0, 5573.0, 5364.0, 5551.0, 5534.0, 5701.0, 5446.0, 5609.0, 5266.0, 5480.0, 5263.0, 5506.0, 5350.0, 5557.0, 5659.0, 5606.0, 5720.0, 5429.0, 5359.0, 5404.0, 5284.0, 5668.0, 5362.0, 5291.0, 5472.0, 5458.0, 5323.0, 5376.0, 5409.0, 5496.0, 5449.0, 5667.0, 5710.0, 5303.0, 5474.0, 5712.0, 5626.0, 5375.0, 5470.0, 5515.0, 5422.0, 5599.0, 5370.0, 5572.0, 5548.0, 5700.0, 5275.0, 5436.0, 5314.0, 5251.0, 5684.0, 5471.0, 5346.0, 5456.0 (number of hits: 3)
22	5280	9	1	333	1	5706.0, 5304.0, 5464.0, 5560.0, 5600.0, 5605.0, 5721.0, 5389.0, 5326.0, 5656.0, 5681.0, 5411.0, 5254.0, 5531.0, 5419.0, 5291.0, 5644.0, 5331.0, 5334.0, 5546.0, 5640.0, 5283.0, 5361.0, 5572.0, 5581.0, 5288.0, 5635.0, 5356.0, 5337.0, 5317.0, 5420.0, 5460.0, 5446.0, 5565.0, 5252.0, 5379.0, 5423.0, 5658.0, 5384.0, 5290.0, 5438.0, 5454.0, 5313.0, 5320.0, 5450.0, 5699.0, 5388.0, 5276.0, 5661.0, 5319.0, 5664.0, 5570.0, 5273.0, 5395.0, 5452.0, 5378.0, 5506.0, 5499.0, 5348.0, 5404.0, 5677.0, 5490.0, 5612.0, 5474.0, 5336.0, 5526.0, 5510.0, 5376.0, 5377.0, 5263.0, 5695.0, 5608.0, 5403.0, 5602.0, 5488.0, 5346.0, 5311.0, 5701.0, 5390.0, 5382.0, 5332.0, 5630.0, 5367.0, 5598.0, 5431.0, 5321.0, 5504.0, 5408.0, 5671.0, 5563.0, 5680.0, 5406.0, 5577.0, 5684.0, 5685.0, 5672.0, 5458.0, 5535.0, 5422.0, 5357.0 (number of hits: 4)
23	5280	9	1	333	1	5663.0, 5340.0, 5694.0, 5631.0, 5382.0, 5593.0, 5590.0, 5361.0, 5611.0, 5356.0, 5370.0, 5532.0, 5693.0, 5571.0, 5309.0, 5290.0, 5690.0, 5334.0, 5621.0, 5314.0,

						5298.0, 5375.0, 5479.0, 5261.0, 5391.0, 5510.0, 5339.0, 5540.0, 5632.0, 5293.0, 5543.0, 5648.0, 5636.0, 5675.0, 5613.0, 5710.0, 5523.0, 5335.0, 5436.0, 5377.0, 5394.0, 5628.0, 5362.0, 5691.0, 5534.0, 5428.0, 5345.0, 5306.0, 5581.0, 5683.0, 5501.0, 5695.0, 5720.0, 5431.0, 5333.0, 5517.0, 5427.0, 5448.0, 5336.0, 5379.0, 5669.0, 5312.0, 5645.0, 5304.0, 5537.0, 5311.0, 5390.0, 5716.0, 5463.0, 5385.0, 5327.0, 5704.0, 5403.0, 5589.0, 5253.0, 5522.0, 5682.0, 5400.0, 5270.0, 5328.0, 5562.0, 5622.0, 5490.0, 5598.0, 5383.0, 5355.0, 5411.0, 5486.0, 5641.0, 5350.0, 5444.0, 5365.0, 5251.0, 5698.0, 5343.0, 5680.0, 5412.0, 5250.0, 5480.0, 5287.0 (number of hits: 2)
24	5280	9	1	333	1	5699.0, 5470.0, 5676.0, 5535.0, 5322.0, 5568.0, 5505.0, 5260.0, 5614.0, 5481.0, 5560.0, 5548.0, 5661.0, 5720.0, 5476.0, 5561.0, 5259.0, 5618.0, 5374.0, 5473.0, 5267.0, 5353.0, 5640.0, 5265.0, 5715.0, 5565.0, 5309.0, 5521.0, 5313.0, 5279.0, 5468.0, 5664.0, 5621.0, 5278.0, 5385.0, 5280.0, 5450.0, 5474.0, 5338.0, 5344.0, 5325.0, 5554.0, 5616.0, 5648.0, 5458.0, 5270.0, 5422.0, 5326.0, 5683.0, 5366.0, 5447.0, 5605.0, 5507.0, 5526.0, 5602.0, 5301.0, 5552.0, 5514.0, 5386.0, 5442.0, 5547.0, 5630.0, 5467.0, 5469.0, 5475.0, 5437.0, 5635.0, 5673.0, 5654.0, 5679.0, 5697.0, 5702.0, 5452.0, 5668.0, 5617.0, 5408.0, 5371.0, 5681.0, 5542.0, 5708.0, 5536.0, 5558.0, 5412.0, 5660.0, 5591.0, 5578.0, 5427.0, 5711.0, 5441.0, 5509.0, 5403.0, 5262.0, 5719.0, 5562.0, 5544.0, 5455.0, 5545.0, 5466.0, 5319.0, 5694.0 (number of hits: 4)
25	5280	9	1	333	1	5528.0, 5714.0, 5601.0, 5676.0, 5499.0, 5598.0, 5606.0, 5689.0, 5650.0, 5665.0, 5527.0, 5421.0, 5491.0, 5459.0, 5534.0, 5653.0, 5266.0, 5435.0, 5672.0, 5256.0, 5484.0, 5539.0, 5403.0, 5563.0, 5395.0, 5408.0, 5609.0, 5702.0, 5529.0, 5462.0, 5580.0, 5542.0, 5297.0, 5695.0, 5579.0, 5634.0, 5472.0, 5658.0, 5362.0, 5413.0, 5564.0, 5549.0, 5260.0, 5482.0, 5253.0, 5328.0, 5290.0, 5299.0, 5443.0, 5622.0, 5464.0, 5343.0, 5310.0, 5431.0, 5691.0, 5280.0, 5391.0, 5608.0, 5554.0, 5412.0, 5370.0, 5285.0, 5426.0, 5479.0, 5722.0, 5623.0, 5346.0, 5626.0, 5305.0, 5671.0, 5393.0, 5568.0, 5449.0, 5645.0, 5457.0, 5488.0, 5502.0, 5369.0, 5411.0, 5587.0, 5628.0, 5638.0, 5666.0, 5352.0, 5424.0, 5707.0, 5570.0, 5341.0, 5396.0, 5385.0, 5419.0, 5699.0, 5358.0, 5372.0, 5566.0, 5512.0, 5571.0, 5327.0, 5320.0, 5565.0 (number of hits: 2)

26	5280	9	1	333	1	5583.0, 5548.0, 5653.0, 5559.0, 5526.0, 5501.0, 5651.0, 5624.0, 5558.0, 5530.0, 5423.0, 5411.0, 5408.0, 5509.0, 5407.0, 5297.0, 5295.0, 5582.0, 5311.0, 5611.0, 5677.0, 5552.0, 5334.0, 5621.0, 5502.0, 5400.0, 5463.0, 5296.0, 5658.0, 5507.0, 5541.0, 5575.0, 5462.0, 5258.0, 5618.0, 5623.0, 5445.0, 5520.0, 5636.0, 5371.0, 5692.0, 5341.0, 5293.0, 5694.0, 5389.0, 5351.0, 5489.0, 5660.0, 5527.0, 5470.0, 5698.0, 5568.0, 5542.0, 5699.0, 5355.0, 5678.0, 5642.0, 5585.0, 5270.0, 5506.0, 5538.0, 5414.0, 5288.0, 5393.0, 5676.0, 5703.0, 5443.0, 5691.0, 5709.0, 5475.0, 5410.0, 5580.0, 5317.0, 5338.0, 5429.0, 5484.0, 5352.0, 5303.0, 5372.0, 5265.0, 5567.0, 5539.0, 5473.0, 5272.0, 5260.0, 5434.0, 5330.0, 5704.0, 5532.0, 5455.0, 5497.0, 5362.0, 5654.0, 5687.0, 5460.0, 5540.0, 5321.0, 5405.0, 5554.0, 5450.0 (number of hits: 3)
27	5280	9	1	333	1	5265.0, 5351.0, 5603.0, 5280.0, 5468.0, 5450.0, 5278.0, 5713.0, 5281.0, 5519.0, 5349.0, 5273.0, 5551.0, 5430.0, 5586.0, 5552.0, 5710.0, 5606.0, 5641.0, 5636.0, 5473.0, 5289.0, 5692.0, 5508.0, 5631.0, 5690.0, 5547.0, 5617.0, 5676.0, 5431.0, 5492.0, 5337.0, 5374.0, 5621.0, 5609.0, 5385.0, 5279.0, 5528.0, 5518.0, 5546.0, 5407.0, 5632.0, 5593.0, 5653.0, 5709.0, 5538.0, 5526.0, 5687.0, 5365.0, 5722.0, 5454.0, 5481.0, 5554.0, 5515.0, 5259.0, 5672.0, 5443.0, 5662.0, 5532.0, 5310.0, 5476.0, 5522.0, 5395.0, 5712.0, 5496.0, 5459.0, 5694.0, 5658.0, 5654.0, 5254.0, 5718.0, 5633.0, 5352.0, 5485.0, 5354.0, 5301.0, 5527.0, 5266.0, 5341.0, 5670.0, 5272.0, 5487.0, 5252.0, 5513.0, 5465.0, 5659.0, 5474.0, 5644.0, 5458.0, 5350.0, 5447.0, 5536.0, 5410.0, 5665.0, 5715.0, 5404.0, 5610.0, 5673.0, 5358.0, 5453.0 (number of hits: 7)
28	5280	9	1	333	1	5664.0, 5276.0, 5691.0, 5623.0, 5620.0, 5342.0, 5395.0, 5624.0, 5474.0, 5584.0, 5717.0, 5443.0, 5350.0, 5608.0, 5375.0, 5609.0, 5377.0, 5665.0, 5295.0, 5534.0, 5578.0, 5556.0, 5415.0, 5510.0, 5360.0, 5345.0, 5302.0, 5621.0, 5311.0, 5650.0, 5481.0, 5580.0, 5514.0, 5622.0, 5254.0, 5384.0, 5410.0, 5586.0, 5321.0, 5649.0, 5521.0, 5357.0, 5519.0, 5703.0, 5432.0, 5464.0, 5477.0, 5505.0, 5438.0, 5423.0, 5420.0, 5312.0, 5601.0, 5709.0, 5547.0, 5568.0, 5549.0, 5414.0, 5488.0, 5708.0, 5462.0, 5652.0, 5508.0, 5444.0, 5379.0, 5500.0, 5449.0, 5376.0, 5406.0, 5541.0, 5606.0, 5480.0, 5266.0, 5326.0, 5613.0, 5513.0, 5627.0, 5563.0, 5543.0, 5399.0, 5330.0, 5683.0, 5250.0, 5660.0, 5277.0,

						5705.0, 5671.0, 5331.0, 5562.0, 5381.0, 5287.0, 5476.0, 5635.0, 5597.0, 5593.0, 5666.0, 5469.0, 5559.0, 5651.0, 5669.0 (number of hits: 3)
29	5280	9	1	333	1	5407.0, 5566.0, 5274.0, 5696.0, 5462.0, 5560.0, 5340.0, 5400.0, 5278.0, 5472.0, 5417.0, 5451.0, 5465.0, 5618.0, 5435.0, 5270.0, 5718.0, 5277.0, 5405.0, 5396.0, 5711.0, 5506.0, 5356.0, 5486.0, 5433.0, 5614.0, 5386.0, 5338.0, 5419.0, 5547.0, 5682.0, 5281.0, 5320.0, 5695.0, 5293.0, 5698.0, 5579.0, 5510.0, 5541.0, 5719.0, 5630.0, 5567.0, 5450.0, 5586.0, 5395.0, 5329.0, 5641.0, 5444.0, 5578.0, 5640.0, 5387.0, 5521.0, 5577.0, 5366.0, 5264.0, 5481.0, 5334.0, 5437.0, 5675.0, 5632.0, 5611.0, 5414.0, 5717.0, 5558.0, 5599.0, 5261.0, 5428.0, 5300.0, 5593.0, 5528.0, 5562.0, 5268.0, 5494.0, 5458.0, 5374.0, 5479.0, 5524.0, 5322.0, 5583.0, 5674.0, 5354.0, 5351.0, 5408.0, 5326.0, 5664.0, 5515.0, 5595.0, 5392.0, 5545.0, 5297.0, 5343.0, 5656.0, 5466.0, 5504.0, 5688.0, 5383.0, 5525.0, 5256.0, 5563.0, 5314.0 (number of hits: 5)
30	5280	9	1	333	1	5253.0, 5251.0, 5714.0, 5266.0, 5634.0, 5420.0, 5701.0, 5479.0, 5390.0, 5663.0, 5396.0, 5525.0, 5648.0, 5301.0, 5550.0, 5333.0, 5689.0, 5643.0, 5438.0, 5676.0, 5457.0, 5350.0, 5609.0, 5675.0, 5308.0, 5481.0, 5392.0, 5370.0, 5621.0, 5576.0, 5491.0, 5258.0, 5572.0, 5261.0, 5486.0, 5331.0, 5459.0, 5573.0, 5553.0, 5690.0, 5564.0, 5503.0, 5472.0, 5607.0, 5693.0, 5416.0, 5542.0, 5523.0, 5484.0, 5460.0, 5625.0, 5323.0, 5338.0, 5397.0, 5375.0, 5659.0, 5441.0, 5699.0, 5337.0, 5565.0, 5309.0, 5597.0, 5664.0, 5430.0, 5530.0, 5443.0, 5458.0, 5555.0, 5562.0, 5670.0, 5300.0, 5635.0, 5400.0, 5343.0, 5519.0, 5579.0, 5673.0, 5418.0, 5668.0, 5284.0, 5373.0, 5518.0, 5434.0, 5288.0, 5570.0, 5722.0, 5660.0, 5703.0, 5259.0, 5466.0, 5504.0, 5653.0, 5294.0, 5304.0, 5401.0, 5353.0, 5687.0, 5516.0, 5581.0, 5593.0 (number of hits: 2)

5580 MHz, 20 MHz Bandwidth

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

Please refer to the following statistical tables:

5580 MHz, 20 MHz Bandwidth

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5580	99	1	538	1
2	5580	86	1	618	1
3	5580	92	1	578	1
4	5580	70	1	758	1
5	5580	57	1	938	1
6	5580	63	1	838	1
7	5580	78	1	678	1
8	5580	67	1	798	1
9	5580	89	1	598	1
10	5580	65	1	818	1
11	5580	74	1	718	1
12	5580	76	1	698	1
13	5580	95	1	558	1
14	5580	62	1	858	1
15	5580	81	1	658	1
16	5580	66	1	802	1
17	5580	25	1	2145	1
18	5580	37	1	1451	1
19	5580	100	1	530	1
20	5580	70	1	762	1
21	5580	20	1	2775	1
22	5580	28	1	1888	1
23	5580	43	1	1247	1
24	5580	18	1	2984	1
25	5580	31	1	1745	1
26	5580	34	1	1599	1
27	5580	36	1	1490	1
28	5580	45	1	1190	1
29	5580	31	1	1751	1
30	5580	38	1	1391	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5580	23	2.5	189	1
2	5580	25	2.3	209	1
3	5580	28	2.5	199	1
4	5580	27	4	204	1
5	5580	29	3.9	205	1
6	5580	25	4.6	166	1
7	5580	26	2.6	194	1
8	5580	29	2.7	173	1
9	5580	24	2.1	193	1
10	5580	26	4.8	172	1
11	5580	26	1.5	218	1
12	5580	26	1.1	154	1
13	5580	25	3.3	194	1
14	5580	26	2	210	1
15	5580	26	1.6	154	1
16	5580	27	1.3	224	1
17	5580	24	1.6	151	1
18	5580	24	1	177	1
19	5580	24	2.1	220	1
20	5580	26	3.3	165	1
21	5580	25	3.1	155	1
22	5580	27	1.7	184	1
23	5580	28	1	227	1
24	5580	27	4.2	160	1
25	5580	26	2.4	222	1
26	5580	27	1.4	183	1
27	5580	25	4.1	192	1
28	5580	28	3.7	195	1
29	5580	28	2.8	218	1
30	5580	23	2.3	187	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5580	18	8.1	363	1
2	5580	17	9.8	325	1
3	5580	16	7.4	297	1
4	5580	17	7.7	407	1
5	5580	18	8.4	256	1
6	5580	18	8.5	309	1
7	5580	17	9	320	1
8	5580	17	9.1	337	1
9	5580	16	6.5	444	1
10	5580	17	6.7	471	1
11	5580	18	8.8	305	1
12	5580	16	9.7	491	1
13	5580	16	6.7	337	1
14	5580	17	9	299	1
15	5580	16	6.9	408	1
16	5580	17	9.2	372	1
17	5580	17	9.8	394	1
18	5580	17	9	492	1
19	5580	17	9.8	280	1
20	5580	18	7.8	383	1
21	5580	17	10	325	1
22	5580	17	8.5	345	1
23	5580	16	6.3	444	1
24	5580	17	9.4	422	1
25	5580	18	6.5	238	1
26	5580	16	7.1	287	1
27	5580	17	7.2	382	1
28	5580	18	9.2	331	1
29	5580	17	6.8	334	1
30	5580	17	9.4	335	1
Detection Percentage: 100 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5580	13	12.3	301	1
2	5580	13	18.9	464	1
3	5580	13	13.9	470	1
4	5580	15	11.8	451	1
5	5580	12	16.3	375	1
6	5580	15	19	217	1
7	5580	13	18.4	306	1
8	5580	15	11.1	214	1
9	5580	15	18.1	475	1
10	5580	14	14.6	340	1
11	5580	14	11.5	255	1
12	5580	14	13.1	310	1
13	5580	13	12.2	481	1
14	5580	12	13.4	443	1
15	5580	13	19.8	363	1
16	5580	16	13.7	290	1
17	5580	16	15.7	484	1
18	5580	15	13.7	270	1
19	5580	13	19.2	299	1
20	5580	12	16.1	423	1
21	5580	12	18.4	251	1
22	5580	14	16.7	267	1
23	5580	13	16.3	214	1
24	5580	15	11.2	480	1
25	5580	14	16.5	398	1
26	5580	15	14.8	301	1
27	5580	15	19.7	226	1
28	5580	15	17.8	293	1
29	5580	15	11.8	242	1
30	5580	15	18	370	1
Detection Percentage: 100 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Bin5 Statistics 1

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	7	70.2	1240		0.661988	1
1	2	17	63.4	1619		2.299149	
2	2	10	80.2	1467		3.783998	
3	1	20	68.9			5.245133	
4	2	13	62.6	1231		5.808978	
5	1	10	61.5			6.896465	
6	2	5	71.6	1102		8.322091	
7	2	14	56.2	1261		9.503125	
8	2	12	99.4	1524		11.815016	

Bin5 Statistics 2

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	7	69.1	1464		0.299419	1
1	3	15	57.4	1767	1527	1.224824	
2	1	18	95			1.334062	
3	3	10	67.9	1058	1581	2.175924	
4	2	8	95.7	1822		3.057544	
5	3	9	89.1	1798	1640	3.839436	
6	2	11	68.9	1524		4.274976	
7	2	9	82.3	1710		5.037674	
8	3	16	73.5	1897	1286	5.557602	
9	3	14	64.9	1412	1317	6.333279	
10	2	11	74.4	1813		7.009236	
11	3	11	97.3	1717	1465	7.507834	
12	2	18	80.8	1283		8.061042	
13	2	16	80.7	1969		9.313798	
14	2	14	73.1	1327		9.933136	
15	1	9	93.7			10.644524	
16	2	11	98.6	1747		10.882266	
17	1	18	99.5			11.928718	

Bin5 Statistics 3

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	16	85.9	1709		0.081773	
1	2	16	95.2	1735		0.774325	
2	3	13	58.7	1880	1401	1.646314	
3	2	16	75.1	1674		2.495859	
4	2	7	71.6	1503		2.670845	
5	2	5	67.6	1213		3.188726	
6	2	6	69.1	1014		4.128608	
7	2	8	60	1262		4.490713	
8	3	20	75.5	1370	1167	5.617769	
9	3	15	80.2	1239	1716	5.804529	1
10	2	14	79.1	1283		6.818918	
11	1	15	84.2			7.270502	
12	2	11	73.4	1837		8.135967	
13	1	19	72.2			8.375627	
14	2	14	78	1284		9.000758	
15	2	18	98.4	1656		9.582162	
16	3	20	76.6	1831	1407	10.361816	
17	1	16	91.2			11.222353	
18	1	5	96.3			11.499692	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	64.3			0.937766	
1	2	7	83.7	1677		1.272035	
2	1	16	70.3			2.619967	
3	3	18	92.6	1698	1298	4.268401	
4	2	18	95.7	1322		5.356322	1
5	1	15	66.7			7.034603	
6	3	14	57.5	1416	1524	8.11326	
7	3	17	77.6	1324	1364	8.939244	
8	2	10	53.2	1320		9.710217	
9	3	16	70.9	1195	1982	11.633758	

Bin5 Statistics 5

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	12	86.7	1343	1013	0.231033	
1	2	16	88.8	1560		1.219823	
2	2	19	92.2	1061		1.859401	
3	1	13	65.1			2.339215	
4	1	6	73.8			2.946443	
5	3	15	97.1	1927	1461	4.058571	
6	2	6	51.8	1815		4.236445	
7	2	19	96.2	1699		5.233221	
8	2	9	79.6	1187		6.010966	1
9	2	10	56.6	1364		6.819526	
10	2	10	92.3	1314		7.494403	
11	3	10	59.1	1299	1529	8.074676	
12	3	15	79.6	1435	1809	9.131519	
13	2	9	61.8	1182		9.56551	
14	2	19	95.1	1261		10.50185	
15	3	10	59.2	1603	1413	11.28342	
16	3	11	97	1053	1598	11.40818	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	98.8			0.032573	
1	1	10	95.8			1.242811	
2	3	8	93.5	1217	1554	1.773979	
3	3	9	71	1210	1035	2.775144	
4	2	14	94.1	1917		3.66205	
5	2	16	93	1137		4.064669	
6	1	19	57			5.138873	
7	2	10	57.6	1254		5.90232	
8	1	11	85.8			6.032805	1
9	1	10	73.3			7.200174	
10	1	9	51.8			8.05337	
11	1	11	91.8			8.557826	
12	2	13	71	1342		9.695512	
13	3	20	83.3	1610	1584	10.20257	
14	3	15	97.5	1543	1268	11.118012	
15	3	13	73.7	1262	1058	11.787426	

Bin5 Statistics 7

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	17	61.7	1528		0.1272	1
1	3	17	84	1165	1705	1.921328	
2	2	8	77.9	1951		2.406734	
3	3	16	87.4	1988	1651	3.216278	
4	2	10	82.6	1016		4.344479	
5	1	17	93.9			5.329756	
6	2	18	89.3	1479		6.782725	
7	3	20	99.8	1014	1829	7.639332	
8	3	12	79.7	1783	1417	8.932484	
9	3	12	70.7	1214	1474	9.518299	
10	1	19	74.2			10.898553	
11	2	15	60.3	1837		11.659026	

Bin5 Statistics 8

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	12	52.1	1699	1434	0.325889	1
1	2	14	94.7	1953		1.392992	
2	1	11	92.9			2.140818	
3	1	9	67.7			2.848126	
4	3	16	99.4	1260	1026	3.214982	
5	3	16	88.3	1852	1636	4.612144	
6	2	12	89.4	1481		5.29557	
7	3	10	87.3	1067	1438	5.91689	
8	3	20	64.8	1788	1066	7.078371	
9	1	10	83.8			7.791671	
10	3	9	56.5	1924	1220	8.233231	
11	2	19	73.6	1186		9.49253	
12	3	18	65.4	1876	1467	9.997311	
13	2	9	79.7	1585		10.617954	
14	2	16	50.6	1312		11.666055	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	80.1			0.24468	
1	2	11	79.1	1022		1.462666	
2	3	19	82.1	1374	1072	2.289191	
3	3	18	65.9	1091	1087	3.919104	
4	3	8	97.3	1461	1065	4.37353	
5	2	17	79.6	1839		5.574805	
6	2	18	52.1	1458		6.714783	1
7	3	18	62	1512	1767	7.481326	
8	3	18	71.9	1651	1486	8.574516	
9	3	9	88	1668	1905	9.080729	
10	2	15	96.7	1812		10.740397	
11	3	19	89.5	1875	1993	11.265534	
0	1	11	80.1			0.24468	

Bin5 Statistics 10

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	69.6	1746		0.276817	
1	2	10	97.8	1460		1.508062	
2	2	11	64.2	1906		3.087171	
3	1	15	95.5			3.757899	
4	1	5	99.8			4.444818	
5	2	14	56.3	1884		6.499481	1
6	2	18	86.2	1375		6.553261	
7	2	9	77.1	1836		8.080128	
8	3	19	67.7	1370	1971	9.025313	
9	1	18	64.5			10.417188	
10	2	20	80	1425		11.155493	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	18	97.2			1.041643	
1	3	10	81.4	1238	1588	2.026953	
2	3	6	67.5	1685	1405	3.167435	
3	3	7	85.2	1687	1106	3.312076	
4	2	14	76.5	1858		4.63064	
5	2	12	68.2	1428		5.990491	1
6	2	8	92.9	1283		6.54786	
7	1	17	93.2			8.052216	
8	1	13	63.6			8.856451	
9	3	17	74.6	1568	1128	10.270093	
10	2	18	60.6	1516		11.492409	

Bin5 Statistics 12

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	17	66.6	1130		0.111465	
1	2	15	65.5	2000		0.8802	
2	2	8	58.8	1852		1.816559	
3	2	6	76.2	1887		2.017535	
4	1	18	82.3			2.943622	
5	3	13	64.2	1040	1634	3.701365	
6	2	19	95.7	1819		4.244347	
7	1	18	80.4			4.683212	
8	2	5	97.9	1269		5.314869	
9	2	17	97.2	1645		5.871315	1
10	2	9	98.7	1691		6.615612	
11	2	9	81.4	1587		6.999144	
12	2	18	70.8	1808		7.832509	
13	2	7	90.4	1290		8.379326	
14	2	8	68.8	1122		9.282495	
15	2	13	77.6	1015		9.679885	
16	1	16	69.5			10.40249	
17	1	18	63.3			11.144582	
18	2	13	50.9	1327		11.926213	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	54.3			0.826109	
1	2	15	60.2	1762		1.267815	
2	2	15	81.9	1950		2.732078	
3	1	10	77.2			3.455386	
4	2	8	64.5	1420		4.464242	
5	2	8	97.1	1996		5.23871	
6	2	18	61.5	1293		5.750073	1
7	3	15	83.1	1401	1198	7.099889	
8	3	14	76	1743	1474	7.718048	
9	2	7	80.3	1072		9.138712	
10	2	6	69.3	1564		9.866402	
11	2	12	88.5	1132		10.350945	
12	1	11	94.1			11.538633	

Bin5 Statistics 14

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	15	99.8	1787	1882	0.870607	
1	1	20	66.1			1.830513	
2	1	18	87.7			2.923885	
3	3	7	65.3	1410	1155	3.656289	
4	1	15	74.7			5.090932	
5	1	15	67			6.34601	1
6	1	8	90.7			6.625585	
7	1	11	72.7			8.000636	
8	2	7	62	1577		8.77763	
9	2	14	50	1858		10.880919	
10	2	8	89	1638		11.510303	

Bin5 Statistics 15

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	74.2	1285		0.837851	
1	1	10	73.1			2.550719	
2	3	5	67.8	1588	1002	3.591415	
3	1	20	56.1			5.185287	
4	1	13	78.1			5.701358	1
5	3	10	77.6	1032	1948	7.095558	
6	3	19	77.4	1278	1046	8.870395	
7	3	17	71.8	1356	1830	10.398741	
8	1	6	97.5			10.731046	

Bin5 Statistics 16

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	12	98.8	1676	1704	0.466311	
1	3	8	76	1860	1299	1.217808	
2	3	12	97.1	1017	1667	2.339411	
3	2	11	82.5	1062		2.883905	
4	2	14	99.8	1602		3.283975	
5	2	11	63.3	1409		4.289878	
6	3	16	87.1	1284	1750	5.503595	
7	3	8	68.4	1499	1316	5.849861	1
8	2	7	82.2	1558		6.805598	
9	3	10	90.1	1664	1201	7.474389	
10	2	15	78.8	1093		8.618844	
11	2	18	65.2	1100		9.527268	
12	2	12	71.3	1202		9.913913	
13	2	19	92.1	1991		10.984076	
14	1	10	53.6			11.460822	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	77			0.450622	1
1	1	20	72.1			0.931982	
2	2	13	55.5	1252		2.387916	
3	2	8	67.7	1317		3.289356	
4	2	9	63.7	1633		4.154911	
5	1	19	98.8			4.293249	
6	3	9	72.4	1435	1815	5.258578	
7	2	19	53	1817		6.173362	
8	3	6	63.7	1185	1018	7.705995	
9	2	18	73.7	1705		8.408387	
10	2	13	71.9	1736		9.291474	
11	2	11	88.7	1798		9.918294	
12	2	14	77.6	1542		10.549557	
13	2	17	72.6	1366		11.171039	

Bin5 Statistics 18

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	8	98.4	1601		0.723858	1
1	3	9	85.4	1339	1872	0.86958	
2	2	13	68.1	1694		2.072281	
3	2	7	58.4	1528		2.250246	
4	2	5	83.3	1778		3.242578	
5	1	5	56.6			4.013375	
6	1	7	81			4.572129	
7	3	20	69.3	1404	1578	5.411745	
8	2	6	77	1970		6.463099	
9	2	18	100	1963		7.370475	
10	3	11	84.1	1467	1028	7.929349	
11	2	13	55	1376		8.659977	
12	2	10	93.2	1188		9.650038	
13	3	8	68.7	1444	1766	10.279883	
14	2	7	75	1854		10.685966	
15	3	11	91.6	1731	1530	11.503404	

Bin5 Statistics 19

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	6	88.6	1006	1287	0.046681	1
1	2	11	80.2	1316		2.00524	
2	2	5	68.5	1687		3.058206	
3	1	6	58.4			4.157471	
4	2	14	70.1	1613		5.116283	
5	2	14	75.9	1926		5.580207	
6	2	5	65.2	1352		7.272175	
7	3	18	70.8	1315	1756	8.563198	
8	2	19	65.7	1509		8.902047	
9	3	8	79.4	1428	1805	10.631196	
10	2	14	72.6	1483		10.981701	

Bin5 Statistics 20

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	6	96.2	1446		0.374316	1
1	1	7	92			2.711875	
2	2	6	84.1	1787		3.633009	
3	2	11	80.7	1381		4.867127	
4	3	8	77.6	1320	1790	6.75467	
5	1	14	95.7			8.420789	
6	2	6	88.9	1091		9.82637	
7	3	19	65.9	1250	1203	10.705972	

Bin5 Statistics 21

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	19	51.9	1386	1373	0.449104	1
1	3	15	99.6	1439	1908	0.822963	
2	1	5	62.7			1.53639	
3	3	17	95	1246	1464	2.02347	
4	3	19	79.1	1566	1211	2.927572	
5	2	15	63.9	1489		3.932268	
6	2	14	97.4	1957		4.200658	
7	2	7	75.3	1710		5.035267	
8	2	12	60.5	1496		5.803234	
9	2	14	70.7	1778		6.170922	
10	2	18	58.3	1549		7.272421	
11	2	13	76.6	1441		7.773174	
12	3	19	94.5	1109	1282	8.060588	
13	1	12	97.1			8.874916	
14	3	13	63.5	1924	1634	9.564732	
15	3	17	79	1684	1849	10.121442	
16	3	12	80.7	1217	1779	11.167808	
17	1	10	56.4			11.620335	

Bin5 Statistics 22

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	11	91.9	1085		0.529953	1
1	2	19	90.9	1474		1.267597	
2	2	20	65.8	1012		1.829414	
3	3	13	93.5	1456	1642	2.510573	
4	2	18	88.6	1211		2.900869	
5	1	7	55			3.953502	
6	2	10	72.8	1750		4.265536	
7	1	20	79.1			5.143407	
8	3	18	52.7	1696	1978	5.600833	
9	1	17	86.2			6.369428	
10	3	6	89.7	1704	1217	6.972932	
11	1	6	98.2			7.706124	
12	1	8	60.1			8.46528	
13	3	12	88.5	1238	1960	8.962176	
14	1	18	82.4			9.894753	
15	3	7	85.6	1482	1765	10.213593	
16	2	18	90.6	1197		11.301701	
17	2	18	54.1	1522		11.65739	

Bin5 Statistics 23

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	14	95.3	1475	1676	0.219421	1
1	3	11	63.5	1090	1663	1.377142	
2	2	6	98.1	1275		2.01149	
3	2	16	55.9	1863		2.523439	
4	1	15	80.6			3.304355	
5	2	9	82.6	1900		3.898135	
6	1	7	99.6			5.024873	
7	2	18	97	1041		5.881777	
8	3	20	90	1070	1152	6.627721	
9	1	8	63			6.829302	
10	2	5	90.1	1625		7.793599	
11	3	6	57.6	1534	1895	8.463617	
12	3	8	60.6	1733	1088	9.363932	
13	3	19	88.1	1039	1542	9.98602	
14	2	8	80.7	1449		11.031335	
15	2	9	70.9	1106		11.660511	

Bin5 Statistics 24

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	9	95.8	1269		0.100518	
1	3	18	87.8	1878	1241	0.815418	
2	2	11	91.5	1727		1.481192	
3	3	16	74.5	1565	1610	2.170098	
4	2	17	67	1325		3.202224	
5	1	6	97.4			3.494843	
6	2	11	95	1358		4.01799	
7	1	5	90.3			4.763342	
8	2	6	94.9	1476		5.502415	1
9	3	8	92.1	1453	1503	6.399167	
10	3	12	92.6	1555	1136	6.715817	
11	2	9	91.2	1851		7.466462	
12	2	11	52.9	1223		8.23205	
13	1	14	81			8.967678	
14	2	16	89.4	1587		9.743546	
15	2	16	63.1	1680		10.258662	
16	2	5	58.3	1801		11.118361	
17	2	10	79.7	1264		11.974518	

Bin5 Statistics 25

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	8	53.8	1759		0.752259	
1	2	8	70.4	1027		1.981717	
2	2	5	56.1	1412		2.775191	
3	2	16	62.9	1547		4.705794	
4	3	5	99.6	1590	1671	5.660925	1
5	2	13	56.6	1448		7.804223	
6	2	8	53.4	1668		8.656508	
7	2	6	88.6	1932		9.564367	
8	2	6	58.6	1567		11.5935	

Bin5 Statistics 26

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	81.2	1221		0.475051	
1	2	11	98.5	1250		1.151602	
2	2	11	74.6	1595		1.296504	
3	2	18	53.9	1784		2.022023	
4	2	18	64.6	1029		2.693909	
5	2	13	83	1196		3.60848	
6	2	14	73.7	1996		4.346143	
7	2	12	60.8	1055		5.010924	
8	2	7	67	1401		5.673331	
9	1	15	86.7			6.141552	1
10	3	7	61.2	1969	1446	6.798343	
11	2	10	98.9	1527		7.522197	
12	3	11	81.1	1363	1369	7.962691	
13	3	19	76.1	1566	1571	8.728826	
14	3	11	88.4	1485	1628	9.180923	
15	2	18	94.2	1360		9.782692	
16	3	9	85.6	1935	1343	10.128952	
17	2	8	81.6	1285		11.147447	
18	1	12	91.4			11.573452	

Bin5 Statistics 27

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	18	52.4	1323	1378	0.394943	
1	3	9	67.2	1174	1924	1.484013	
2	2	7	78.5	1581		2.16083	
3	2	13	59	1735		3.501263	
4	1	11	79.3			3.748853	
5	1	17	65.8			4.870429	
6	1	10	78.3			5.563237	1
7	2	10	67	1823		7.32784	
8	3	15	57.3	1546	1770	7.851025	
9	1	10	82.2			8.625094	
10	3	11	76.7	1161	1955	9.408436	
11	3	13	77.7	1458	1129	10.324736	
12	1	10	78.9			11.906184	

Bin5 Statistics 28

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	8	56.1	1638		0.462158	1
1	3	17	93	1261	1289	2.129934	
2	1	18	90.2			3.129411	
3	2	17	89.5	1188		3.796321	
4	1	17	73.5			4.955599	
5	2	7	92.7	1163		6.595441	
6	3	15	73.6	1215	1499	7.665151	
7	1	19	86.9			8.926147	
8	2	11	91.8	1094		9.690846	
9	3	7	97	1717	1214	11.145646	

Bin5 Statistics 29

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	6	94.5	1467		0.842475	1
1	2	15	87.9	1557		1.414604	
2	2	11	73.1	1631		2.193653	
3	2	20	62.9	1727		3.299909	
4	2	11	96.3	1075		4.836717	
5	1	20	59.4			6.373853	
6	2	19	86.4	1097		7.141533	
7	2	17	66.9	1354		8.450476	
8	1	18	92.9			9.554687	
9	1	19	72			9.887438	
10	3	9	95.3	1186	1053	11.014093	

Bin5 Statistics 30

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	9	95.8	1269		0.100518	1
1	3	18	87.8	1878	1241	0.815418	
2	2	11	91.5	1727		1.481192	
3	3	16	74.5	1565	1610	2.170098	
4	2	17	67	1325		3.202224	
5	1	6	97.4			3.494843	
6	2	11	95	1358		4.01799	
7	1	5	90.3			4.763342	
8	2	6	94.9	1476		5.502415	
9	3	8	92.1	1453	1503	6.399167	
10	3	12	92.6	1555	1136	6.715817	
11	2	9	91.2	1851		7.466462	
12	2	11	52.9	1223		8.23205	
13	1	14	81			8.967678	
14	2	16	89.4	1587		9.743546	
15	2	16	63.1	1680		10.258662	
16	2	5	58.3	1801		11.118361	
17	2	10	79.7	1264		11.974518	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5580	9	1	333	1	5343.0, 5687.0, 5439.0, 5638.0, 5605.0, 5351.0, 5700.0, 5323.0, 5381.0, 5321.0, 5589.0, 5365.0, 5296.0, 5360.0, 5679.0, 5304.0, 5673.0, 5312.0, 5422.0, 5416.0, 5583.0, 5715.0, 5504.0, 5524.0, 5519.0, 5568.0, 5300.0, 5695.0, 5318.0, 5642.0, 5690.0, 5667.0, 5481.0, 5658.0, 5522.0, 5517.0, 5389.0, 5541.0, 5449.0, 5358.0, 5367.0, 5513.0, 5288.0, 5531.0, 5270.0, 5636.0, 5511.0, 5507.0, 5263.0, 5703.0, 5585.0, 5427.0, 5537.0, 5619.0, 5613.0, 5261.0, 5474.0, 5477.0, 5705.0, 5686.0, 5496.0, 5722.0, 5383.0, 5324.0, 5276.0, 5689.0, 5492.0, 5556.0, 5486.0, 5398.0, 5592.0, 5306.0, 5390.0, 5637.0, 5295.0, 5400.0, 5404.0, 5510.0, 5305.0, 5395.0, 5659.0, 5341.0, 5584.0, 5425.0, 5310.0, 5375.0, 5712.0, 5500.0, 5472.0, 5440.0, 5570.0, 5257.0, 5532.0, 5525.0, 5497.0, 5362.0, 5374.0, 5289.0, 5596.0, 5438.0 (number of hits: 4)
2	5580	9	1	333	1	5583.0, 5637.0, 5629.0, 5372.0, 5502.0, 5357.0, 5463.0, 5443.0, 5512.0, 5581.0, 5373.0, 5554.0, 5714.0, 5663.0, 5417.0, 5687.0, 5559.0, 5269.0, 5506.0, 5708.0, 5603.0, 5290.0, 5391.0, 5266.0, 5434.0, 5335.0, 5638.0, 5625.0, 5329.0, 5598.0, 5610.0, 5469.0, 5476.0, 5341.0, 5534.0, 5445.0, 5600.0, 5483.0, 5350.0, 5406.0, 5436.0, 5482.0, 5668.0, 5383.0, 5299.0, 5257.0, 5310.0, 5334.0, 5274.0, 5670.0, 5431.0, 5401.0, 5331.0, 5718.0, 5525.0, 5409.0, 5360.0, 5724.0, 5657.0, 5362.0, 5281.0, 5669.0, 5553.0, 5713.0, 5671.0, 5679.0, 5371.0, 5643.0, 5666.0, 5318.0, 5499.0, 5543.0, 5380.0, 5311.0, 5473.0, 5259.0, 5532.0, 5460.0, 5432.0, 5315.0, 5288.0, 5515.0, 5322.0, 5546.0, 5624.0, 5689.0, 5447.0, 5260.0, 5646.0, 5667.0, 5295.0, 5557.0, 5355.0, 5405.0, 5408.0, 5521.0, 5377.0, 5705.0, 5486.0, 5394.0 (number of hits: 3)
3	5580	9	1	333	1	5616.0, 5514.0, 5569.0, 5524.0, 5583.0, 5662.0, 5276.0, 5567.0, 5552.0, 5544.0, 5435.0, 5687.0, 5690.0, 5679.0, 5454.0, 5468.0, 5343.0, 5531.0, 5392.0, 5716.0, 5715.0, 5694.0, 5701.0, 5279.0, 5683.0, 5645.0, 5723.0, 5470.0, 5487.0, 5592.0, 5456.0, 5449.0, 5558.0, 5433.0, 5708.0, 5319.0, 5713.0, 5719.0, 5491.0, 5421.0, 5670.0, 5345.0, 5615.0, 5651.0, 5584.0, 5549.0, 5464.0, 5462.0, 5513.0, 5352.0, 5548.0, 5389.0, 5709.0, 5636.0, 5332.0, 5557.0, 5568.0, 5316.0, 5336.0, 5399.0,

						5536.0, 5443.0, 5474.0, 5441.0, 5348.0, 5657.0, 5394.0, 5490.0, 5605.0, 5591.0, 5424.0, 5680.0, 5516.0, 5629.0, 5520.0, 5624.0, 5273.0, 5608.0, 5300.0, 5661.0, 5477.0, 5265.0, 5707.0, 5417.0, 5446.0, 5511.0, 5353.0, 5528.0, 5429.0, 5666.0, 5526.0, 5596.0, 5551.0, 5388.0, 5722.0, 5377.0, 5602.0, 5499.0, 5560.0, 5460.0 (number of hits: 3)
4	5580	9	1	333	1	5444.0, 5644.0, 5531.0, 5423.0, 5286.0, 5315.0, 5297.0, 5649.0, 5574.0, 5713.0, 5636.0, 5518.0, 5445.0, 5280.0, 5383.0, 5696.0, 5398.0, 5289.0, 5573.0, 5473.0, 5508.0, 5355.0, 5262.0, 5632.0, 5639.0, 5721.0, 5622.0, 5555.0, 5566.0, 5298.0, 5463.0, 5525.0, 5546.0, 5328.0, 5521.0, 5598.0, 5705.0, 5439.0, 5716.0, 5576.0, 5461.0, 5628.0, 5513.0, 5561.0, 5250.0, 5606.0, 5655.0, 5324.0, 5433.0, 5560.0, 5715.0, 5372.0, 5485.0, 5613.0, 5367.0, 5506.0, 5583.0, 5409.0, 5505.0, 5523.0, 5273.0, 5339.0, 5318.0, 5277.0, 5565.0, 5489.0, 5390.0, 5396.0, 5586.0, 5553.0, 5296.0, 5340.0, 5407.0, 5617.0, 5540.0, 5479.0, 5311.0, 5460.0, 5429.0, 5699.0, 5707.0, 5314.0, 5261.0, 5379.0, 5589.0, 5678.0, 5520.0, 5467.0, 5643.0, 5627.0, 5515.0, 5440.0, 5448.0, 5575.0, 5428.0, 5252.0, 5572.0, 5548.0, 5685.0, 5384.0 (number of hits: 5)
5	5580	9	1	333	1	5359.0, 5630.0, 5486.0, 5538.0, 5414.0, 5269.0, 5321.0, 5323.0, 5407.0, 5562.0, 5324.0, 5280.0, 5515.0, 5687.0, 5264.0, 5288.0, 5635.0, 5469.0, 5660.0, 5532.0, 5410.0, 5516.0, 5421.0, 5512.0, 5350.0, 5343.0, 5303.0, 5695.0, 5385.0, 5723.0, 5306.0, 5513.0, 5652.0, 5341.0, 5608.0, 5442.0, 5683.0, 5708.0, 5348.0, 5644.0, 5315.0, 5534.0, 5555.0, 5666.0, 5517.0, 5394.0, 5488.0, 5528.0, 5422.0, 5450.0, 5590.0, 5253.0, 5677.0, 5657.0, 5561.0, 5579.0, 5620.0, 5335.0, 5614.0, 5328.0, 5338.0, 5313.0, 5284.0, 5349.0, 5553.0, 5701.0, 5523.0, 5574.0, 5493.0, 5703.0, 5685.0, 5446.0, 5694.0, 5293.0, 5339.0, 5699.0, 5498.0, 5529.0, 5292.0, 5706.0, 5397.0, 5417.0, 5552.0, 5363.0, 5262.0, 5393.0, 5453.0, 5601.0, 5316.0, 5458.0, 5368.0, 5721.0, 5366.0, 5301.0, 5524.0, 5431.0, 5423.0, 5663.0, 5508.0, 5504.0 (number of hits: 3)
6	5580	9	1	333	1	5702.0, 5517.0, 5552.0, 5481.0, 5718.0, 5290.0, 5662.0, 5307.0, 5305.0, 5456.0, 5325.0, 5477.0, 5498.0, 5500.0, 5355.0, 5591.0, 5566.0, 5343.0, 5574.0, 5527.0, 5295.0, 5557.0, 5536.0, 5285.0, 5699.0, 5693.0, 5316.0, 5612.0, 5707.0, 5550.0, 5592.0, 5252.0, 5652.0, 5504.0, 5282.0, 5487.0, 5383.0, 5604.0, 5586.0, 5535.0,

						5621.0, 5596.0, 5476.0, 5630.0, 5394.0, 5638.0, 5444.0, 5465.0, 5585.0, 5589.0, 5603.0, 5407.0, 5278.0, 5618.0, 5279.0, 5616.0, 5537.0, 5525.0, 5332.0, 5403.0, 5717.0, 5374.0, 5318.0, 5624.0, 5467.0, 5645.0, 5493.0, 5705.0, 5364.0, 5669.0, 5410.0, 5468.0, 5378.0, 5687.0, 5555.0, 5576.0, 5327.0, 5489.0, 5358.0, 5683.0, 5392.0, 5633.0, 5539.0, 5478.0, 5363.0, 5350.0, 5632.0, 5697.0, 5675.0, 5409.0, 5644.0, 5558.0, 5333.0, 5380.0, 5533.0, 5402.0, 5346.0, 5265.0, 5331.0, 5339.0 (number of hits: 4)
7	5580	9	1	333	1	5385.0, 5376.0, 5467.0, 5483.0, 5492.0, 5633.0, 5660.0, 5670.0, 5386.0, 5649.0, 5537.0, 5622.0, 5700.0, 5531.0, 5454.0, 5270.0, 5392.0, 5422.0, 5719.0, 5494.0, 5299.0, 5433.0, 5271.0, 5615.0, 5285.0, 5589.0, 5671.0, 5693.0, 5657.0, 5480.0, 5252.0, 5644.0, 5610.0, 5424.0, 5654.0, 5450.0, 5438.0, 5464.0, 5602.0, 5547.0, 5584.0, 5465.0, 5461.0, 5571.0, 5258.0, 5310.0, 5616.0, 5555.0, 5608.0, 5510.0, 5577.0, 5410.0, 5564.0, 5389.0, 5505.0, 5545.0, 5623.0, 5672.0, 5340.0, 5326.0, 5568.0, 5420.0, 5322.0, 5664.0, 5720.0, 5508.0, 5642.0, 5696.0, 5452.0, 5618.0, 5666.0, 5631.0, 5514.0, 5298.0, 5495.0, 5572.0, 5478.0, 5575.0, 5336.0, 5407.0, 5415.0, 5698.0, 5275.0, 5667.0, 5287.0, 5379.0, 5444.0, 5694.0, 5434.0, 5723.0, 5329.0, 5384.0, 5300.0, 5332.0, 5691.0, 5462.0, 5413.0, 5292.0, 5542.0, 5613.0 (number of hits: 5)
8	5580	9	1	333	1	5291.0, 5573.0, 5544.0, 5534.0, 5663.0, 5560.0, 5466.0, 5565.0, 5647.0, 5353.0, 5375.0, 5403.0, 5431.0, 5605.0, 5603.0, 5334.0, 5700.0, 5429.0, 5335.0, 5427.0, 5440.0, 5413.0, 5295.0, 5300.0, 5472.0, 5289.0, 5509.0, 5581.0, 5416.0, 5546.0, 5649.0, 5505.0, 5574.0, 5508.0, 5524.0, 5587.0, 5716.0, 5426.0, 5379.0, 5653.0, 5645.0, 5475.0, 5456.0, 5272.0, 5556.0, 5660.0, 5283.0, 5648.0, 5635.0, 5297.0, 5304.0, 5571.0, 5477.0, 5613.0, 5265.0, 5531.0, 5425.0, 5684.0, 5550.0, 5597.0, 5646.0, 5451.0, 5557.0, 5251.0, 5493.0, 5533.0, 5543.0, 5360.0, 5470.0, 5380.0, 5362.0, 5656.0, 5276.0, 5450.0, 5390.0, 5621.0, 5317.0, 5522.0, 5697.0, 5266.0, 5344.0, 5568.0, 5704.0, 5347.0, 5488.0, 5358.0, 5718.0, 5578.0, 5679.0, 5385.0, 5691.0, 5305.0, 5458.0, 5367.0, 5301.0, 5715.0, 5414.0, 5598.0, 5328.0, 5397.0 (number of hits: 4)
9	5580	9	1	333	1	5722.0, 5652.0, 5678.0, 5466.0, 5472.0, 5381.0, 5498.0, 5574.0, 5526.0, 5700.0, 5390.0, 5712.0, 5600.0, 5691.0, 5524.0, 5634.0, 5344.0, 5425.0, 5665.0, 5459.0,

						5491.0, 5614.0, 5426.0, 5707.0, 5605.0, 5717.0, 5309.0, 5368.0, 5444.0, 5281.0, 5454.0, 5704.0, 5558.0, 5434.0, 5624.0, 5367.0, 5274.0, 5323.0, 5520.0, 5703.0, 5476.0, 5377.0, 5515.0, 5701.0, 5345.0, 5611.0, 5384.0, 5663.0, 5677.0, 5721.0, 5509.0, 5603.0, 5533.0, 5387.0, 5352.0, 5275.0, 5695.0, 5516.0, 5333.0, 5687.0, 5442.0, 5523.0, 5443.0, 5567.0, 5651.0, 5279.0, 5407.0, 5673.0, 5475.0, 5702.0, 5412.0, 5656.0, 5639.0, 5394.0, 5355.0, 5646.0, 5305.0, 5607.0, 5547.0, 5617.0, 5431.0, 5608.0, 5286.0, 5263.0, 5655.0, 5380.0, 5331.0, 5483.0, 5481.0, 5672.0, 5538.0, 5598.0, 5681.0, 5308.0, 5316.0, 5657.0, 5398.0, 5295.0, 5375.0, 5395.0 (number of hits: 5)
10	5580	9	1	333	1	5495.0, 5433.0, 5480.0, 5359.0, 5549.0, 5686.0, 5329.0, 5423.0, 5321.0, 5429.0, 5619.0, 5502.0, 5460.0, 5703.0, 5641.0, 5565.0, 5475.0, 5426.0, 5624.0, 5694.0, 5521.0, 5526.0, 5447.0, 5274.0, 5449.0, 5484.0, 5404.0, 5456.0, 5350.0, 5530.0, 5488.0, 5464.0, 5601.0, 5723.0, 5677.0, 5457.0, 5269.0, 5639.0, 5417.0, 5384.0, 5394.0, 5397.0, 5424.0, 5551.0, 5697.0, 5268.0, 5348.0, 5364.0, 5483.0, 5467.0, 5338.0, 5724.0, 5525.0, 5708.0, 5493.0, 5482.0, 5263.0, 5676.0, 5547.0, 5698.0, 5627.0, 5435.0, 5487.0, 5349.0, 5510.0, 5712.0, 5647.0, 5323.0, 5333.0, 5312.0, 5451.0, 5616.0, 5628.0, 5570.0, 5571.0, 5632.0, 5513.0, 5541.0, 5346.0, 5343.0, 5596.0, 5520.0, 5368.0, 5509.0, 5365.0, 5491.0, 5622.0, 5472.0, 5534.0, 5377.0, 5361.0, 5265.0, 5301.0, 5405.0, 5355.0, 5569.0, 5674.0, 5450.0, 5567.0, 5305.0 (number of hits: 1)
11	5580	9	1	333	1	5558.0, 5347.0, 5299.0, 5645.0, 5325.0, 5376.0, 5258.0, 5664.0, 5667.0, 5718.0, 5505.0, 5670.0, 5339.0, 5681.0, 5689.0, 5473.0, 5564.0, 5298.0, 5474.0, 5467.0, 5654.0, 5287.0, 5672.0, 5265.0, 5346.0, 5508.0, 5337.0, 5679.0, 5537.0, 5434.0, 5344.0, 5359.0, 5454.0, 5471.0, 5625.0, 5282.0, 5611.0, 5272.0, 5616.0, 5441.0, 5288.0, 5470.0, 5720.0, 5302.0, 5506.0, 5502.0, 5516.0, 5311.0, 5571.0, 5468.0, 5566.0, 5252.0, 5446.0, 5529.0, 5700.0, 5369.0, 5590.0, 5370.0, 5263.0, 5273.0, 5499.0, 5331.0, 5496.0, 5295.0, 5318.0, 5362.0, 5459.0, 5613.0, 5634.0, 5663.0, 5630.0, 5289.0, 5638.0, 5673.0, 5579.0, 5457.0, 5714.0, 5519.0, 5323.0, 5367.0, 5528.0, 5493.0, 5715.0, 5583.0, 5620.0, 5349.0, 5443.0, 5417.0, 5432.0, 5721.0, 5561.0, 5559.0, 5383.0, 5294.0, 5355.0, 5270.0, 5569.0, 5292.0, 5251.0, 5492.0 (number of hits: 7)

12	5580	9	1	333	1	5540.0, 5642.0, 5326.0, 5402.0, 5676.0, 5363.0, 5658.0, 5291.0, 5449.0, 5627.0, 5596.0, 5406.0, 5300.0, 5709.0, 5561.0, 5519.0, 5693.0, 5467.0, 5632.0, 5379.0, 5672.0, 5629.0, 5719.0, 5275.0, 5667.0, 5371.0, 5505.0, 5361.0, 5327.0, 5597.0, 5319.0, 5575.0, 5427.0, 5272.0, 5303.0, 5535.0, 5349.0, 5546.0, 5342.0, 5285.0, 5636.0, 5486.0, 5339.0, 5501.0, 5343.0, 5391.0, 5656.0, 5383.0, 5364.0, 5442.0, 5278.0, 5544.0, 5582.0, 5412.0, 5694.0, 5623.0, 5655.0, 5691.0, 5640.0, 5389.0, 5271.0, 5424.0, 5712.0, 5542.0, 5258.0, 5554.0, 5715.0, 5250.0, 5651.0, 5408.0, 5431.0, 5479.0, 5428.0, 5702.0, 5456.0, 5506.0, 5280.0, 5488.0, 5646.0, 5264.0, 5273.0, 5377.0, 5652.0, 5687.0, 5577.0, 5439.0, 5461.0, 5302.0, 5515.0, 5688.0, 5598.0, 5257.0, 5613.0, 5497.0, 5290.0, 5436.0, 5498.0, 5351.0, 5593.0, 5282.0 (number of hits: 8)
13	5580	9	1	333	1	5446.0, 5409.0, 5634.0, 5670.0, 5256.0, 5254.0, 5346.0, 5441.0, 5273.0, 5702.0, 5413.0, 5710.0, 5430.0, 5619.0, 5339.0, 5529.0, 5274.0, 5289.0, 5438.0, 5622.0, 5566.0, 5579.0, 5451.0, 5350.0, 5294.0, 5714.0, 5357.0, 5394.0, 5366.0, 5659.0, 5362.0, 5427.0, 5485.0, 5688.0, 5296.0, 5698.0, 5589.0, 5295.0, 5544.0, 5494.0, 5585.0, 5681.0, 5279.0, 5475.0, 5487.0, 5615.0, 5591.0, 5283.0, 5333.0, 5421.0, 5646.0, 5576.0, 5395.0, 5605.0, 5531.0, 5705.0, 5491.0, 5466.0, 5418.0, 5507.0, 5715.0, 5313.0, 5542.0, 5570.0, 5694.0, 5607.0, 5359.0, 5435.0, 5664.0, 5467.0, 5562.0, 5383.0, 5523.0, 5322.0, 5334.0, 5407.0, 5527.0, 5642.0, 5508.0, 5404.0, 5567.0, 5509.0, 5280.0, 5502.0, 5543.0, 5704.0, 5420.0, 5574.0, 5580.0, 5602.0, 5302.0, 5307.0, 5513.0, 5251.0, 5700.0, 5723.0, 5501.0, 5614.0, 5713.0, 5423.0 (number of hits: 6)
14	5580	9	1	333	1	5278.0, 5706.0, 5423.0, 5629.0, 5266.0, 5584.0, 5518.0, 5582.0, 5341.0, 5436.0, 5592.0, 5710.0, 5320.0, 5338.0, 5298.0, 5689.0, 5479.0, 5322.0, 5348.0, 5386.0, 5683.0, 5263.0, 5460.0, 5488.0, 5275.0, 5705.0, 5430.0, 5357.0, 5415.0, 5353.0, 5468.0, 5556.0, 5452.0, 5700.0, 5331.0, 5657.0, 5698.0, 5597.0, 5631.0, 5666.0, 5617.0, 5669.0, 5321.0, 5618.0, 5567.0, 5509.0, 5656.0, 5293.0, 5604.0, 5565.0, 5513.0, 5708.0, 5687.0, 5498.0, 5472.0, 5500.0, 5651.0, 5370.0, 5573.0, 5658.0, 5292.0, 5614.0, 5258.0, 5310.0, 5361.0, 5311.0, 5251.0, 5379.0, 5478.0, 5711.0, 5665.0, 5578.0, 5636.0, 5579.0, 5606.0, 5494.0, 5324.0, 5588.0, 5574.0, 5355.0, 5446.0, 5481.0, 5633.0, 5673.0, 5265.0,

						5563.0, 5507.0, 5482.0, 5418.0, 5539.0, 5456.0, 5268.0, 5554.0, 5714.0, 5328.0, 5607.0, 5583.0, 5497.0, 5548.0, 5426.0 (number of hits: 2)
15	5580	9	1	333	1	5686.0, 5590.0, 5349.0, 5258.0, 5510.0, 5309.0, 5499.0, 5381.0, 5385.0, 5617.0, 5278.0, 5584.0, 5351.0, 5260.0, 5322.0, 5572.0, 5534.0, 5324.0, 5280.0, 5300.0, 5267.0, 5602.0, 5585.0, 5494.0, 5640.0, 5365.0, 5705.0, 5703.0, 5535.0, 5592.0, 5598.0, 5436.0, 5593.0, 5681.0, 5550.0, 5274.0, 5361.0, 5473.0, 5276.0, 5684.0, 5517.0, 5632.0, 5478.0, 5687.0, 5387.0, 5420.0, 5700.0, 5335.0, 5549.0, 5341.0, 5418.0, 5683.0, 5605.0, 5603.0, 5288.0, 5265.0, 5446.0, 5476.0, 5454.0, 5475.0, 5427.0, 5543.0, 5452.0, 5502.0, 5262.0, 5413.0, 5312.0, 5254.0, 5620.0, 5562.0, 5269.0, 5721.0, 5600.0, 5546.0, 5493.0, 5662.0, 5470.0, 5722.0, 5393.0, 5295.0, 5252.0, 5296.0, 5659.0, 5347.0, 5329.0, 5654.0, 5697.0, 5290.0, 5569.0, 5479.0, 5358.0, 5354.0, 5299.0, 5610.0, 5519.0, 5294.0, 5400.0, 5432.0, 5612.0, 5597.0 (number of hits: 5)
16	5580	9	1	333	1	5390.0, 5337.0, 5278.0, 5290.0, 5590.0, 5550.0, 5392.0, 5720.0, 5465.0, 5690.0, 5267.0, 5532.0, 5613.0, 5387.0, 5346.0, 5665.0, 5555.0, 5314.0, 5378.0, 5265.0, 5527.0, 5461.0, 5711.0, 5621.0, 5494.0, 5296.0, 5302.0, 5437.0, 5340.0, 5677.0, 5680.0, 5471.0, 5557.0, 5668.0, 5654.0, 5635.0, 5544.0, 5655.0, 5490.0, 5464.0, 5274.0, 5498.0, 5276.0, 5476.0, 5330.0, 5355.0, 5618.0, 5431.0, 5352.0, 5670.0, 5336.0, 5516.0, 5545.0, 5562.0, 5363.0, 5678.0, 5357.0, 5456.0, 5320.0, 5312.0, 5399.0, 5686.0, 5519.0, 5642.0, 5716.0, 5338.0, 5717.0, 5567.0, 5455.0, 5506.0, 5369.0, 5310.0, 5396.0, 5684.0, 5705.0, 5326.0, 5722.0, 5589.0, 5475.0, 5481.0, 5537.0, 5601.0, 5450.0, 5507.0, 5297.0, 5295.0, 5376.0, 5254.0, 5324.0, 5528.0, 5709.0, 5523.0, 5651.0, 5321.0, 5547.0, 5703.0, 5331.0, 5706.0, 5641.0, 5289.0 (number of hits: 4)
17	5580	9	1	333	1	5252.0, 5508.0, 5415.0, 5328.0, 5569.0, 5308.0, 5587.0, 5576.0, 5632.0, 5288.0, 5258.0, 5488.0, 5652.0, 5442.0, 5647.0, 5377.0, 5359.0, 5630.0, 5689.0, 5530.0, 5679.0, 5489.0, 5428.0, 5332.0, 5545.0, 5498.0, 5430.0, 5504.0, 5339.0, 5522.0, 5306.0, 5453.0, 5320.0, 5539.0, 5317.0, 5283.0, 5672.0, 5670.0, 5311.0, 5567.0, 5273.0, 5287.0, 5637.0, 5313.0, 5264.0, 5591.0, 5715.0, 5646.0, 5418.0, 5458.0, 5513.0, 5482.0, 5657.0, 5340.0, 5552.0, 5455.0, 5577.0, 5716.0, 5537.0, 5379.0, 5389.0, 5385.0, 5251.0, 5433.0, 5686.0,

						5586.0, 5351.0, 5396.0, 5610.0, 5519.0, 5492.0, 5404.0, 5566.0, 5570.0, 5635.0, 5628.0, 5412.0, 5477.0, 5505.0, 5269.0, 5371.0, 5344.0, 5704.0, 5253.0, 5526.0, 5286.0, 5407.0, 5688.0, 5690.0, 5471.0, 5451.0, 5334.0, 5393.0, 5706.0, 5568.0, 5267.0, 5392.0, 5547.0, 5580.0, 5599.0 (number of hits: 5)
18	5580	9	1	333	1	5462.0, 5396.0, 5328.0, 5444.0, 5690.0, 5273.0, 5312.0, 5446.0, 5640.0, 5511.0, 5304.0, 5597.0, 5368.0, 5299.0, 5282.0, 5606.0, 5514.0, 5501.0, 5531.0, 5516.0, 5262.0, 5545.0, 5302.0, 5723.0, 5454.0, 5383.0, 5449.0, 5579.0, 5323.0, 5544.0, 5527.0, 5447.0, 5552.0, 5416.0, 5272.0, 5682.0, 5256.0, 5417.0, 5647.0, 5461.0, 5550.0, 5631.0, 5571.0, 5681.0, 5633.0, 5543.0, 5676.0, 5684.0, 5347.0, 5708.0, 5710.0, 5563.0, 5603.0, 5709.0, 5377.0, 5683.0, 5352.0, 5646.0, 5466.0, 5688.0, 5287.0, 5360.0, 5410.0, 5487.0, 5420.0, 5421.0, 5341.0, 5653.0, 5295.0, 5357.0, 5624.0, 5582.0, 5497.0, 5278.0, 5660.0, 5335.0, 5574.0, 5338.0, 5716.0, 5512.0, 5288.0, 5340.0, 5269.0, 5632.0, 5705.0, 5701.0, 5549.0, 5540.0, 5362.0, 5397.0, 5548.0, 5369.0, 5556.0, 5689.0, 5373.0, 5329.0, 5285.0, 5539.0, 5629.0, 5316.0 (number of hits: 7)
19	5580	9	1	333	1	5450.0, 5600.0, 5665.0, 5254.0, 5619.0, 5546.0, 5301.0, 5717.0, 5373.0, 5503.0, 5572.0, 5328.0, 5286.0, 5551.0, 5421.0, 5684.0, 5456.0, 5319.0, 5714.0, 5639.0, 5321.0, 5403.0, 5271.0, 5664.0, 5417.0, 5425.0, 5331.0, 5389.0, 5536.0, 5335.0, 5589.0, 5326.0, 5283.0, 5522.0, 5278.0, 5615.0, 5680.0, 5597.0, 5359.0, 5601.0, 5487.0, 5554.0, 5430.0, 5307.0, 5370.0, 5525.0, 5407.0, 5576.0, 5420.0, 5531.0, 5324.0, 5504.0, 5258.0, 5663.0, 5678.0, 5593.0, 5656.0, 5509.0, 5462.0, 5396.0, 5510.0, 5340.0, 5269.0, 5618.0, 5677.0, 5563.0, 5255.0, 5683.0, 5594.0, 5490.0, 5585.0, 5660.0, 5401.0, 5694.0, 5571.0, 5461.0, 5720.0, 5648.0, 5524.0, 5458.0, 5519.0, 5274.0, 5713.0, 5310.0, 5695.0, 5542.0, 5716.0, 5552.0, 5595.0, 5345.0, 5397.0, 5394.0, 5358.0, 5279.0, 5645.0, 5669.0, 5532.0, 5609.0, 5292.0, 5363.0 (number of hits: 6)
20	5580	9	1	333	1	5416.0, 5555.0, 5672.0, 5295.0, 5312.0, 5681.0, 5347.0, 5498.0, 5631.0, 5349.0, 5530.0, 5593.0, 5336.0, 5507.0, 5550.0, 5473.0, 5485.0, 5499.0, 5492.0, 5444.0, 5722.0, 5602.0, 5546.0, 5581.0, 5370.0, 5661.0, 5576.0, 5472.0, 5538.0, 5264.0, 5623.0, 5545.0, 5575.0, 5675.0, 5460.0, 5493.0, 5399.0, 5348.0, 5255.0, 5398.0, 5408.0, 5542.0, 5353.0, 5363.0, 5436.0,

						5360.0, 5502.0, 5464.0, 5488.0, 5271.0, 5692.0, 5636.0, 5650.0, 5352.0, 5391.0, 5382.0, 5719.0, 5556.0, 5483.0, 5418.0, 5337.0, 5450.0, 5319.0, 5341.0, 5466.0, 5567.0, 5435.0, 5359.0, 5686.0, 5280.0, 5369.0, 5297.0, 5642.0, 5660.0, 5475.0, 5462.0, 5640.0, 5554.0, 5328.0, 5490.0, 5358.0, 5267.0, 5304.0, 5385.0, 5334.0, 5643.0, 5712.0, 5709.0, 5606.0, 5262.0, 5311.0, 5445.0, 5663.0, 5706.0, 5503.0, 5696.0, 5612.0, 5517.0, 5308.0, 5269.0 (number of hits: 2)
21	5580	9	1	333	1	5559.0, 5296.0, 5681.0, 5254.0, 5605.0, 5461.0, 5540.0, 5462.0, 5490.0, 5448.0, 5434.0, 5608.0, 5256.0, 5537.0, 5261.0, 5427.0, 5322.0, 5528.0, 5623.0, 5677.0, 5636.0, 5649.0, 5622.0, 5334.0, 5400.0, 5665.0, 5530.0, 5628.0, 5345.0, 5513.0, 5691.0, 5663.0, 5583.0, 5371.0, 5661.0, 5358.0, 5489.0, 5639.0, 5501.0, 5282.0, 5325.0, 5309.0, 5685.0, 5336.0, 5441.0, 5697.0, 5595.0, 5573.0, 5364.0, 5551.0, 5534.0, 5701.0, 5446.0, 5609.0, 5266.0, 5480.0, 5263.0, 5506.0, 5350.0, 5557.0, 5659.0, 5606.0, 5720.0, 5429.0, 5359.0, 5404.0, 5284.0, 5668.0, 5362.0, 5291.0, 5472.0, 5458.0, 5323.0, 5376.0, 5409.0, 5496.0, 5449.0, 5667.0, 5710.0, 5303.0, 5474.0, 5712.0, 5626.0, 5375.0, 5470.0, 5515.0, 5422.0, 5599.0, 5370.0, 5572.0, 5548.0, 5700.0, 5275.0, 5436.0, 5314.0, 5251.0, 5684.0, 5471.0, 5346.0, 5456.0 (number of hits: 3)
22	5580	9	1	333	1	5706.0, 5304.0, 5464.0, 5560.0, 5600.0, 5605.0, 5721.0, 5389.0, 5326.0, 5656.0, 5681.0, 5411.0, 5254.0, 5531.0, 5419.0, 5291.0, 5644.0, 5331.0, 5334.0, 5546.0, 5640.0, 5283.0, 5361.0, 5572.0, 5581.0, 5288.0, 5635.0, 5356.0, 5337.0, 5317.0, 5420.0, 5460.0, 5446.0, 5565.0, 5252.0, 5379.0, 5423.0, 5658.0, 5384.0, 5290.0, 5438.0, 5454.0, 5313.0, 5320.0, 5450.0, 5699.0, 5388.0, 5276.0, 5661.0, 5319.0, 5664.0, 5570.0, 5273.0, 5395.0, 5452.0, 5378.0, 5506.0, 5499.0, 5348.0, 5404.0, 5677.0, 5490.0, 5612.0, 5474.0, 5336.0, 5526.0, 5510.0, 5376.0, 5377.0, 5263.0, 5695.0, 5608.0, 5403.0, 5602.0, 5488.0, 5346.0, 5311.0, 5701.0, 5390.0, 5382.0, 5332.0, 5630.0, 5367.0, 5598.0, 5431.0, 5321.0, 5504.0, 5408.0, 5671.0, 5563.0, 5680.0, 5406.0, 5577.0, 5684.0, 5685.0, 5672.0, 5458.0, 5535.0, 5422.0, 5357.0 (number of hits: 4)
23	5580	9	1	333	1	5663.0, 5340.0, 5694.0, 5631.0, 5382.0, 5593.0, 5590.0, 5361.0, 5611.0, 5356.0, 5370.0, 5532.0, 5693.0, 5571.0, 5309.0, 5290.0, 5690.0, 5334.0, 5621.0, 5314.0, 5298.0, 5375.0, 5479.0, 5261.0, 5391.0,

						5510.0, 5339.0, 5540.0, 5632.0, 5293.0, 5543.0, 5648.0, 5636.0, 5675.0, 5613.0, 5710.0, 5523.0, 5335.0, 5436.0, 5377.0, 5394.0, 5628.0, 5362.0, 5691.0, 5534.0, 5428.0, 5345.0, 5306.0, 5581.0, 5683.0, 5501.0, 5695.0, 5720.0, 5431.0, 5333.0, 5517.0, 5427.0, 5448.0, 5336.0, 5379.0, 5669.0, 5312.0, 5645.0, 5304.0, 5537.0, 5311.0, 5390.0, 5716.0, 5463.0, 5385.0, 5327.0, 5704.0, 5403.0, 5589.0, 5253.0, 5522.0, 5682.0, 5400.0, 5270.0, 5328.0, 5562.0, 5622.0, 5490.0, 5598.0, 5383.0, 5355.0, 5411.0, 5486.0, 5641.0, 5350.0, 5444.0, 5365.0, 5251.0, 5698.0, 5343.0, 5680.0, 5412.0, 5250.0, 5480.0, 5287.0 (number of hits: 2)
24	5580	9	1	333	1	5699.0, 5470.0, 5676.0, 5535.0, 5322.0, 5568.0, 5505.0, 5260.0, 5614.0, 5481.0, 5560.0, 5548.0, 5661.0, 5720.0, 5476.0, 5561.0, 5259.0, 5618.0, 5374.0, 5473.0, 5267.0, 5353.0, 5640.0, 5265.0, 5715.0, 5565.0, 5309.0, 5521.0, 5313.0, 5279.0, 5468.0, 5664.0, 5621.0, 5278.0, 5385.0, 5280.0, 5450.0, 5474.0, 5338.0, 5344.0, 5325.0, 5554.0, 5616.0, 5648.0, 5458.0, 5270.0, 5422.0, 5326.0, 5683.0, 5366.0, 5447.0, 5605.0, 5507.0, 5526.0, 5602.0, 5301.0, 5552.0, 5514.0, 5386.0, 5442.0, 5547.0, 5630.0, 5467.0, 5469.0, 5475.0, 5437.0, 5635.0, 5673.0, 5654.0, 5679.0, 5697.0, 5702.0, 5452.0, 5668.0, 5617.0, 5408.0, 5371.0, 5681.0, 5542.0, 5708.0, 5536.0, 5558.0, 5412.0, 5660.0, 5591.0, 5578.0, 5427.0, 5711.0, 5441.0, 5509.0, 5403.0, 5262.0, 5719.0, 5562.0, 5544.0, 5455.0, 5545.0, 5466.0, 5319.0, 5694.0 (number of hits: 4)
25	5580	9	1	333	1	5528.0, 5714.0, 5601.0, 5676.0, 5499.0, 5598.0, 5606.0, 5689.0, 5650.0, 5665.0, 5527.0, 5421.0, 5491.0, 5459.0, 5534.0, 5653.0, 5266.0, 5435.0, 5672.0, 5256.0, 5484.0, 5539.0, 5403.0, 5563.0, 5395.0, 5408.0, 5609.0, 5702.0, 5529.0, 5462.0, 5580.0, 5542.0, 5297.0, 5695.0, 5579.0, 5634.0, 5472.0, 5658.0, 5362.0, 5413.0, 5564.0, 5549.0, 5260.0, 5482.0, 5253.0, 5328.0, 5290.0, 5299.0, 5443.0, 5622.0, 5464.0, 5343.0, 5310.0, 5431.0, 5691.0, 5280.0, 5391.0, 5608.0, 5554.0, 5412.0, 5370.0, 5285.0, 5426.0, 5479.0, 5722.0, 5623.0, 5346.0, 5626.0, 5305.0, 5671.0, 5393.0, 5568.0, 5449.0, 5645.0, 5457.0, 5488.0, 5502.0, 5369.0, 5411.0, 5587.0, 5628.0, 5638.0, 5666.0, 5352.0, 5424.0, 5707.0, 5570.0, 5341.0, 5396.0, 5385.0, 5419.0, 5699.0, 5358.0, 5372.0, 5566.0, 5512.0, 5571.0, 5327.0, 5320.0, 5565.0 (number of hits: 2)
26	5580	9	1	333	1	5583.0, 5548.0, 5653.0, 5559.0, 5526.0,

						5501.0, 5651.0, 5624.0, 5558.0, 5530.0, 5423.0, 5411.0, 5408.0, 5509.0, 5407.0, 5297.0, 5295.0, 5582.0, 5311.0, 5611.0, 5677.0, 5552.0, 5334.0, 5621.0, 5502.0, 5400.0, 5463.0, 5296.0, 5658.0, 5507.0, 5541.0, 5575.0, 5462.0, 5258.0, 5618.0, 5623.0, 5445.0, 5520.0, 5636.0, 5371.0, 5692.0, 5341.0, 5293.0, 5694.0, 5389.0, 5351.0, 5489.0, 5660.0, 5527.0, 5470.0, 5698.0, 5568.0, 5542.0, 5699.0, 5355.0, 5678.0, 5642.0, 5585.0, 5270.0, 5506.0, 5538.0, 5414.0, 5288.0, 5393.0, 5676.0, 5703.0, 5443.0, 5691.0, 5709.0, 5475.0, 5410.0, 5580.0, 5317.0, 5338.0, 5429.0, 5484.0, 5352.0, 5303.0, 5372.0, 5265.0, 5567.0, 5539.0, 5473.0, 5272.0, 5260.0, 5434.0, 5330.0, 5704.0, 5532.0, 5455.0, 5497.0, 5362.0, 5654.0, 5687.0, 5460.0, 5540.0, 5321.0, 5405.0, 5554.0, 5450.0 (number of hits: 3)
27	5580	9	1	333	1	5265.0, 5351.0, 5603.0, 5280.0, 5468.0, 5450.0, 5278.0, 5713.0, 5281.0, 5519.0, 5349.0, 5273.0, 5551.0, 5430.0, 5586.0, 5552.0, 5710.0, 5606.0, 5641.0, 5636.0, 5473.0, 5289.0, 5692.0, 5508.0, 5631.0, 5690.0, 5547.0, 5617.0, 5676.0, 5431.0, 5492.0, 5337.0, 5374.0, 5621.0, 5609.0, 5385.0, 5279.0, 5528.0, 5518.0, 5546.0, 5407.0, 5632.0, 5593.0, 5653.0, 5709.0, 5538.0, 5526.0, 5687.0, 5365.0, 5722.0, 5454.0, 5481.0, 5554.0, 5515.0, 5259.0, 5672.0, 5443.0, 5662.0, 5532.0, 5310.0, 5476.0, 5522.0, 5395.0, 5712.0, 5496.0, 5459.0, 5694.0, 5658.0, 5654.0, 5254.0, 5718.0, 5633.0, 5352.0, 5485.0, 5354.0, 5301.0, 5527.0, 5266.0, 5341.0, 5670.0, 5272.0, 5487.0, 5252.0, 5513.0, 5465.0, 5659.0, 5474.0, 5644.0, 5458.0, 5350.0, 5447.0, 5536.0, 5410.0, 5665.0, 5715.0, 5404.0, 5610.0, 5673.0, 5358.0, 5453.0 (number of hits: 7)
28	5580	9	1	333	1	5664.0, 5276.0, 5691.0, 5623.0, 5620.0, 5342.0, 5395.0, 5624.0, 5474.0, 5584.0, 5717.0, 5443.0, 5350.0, 5608.0, 5375.0, 5609.0, 5377.0, 5665.0, 5295.0, 5534.0, 5578.0, 5556.0, 5415.0, 5510.0, 5360.0, 5345.0, 5302.0, 5621.0, 5311.0, 5650.0, 5481.0, 5580.0, 5514.0, 5622.0, 5254.0, 5384.0, 5410.0, 5586.0, 5321.0, 5649.0, 5521.0, 5357.0, 5519.0, 5703.0, 5432.0, 5464.0, 5477.0, 5505.0, 5438.0, 5423.0, 5420.0, 5312.0, 5601.0, 5709.0, 5547.0, 5568.0, 5549.0, 5414.0, 5488.0, 5708.0, 5462.0, 5652.0, 5508.0, 5444.0, 5379.0, 5500.0, 5449.0, 5376.0, 5406.0, 5541.0, 5606.0, 5480.0, 5266.0, 5326.0, 5613.0, 5513.0, 5627.0, 5563.0, 5543.0, 5399.0, 5330.0, 5683.0, 5250.0, 5660.0, 5277.0, 5705.0, 5671.0, 5331.0, 5562.0, 5381.0,

						5287.0, 5476.0, 5635.0, 5597.0, 5593.0, 5666.0, 5469.0, 5559.0, 5651.0, 5669.0 (number of hits: 3)
29	5580	9	1	333	1	5407.0, 5566.0, 5274.0, 5696.0, 5462.0, 5560.0, 5340.0, 5400.0, 5278.0, 5472.0, 5417.0, 5451.0, 5465.0, 5618.0, 5435.0, 5270.0, 5718.0, 5277.0, 5405.0, 5396.0, 5711.0, 5506.0, 5356.0, 5486.0, 5433.0, 5614.0, 5386.0, 5338.0, 5419.0, 5547.0, 5682.0, 5281.0, 5320.0, 5695.0, 5293.0, 5698.0, 5579.0, 5510.0, 5541.0, 5719.0, 5630.0, 5567.0, 5450.0, 5586.0, 5395.0, 5329.0, 5641.0, 5444.0, 5578.0, 5640.0, 5387.0, 5521.0, 5577.0, 5366.0, 5264.0, 5481.0, 5334.0, 5437.0, 5675.0, 5632.0, 5611.0, 5414.0, 5717.0, 5558.0, 5599.0, 5261.0, 5428.0, 5300.0, 5593.0, 5528.0, 5562.0, 5268.0, 5494.0, 5458.0, 5374.0, 5479.0, 5524.0, 5322.0, 5583.0, 5674.0, 5354.0, 5351.0, 5408.0, 5326.0, 5664.0, 5515.0, 5595.0, 5392.0, 5545.0, 5297.0, 5343.0, 5656.0, 5466.0, 5504.0, 5688.0, 5383.0, 5525.0, 5256.0, 5563.0, 5314.0 (number of hits: 5)
30	5580	9	1	333	1	5253.0, 5251.0, 5714.0, 5266.0, 5634.0, 5420.0, 5701.0, 5479.0, 5390.0, 5663.0, 5396.0, 5525.0, 5648.0, 5301.0, 5550.0, 5333.0, 5689.0, 5643.0, 5438.0, 5676.0, 5457.0, 5350.0, 5609.0, 5675.0, 5308.0, 5481.0, 5392.0, 5370.0, 5621.0, 5576.0, 5491.0, 5258.0, 5572.0, 5261.0, 5486.0, 5331.0, 5459.0, 5573.0, 5553.0, 5690.0, 5564.0, 5503.0, 5472.0, 5607.0, 5693.0, 5416.0, 5542.0, 5523.0, 5484.0, 5460.0, 5625.0, 5323.0, 5338.0, 5397.0, 5375.0, 5659.0, 5441.0, 5699.0, 5337.0, 5565.0, 5309.0, 5597.0, 5664.0, 5430.0, 5530.0, 5443.0, 5458.0, 5555.0, 5562.0, 5670.0, 5300.0, 5635.0, 5400.0, 5343.0, 5519.0, 5579.0, 5673.0, 5418.0, 5668.0, 5284.0, 5373.0, 5518.0, 5434.0, 5288.0, 5570.0, 5722.0, 5660.0, 5703.0, 5259.0, 5466.0, 5504.0, 5653.0, 5294.0, 5304.0, 5401.0, 5353.0, 5687.0, 5516.0, 5581.0, 5593.0 (number of hits: 2)

5270 MHz, 40 MHz Bandwidth

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

Please refer to the following statistical tables:

5270 MHz, 40 MHz Bandwidth

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5270	62	1	858	1
2	5270	99	1	538	1
3	5270	72	1	738	1
4	5270	65	1	818	1
5	5270	58	1	918	1
6	5270	78	1	678	1
7	5270	76	1	698	1
8	5270	81	1	658	1
9	5270	89	1	598	1
10	5270	74	1	718	1
11	5270	70	1	758	1
12	5270	67	1	798	1
13	5270	68	1	778	1
14	5270	59	1	898	1
15	5270	92	1	578	1
16	5270	36	1	1503	1
17	5270	73	1	724	1
18	5270	73	1	728	1
19	5270	28	1	1944	1
20	5270	55	1	975	1
21	5270	20	1	2716	1
22	5270	29	1	1832	1
23	5270	25	1	2136	1
24	5270	33	1	1603	1
25	5270	72	1	743	1
26	5270	37	1	1445	1
27	5270	20	1	2760	1
28	5270	35	1	1511	1
29	5270	22	1	2466	1
30	5270	26	1	2093	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5270	29	3.3	194	1
2	5270	23	2	160	1
3	5270	29	1.6	161	1
4	5270	25	1	212	1
5	5270	25	2.3	206	1
6	5270	27	2.9	150	1
7	5270	27	4.5	168	1
8	5270	26	2.6	151	1
9	5270	29	3.2	186	1
10	5270	23	3.9	168	1
11	5270	23	1.3	199	1
12	5270	24	2	190	1
13	5270	29	2.5	210	1
14	5270	27	2.1	190	1
15	5270	29	4.4	185	1
16	5270	25	4.7	225	1
17	5270	25	4.5	180	1
18	5270	25	2.4	196	1
19	5270	29	2.4	188	1
20	5270	25	2.4	156	1
21	5270	23	1.5	155	1
22	5270	26	2.8	182	1
23	5270	26	4.6	193	1
24	5270	25	4.9	169	1
25	5270	28	3.4	214	1
26	5270	29	4.1	225	1
27	5270	24	1.3	222	1
28	5270	23	2.1	187	1
29	5270	29	1.6	178	1
30	5270	24	4.1	203	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5270	16	7.4	476	1
2	5270	18	9.7	268	1
3	5270	17	7.8	456	1
4	5270	16	10	433	1
5	5270	18	6.8	390	1
6	5270	17	7.4	284	1
7	5270	18	6.2	402	1
8	5270	16	8.1	236	1
9	5270	18	6.9	285	1
10	5270	18	6.6	304	1
11	5270	16	7	441	1
12	5270	17	6.2	307	1
13	5270	18	6.1	434	1
14	5270	17	6.6	405	1
15	5270	17	8.2	354	1
16	5270	18	9.2	333	1
17	5270	16	6.2	240	1
18	5270	18	6.7	371	1
19	5270	18	9.3	418	1
20	5270	16	9.8	350	1
21	5270	18	7.3	218	1
22	5270	18	7	341	1
23	5270	17	9.4	423	1
24	5270	17	6.2	387	1
25	5270	16	7.5	414	1
26	5270	17	6.3	388	1
27	5270	18	8	333	1
28	5270	17	7.4	263	1
29	5270	16	8.1	472	1
30	5270	18	7.9	418	1
Detection Percentage: 100 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5270	14	19.2	449	1
2	5270	13	13.1	247	1
3	5270	15	19.1	387	1
4	5270	14	18.4	381	1
5	5270	16	15.3	334	1
6	5270	15	17.4	425	1
7	5270	15	20	307	1
8	5270	12	17.3	227	1
9	5270	16	11.6	389	1
10	5270	12	13.2	312	1
11	5270	12	19.2	227	1
12	5270	13	11.2	334	1
13	5270	13	16.4	422	1
14	5270	14	16.3	488	1
15	5270	13	19.8	407	1
16	5270	16	19.7	252	1
17	5270	16	13.9	317	1
18	5270	15	13.7	258	1
19	5270	15	18.3	296	1
20	5270	12	16.6	344	1
21	5270	13	15.5	237	1
22	5270	13	17.9	231	1
23	5270	12	16.6	272	1
24	5270	16	19	348	1
25	5270	16	19.6	269	1
26	5270	15	14.7	279	1
27	5270	14	14.5	297	1
28	5270	16	11.3	408	1
29	5270	12	14.9	491	1
30	5270	15	12	434	1
Detection Percentage: 100 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Bin5 Statistics 1

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	7	88.9	1902		0.454656	1
1	2	17	97.4	1815		1.646106	
2	3	16	91.8	1735	1575	2.811427	
3	3	15	99.5	1062	1156	3.787313	
4	1	11	95			4.662971	
5	2	17	89.9	1233		5.026114	
6	2	11	71.7	1774		6.171442	
7	2	17	50.7	1853		7.95304	
8	2	10	58.5	1594		8.749412	
9	1	13	84.7			9.57409	
10	1	19	95.6			10.301775	
11	2	18	54.6	1878		11.467854	

Bin5 Statistics 2

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	10	90.3	1664		0.190704	1
1	2	11	93.8	1982		1.840206	
2	1	17	66			2.982371	
3	3	12	89.4	1536	1437	3.069235	
4	2	17	95.8	1388		4.331615	
5	2	7	99.2	1211		5.487386	
6	3	18	84.3	1867	1417	6.419696	
7	1	18	64.2			7.018343	
8	2	19	86.5	1305		8.976501	
9	2	5	78	1558		9.137815	
10	2	16	50.4	1827		10.612996	
11	2	16	72.8	1909		11.004458	

Bin5 Statistics 3

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	76.9	1409	1891	0.833816	
1	2	9	96.4	1677		1.373716	
2	3	19	82.5	1575	1812	3.724983	
3	3	20	69	1039	1449	4.893305	
4	2	7	98.5	1763		5.543524	1
5	2	19	65.1	1683		6.988312	
6	1	18	54.1			8.191322	
7	1	13	59.7			10.245281	
8	2	8	58.4	1154		10.820703	

Bin5 Statistics 4

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	7	69.1	1830		0.516718	
1	3	19	59.6	1238	1379	1.138909	
2	2	14	74.5	1016		2.385045	
3	2	10	97.3	1857		3.054513	
4	2	8	61.3	1714		3.77131	
5	3	11	95	1505	1241	4.0103	
6	3	19	69.4	1806	1993	5.319317	
7	2	7	92.3	1191		6.140063	1
8	2	13	96.4	1944		6.581096	
9	2	8	84.3	1569		7.557285	
10	3	16	53.8	1281	1054	8.071127	
11	3	19	63.1	1857	1723	9.038283	
12	2	16	51.5	1108		9.87404	
13	3	20	66	1491	1689	11.102946	
14	1	18	57.9			11.519601	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	98.2			0.044417	1
1	2	11	53.4	1137		1.363662	
2	1	7	90.3			1.812959	
3	1	8	94.7			2.160487	
4	2	8	54.6	1358		3.224097	
5	2	20	83.8	1491		3.692207	
6	3	18	85.5	1354	1381	4.710037	
7	2	17	87.2	1446		5.155368	
8	2	16	80.7	1903		6.326691	
9	2	9	68.5	1542		6.570591	
10	3	9	97.5	1557	1294	7.725518	
11	3	10	74.6	1873	1880	8.032555	
12	2	14	90.5	1338		9.05982	
13	2	19	77.6	1547		9.513902	
14	1	7	70.6			10.239486	
15	2	9	71.5	1357		11.058973	
16	2	20	76.2	1738		11.786807	

Bin5 Statistics 6

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	10	71.7	1162		0.091477	1
1	2	19	72.4	1326		1.525476	
2	1	17	52.3			2.826503	
3	2	16	85.8	1484		4.082198	
4	3	5	86.6	1594	1152	5.708035	
5	3	19	59.8	1858	1570	6.879723	
6	2	10	87.7	1977		8.183449	
7	2	9	88.7	1655		8.510482	
8	2	16	78.1	1183		10.274731	
9	3	11	79.4	1882	1918	11.023917	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	54.6			0.689694	
1	3	16	81.7	1794	1497	1.683351	
2	1	6	54.9			2.298224	
3	1	10	96.6			3.623895	
4	2	10	62.3	1270		4.283036	
5	3	11	54.4	1984	1749	4.812394	
6	2	14	87	1776		6.447958	1
7	3	11	84.1	1923	1846	6.907224	
8	3	14	57.8	1262	1913	7.634816	
9	2	7	61.3	1426		9.088886	
10	1	6	95.3			9.392848	
11	2	9	96.2	1667		11.005489	
12	2	15	67.4	1928		11.586531	

Bin5 Statistics 8

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	52.3	1655		0.127238	
1	2	18	57.1	1582		1.46303	
2	2	14	95	1429		1.9077	
3	1	19	70.7			2.983202	
4	2	13	63.6	1041		3.4599	
5	2	19	87.5	1940		4.114381	
6	2	19	59.1	1266		5.124299	
7	1	10	52.8			5.783756	1
8	1	7	77.5			6.847098	
9	1	9	66.6			7.644991	
10	1	12	99.5			8.318014	
11	2	14	50.3	1724		9.152145	
12	2	12	72.5	1858		9.822969	
13	3	16	88.3	1675	1267	11.087677	
14	3	15	55.9	1899	1872	11.464598	

Bin5 Statistics 9

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	7	68.7	1277	1204	0.188865	
1	2	10	69.1	1201		1.636475	
2	3	10	92.9	1741	1832	1.958178	
3	2	15	68.6	1034		3.529456	
4	1	13	90.7			3.932571	
5	3	8	52.7	1497	1818	4.76321	
6	2	15	76.2	1259		6.407078	1
7	2	5	71.1	1873		6.731108	
8	2	17	61.6	1173		7.726043	
9	2	19	99.9	1458		8.985826	
10	2	19	83.9	1342		9.985466	
11	2	12	73.9	1870		11.063805	
12	2	18	97	1858		11.530348	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	97.9			0.517386	
1	2	9	84	1327		2.318107	
2	2	17	56.6	1483		3.466462	
3	3	13	56.4	1713	1624	3.818594	
4	1	8	98.8			5.918109	
5	3	18	74.2	1103	1682	6.637677	1
6	3	6	94.4	1056	1584	7.373264	
7	2	15	70.1	1445		9.321859	
8	1	12	72.7			10.329488	
9	2	14	88.9	1550		11.70328	
0	1	9	97.9			0.517386	

Bin5 Statistics 11

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	17	87.2	1626	1221	0.908297	
1	2	15	80	1793		1.559068	
2	2	16	86.5	1888		2.435596	
3	2	9	63.9	1537		3.973302	
4	3	12	55	1204	1755	4.77653	
5	3	13	53.2	1123	1418	5.01261	
6	3	18	88.8	1557	1569	6.680524	1
7	2	14	91.8	1041		7.873073	
8	2	16	73.9	1822		8.548321	
9	2	8	50.3	1729		9.27608	
10	2	11	63.1	1816		10.208549	
11	2	8	82.8	1550		11.958096	
0	3	17	87.2	1626	1221	0.908297	

Bin5 Statistics 12

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	15	60.7	1321		0.27557	
1	2	8	96.2	1913		1.268836	
2	1	20	66.6			1.610484	
3	1	18	65.9			2.846932	
4	2	13	64.3	1809		3.451703	
5	2	14	61.3	1975		3.779075	
6	2	15	64.6	1866		5.185831	
7	1	7	60.6			5.91985	
8	2	9	98.9	1922		6.398971	1
9	1	12	50.5			7.289575	
10	3	10	61.3	1067	1893	7.73056	
11	3	15	93.4	1234	1060	8.48097	
12	2	13	86	1016		9.50642	
13	2	12	59.3	1604		9.824295	
14	2	11	92.9	1055		11.083187	
15	2	7	93.1	1217		11.601824	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	96.6			0.575639	1
1	1	7	84			1.496242	
2	2	7	100	1543		1.520611	
3	2	10	83.8	1846		2.495847	
4	1	7	98.9			3.656605	
5	1	9	62.6			4.419604	
6	2	15	94.9	1758		4.947872	
7	3	16	91.3	1581	1161	5.673229	
8	3	10	76	1653	1333	6.451695	
9	2	17	64.5	1612		7.055777	
10	1	15	92.9			7.890811	
11	2	18	85.3	1701		8.330399	
12	3	16	96.1	1605	1844	9.025182	
13	2	20	51.3	1796		9.989643	
14	2	7	87.3	1822		11.143196	
15	1	13	78.5			11.311978	

Bin5 Statistics 14

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	16	99.3	1907	1573	0.400635	1
1	1	19	92.1			1.909258	
2	1	10	59.9			2.083608	
3	3	5	84.5	1914	1597	3.144455	
4	2	13	82.7	1379		4.287395	
5	2	12	83.9	1231		5.830293	
6	1	9	71.4			6.899635	
7	3	13	75.1	1315	1779	7.264912	
8	2	20	95.7	1995		8.638958	
9	2	12	67.8	1757		9.891277	
10	2	19	74.4	1243		10.35278	
11	3	11	79.7	1669	1547	11.45298	

Bin5 Statistics 15

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	10	74.6	1910		0.07354	1
1	2	6	70.1	1034		1.098785	
2	2	8	53.5	1538		2.37282	
3	1	9	51.2			2.734004	
4	2	12	58.9	1951		4.157513	
5	2	8	98.3	1238		4.288998	
6	1	12	50			5.200191	
7	3	19	92.9	2000	1575	6.516726	
8	2	9	50.2	1424		7.10605	
9	3	19	62.5	1813	1961	8.094105	
10	2	8	73.9	1646		9.337077	
11	1	9	92			10.052811	
12	3	13	79.5	1044	1881	10.789867	
13	1	9	56.4			11.34277	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	53.5			0.518296	1
1	1	19	89.9			1.342182	
2	1	6	85.3			2.148209	
3	3	13	59.9	1942	1559	3.180917	
4	1	7	72.6			4.905471	
5	2	17	66.8	1329		5.828837	
6	3	5	57.8	1905	1622	6.695201	
7	2	13	80.8	1427		7.16038	
8	2	19	72.3	1916		8.912687	
9	2	5	72.2	1446		9.774671	
10	2	11	84.3	1530		10.15019	
11	2	9	84.1	1519		11.079338	

Bin5 Statistics 17

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	12	72.8	1845	1018	0.384459	
1	1	15	77.1			1.772868	
2	2	19	57.8	1129		3.127183	
3	3	19	62.5	1147	1089	3.643018	
4	2	7	62.1	1112		4.77995	
5	2	18	59.2	1266		5.52582	1
6	2	16	78	1980		6.984004	
7	1	17	61.1			8.383516	
8	2	10	72.8	1995		9.650394	
9	3	19	51.1	1055	1283	9.918908	
10	2	12	64.8	1531		11.344676	

Bin5 Statistics 18

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	19	53.4	1810		0.407673	
1	3	6	92.1	1183	1435	0.777776	
2	3	10	74.5	1914	1325	1.878067	
3	1	8	64.7			2.33945	
4	2	16	68.8	1494		2.807872	
5	2	11	70.9	1043		3.622277	
6	2	17	76.3	1118		4.003819	
7	3	15	71.7	1267	1825	4.778188	
8	2	17	83.4	1787		5.548813	
9	3	17	60.2	1721	1813	6.076877	1
10	2	9	66.5	1484		6.856679	
11	1	6	71			7.319779	
12	2	13	67.9	1024		7.817077	
13	3	9	78.4	1622	1146	8.659764	
14	1	14	99.5			8.9338	
15	2	11	71.6	1209		10.040816	
16	2	6	63.7	1793		10.177535	
17	1	6	75.9			10.818337	
18	1	11	91.3			11.647895	

Bin5 Statistics 19

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	16	57.5	1838		0.535171	
1	1	14	83.4			1.340244	
2	2	14	72.6	1684		2.21556	
3	3	11	90.2	1606	1588	2.809853	
4	1	15	85			3.751839	
5	3	18	53.5	1303	1323	4.700061	
6	1	10	50.8			5.542572	
7	2	7	67.5	1452		5.607605	1
8	2	6	50.2	1049		7.165188	
9	2	18	76.9	1768		7.307761	
10	2	18	80.1	1973		8.743942	
11	1	12	52.5			9.010726	
12	3	11	57.1	1193	1302	9.674837	
13	2	15	63.6	1584		10.541158	
14	2	8	94.6	1120		11.597704	

Bin5 Statistics 20

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	18	54.7	1747	1333	0.557604	
1	1	9	60.1			1.790222	
2	1	13	66			3.27282	
3	2	7	68.8	1800		4.596797	
4	2	11	88.5	1908		5.732717	1
5	2	13	79.6	1606		7.68308	
6	1	17	65.2			8.090208	
7	2	17	51.7	1621		10.127957	
8	2	19	58.8	1990		11.930032	

Bin5 Statistics 21

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	18	76	1432	1834	0.118174	
1	1	20	77.7			0.774565	
2	1	16	75.4			1.52487	
3	3	6	86.2	1052	1138	1.971027	
4	1	9	90.7			2.865352	
5	2	18	54	1904		3.355651	
6	2	16	96.4	1598		4.092679	
7	2	7	82.5	1727		4.698587	
8	2	12	59	1069		5.150925	
9	1	13	53.3			6.09043	1
10	1	17	53.5			6.653756	
11	2	20	75.6	1578		7.548044	
12	1	16	92.7			7.592126	
13	3	13	56.4	1084	1448	8.689848	
14	1	18	81.3			9.055122	
15	2	7	60.6	1579		10.003893	
16	2	17	79.7	1950		10.431691	
17	2	19	86.9	1597		11.115844	
18	2	16	59.9	1730		11.619948	

Bin5 Statistics 22

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	6	76.5	1524		0.454204	
1	2	7	50.7	1956		0.738159	
2	1	16	95.5			1.873036	
3	2	15	67.6	1747		2.015719	
4	2	11	56.2	1378		3.122586	
5	3	17	68.8	1712	1918	3.305251	
6	1	20	94.7			3.991467	
7	2	7	65	1575		4.436646	
8	2	17	63.6	1142		5.480487	
9	1	8	58.6			6.013446	1
10	3	14	58.6	1693	1516	6.549555	
11	3	16	67.9	1090	1744	7.334511	
12	2	9	75.3	1147		7.668284	
13	2	15	97.3	1518		8.552222	
14	2	10	89.7	1046		8.864412	
15	2	12	70.8	1245		9.957023	
16	2	8	63.3	1340		10.560283	
17	2	5	82.1	1354		11.297235	
18	2	14	87	1697		11.71353	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	61.7			0.529104	
1	1	16	60.1			1.66007	
2	3	14	51.5	1351	1883	2.273994	
3	2	11	89.6	1280		3.624758	
4	2	15	58.9	1207		4.869541	
5	2	15	97.9	1936		5.724851	1
6	3	10	74.3	1729	1428	6.840545	
7	1	11	97.9			7.812247	
8	2	11	69.8	1828		9.724085	
9	3	6	67.3	1902	1741	10.759819	
10	1	20	62.4			11.656929	

Bin5 Statistics 24

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	18	58.5	1117	1151	0.645544	1
1	2	19	83.4	1552		2.202181	
2	3	19	88.8	1404	1658	2.808683	
3	2	12	96.3	1091		4.085294	
4	2	12	67.5	1415		5.246188	
5	1	12	65.4			6.975602	
6	2	8	63.1	1390		8.319999	
7	2	10	87.8	1070		8.964436	
8	3	15	90.3	1732	1347	10.580638	
9	1	10	81.7			11.07224	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	59.6			0.009488	1
1	2	6	68.4	1112		1.814494	
2	3	7	76.8	1206	1183	3.692797	
3	2	17	88.1	1552		5.794898	
4	2	13	75.2	1715		6.642011	
5	1	13	61.1			8.239161	
6	1	8	88.9			9.698718	
7	2	6	51.4	1843		11.509897	

Bin5 Statistics 26

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	12	79.1	1375	1108	0.84305	
1	1	16	65.7			1.470164	
2	1	12	89.7			2.41404	
3	2	16	78.7	1890		3.396022	
4	1	11	61.3			5.368584	
5	1	9	78.4			5.63391	1
6	2	8	63.7	1117		7.000084	
7	2	17	87.2	1941		8.299692	
8	3	14	71.5	1686	1910	9.264421	
9	2	16	59.6	1237		10.852133	
10	2	7	62.5	1477		11.124095	

Bin5 Statistics 27

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	7	78.5	1227	1429	0.898539	
1	2	8	53.2	1875		2.192383	
2	3	6	69	1418	1647	2.482668	
3	2	18	56.1	1819		4.5901	
4	2	13	79.9	1149		5.700786	
5	1	15	60.3			7.154518	1
6	3	11	70.5	1196	1930	7.733009	
7	2	19	52.1	1620		9.159663	
8	2	20	58.5	1196		10.537827	
9	2	13	53.5	1731		10.901798	

Bin5 Statistics 28

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	16	91.5	1118		0.274695	
1	2	6	76.6	1949		1.405943	
2	3	17	96.1	1449	1525	2.035161	
3	2	19	70	1789		2.350913	
4	3	12	75.1	1952	1089	3.004883	
5	2	19	59.1	1388		4.212616	
6	3	12	81.2	1186	1814	4.863305	
7	3	7	58.9	1861	1327	5.25062	
8	3	18	84.2	1009	1959	5.874503	1
9	1	12	89.3			6.353275	
10	2	15	84.9	1600		7.134754	
11	1	16	89.3			7.982433	
12	1	18	76			8.784848	
13	1	8	81.8			9.698362	
14	3	11	75.4	1995	1302	10.33039	
15	2	19	64.7	1442		10.631546	
16	1	8	93			11.566857	

Bin5 Statistics 29

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	19	66.1	1695	1978	0.496566	
1	2	12	82.3	1049		0.952953	
2	1	20	79.3			1.736475	
3	1	15	93.2			2.121793	
4	2	20	72	1267		2.879866	
5	1	18	50.6			3.405257	
6	2	10	67.9	1412		4.011258	
7	1	20	71.4			4.556369	
8	3	6	98.7	1192	1204	5.629407	
9	2	18	94.2	1703		5.927547	1
10	2	9	64.3	1959		6.562502	
11	3	20	62.1	1940	1714	7.138916	
12	3	13	94.7	1147	1242	8.174993	
13	2	9	75.6	1001		8.380092	
14	2	13	83.1	1624		9.210206	
15	2	7	93.8	1538		9.801628	
16	3	19	85.1	1339	1162	10.2433	
17	2	9	76.6	1966		11.295749	
18	3	17	79.7	1919	1200	11.435421	

Bin5 Statistics 30

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	9	74.8	1083		0.45604	
1	2	9	59.4	1437		1.744577	
2	1	12	51			2.703122	
3	1	15	67.1			3.664349	
4	1	7	88.7			4.414731	
5	2	17	73.7	1082		5.220474	
6	1	18	58.6			5.545221	1
7	3	11	58.3	1672	1284	6.579026	
8	3	17	94.1	1883	1507	8.17164	
9	2	18	60.1	1451		9.167435	
10	2	9	76.5	1622		9.645467	
11	1	8	92.9			10.499782	
12	1	13	53.9			11.873167	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5270	9	1	333	1	5667.0, 5704.0, 5499.0, 5373.0, 5491.0, 5699.0, 5533.0, 5282.0, 5678.0, 5437.0, 5312.0, 5425.0, 5353.0, 5615.0, 5679.0, 5324.0, 5562.0, 5386.0, 5306.0, 5576.0, 5305.0, 5594.0, 5408.0, 5466.0, 5689.0, 5504.0, 5414.0, 5296.0, 5686.0, 5672.0, 5691.0, 5483.0, 5530.0, 5447.0, 5412.0, 5490.0, 5581.0, 5487.0, 5350.0, 5548.0, 5286.0, 5612.0, 5640.0, 5458.0, 5428.0, 5718.0, 5270.0, 5685.0, 5451.0, 5526.0, 5438.0, 5372.0, 5613.0, 5367.0, 5564.0, 5261.0, 5638.0, 5531.0, 5347.0, 5310.0, 5436.0, 5327.0, 5518.0, 5694.0, 5434.0, 5435.0, 5503.0, 5383.0, 5579.0, 5676.0, 5462.0, 5449.0, 5625.0, 5304.0, 5688.0, 5652.0, 5289.0, 5267.0, 5690.0, 5602.0, 5262.0, 5290.0, 5629.0, 5711.0, 5522.0, 5698.0, 5558.0, 5622.0, 5706.0, 5352.0, 5429.0, 5488.0, 5376.0, 5366.0, 5527.0, 5670.0, 5443.0, 5577.0, 5542.0, 5643.0 (number of hits: 9)
2	5270	9	1	333	1	5555.0, 5440.0, 5582.0, 5420.0, 5650.0, 5431.0, 5632.0, 5390.0, 5699.0, 5399.0, 5637.0, 5445.0, 5461.0, 5536.0, 5350.0, 5718.0, 5397.0, 5497.0, 5561.0, 5586.0, 5499.0, 5259.0, 5572.0, 5441.0, 5300.0, 5334.0, 5634.0, 5279.0, 5686.0, 5408.0, 5509.0, 5657.0, 5705.0, 5673.0, 5372.0, 5702.0, 5416.0, 5262.0, 5614.0, 5492.0, 5519.0, 5535.0, 5379.0, 5552.0, 5444.0, 5447.0, 5297.0, 5443.0, 5565.0, 5464.0, 5296.0, 5713.0, 5392.0, 5528.0, 5301.0, 5456.0, 5386.0, 5358.0, 5697.0, 5665.0, 5595.0, 5466.0, 5521.0, 5720.0, 5407.0, 5500.0, 5636.0, 5715.0, 5679.0, 5308.0, 5505.0, 5680.0, 5677.0, 5389.0, 5344.0, 5484.0, 5579.0, 5649.0, 5339.0, 5306.0, 5690.0, 5611.0, 5340.0, 5691.0, 5400.0, 5274.0, 5434.0, 5620.0, 5451.0, 5474.0, 5640.0, 5477.0, 5598.0, 5326.0, 5330.0, 5512.0, 5333.0, 5412.0, 5256.0, 5295.0 (number of hits: 7)
3	5270	9	1	333	1	5333.0, 5630.0, 5602.0, 5697.0, 5661.0, 5292.0, 5391.0, 5675.0, 5717.0, 5260.0, 5596.0, 5322.0, 5559.0, 5568.0, 5370.0, 5425.0, 5648.0, 5309.0, 5393.0, 5492.0, 5343.0, 5485.0, 5400.0, 5534.0, 5254.0, 5665.0, 5607.0, 5385.0, 5378.0, 5441.0, 5366.0, 5637.0, 5545.0, 5324.0, 5620.0, 5476.0, 5410.0, 5506.0, 5299.0, 5455.0, 5344.0, 5591.0, 5436.0, 5517.0, 5705.0, 5574.0, 5450.0, 5414.0, 5613.0, 5268.0, 5552.0, 5553.0, 5681.0, 5293.0, 5301.0, 5610.0, 5399.0, 5547.0, 5633.0, 5590.0,

						5723.0, 5359.0, 5443.0, 5352.0, 5496.0, 5272.0, 5679.0, 5664.0, 5300.0, 5348.0, 5256.0, 5672.0, 5426.0, 5477.0, 5470.0, 5532.0, 5421.0, 5698.0, 5296.0, 5465.0, 5585.0, 5625.0, 5362.0, 5287.0, 5481.0, 5467.0, 5645.0, 5507.0, 5297.0, 5680.0, 5262.0, 5405.0, 5616.0, 5251.0, 5263.0, 5323.0, 5349.0, 5464.0, 5401.0, 5432.0 (number of hits: 9)
4	5270	9	1	333	1	5620.0, 5430.0, 5515.0, 5457.0, 5427.0, 5342.0, 5611.0, 5670.0, 5509.0, 5593.0, 5258.0, 5476.0, 5492.0, 5589.0, 5375.0, 5419.0, 5579.0, 5706.0, 5433.0, 5664.0, 5432.0, 5598.0, 5254.0, 5683.0, 5475.0, 5412.0, 5555.0, 5607.0, 5454.0, 5338.0, 5626.0, 5370.0, 5331.0, 5435.0, 5552.0, 5563.0, 5424.0, 5270.0, 5669.0, 5695.0, 5486.0, 5418.0, 5536.0, 5449.0, 5459.0, 5713.0, 5660.0, 5602.0, 5372.0, 5337.0, 5330.0, 5519.0, 5450.0, 5523.0, 5346.0, 5366.0, 5606.0, 5554.0, 5414.0, 5321.0, 5446.0, 5641.0, 5578.0, 5373.0, 5628.0, 5471.0, 5285.0, 5577.0, 5635.0, 5619.0, 5354.0, 5308.0, 5464.0, 5465.0, 5291.0, 5651.0, 5663.0, 5431.0, 5502.0, 5603.0, 5392.0, 5445.0, 5648.0, 5423.0, 5322.0, 5347.0, 5631.0, 5295.0, 5632.0, 5532.0, 5303.0, 5262.0, 5592.0, 5390.0, 5622.0, 5623.0, 5665.0, 5717.0, 5537.0, 5562.0 (number of hits: 5)
5	5270	9	1	333	1	5372.0, 5459.0, 5455.0, 5356.0, 5374.0, 5595.0, 5522.0, 5649.0, 5629.0, 5399.0, 5472.0, 5371.0, 5659.0, 5615.0, 5436.0, 5503.0, 5718.0, 5387.0, 5550.0, 5571.0, 5452.0, 5316.0, 5646.0, 5712.0, 5279.0, 5400.0, 5682.0, 5636.0, 5333.0, 5544.0, 5526.0, 5350.0, 5716.0, 5474.0, 5344.0, 5281.0, 5672.0, 5287.0, 5720.0, 5605.0, 5523.0, 5411.0, 5545.0, 5488.0, 5323.0, 5486.0, 5637.0, 5540.0, 5493.0, 5256.0, 5578.0, 5558.0, 5664.0, 5651.0, 5562.0, 5311.0, 5630.0, 5443.0, 5722.0, 5535.0, 5413.0, 5594.0, 5431.0, 5337.0, 5707.0, 5261.0, 5395.0, 5480.0, 5609.0, 5564.0, 5280.0, 5689.0, 5296.0, 5592.0, 5305.0, 5250.0, 5343.0, 5506.0, 5611.0, 5471.0, 5679.0, 5300.0, 5384.0, 5567.0, 5497.0, 5677.0, 5568.0, 5469.0, 5447.0, 5339.0, 5525.0, 5502.0, 5588.0, 5531.0, 5579.0, 5297.0, 5721.0, 5693.0, 5590.0, 5513.0 (number of hits: 6)
6	5270	9	1	333	1	5540.0, 5679.0, 5269.0, 5663.0, 5392.0, 5405.0, 5481.0, 5582.0, 5525.0, 5368.0, 5497.0, 5476.0, 5643.0, 5524.0, 5252.0, 5267.0, 5427.0, 5295.0, 5709.0, 5555.0, 5669.0, 5590.0, 5572.0, 5509.0, 5455.0, 5454.0, 5286.0, 5292.0, 5561.0, 5601.0, 5690.0, 5482.0, 5548.0, 5485.0, 5584.0, 5307.0, 5256.0, 5425.0, 5429.0, 5575.0,

						5372.0, 5556.0, 5486.0, 5611.0, 5404.0, 5415.0, 5403.0, 5512.0, 5707.0, 5371.0, 5357.0, 5717.0, 5494.0, 5521.0, 5304.0, 5315.0, 5365.0, 5477.0, 5571.0, 5569.0, 5644.0, 5379.0, 5361.0, 5671.0, 5335.0, 5559.0, 5662.0, 5448.0, 5458.0, 5451.0, 5383.0, 5614.0, 5460.0, 5436.0, 5343.0, 5606.0, 5349.0, 5578.0, 5290.0, 5274.0, 5390.0, 5591.0, 5610.0, 5653.0, 5682.0, 5649.0, 5646.0, 5277.0, 5261.0, 5438.0, 5459.0, 5457.0, 5670.0, 5588.0, 5313.0, 5634.0, 5544.0, 5562.0, 5697.0, 5527.0 (number of hits: 7)
7	5270	9	1	333	1	5534.0, 5446.0, 5584.0, 5291.0, 5560.0, 5671.0, 5682.0, 5452.0, 5558.0, 5658.0, 5704.0, 5350.0, 5679.0, 5423.0, 5294.0, 5693.0, 5261.0, 5518.0, 5632.0, 5652.0, 5421.0, 5481.0, 5618.0, 5330.0, 5324.0, 5615.0, 5448.0, 5353.0, 5267.0, 5628.0, 5634.0, 5425.0, 5501.0, 5707.0, 5688.0, 5525.0, 5464.0, 5579.0, 5252.0, 5441.0, 5604.0, 5340.0, 5256.0, 5369.0, 5661.0, 5437.0, 5269.0, 5367.0, 5611.0, 5472.0, 5684.0, 5454.0, 5372.0, 5399.0, 5376.0, 5265.0, 5444.0, 5251.0, 5657.0, 5692.0, 5619.0, 5675.0, 5341.0, 5614.0, 5428.0, 5392.0, 5631.0, 5347.0, 5672.0, 5612.0, 5397.0, 5515.0, 5416.0, 5498.0, 5542.0, 5393.0, 5468.0, 5533.0, 5326.0, 5655.0, 5387.0, 5513.0, 5329.0, 5493.0, 5336.0, 5687.0, 5370.0, 5543.0, 5351.0, 5588.0, 5450.0, 5281.0, 5616.0, 5257.0, 5418.0, 5322.0, 5538.0, 5404.0, 5490.0, 5358.0 (number of hits: 2)
8	5270	9	1	333	1	5528.0, 5327.0, 5504.0, 5509.0, 5617.0, 5499.0, 5474.0, 5519.0, 5449.0, 5644.0, 5598.0, 5313.0, 5508.0, 5658.0, 5408.0, 5255.0, 5266.0, 5667.0, 5290.0, 5557.0, 5272.0, 5289.0, 5387.0, 5363.0, 5360.0, 5527.0, 5482.0, 5549.0, 5675.0, 5716.0, 5283.0, 5672.0, 5687.0, 5411.0, 5696.0, 5299.0, 5624.0, 5626.0, 5422.0, 5456.0, 5330.0, 5537.0, 5258.0, 5710.0, 5377.0, 5386.0, 5490.0, 5450.0, 5711.0, 5376.0, 5688.0, 5576.0, 5615.0, 5704.0, 5514.0, 5723.0, 5493.0, 5388.0, 5511.0, 5471.0, 5655.0, 5572.0, 5604.0, 5385.0, 5355.0, 5513.0, 5342.0, 5305.0, 5548.0, 5264.0, 5430.0, 5714.0, 5353.0, 5275.0, 5684.0, 5383.0, 5515.0, 5336.0, 5463.0, 5378.0, 5320.0, 5344.0, 5348.0, 5262.0, 5588.0, 5335.0, 5370.0, 5719.0, 5314.0, 5633.0, 5393.0, 5339.0, 5401.0, 5391.0, 5538.0, 5415.0, 5586.0, 5607.0, 5709.0, 5505.0 (number of hits: 6)
9	5270	9	1	333	1	5363.0, 5268.0, 5352.0, 5592.0, 5486.0, 5439.0, 5648.0, 5694.0, 5540.0, 5322.0, 5681.0, 5525.0, 5412.0, 5453.0, 5593.0, 5610.0, 5431.0, 5263.0, 5548.0, 5337.0,

						5488.0, 5691.0, 5300.0, 5561.0, 5282.0, 5538.0, 5615.0, 5347.0, 5423.0, 5543.0, 5355.0, 5454.0, 5535.0, 5469.0, 5690.0, 5657.0, 5414.0, 5418.0, 5556.0, 5570.0, 5527.0, 5478.0, 5633.0, 5432.0, 5386.0, 5723.0, 5335.0, 5675.0, 5455.0, 5281.0, 5714.0, 5682.0, 5290.0, 5356.0, 5381.0, 5459.0, 5560.0, 5622.0, 5339.0, 5396.0, 5605.0, 5383.0, 5380.0, 5297.0, 5607.0, 5419.0, 5284.0, 5506.0, 5573.0, 5311.0, 5712.0, 5467.0, 5717.0, 5568.0, 5532.0, 5354.0, 5402.0, 5649.0, 5376.0, 5645.0, 5378.0, 5706.0, 5628.0, 5460.0, 5686.0, 5286.0, 5687.0, 5677.0, 5474.0, 5428.0, 5416.0, 5270.0, 5683.0, 5353.0, 5701.0, 5580.0, 5526.0, 5465.0, 5291.0, 5303.0 (number of hits: 7)
10	5270	9	1	333	1	5604.0, 5319.0, 5392.0, 5394.0, 5440.0, 5281.0, 5306.0, 5660.0, 5412.0, 5633.0, 5514.0, 5631.0, 5587.0, 5495.0, 5528.0, 5362.0, 5523.0, 5333.0, 5291.0, 5259.0, 5307.0, 5526.0, 5316.0, 5463.0, 5368.0, 5642.0, 5682.0, 5649.0, 5464.0, 5628.0, 5653.0, 5357.0, 5537.0, 5490.0, 5639.0, 5286.0, 5652.0, 5258.0, 5374.0, 5505.0, 5719.0, 5477.0, 5690.0, 5424.0, 5564.0, 5614.0, 5343.0, 5453.0, 5545.0, 5681.0, 5548.0, 5687.0, 5309.0, 5586.0, 5297.0, 5272.0, 5383.0, 5288.0, 5384.0, 5300.0, 5673.0, 5504.0, 5697.0, 5683.0, 5722.0, 5301.0, 5269.0, 5438.0, 5363.0, 5609.0, 5717.0, 5512.0, 5557.0, 5265.0, 5255.0, 5509.0, 5559.0, 5519.0, 5560.0, 5408.0, 5561.0, 5709.0, 5689.0, 5648.0, 5335.0, 5574.0, 5314.0, 5458.0, 5530.0, 5405.0, 5641.0, 5473.0, 5292.0, 5525.0, 5431.0, 5407.0, 5693.0, 5677.0, 5542.0, 5398.0 (number of hits: 11)
11	5270	9	1	333	1	5442.0, 5646.0, 5490.0, 5636.0, 5482.0, 5330.0, 5269.0, 5654.0, 5508.0, 5329.0, 5494.0, 5554.0, 5514.0, 5579.0, 5335.0, 5412.0, 5465.0, 5415.0, 5396.0, 5644.0, 5671.0, 5376.0, 5637.0, 5599.0, 5527.0, 5602.0, 5306.0, 5622.0, 5546.0, 5347.0, 5660.0, 5517.0, 5634.0, 5707.0, 5544.0, 5556.0, 5423.0, 5449.0, 5569.0, 5613.0, 5263.0, 5605.0, 5703.0, 5566.0, 5393.0, 5523.0, 5432.0, 5537.0, 5414.0, 5630.0, 5686.0, 5434.0, 5536.0, 5525.0, 5705.0, 5629.0, 5513.0, 5549.0, 5453.0, 5322.0, 5281.0, 5500.0, 5402.0, 5663.0, 5619.0, 5706.0, 5391.0, 5294.0, 5358.0, 5501.0, 5447.0, 5710.0, 5552.0, 5351.0, 5709.0, 5713.0, 5441.0, 5256.0, 5694.0, 5661.0, 5348.0, 5496.0, 5456.0, 5721.0, 5540.0, 5547.0, 5275.0, 5421.0, 5274.0, 5607.0, 5426.0, 5609.0, 5321.0, 5595.0, 5461.0, 5516.0, 5610.0, 5367.0, 5691.0, 5611.0 (number of hits: 2)

12	5270	9	1	333	1	5620.0, 5413.0, 5523.0, 5272.0, 5536.0, 5280.0, 5416.0, 5391.0, 5406.0, 5503.0, 5606.0, 5368.0, 5422.0, 5717.0, 5399.0, 5575.0, 5521.0, 5615.0, 5455.0, 5298.0, 5577.0, 5479.0, 5263.0, 5352.0, 5640.0, 5547.0, 5364.0, 5590.0, 5603.0, 5669.0, 5482.0, 5374.0, 5287.0, 5429.0, 5648.0, 5627.0, 5513.0, 5442.0, 5544.0, 5348.0, 5674.0, 5654.0, 5596.0, 5569.0, 5458.0, 5405.0, 5537.0, 5269.0, 5566.0, 5617.0, 5688.0, 5465.0, 5321.0, 5633.0, 5464.0, 5557.0, 5644.0, 5691.0, 5331.0, 5571.0, 5353.0, 5659.0, 5699.0, 5696.0, 5310.0, 5339.0, 5344.0, 5460.0, 5477.0, 5508.0, 5646.0, 5433.0, 5639.0, 5702.0, 5573.0, 5265.0, 5253.0, 5335.0, 5661.0, 5655.0, 5475.0, 5542.0, 5346.0, 5452.0, 5396.0, 5530.0, 5595.0, 5668.0, 5517.0, 5313.0, 5457.0, 5629.0, 5490.0, 5718.0, 5349.0, 5281.0, 5308.0, 5362.0, 5448.0, 5515.0 (number of hits: 5)
13	5270	9	1	333	1	5421.0, 5377.0, 5319.0, 5528.0, 5612.0, 5527.0, 5705.0, 5267.0, 5512.0, 5425.0, 5697.0, 5411.0, 5561.0, 5644.0, 5552.0, 5574.0, 5545.0, 5614.0, 5562.0, 5688.0, 5292.0, 5469.0, 5536.0, 5516.0, 5275.0, 5501.0, 5365.0, 5564.0, 5443.0, 5437.0, 5408.0, 5532.0, 5387.0, 5389.0, 5649.0, 5637.0, 5310.0, 5559.0, 5719.0, 5270.0, 5662.0, 5714.0, 5706.0, 5503.0, 5496.0, 5390.0, 5691.0, 5673.0, 5337.0, 5461.0, 5596.0, 5326.0, 5449.0, 5657.0, 5651.0, 5330.0, 5495.0, 5280.0, 5553.0, 5702.0, 5698.0, 5357.0, 5593.0, 5631.0, 5504.0, 5600.0, 5322.0, 5686.0, 5264.0, 5678.0, 5324.0, 5641.0, 5620.0, 5607.0, 5336.0, 5385.0, 5519.0, 5522.0, 5664.0, 5499.0, 5659.0, 5712.0, 5510.0, 5325.0, 5624.0, 5542.0, 5386.0, 5490.0, 5493.0, 5491.0, 5281.0, 5294.0, 5316.0, 5589.0, 5338.0, 5347.0, 5514.0, 5489.0, 5680.0, 5618.0 (number of hits: 3)
14	5270	9	1	333	1	5365.0, 5571.0, 5603.0, 5407.0, 5597.0, 5690.0, 5692.0, 5683.0, 5610.0, 5374.0, 5284.0, 5588.0, 5694.0, 5489.0, 5462.0, 5565.0, 5707.0, 5259.0, 5592.0, 5405.0, 5278.0, 5614.0, 5566.0, 5505.0, 5586.0, 5422.0, 5721.0, 5292.0, 5552.0, 5589.0, 5333.0, 5291.0, 5438.0, 5688.0, 5340.0, 5551.0, 5281.0, 5509.0, 5627.0, 5309.0, 5582.0, 5479.0, 5695.0, 5553.0, 5279.0, 5699.0, 5501.0, 5544.0, 5569.0, 5286.0, 5388.0, 5494.0, 5406.0, 5318.0, 5616.0, 5302.0, 5288.0, 5722.0, 5642.0, 5467.0, 5348.0, 5568.0, 5276.0, 5412.0, 5562.0, 5537.0, 5704.0, 5663.0, 5290.0, 5301.0, 5424.0, 5674.0, 5550.0, 5608.0, 5480.0, 5411.0, 5697.0, 5570.0, 5439.0, 5573.0, 5450.0, 5567.0, 5408.0, 5273.0, 5287.0,

						5260.0, 5623.0, 5431.0, 5653.0, 5575.0, 5711.0, 5386.0, 5540.0, 5280.0, 5399.0, 5632.0, 5662.0, 5393.0, 5528.0, 5657.0 (number of hits: 9)
15	5270	9	1	333	1	5272.0, 5288.0, 5452.0, 5691.0, 5267.0, 5678.0, 5608.0, 5587.0, 5334.0, 5653.0, 5289.0, 5700.0, 5695.0, 5632.0, 5569.0, 5654.0, 5259.0, 5348.0, 5631.0, 5507.0, 5614.0, 5605.0, 5282.0, 5540.0, 5285.0, 5448.0, 5544.0, 5453.0, 5716.0, 5567.0, 5599.0, 5388.0, 5455.0, 5694.0, 5471.0, 5356.0, 5487.0, 5292.0, 5352.0, 5475.0, 5269.0, 5721.0, 5290.0, 5375.0, 5379.0, 5381.0, 5638.0, 5414.0, 5559.0, 5343.0, 5377.0, 5271.0, 5712.0, 5484.0, 5426.0, 5293.0, 5315.0, 5673.0, 5490.0, 5542.0, 5337.0, 5566.0, 5548.0, 5417.0, 5493.0, 5500.0, 5415.0, 5503.0, 5329.0, 5689.0, 5436.0, 5405.0, 5402.0, 5340.0, 5351.0, 5397.0, 5505.0, 5270.0, 5655.0, 5261.0, 5342.0, 5557.0, 5647.0, 5482.0, 5661.0, 5679.0, 5392.0, 5492.0, 5446.0, 5506.0, 5396.0, 5649.0, 5502.0, 5509.0, 5354.0, 5494.0, 5463.0, 5577.0, 5489.0, 5370.0 (number of hits: 6)
16	5270	9	1	333	1	5456.0, 5401.0, 5286.0, 5665.0, 5272.0, 5610.0, 5550.0, 5718.0, 5562.0, 5584.0, 5552.0, 5377.0, 5333.0, 5643.0, 5598.0, 5551.0, 5575.0, 5676.0, 5327.0, 5667.0, 5332.0, 5670.0, 5284.0, 5705.0, 5338.0, 5331.0, 5330.0, 5513.0, 5711.0, 5557.0, 5556.0, 5366.0, 5455.0, 5310.0, 5412.0, 5580.0, 5383.0, 5372.0, 5437.0, 5671.0, 5586.0, 5465.0, 5549.0, 5548.0, 5343.0, 5276.0, 5436.0, 5697.0, 5307.0, 5684.0, 5269.0, 5592.0, 5452.0, 5448.0, 5404.0, 5518.0, 5254.0, 5674.0, 5642.0, 5348.0, 5607.0, 5423.0, 5653.0, 5435.0, 5661.0, 5515.0, 5622.0, 5346.0, 5611.0, 5368.0, 5308.0, 5647.0, 5693.0, 5505.0, 5638.0, 5594.0, 5656.0, 5479.0, 5491.0, 5388.0, 5293.0, 5564.0, 5522.0, 5357.0, 5668.0, 5441.0, 5415.0, 5543.0, 5341.0, 5486.0, 5283.0, 5720.0, 5663.0, 5385.0, 5271.0, 5698.0, 5482.0, 5500.0, 5258.0, 5461.0 (number of hits: 5)
17	5270	9	1	333	1	5307.0, 5432.0, 5457.0, 5373.0, 5340.0, 5642.0, 5306.0, 5714.0, 5283.0, 5446.0, 5266.0, 5410.0, 5302.0, 5648.0, 5687.0, 5300.0, 5690.0, 5713.0, 5587.0, 5279.0, 5451.0, 5664.0, 5659.0, 5672.0, 5550.0, 5505.0, 5284.0, 5477.0, 5453.0, 5406.0, 5708.0, 5699.0, 5397.0, 5461.0, 5382.0, 5290.0, 5627.0, 5694.0, 5403.0, 5613.0, 5381.0, 5292.0, 5680.0, 5682.0, 5409.0, 5489.0, 5447.0, 5684.0, 5501.0, 5480.0, 5528.0, 5688.0, 5276.0, 5513.0, 5396.0, 5377.0, 5616.0, 5298.0, 5704.0, 5323.0, 5515.0, 5609.0, 5422.0, 5551.0, 5473.0,

						5584.0, 5408.0, 5288.0, 5281.0, 5328.0, 5350.0, 5357.0, 5391.0, 5612.0, 5380.0, 5423.0, 5324.0, 5696.0, 5637.0, 5577.0, 5529.0, 5592.0, 5384.0, 5527.0, 5667.0, 5504.0, 5553.0, 5552.0, 5499.0, 5594.0, 5261.0, 5428.0, 5454.0, 5666.0, 5523.0, 5303.0, 5539.0, 5445.0, 5314.0, 5709.0 (number of hits: 10)
18	5270	9	1	333	1	5668.0, 5711.0, 5271.0, 5279.0, 5527.0, 5269.0, 5512.0, 5525.0, 5354.0, 5473.0, 5372.0, 5265.0, 5599.0, 5619.0, 5276.0, 5336.0, 5713.0, 5499.0, 5303.0, 5697.0, 5586.0, 5502.0, 5645.0, 5341.0, 5552.0, 5641.0, 5463.0, 5391.0, 5400.0, 5273.0, 5555.0, 5322.0, 5353.0, 5450.0, 5671.0, 5255.0, 5514.0, 5432.0, 5629.0, 5411.0, 5438.0, 5695.0, 5323.0, 5560.0, 5285.0, 5294.0, 5681.0, 5298.0, 5315.0, 5419.0, 5716.0, 5270.0, 5440.0, 5359.0, 5655.0, 5467.0, 5456.0, 5402.0, 5557.0, 5487.0, 5583.0, 5383.0, 5547.0, 5593.0, 5366.0, 5453.0, 5283.0, 5636.0, 5541.0, 5312.0, 5646.0, 5490.0, 5480.0, 5579.0, 5705.0, 5546.0, 5677.0, 5261.0, 5648.0, 5592.0, 5313.0, 5684.0, 5563.0, 5562.0, 5651.0, 5673.0, 5436.0, 5441.0, 5616.0, 5319.0, 5536.0, 5434.0, 5682.0, 5369.0, 5535.0, 5452.0, 5346.0, 5364.0, 5470.0, 5549.0 (number of hits: 6)
19	5270	9	1	333	1	5310.0, 5456.0, 5252.0, 5538.0, 5543.0, 5442.0, 5373.0, 5713.0, 5487.0, 5614.0, 5691.0, 5690.0, 5639.0, 5483.0, 5441.0, 5561.0, 5599.0, 5546.0, 5633.0, 5593.0, 5267.0, 5704.0, 5412.0, 5558.0, 5525.0, 5627.0, 5720.0, 5282.0, 5523.0, 5687.0, 5340.0, 5630.0, 5402.0, 5498.0, 5409.0, 5263.0, 5493.0, 5609.0, 5452.0, 5459.0, 5379.0, 5504.0, 5592.0, 5317.0, 5349.0, 5492.0, 5480.0, 5309.0, 5386.0, 5529.0, 5693.0, 5578.0, 5676.0, 5471.0, 5291.0, 5510.0, 5403.0, 5323.0, 5327.0, 5337.0, 5372.0, 5335.0, 5524.0, 5467.0, 5399.0, 5618.0, 5590.0, 5383.0, 5395.0, 5461.0, 5678.0, 5595.0, 5421.0, 5499.0, 5454.0, 5254.0, 5586.0, 5576.0, 5712.0, 5626.0, 5255.0, 5677.0, 5629.0, 5637.0, 5293.0, 5300.0, 5553.0, 5391.0, 5567.0, 5652.0, 5423.0, 5496.0, 5551.0, 5266.0, 5501.0, 5305.0, 5298.0, 5286.0, 5362.0, 5376.0 (number of hits: 8)
20	5270	9	1	333	1	5721.0, 5624.0, 5380.0, 5430.0, 5712.0, 5321.0, 5519.0, 5536.0, 5680.0, 5399.0, 5435.0, 5563.0, 5545.0, 5323.0, 5487.0, 5582.0, 5575.0, 5681.0, 5393.0, 5523.0, 5692.0, 5297.0, 5364.0, 5354.0, 5368.0, 5348.0, 5350.0, 5605.0, 5318.0, 5285.0, 5579.0, 5376.0, 5358.0, 5653.0, 5599.0, 5274.0, 5592.0, 5666.0, 5687.0, 5375.0, 5573.0, 5676.0, 5473.0, 5593.0, 5284.0,

						5489.0, 5441.0, 5724.0, 5337.0, 5437.0, 5524.0, 5675.0, 5452.0, 5566.0, 5272.0, 5352.0, 5340.0, 5379.0, 5531.0, 5445.0, 5495.0, 5326.0, 5474.0, 5540.0, 5440.0, 5498.0, 5398.0, 5601.0, 5268.0, 5551.0, 5533.0, 5658.0, 5432.0, 5491.0, 5527.0, 5501.0, 5700.0, 5447.0, 5347.0, 5494.0, 5444.0, 5464.0, 5351.0, 5305.0, 5458.0, 5620.0, 5338.0, 5708.0, 5299.0, 5663.0, 5503.0, 5665.0, 5339.0, 5334.0, 5637.0, 5346.0, 5366.0, 5603.0, 5406.0, 5510.0 (number of hits: 4)
21	5270	9	1	333	1	5551.0, 5683.0, 5623.0, 5259.0, 5431.0, 5621.0, 5498.0, 5349.0, 5653.0, 5252.0, 5676.0, 5296.0, 5669.0, 5716.0, 5485.0, 5377.0, 5451.0, 5691.0, 5595.0, 5619.0, 5329.0, 5479.0, 5646.0, 5335.0, 5709.0, 5588.0, 5433.0, 5682.0, 5328.0, 5532.0, 5300.0, 5576.0, 5453.0, 5500.0, 5478.0, 5677.0, 5452.0, 5697.0, 5511.0, 5421.0, 5384.0, 5700.0, 5385.0, 5417.0, 5634.0, 5357.0, 5533.0, 5287.0, 5269.0, 5530.0, 5593.0, 5618.0, 5406.0, 5261.0, 5316.0, 5416.0, 5630.0, 5260.0, 5639.0, 5537.0, 5707.0, 5306.0, 5392.0, 5622.0, 5523.0, 5366.0, 5466.0, 5545.0, 5520.0, 5499.0, 5686.0, 5517.0, 5290.0, 5502.0, 5573.0, 5339.0, 5254.0, 5436.0, 5344.0, 5696.0, 5584.0, 5661.0, 5447.0, 5265.0, 5425.0, 5378.0, 5400.0, 5704.0, 5631.0, 5251.0, 5504.0, 5354.0, 5684.0, 5596.0, 5612.0, 5490.0, 5427.0, 5326.0, 5457.0, 5713.0 (number of hits: 5)
22	5270	9	1	333	1	5708.0, 5372.0, 5324.0, 5513.0, 5330.0, 5576.0, 5461.0, 5449.0, 5571.0, 5319.0, 5426.0, 5387.0, 5439.0, 5506.0, 5599.0, 5693.0, 5411.0, 5587.0, 5716.0, 5346.0, 5658.0, 5622.0, 5306.0, 5371.0, 5327.0, 5529.0, 5706.0, 5275.0, 5373.0, 5554.0, 5335.0, 5333.0, 5400.0, 5501.0, 5466.0, 5623.0, 5442.0, 5644.0, 5385.0, 5617.0, 5445.0, 5543.0, 5273.0, 5669.0, 5555.0, 5651.0, 5359.0, 5251.0, 5564.0, 5713.0, 5267.0, 5307.0, 5580.0, 5504.0, 5561.0, 5538.0, 5672.0, 5536.0, 5482.0, 5516.0, 5635.0, 5370.0, 5419.0, 5573.0, 5295.0, 5279.0, 5263.0, 5478.0, 5514.0, 5551.0, 5570.0, 5671.0, 5395.0, 5512.0, 5710.0, 5687.0, 5380.0, 5493.0, 5640.0, 5402.0, 5523.0, 5505.0, 5722.0, 5382.0, 5699.0, 5309.0, 5334.0, 5440.0, 5365.0, 5349.0, 5688.0, 5616.0, 5362.0, 5584.0, 5562.0, 5430.0, 5579.0, 5645.0, 5310.0, 5606.0 (number of hits: 5)
23	5270	9	1	333	1	5276.0, 5293.0, 5457.0, 5526.0, 5490.0, 5367.0, 5399.0, 5496.0, 5258.0, 5554.0, 5431.0, 5443.0, 5558.0, 5657.0, 5540.0, 5627.0, 5550.0, 5359.0, 5438.0, 5325.0, 5461.0, 5449.0, 5559.0, 5599.0, 5282.0,

						5719.0, 5297.0, 5683.0, 5362.0, 5369.0, 5284.0, 5572.0, 5552.0, 5539.0, 5579.0, 5614.0, 5331.0, 5401.0, 5368.0, 5472.0, 5389.0, 5420.0, 5314.0, 5390.0, 5398.0, 5523.0, 5441.0, 5373.0, 5639.0, 5328.0, 5702.0, 5348.0, 5291.0, 5309.0, 5681.0, 5285.0, 5666.0, 5563.0, 5315.0, 5691.0, 5633.0, 5655.0, 5499.0, 5343.0, 5694.0, 5323.0, 5602.0, 5478.0, 5542.0, 5263.0, 5598.0, 5332.0, 5271.0, 5714.0, 5384.0, 5604.0, 5433.0, 5590.0, 5447.0, 5485.0, 5256.0, 5535.0, 5442.0, 5424.0, 5516.0, 5378.0, 5519.0, 5651.0, 5596.0, 5704.0, 5427.0, 5418.0, 5394.0, 5600.0, 5528.0, 5698.0, 5312.0, 5407.0, 5566.0, 5509.0 (number of hits: 7)
24	5270	9	1	333	1	5371.0, 5632.0, 5322.0, 5665.0, 5350.0, 5497.0, 5403.0, 5388.0, 5301.0, 5276.0, 5353.0, 5506.0, 5622.0, 5439.0, 5319.0, 5449.0, 5333.0, 5287.0, 5680.0, 5336.0, 5717.0, 5522.0, 5307.0, 5303.0, 5397.0, 5314.0, 5648.0, 5618.0, 5304.0, 5316.0, 5277.0, 5660.0, 5444.0, 5432.0, 5525.0, 5707.0, 5708.0, 5367.0, 5348.0, 5513.0, 5617.0, 5699.0, 5281.0, 5574.0, 5464.0, 5635.0, 5475.0, 5458.0, 5311.0, 5599.0, 5409.0, 5293.0, 5421.0, 5644.0, 5589.0, 5515.0, 5435.0, 5468.0, 5329.0, 5529.0, 5642.0, 5537.0, 5662.0, 5323.0, 5328.0, 5454.0, 5612.0, 5437.0, 5544.0, 5436.0, 5361.0, 5445.0, 5308.0, 5528.0, 5713.0, 5488.0, 5590.0, 5289.0, 5260.0, 5524.0, 5584.0, 5300.0, 5607.0, 5676.0, 5392.0, 5532.0, 5369.0, 5272.0, 5413.0, 5539.0, 5259.0, 5393.0, 5254.0, 5505.0, 5688.0, 5720.0, 5360.0, 5567.0, 5521.0, 5364.0 (number of hits: 11)
25	5270	9	1	333	1	5680.0, 5419.0, 5359.0, 5698.0, 5622.0, 5341.0, 5707.0, 5323.0, 5423.0, 5367.0, 5677.0, 5531.0, 5302.0, 5624.0, 5322.0, 5491.0, 5413.0, 5378.0, 5327.0, 5451.0, 5369.0, 5291.0, 5418.0, 5266.0, 5585.0, 5320.0, 5540.0, 5470.0, 5667.0, 5575.0, 5599.0, 5507.0, 5641.0, 5448.0, 5513.0, 5281.0, 5296.0, 5576.0, 5640.0, 5465.0, 5456.0, 5450.0, 5478.0, 5529.0, 5283.0, 5583.0, 5256.0, 5402.0, 5370.0, 5393.0, 5504.0, 5307.0, 5371.0, 5289.0, 5631.0, 5706.0, 5466.0, 5688.0, 5604.0, 5360.0, 5648.0, 5403.0, 5285.0, 5510.0, 5570.0, 5594.0, 5498.0, 5703.0, 5417.0, 5287.0, 5271.0, 5481.0, 5636.0, 5408.0, 5265.0, 5715.0, 5661.0, 5664.0, 5669.0, 5290.0, 5607.0, 5685.0, 5537.0, 5477.0, 5446.0, 5328.0, 5449.0, 5564.0, 5377.0, 5693.0, 5405.0, 5301.0, 5702.0, 5649.0, 5623.0, 5435.0, 5383.0, 5316.0, 5453.0, 5571.0 (number of hits: 9)
26	5270	9	1	333	1	5375.0, 5334.0, 5498.0, 5255.0, 5593.0,

						5718.0, 5299.0, 5418.0, 5332.0, 5566.0, 5386.0, 5520.0, 5568.0, 5381.0, 5607.0, 5685.0, 5695.0, 5420.0, 5666.0, 5583.0, 5631.0, 5648.0, 5639.0, 5306.0, 5636.0, 5301.0, 5294.0, 5327.0, 5458.0, 5680.0, 5282.0, 5350.0, 5562.0, 5610.0, 5678.0, 5433.0, 5367.0, 5710.0, 5533.0, 5707.0, 5442.0, 5641.0, 5595.0, 5289.0, 5681.0, 5653.0, 5336.0, 5602.0, 5340.0, 5396.0, 5619.0, 5475.0, 5613.0, 5634.0, 5508.0, 5625.0, 5379.0, 5454.0, 5660.0, 5449.0, 5572.0, 5324.0, 5615.0, 5261.0, 5321.0, 5297.0, 5628.0, 5688.0, 5538.0, 5544.0, 5476.0, 5516.0, 5531.0, 5492.0, 5689.0, 5608.0, 5374.0, 5419.0, 5563.0, 5542.0, 5312.0, 5254.0, 5585.0, 5446.0, 5430.0, 5633.0, 5676.0, 5328.0, 5316.0, 5390.0, 5344.0, 5362.0, 5401.0, 5380.0, 5486.0, 5452.0, 5597.0, 5506.0, 5540.0, 5463.0 (number of hits: 7)
27	5270	9	1	333	1	5417.0, 5420.0, 5253.0, 5488.0, 5563.0, 5691.0, 5285.0, 5456.0, 5362.0, 5527.0, 5300.0, 5437.0, 5447.0, 5678.0, 5473.0, 5543.0, 5568.0, 5689.0, 5291.0, 5716.0, 5454.0, 5448.0, 5428.0, 5635.0, 5265.0, 5442.0, 5701.0, 5705.0, 5552.0, 5411.0, 5349.0, 5310.0, 5266.0, 5280.0, 5262.0, 5609.0, 5541.0, 5418.0, 5365.0, 5649.0, 5478.0, 5462.0, 5423.0, 5259.0, 5251.0, 5514.0, 5313.0, 5666.0, 5673.0, 5668.0, 5617.0, 5404.0, 5515.0, 5558.0, 5591.0, 5381.0, 5289.0, 5471.0, 5394.0, 5624.0, 5314.0, 5432.0, 5366.0, 5345.0, 5508.0, 5584.0, 5619.0, 5525.0, 5309.0, 5706.0, 5264.0, 5632.0, 5372.0, 5648.0, 5723.0, 5344.0, 5553.0, 5339.0, 5452.0, 5378.0, 5324.0, 5492.0, 5646.0, 5656.0, 5406.0, 5574.0, 5538.0, 5615.0, 5412.0, 5677.0, 5403.0, 5407.0, 5493.0, 5692.0, 5256.0, 5276.0, 5290.0, 5311.0, 5522.0, 5642.0 (number of hits: 10)
28	5270	9	1	333	1	5393.0, 5332.0, 5449.0, 5626.0, 5653.0, 5329.0, 5564.0, 5530.0, 5514.0, 5558.0, 5528.0, 5570.0, 5372.0, 5555.0, 5291.0, 5667.0, 5723.0, 5706.0, 5609.0, 5635.0, 5321.0, 5362.0, 5366.0, 5525.0, 5665.0, 5647.0, 5597.0, 5370.0, 5599.0, 5432.0, 5326.0, 5722.0, 5252.0, 5654.0, 5296.0, 5718.0, 5572.0, 5319.0, 5498.0, 5325.0, 5285.0, 5259.0, 5543.0, 5509.0, 5286.0, 5524.0, 5464.0, 5501.0, 5551.0, 5323.0, 5690.0, 5418.0, 5398.0, 5451.0, 5407.0, 5617.0, 5622.0, 5385.0, 5658.0, 5416.0, 5585.0, 5304.0, 5532.0, 5506.0, 5711.0, 5339.0, 5439.0, 5702.0, 5373.0, 5297.0, 5625.0, 5314.0, 5632.0, 5445.0, 5478.0, 5607.0, 5272.0, 5413.0, 5703.0, 5510.0, 5468.0, 5493.0, 5566.0, 5465.0, 5431.0, 5376.0, 5440.0, 5500.0, 5521.0, 5584.0,

						5499.0, 5684.0, 5435.0, 5365.0, 5588.0, 5459.0, 5714.0, 5575.0, 5535.0, 5347.0 (number of hits: 7)
29	5270	9	1	333	1	5464.0, 5490.0, 5305.0, 5310.0, 5294.0, 5302.0, 5286.0, 5381.0, 5397.0, 5676.0, 5720.0, 5383.0, 5252.0, 5442.0, 5337.0, 5659.0, 5361.0, 5435.0, 5379.0, 5621.0, 5420.0, 5568.0, 5590.0, 5596.0, 5274.0, 5547.0, 5569.0, 5680.0, 5606.0, 5700.0, 5575.0, 5488.0, 5258.0, 5675.0, 5709.0, 5637.0, 5493.0, 5460.0, 5472.0, 5322.0, 5541.0, 5321.0, 5348.0, 5377.0, 5431.0, 5559.0, 5432.0, 5406.0, 5366.0, 5390.0, 5489.0, 5403.0, 5509.0, 5510.0, 5297.0, 5269.0, 5250.0, 5382.0, 5427.0, 5467.0, 5257.0, 5523.0, 5540.0, 5290.0, 5526.0, 5608.0, 5439.0, 5375.0, 5723.0, 5582.0, 5695.0, 5657.0, 5707.0, 5631.0, 5306.0, 5644.0, 5422.0, 5333.0, 5260.0, 5641.0, 5353.0, 5518.0, 5356.0, 5638.0, 5633.0, 5560.0, 5625.0, 5589.0, 5714.0, 5514.0, 5672.0, 5447.0, 5533.0, 5446.0, 5636.0, 5678.0, 5486.0, 5584.0, 5498.0, 5545.0 (number of hits: 8)
30	5270	9	1	333	1	5497.0, 5564.0, 5610.0, 5473.0, 5506.0, 5271.0, 5592.0, 5325.0, 5285.0, 5379.0, 5270.0, 5562.0, 5425.0, 5340.0, 5328.0, 5488.0, 5720.0, 5307.0, 5714.0, 5546.0, 5653.0, 5483.0, 5310.0, 5393.0, 5583.0, 5495.0, 5304.0, 5371.0, 5555.0, 5671.0, 5508.0, 5615.0, 5609.0, 5528.0, 5464.0, 5621.0, 5502.0, 5596.0, 5640.0, 5523.0, 5256.0, 5303.0, 5382.0, 5698.0, 5405.0, 5409.0, 5335.0, 5423.0, 5467.0, 5482.0, 5442.0, 5366.0, 5321.0, 5282.0, 5719.0, 5300.0, 5547.0, 5320.0, 5549.0, 5509.0, 5599.0, 5346.0, 5452.0, 5710.0, 5441.0, 5658.0, 5306.0, 5577.0, 5286.0, 5624.0, 5297.0, 5399.0, 5674.0, 5470.0, 5663.0, 5552.0, 5414.0, 5254.0, 5571.0, 5376.0, 5569.0, 5659.0, 5489.0, 5299.0, 5477.0, 5628.0, 5298.0, 5290.0, 5538.0, 5337.0, 5723.0, 5397.0, 5471.0, 5257.0, 5553.0, 5699.0, 5349.0, 5358.0, 5288.0, 5463.0 (number of hits: 13)

5550 MHz, 40 MHz Bandwidth

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

Please refer to the following statistical tables:

Table-1 Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5550	95	1	558	1
2	5550	74	1	718	1
3	5550	76	1	698	1
4	5550	92	1	578	1
5	5550	67	1	798	1
6	5550	63	1	838	1
7	5550	58	1	918	1
8	5550	70	1	758	1
9	5550	81	1	658	1
10	5550	59	1	898	1
11	5550	61	1	878	1
12	5550	86	1	618	1
13	5550	72	1	738	1
14	5550	78	1	678	1
15	5550	102	1	518	1
16	5550	28	1	1920	1
17	5550	78	1	682	1
18	5550	45	1	1177	1
19	5550	23	1	2396	1
20	5550	21	1	2586	1
21	5550	45	1	1174	1
22	5550	24	1	2293	1
23	5550	32	1	1693	1
24	5550	21	1	2593	1
25	5550	30	1	1802	1
26	5550	30	1	1815	1
27	5550	18	1	3042	1
28	5550	18	1	3055	1
29	5550	22	1	2494	1
30	5550	29	1	1882	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5550	24	3.8	168	1
2	5550	29	2.9	197	1
3	5550	25	2.4	214	1
4	5550	24	4.9	160	1
5	5550	29	3.9	199	1
6	5550	29	2.3	184	1
7	5550	27	3.3	164	1
8	5550	25	4	164	1
9	5550	28	3.8	186	1
10	5550	23	2.3	218	1
11	5550	24	2.9	174	1
12	5550	28	1.4	209	1
13	5550	27	3.4	167	1
14	5550	29	2.8	200	1
15	5550	25	2.8	228	1
16	5550	23	3.2	220	1
17	5550	23	2.9	230	1
18	5550	26	2.4	172	1
19	5550	25	1	227	1
20	5550	28	3.6	180	1
21	5550	26	2.6	180	1
22	5550	29	4.3	195	1
23	5550	25	1.7	202	1
24	5550	25	1.9	191	1
25	5550	29	2	165	1
26	5550	29	2.1	180	1
27	5550	23	4.7	190	1
28	5550	27	4.3	161	1
29	5550	26	4.5	181	1
30	5550	29	3.7	171	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5550	16	9.9	234	1
2	5550	17	8.7	423	1
3	5550	16	6.8	239	1
4	5550	17	7.8	241	1
5	5550	16	7.2	461	1
6	5550	17	9.1	344	1
7	5550	16	10	230	1
8	5550	17	6.8	201	1
9	5550	18	8.4	336	1
10	5550	16	6.8	226	1
11	5550	16	8.7	496	1
12	5550	16	6.9	207	1
13	5550	18	7.8	484	1
14	5550	17	6	343	1
15	5550	16	7.9	483	1
16	5550	18	8.4	427	1
17	5550	16	8.6	415	1
18	5550	18	9.4	301	1
19	5550	16	6.9	347	1
20	5550	18	9.8	432	1
21	5550	17	6.9	451	1
22	5550	16	7.2	376	1
23	5550	16	10	333	1
24	5550	16	9.2	312	1
25	5550	17	8.6	238	1
26	5550	18	6.2	347	1
27	5550	18	9.1	235	1
28	5550	16	8.2	209	1
29	5550	18	7.8	207	1
30	5550	16	8.9	373	1
Detection Percentage: 100 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5550	16	14	429	1
2	5550	12	18.1	358	1
3	5550	15	14.2	381	1
4	5550	15	19.5	253	1
5	5550	15	14.9	227	1
6	5550	16	18.8	361	1
7	5550	12	17.4	409	1
8	5550	16	17	336	1
9	5550	12	12.8	496	1
10	5550	12	13.4	437	1
11	5550	16	12.4	337	1
12	5550	13	13.9	305	1
13	5550	16	12.8	428	1
14	5550	12	14.5	325	1
15	5550	16	15.2	355	1
16	5550	14	17.6	283	1
17	5550	12	14.9	256	1
18	5550	12	16.5	279	1
19	5550	12	12.3	471	1
20	5550	16	14.6	487	1
21	5550	12	14.2	388	1
22	5550	15	14	325	1
23	5550	13	16.8	486	1
24	5550	15	19.8	272	1
25	5550	14	12.1	265	1
26	5550	15	12.5	206	1
27	5550	12	18	432	1
28	5550	12	13.4	299	1
29	5550	15	11	362	1
30	5550	15	19	499	1
Detection Percentage: 100 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Bin5 Statistics 1

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	11	61.3	1483		0.60485	1
1	2	9	78.1	1940		1.494405	
2	1	18	94.1			1.680778	
3	3	10	81.1	1911	1282	2.869444	
4	3	6	55.4	1869	1768	3.090524	
5	2	18	66.6	1857		3.867933	
6	2	11	98.1	1622		4.663824	
7	1	13	78.3			5.938468	
8	1	17	89.3			6.340005	
9	3	14	92.1	1528	1245	7.299661	
10	3	8	68.7	1559	1912	8.230014	
11	2	20	60.5	1480		8.79767	
12	3	14	61.5	1497	1347	9.441062	
13	2	19	77.1	1363		9.966013	
14	2	11	93.9	1688		11.049449	
15	2	15	93.1	1112		11.532244	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	51.2			0.690987	1
1	2	11	53	1200		1.927178	
2	2	16	91.9	1060		2.576298	
3	1	8	57.6			3.937712	
4	1	11	80.8			5.041963	
5	2	20	58.9	1602		6.133929	
6	3	8	94	1004	1537	7.616964	
7	2	11	61	1030		8.912994	
8	3	12	89.5	1174	1921	9.748527	
9	1	16	63.8			10.921846	

Bin5 Statistics 3

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	12	63.6	1881	1943	0.055587	
1	2	5	97.9	1083		1.325445	
2	2	18	70.1	1334		1.598375	
3	3	15	68.2	1595	1556	2.348435	
4	2	11	59	1698		3.220107	
5	2	17	84.6	1838		3.909081	
6	2	13	67.9	1009		4.357739	
7	1	17	65.1			5.39288	
8	2	19	57.6	1627		5.899195	1
9	3	5	50.4	1141	1329	6.48931	
10	3	20	57.2	1891	1822	7.43178	
11	2	15	57.3	1154		8.399969	
12	2	17	74.1	1699		8.551113	
13	2	9	53.3	1320		9.579072	
14	3	14	66.9	1271	1123	10.418022	
15	1	20	95.5			10.921587	
16	1	7	62.5			11.294944	

Bin5 Statistics 4

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	7	75.7	1385		0.697771	
1	3	7	92.5	1252	1827	1.874969	
2	1	17	78.2			2.98272	
3	3	19	84.3	1619	1208	3.378187	
4	2	12	59.8	1667		4.381155	
5	2	9	96	1492		5.576285	1
6	2	12	80.7	1276		6.940487	
7	3	8	84.6	1645	1523	8.429637	
8	1	19	83.5			9.186968	
9	2	5	84.8	1454		9.911492	
10	1	17	54.7			11.102646	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	67.5	1312		1.267256	1
1	3	10	99.7	1376	1593	1.761316	
2	2	14	65.9	1332		3.419389	
3	1	13	66.6			4.633643	
4	1	10	79.3			6.927654	
5	2	6	67.2	1019		7.537414	
6	1	19	62.6			9.74039	
7	1	10	63.5			11.78511	

Bin5 Statistics 6

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	16	79.7	1427	1736	0.521553	1
1	2	14	85	1098		1.118496	
2	3	5	77.2	1961	1313	2.687197	
3	3	19	80.3	1835	1229	3.653834	
4	3	17	70.7	1860	1957	4.028425	
5	3	18	79.7	1611	1369	5.282287	
6	3	18	72.2	1896	1045	6.235541	
7	3	9	87.6	1604	1466	6.775444	
8	3	5	96.7	1167	1370	7.806458	
9	1	8	78.5			8.448742	
10	3	12	52.4	1173	1006	9.744901	
11	3	19	94	1681	1254	10.853941	
12	2	7	89.9	1463		11.645284	

Bin5 Statistics 7

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	10	59	1176		0.129461	
1	3	9	93.2	1410	1398	1.067152	
2	1	8	82.4			1.797409	
3	1	20	54.7			1.904387	
4	3	17	72.4	1315	1638	2.977199	
5	1	20	87.7			3.572906	
6	2	13	55	1686		4.255453	
7	3	11	97.4	1925	1399	4.460373	
8	1	11	72.3			5.277442	
9	2	5	84.3	1304		6.01962	1
10	2	12	77.9	1809		6.411732	
11	2	10	51.9	1110		7.005327	
12	2	9	74.9	1738		7.75538	
13	2	14	70.8	1538		8.731578	
14	2	9	58.9	1573		9.102945	
15	2	19	86.4	1763		9.481047	
16	2	13	57.8	1761		10.189465	
17	3	19	90.2	1442	1239	10.880991	
18	1	9	58.4			11.711553	

Bin5 Statistics 8

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	59.5	1269		0.202699	
1	3	14	58.4	1456	1310	0.792314	
2	1	12	51.6			1.556586	
3	3	18	91.1	1985	1103	2.475197	
4	2	9	96.5	1026		3.055512	
5	2	6	95.2	1787		3.733908	
6	2	15	54.9	1007		4.663891	
7	3	12	78.4	1758	1488	5.242713	
8	3	12	58.2	1412	1792	6.10241	1
9	3	16	85.8	1599	1718	6.756121	
10	1	11	85.4			7.542158	
11	3	5	75.3	1645	1746	8.232213	
12	2	18	66.8	1607		8.890927	
13	2	20	98.7	1483		9.827428	
14	1	12	61.3			10.405206	
15	2	15	93.5	1873		10.949972	
16	3	15	53	1722	1664	11.610578	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	70.4			0.052715	1
1	3	20	70.7	1847	1821	0.945773	
2	2	13	88.8	1239		2.132751	
3	2	8	86.6	1792		2.882258	
4	3	11	92.6	1978	1101	3.553735	
5	2	7	86.3	1950		4.65629	
6	1	18	55.7			5.380131	
7	2	16	94.6	1371		6.205742	
8	2	19	83.3	1129		6.926993	
9	1	9	83.4			7.572173	
10	2	16	73	1811		8.235936	
11	2	13	94.8	1223		9.05764	
12	1	18	73.6			9.901012	
13	3	16	74.3	1410	1827	11.11982	
14	2	6	60.9	1382		11.334385	
0	1	6	70.4			0.052715	

Bin5 Statistics 10

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	17	51.8	1685		0.111896	1
1	2	6	55.8	1833		1.4228	
2	2	10	69.5	1589		3.41522	
3	1	19	86.7			4.701309	
4	1	13	94.9			5.295376	
5	3	14	57.4	1776	1872	6.859009	
6	2	19	61.2	1070		8.137072	
7	3	19	85.3	1733	1632	9.248924	
8	2	14	67.9	1433		9.771653	
9	2	15	98	1561		11.334136	

Bin5 Statistics 11

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	10	99.8	1105		0.620454	
1	2	19	57.4	1842		1.188457	
2	1	9	65.5			2.101825	
3	1	10	54.1			2.44447	
4	1	10	94.8			3.010232	
5	1	8	58			3.729539	
6	3	16	83.6	1610	1193	4.277571	
7	1	12	55			5.531543	
8	2	7	68.7	1874		5.750778	1
9	3	8	62.5	1355	1207	6.695247	
10	3	6	78.9	1198	1373	7.463432	
11	2	20	74.1	1535		7.933084	
12	2	10	85.4	1611		8.610822	
13	2	19	54	1084		9.291261	
14	1	19	60.9			10.416549	
15	1	18	97.5			10.775428	
16	2	13	75.9	1338		11.882789	

Bin5 Statistics 12

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	19	71.6	1437	1909	0.779524	
1	1	6	75.4			1.062501	
2	2	18	59.2	1061		2.012212	
3	2	16	60.5	1914		3.003592	
4	2	12	73.4	1353		4.869765	
5	3	12	83.4	1839	1564	5.699228	1
6	3	9	88.8	1257	1043	6.233184	
7	3	14	73.7	1851	1385	7.215913	
8	2	16	98.2	1896		8.365808	
9	2	20	98.9	1734		9.091352	
10	1	5	82.7			10.754671	
11	2	9	92	1882		11.421021	

Bin5 Statistics 13

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	16	52.9	1643		0.164896	
1	1	19	59.3			1.155396	
2	2	7	87.3	1332		1.728879	
3	3	17	94.1	1576	1888	2.829005	
4	2	13	90.7	1067		3.473195	
5	2	9	53.8	1739		4.411215	
6	1	10	96.3			5.010826	
7	1	18	68.8			6.167941	1
8	2	16	55.1	1814		6.987571	
9	3	5	63.9	1689	1601	7.378446	
10	2	16	91	1717		8.727042	
11	2	17	97.4	1831		9.360108	
12	2	18	79.4	1557		9.784252	
13	2	13	89.6	1758		10.965736	
14	1	8	55.6			11.354813	

Bin5 Statistics 14

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	8	62	1842	1820	0.320792	
1	2	15	89.8	1493		2.249418	
2	3	12	68.3	1761	1324	3.656063	
3	2	14	92.5	1448		4.22185	
4	3	10	90.8	1371	1025	6.247111	1
5	2	6	60.4	1735		7.632433	
6	2	20	55.6	1565		8.379184	
7	2	20	59.4	1883		9.887648	
8	2	10	77.7	1141		11.989046	

Bin5 Statistics 15

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	19	51	1934	1130	1.140906	1
1	2	13	81.1	1443		2.003308	
2	2	14	52.3	1429		3.532134	
3	3	14	54.9	1225	1690	3.956456	
4	3	13	93.6	1001	1313	5.724101	
5	3	19	66.6	1653	1741	7.134306	
6	3	15	54.9	1365	1187	8.152505	
7	3	15	95.9	1860	1457	9.267184	
8	3	11	98.4	1973	1195	9.732759	
9	3	13	83.3	1962	1291	10.922	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	50.2			0.606587	1
1	3	6	77.3	1687	1269	1.487685	
2	2	9	64.5	1717		2.334057	
3	2	14	99.4	1241		3.193237	
4	2	10	88.4	1318		4.259767	
5	2	7	69.2	1680		4.307561	
6	1	19	52.7			5.212749	
7	3	8	64.1	1841	1956	6.687028	
8	2	19	87.7	1208		7.193353	
9	2	18	80.8	1830		8.260402	
10	1	18	66.1			8.983366	
11	2	17	86.2	1869		10.079174	
12	3	8	74.8	1088	1228	10.890987	
13	1	9	66.8			11.272895	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	18	88.8			0.34628	
1	2	7	81.2	1180		1.806279	
2	1	18	75.8			1.994601	
3	1	16	78.1			2.817362	
4	2	6	85.3	1707		4.594301	
5	2	15	96.6	1512		5.224881	
6	1	9	68.9			6.184979	1
7	3	5	89	1063	1905	6.92868	
8	3	7	76.4	1777	1099	7.923503	
9	1	17	67.8			8.400673	
10	2	9	84.2	1824		9.973487	
11	2	9	82.2	1834		10.560432	
12	2	17	86.7	1514		11.544859	

Bin5 Statistics 18

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	7	87.9	1670		0.772281	
1	2	14	51.4	1907		1.107495	
2	3	11	69.1	1575	1253	1.684073	
3	2	6	51.7	1465		3.057546	
4	2	18	52.8	1168		3.27326	
5	2	20	78.6	1688		4.567464	
6	1	16	84.2			5.05726	
7	2	18	87.5	1801		6.269284	1
8	1	17	59.5			6.982961	
9	2	15	51.7	1398		7.548077	
10	1	9	92.6			8.117618	
11	3	12	67.1	1908	1808	8.811696	
12	2	8	63.9	1459		9.766218	
13	3	17	98.7	1129	1913	10.640886	
14	3	5	65.3	1076	1319	11.598054	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	70.9			1.289552	1
1	1	16	79.8			2.729401	
2	1	10	68.5			4.460828	
3	1	11	55.8			5.931828	
4	1	16	77.9			6.714958	
5	2	9	62.3	1165		8.802101	
6	2	9	75.2	1579		9.689179	
7	1	6	60.3			10.772968	

Bin5 Statistics 20

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	95.8	1275		0.427214	1
1	2	20	89.8	1617		1.397982	
2	1	5	60.4			1.688054	
3	3	13	88.2	1552	1732	2.945428	
4	3	11	96	1340	1654	3.405483	
5	2	8	63.1	1721		4.366219	
6	2	11	56.1	1144		4.911977	
7	3	11	56.4	1855	1785	5.712843	
8	2	6	58	1313		6.963746	
9	1	13	75.4			7.965845	
10	3	7	64.1	1196	1933	8.266079	
11	2	6	85.6	1726		9.027482	
12	2	20	95.4	1333		10.353116	
13	3	13	64.2	1600	1120	10.891933	
14	1	8	70.6			11.684125	

Bin5 Statistics 21

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	7	68.1	1182		0.088935	1
1	2	7	67.8	1067		1.131325	
2	3	7	86.6	1546	1626	1.801443	
3	1	15	78.4			2.403382	
4	2	14	55.9	1750		2.676684	
5	2	20	98.3	1040		3.82396	
6	1	16	71			4.303106	
7	2	5	54.2	1823		4.910695	
8	3	5	68.2	1963	1884	5.764065	
9	2	14	74	1725		6.371892	
10	2	7	60.7	1394		6.905224	
11	2	18	62.5	1633		7.93622	
12	2	5	61.8	1708		8.40835	
13	2	17	88.6	1671		8.956015	
14	2	14	85.8	1146		9.514974	
15	1	17	77.7			10.449381	
16	2	14	77.6	1523		10.814556	
17	3	14	56.2	1771	1641	11.64013	

Bin5 Statistics 22

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	9	66.1	1203		0.493554	1
1	1	17	76.1			2.044093	
2	3	12	77.9	1459	1334	3.395537	
3	2	18	81.3	1088		4.757838	
4	3	20	57.3	1871	1576	4.98245	
5	3	7	75.2	1360	1339	6.161625	
6	1	19	83			7.320744	
7	3	9	72.6	1698	1411	8.728905	
8	1	15	67.5			10.355482	
9	3	16	94.4	1142	1994	11.886716	

Bin5 Statistics 23

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	19	58.4	1472		0.530461	
1	1	15	55.9			1.133864	
2	1	13	89.1			2.389211	
3	1	8	67.3			3.953246	
4	2	16	86.6	1623		4.469594	
5	2	10	93.8	1677		6.075254	1
6	1	14	59.3			7.633215	
7	1	7	100			8.222459	
8	1	9	96.7			9.427872	
9	1	12	73.3			10.775023	
10	3	13	92.8	1370	1570	11.365749	

Bin5 Statistics 24

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	72.8	1971		0.375767	
1	1	18	72.1			0.80214	
2	2	17	86.9	1732		1.52433	
3	3	7	60.7	1073	1319	2.143528	
4	2	19	88	1448		2.602679	
5	2	18	99.5	1142		3.614464	
6	3	19	94	1594	1611	3.801461	
7	3	16	52.1	1368	1648	4.76123	
8	3	12	68.4	1660	1014	5.509346	
9	2	14	91.2	1507		6.300419	1
10	1	9	53.4			6.821056	
11	2	17	95.9	1712		7.490994	
12	2	13	98.9	1721		7.692649	
13	1	13	78.8			8.542872	
14	1	16	99.4			8.962474	
15	1	14	96.9			9.89005	
16	2	15	97.2	1470		10.270701	
17	2	15	71.6	1202		10.911553	
18	2	10	97.3	1002		11.900309	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	58.9			0.021817	1
1	2	7	93.7	1816		1.06237	
2	1	18	85			1.211916	
3	2	16	68.1	1992		2.159072	
4	1	7	53.5			2.469666	
5	2	20	87.6	1366		3.400561	
6	2	20	99.1	1134		4.105855	
7	2	19	73.4	1165		4.78712	
8	3	10	77.1	1413	1218	5.311661	
9	1	12	93.4			5.601219	
10	2	13	80.4	1435		6.322066	
11	3	17	59.7	1915	1936	6.630688	
12	2	6	63.1	1131		7.721509	
13	3	12	75.6	1628	1724	8.267866	
14	3	17	60.5	1774	1993	8.921341	
15	2	10	93.4	1326		9.334996	
16	3	7	85.8	1965	1310	10.122359	
17	2	17	65.4	1061		10.633078	
18	1	20	96.1			10.853739	
19	1	16	69.2			11.739014	

Bin5 Statistics 26

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	64.2	1464		0.362209	1
1	2	18	98.6	1462		2.053255	
2	3	9	87.7	1409	1384	2.46528	
3	2	15	74.7	1037		3.831223	
4	2	10	75.7	1863		5.580046	
5	1	14	64.2			6.737549	
6	2	18	93.2	1703		7.731231	
7	2	16	56.3	1851		8.759807	
8	1	18	57.3			10.412909	
9	3	16	98.4	1485	1466	10.982072	

Bin5 Statistics 27

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	15	55.4	1860	1157	0.370992	1
1	2	19	96.3	1545		1.238494	
2	2	20	65.9	1697		2.408717	
3	2	10	67.3	1860		3.329861	
4	3	10	72.9	1250	1915	4.184552	
5	3	11	50.3	1070	1199	5.764763	
6	2	6	61.2	1714		6.860687	
7	3	5	69.5	1342	1935	7.675598	
8	2	18	65.6	1189		8.312751	
9	1	10	52.4			9.921603	
10	2	15	84.7	1070		10.0019	
11	3	12	59.4	1032	1520	11.342943	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	77.8			1.32827	1
1	2	14	84.6	1299		2.619536	
2	2	14	85.6	1708		3.800125	
3	2	17	73.8	1952		4.286761	
4	1	18	55.9			5.442908	
5	2	15	60	1567		7.622479	
6	3	8	65.4	1218	1784	8.435436	
7	3	11	63.4	1713	1613	10.364883	
8	3	13	85.6	1849	1278	11.124912	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	82.7			0.439454	1
1	3	17	92.8	1217	1254	1.512829	
2	3	19	56.2	1232	1812	3.014765	
3	3	15	79.4	1094	1484	4.416917	
4	2	11	65.5	1029		6.00773	
5	2	12	94.5	1640		7.539473	
6	2	15	89.3	1159		8.310918	
7	2	6	99.8	1110		10.203659	
8	3	7	99.1	1659	1302	11.457832	

Bin5 Statistics 30

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	12	63	1513		0.102247	1
1	2	5	76	1828		1.166437	
2	1	13	59.2			1.657002	
3	1	15	55.8			2.415911	
4	1	6	84.7			3.061584	
5	2	12	88.1	1027		3.445387	
6	3	14	60.8	1777	1493	4.395811	
7	2	19	56.7	1465		4.793935	
8	2	14	92.3	1326		5.992864	
9	1	10	86.7			6.042558	
10	2	11	81.1	1884		6.749916	
11	2	8	88.6	1500		7.734247	
12	1	14	98.4			8.330769	
13	3	8	66.8	1373	1162	9.098458	
14	2	19	59.4	1026		9.834081	
15	1	17	92.2			10.275713	
16	3	8	72	1099	1509	10.88938	
17	2	16	95.1	1018		11.460897	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5550	9	1	333	1	5435.0, 5642.0, 5518.0, 5426.0, 5283.0, 5372.0, 5293.0, 5511.0, 5567.0, 5381.0, 5264.0, 5298.0, 5440.0, 5500.0, 5634.0, 5526.0, 5552.0, 5675.0, 5621.0, 5302.0, 5661.0, 5394.0, 5669.0, 5702.0, 5706.0, 5382.0, 5602.0, 5499.0, 5583.0, 5424.0, 5664.0, 5569.0, 5438.0, 5723.0, 5454.0, 5277.0, 5327.0, 5484.0, 5391.0, 5538.0, 5259.0, 5717.0, 5474.0, 5427.0, 5641.0, 5637.0, 5623.0, 5654.0, 5315.0, 5329.0, 5301.0, 5597.0, 5649.0, 5366.0, 5345.0, 5269.0, 5703.0, 5617.0, 5322.0, 5403.0, 5506.0, 5467.0, 5611.0, 5607.0, 5405.0, 5663.0, 5377.0, 5365.0, 5295.0, 5362.0, 5304.0, 5251.0, 5594.0, 5317.0, 5279.0, 5373.0, 5321.0, 5631.0, 5579.0, 5712.0, 5542.0, 5655.0, 5671.0, 5367.0, 5586.0, 5470.0, 5517.0, 5580.0, 5679.0, 5619.0, 5476.0, 5645.0, 5418.0, 5299.0, 5330.0, 5463.0, 5535.0, 5584.0, 5561.0, 5428.0 (number of hits: 7)
2	5550	9	1	333	1	5300.0, 5664.0, 5563.0, 5682.0, 5575.0, 5599.0, 5519.0, 5352.0, 5359.0, 5366.0, 5603.0, 5398.0, 5355.0, 5637.0, 5252.0, 5602.0, 5708.0, 5319.0, 5267.0, 5280.0, 5676.0, 5667.0, 5374.0, 5317.0, 5607.0, 5320.0, 5316.0, 5640.0, 5700.0, 5579.0, 5298.0, 5382.0, 5530.0, 5416.0, 5499.0, 5481.0, 5442.0, 5684.0, 5550.0, 5657.0, 5282.0, 5715.0, 5360.0, 5562.0, 5586.0, 5301.0, 5281.0, 5722.0, 5633.0, 5258.0, 5303.0, 5323.0, 5622.0, 5518.0, 5356.0, 5288.0, 5507.0, 5459.0, 5644.0, 5349.0, 5561.0, 5690.0, 5501.0, 5546.0, 5569.0, 5665.0, 5337.0, 5668.0, 5326.0, 5596.0, 5570.0, 5568.0, 5401.0, 5697.0, 5510.0, 5379.0, 5364.0, 5350.0, 5655.0, 5495.0, 5695.0, 5339.0, 5699.0, 5397.0, 5341.0, 5511.0, 5573.0, 5662.0, 5347.0, 5628.0, 5469.0, 5528.0, 5593.0, 5564.0, 5653.0, 5253.0, 5683.0, 5348.0, 5386.0, 5274.0 (number of hits: 9)
3	5550	9	1	333	1	5611.0, 5546.0, 5640.0, 5650.0, 5301.0, 5313.0, 5498.0, 5480.0, 5430.0, 5456.0, 5595.0, 5310.0, 5692.0, 5487.0, 5534.0, 5429.0, 5385.0, 5298.0, 5263.0, 5371.0, 5341.0, 5272.0, 5706.0, 5418.0, 5269.0, 5436.0, 5251.0, 5342.0, 5476.0, 5281.0, 5283.0, 5700.0, 5497.0, 5276.0, 5267.0, 5504.0, 5290.0, 5555.0, 5509.0, 5368.0, 5450.0, 5680.0, 5414.0, 5265.0, 5366.0, 5468.0, 5519.0, 5708.0, 5543.0, 5334.0, 5604.0, 5324.0, 5357.0, 5572.0, 5343.0, 5574.0, 5693.0, 5663.0, 5337.0, 5488.0,

						5299.0, 5715.0, 5391.0, 5395.0, 5540.0, 5397.0, 5583.0, 5484.0, 5585.0, 5500.0, 5466.0, 5311.0, 5525.0, 5410.0, 5424.0, 5491.0, 5336.0, 5665.0, 5628.0, 5347.0, 5689.0, 5355.0, 5688.0, 5609.0, 5528.0, 5557.0, 5398.0, 5545.0, 5314.0, 5677.0, 5440.0, 5499.0, 5264.0, 5432.0, 5273.0, 5373.0, 5551.0, 5627.0, 5448.0, 5408.0 (number of hits: 8)
4	5550	9	1	333	1	5254.0, 5622.0, 5559.0, 5583.0, 5272.0, 5474.0, 5716.0, 5557.0, 5262.0, 5496.0, 5285.0, 5712.0, 5292.0, 5460.0, 5586.0, 5505.0, 5595.0, 5322.0, 5523.0, 5483.0, 5647.0, 5451.0, 5393.0, 5420.0, 5283.0, 5409.0, 5375.0, 5290.0, 5317.0, 5597.0, 5259.0, 5641.0, 5638.0, 5611.0, 5708.0, 5521.0, 5634.0, 5456.0, 5610.0, 5302.0, 5478.0, 5423.0, 5422.0, 5678.0, 5441.0, 5273.0, 5339.0, 5602.0, 5352.0, 5673.0, 5717.0, 5624.0, 5616.0, 5568.0, 5623.0, 5459.0, 5671.0, 5693.0, 5321.0, 5311.0, 5697.0, 5425.0, 5571.0, 5452.0, 5330.0, 5662.0, 5407.0, 5344.0, 5293.0, 5532.0, 5264.0, 5326.0, 5394.0, 5368.0, 5512.0, 5544.0, 5479.0, 5687.0, 5287.0, 5536.0, 5410.0, 5562.0, 5303.0, 5379.0, 5428.0, 5628.0, 5511.0, 5429.0, 5637.0, 5517.0, 5372.0, 5615.0, 5448.0, 5484.0, 5617.0, 5416.0, 5490.0, 5508.0, 5427.0, 5689.0 (number of hits: 7)
5	5550	9	1	333	1	5285.0, 5418.0, 5678.0, 5382.0, 5611.0, 5324.0, 5292.0, 5381.0, 5345.0, 5479.0, 5546.0, 5542.0, 5341.0, 5410.0, 5562.0, 5580.0, 5440.0, 5621.0, 5452.0, 5563.0, 5615.0, 5267.0, 5549.0, 5489.0, 5639.0, 5640.0, 5262.0, 5305.0, 5408.0, 5657.0, 5644.0, 5411.0, 5421.0, 5328.0, 5444.0, 5463.0, 5357.0, 5468.0, 5699.0, 5664.0, 5348.0, 5360.0, 5654.0, 5359.0, 5484.0, 5416.0, 5496.0, 5573.0, 5351.0, 5402.0, 5254.0, 5649.0, 5572.0, 5253.0, 5643.0, 5425.0, 5472.0, 5651.0, 5592.0, 5344.0, 5682.0, 5286.0, 5609.0, 5551.0, 5436.0, 5274.0, 5491.0, 5500.0, 5384.0, 5457.0, 5432.0, 5568.0, 5704.0, 5618.0, 5641.0, 5610.0, 5660.0, 5327.0, 5679.0, 5469.0, 5674.0, 5339.0, 5288.0, 5284.0, 5420.0, 5362.0, 5287.0, 5595.0, 5473.0, 5672.0, 5367.0, 5391.0, 5531.0, 5495.0, 5349.0, 5662.0, 5574.0, 5518.0, 5369.0, 5569.0 (number of hits: 9)
6	5550	9	1	333	1	5490.0, 5557.0, 5705.0, 5411.0, 5719.0, 5441.0, 5559.0, 5529.0, 5502.0, 5372.0, 5272.0, 5562.0, 5558.0, 5429.0, 5684.0, 5452.0, 5676.0, 5563.0, 5362.0, 5425.0, 5606.0, 5618.0, 5552.0, 5292.0, 5477.0, 5514.0, 5666.0, 5313.0, 5456.0, 5323.0, 5648.0, 5629.0, 5570.0, 5273.0, 5440.0, 5447.0, 5619.0, 5317.0, 5393.0, 5493.0,

						5384.0, 5396.0, 5587.0, 5457.0, 5475.0, 5720.0, 5614.0, 5256.0, 5568.0, 5409.0, 5403.0, 5692.0, 5479.0, 5383.0, 5630.0, 5404.0, 5485.0, 5566.0, 5275.0, 5682.0, 5289.0, 5369.0, 5408.0, 5348.0, 5450.0, 5489.0, 5602.0, 5253.0, 5701.0, 5325.0, 5496.0, 5644.0, 5410.0, 5486.0, 5604.0, 5564.0, 5584.0, 5278.0, 5662.0, 5358.0, 5655.0, 5398.0, 5600.0, 5517.0, 5466.0, 5385.0, 5571.0, 5373.0, 5683.0, 5401.0, 5329.0, 5380.0, 5703.0, 5572.0, 5250.0, 5586.0, 5556.0, 5673.0, 5422.0, 5581.0 (number of hits: 10)
7	5550	9	1	333	1	5374.0, 5511.0, 5459.0, 5383.0, 5547.0, 5406.0, 5452.0, 5420.0, 5601.0, 5251.0, 5630.0, 5372.0, 5357.0, 5700.0, 5265.0, 5684.0, 5398.0, 5706.0, 5269.0, 5449.0, 5350.0, 5475.0, 5540.0, 5423.0, 5531.0, 5597.0, 5603.0, 5634.0, 5615.0, 5321.0, 5491.0, 5697.0, 5334.0, 5414.0, 5637.0, 5314.0, 5379.0, 5421.0, 5549.0, 5675.0, 5505.0, 5351.0, 5661.0, 5371.0, 5258.0, 5494.0, 5264.0, 5567.0, 5445.0, 5272.0, 5254.0, 5446.0, 5614.0, 5607.0, 5598.0, 5430.0, 5468.0, 5474.0, 5587.0, 5381.0, 5600.0, 5576.0, 5664.0, 5629.0, 5546.0, 5651.0, 5515.0, 5416.0, 5642.0, 5586.0, 5335.0, 5624.0, 5263.0, 5548.0, 5707.0, 5289.0, 5514.0, 5523.0, 5498.0, 5581.0, 5719.0, 5310.0, 5666.0, 5435.0, 5698.0, 5470.0, 5385.0, 5668.0, 5623.0, 5337.0, 5437.0, 5557.0, 5424.0, 5613.0, 5565.0, 5552.0, 5319.0, 5518.0, 5256.0, 5336.0 (number of hits: 10)
8	5550	9	1	333	1	5585.0, 5351.0, 5427.0, 5719.0, 5297.0, 5671.0, 5364.0, 5448.0, 5531.0, 5609.0, 5685.0, 5466.0, 5665.0, 5472.0, 5695.0, 5524.0, 5324.0, 5414.0, 5492.0, 5419.0, 5283.0, 5463.0, 5487.0, 5515.0, 5489.0, 5486.0, 5713.0, 5441.0, 5699.0, 5318.0, 5628.0, 5454.0, 5627.0, 5621.0, 5314.0, 5366.0, 5402.0, 5541.0, 5611.0, 5662.0, 5460.0, 5619.0, 5493.0, 5694.0, 5274.0, 5522.0, 5384.0, 5349.0, 5670.0, 5373.0, 5449.0, 5302.0, 5529.0, 5291.0, 5262.0, 5420.0, 5706.0, 5368.0, 5576.0, 5468.0, 5359.0, 5411.0, 5388.0, 5582.0, 5311.0, 5669.0, 5383.0, 5252.0, 5393.0, 5649.0, 5407.0, 5704.0, 5700.0, 5467.0, 5284.0, 5306.0, 5437.0, 5508.0, 5617.0, 5540.0, 5495.0, 5421.0, 5399.0, 5458.0, 5567.0, 5476.0, 5376.0, 5378.0, 5404.0, 5620.0, 5661.0, 5335.0, 5518.0, 5525.0, 5535.0, 5471.0, 5330.0, 5599.0, 5410.0, 5488.0 (number of hits: 5)
9	5550	9	1	333	1	5579.0, 5324.0, 5468.0, 5378.0, 5681.0, 5536.0, 5457.0, 5565.0, 5578.0, 5553.0, 5417.0, 5257.0, 5309.0, 5275.0, 5424.0, 5268.0, 5415.0, 5717.0, 5459.0, 5358.0,

						5340.0, 5440.0, 5706.0, 5273.0, 5476.0, 5573.0, 5515.0, 5517.0, 5349.0, 5707.0, 5500.0, 5408.0, 5465.0, 5314.0, 5284.0, 5258.0, 5569.0, 5598.0, 5601.0, 5269.0, 5315.0, 5263.0, 5557.0, 5446.0, 5582.0, 5354.0, 5464.0, 5724.0, 5546.0, 5698.0, 5648.0, 5396.0, 5320.0, 5261.0, 5390.0, 5398.0, 5626.0, 5596.0, 5427.0, 5590.0, 5294.0, 5454.0, 5402.0, 5265.0, 5333.0, 5662.0, 5634.0, 5373.0, 5537.0, 5421.0, 5342.0, 5683.0, 5629.0, 5473.0, 5690.0, 5429.0, 5474.0, 5303.0, 5293.0, 5486.0, 5337.0, 5308.0, 5481.0, 5638.0, 5682.0, 5264.0, 5304.0, 5594.0, 5334.0, 5520.0, 5694.0, 5423.0, 5361.0, 5431.0, 5668.0, 5411.0, 5524.0, 5657.0, 5644.0, 5606.0 (number of hits: 7)
10	5550	9	1	333	1	5413.0, 5597.0, 5631.0, 5335.0, 5615.0, 5266.0, 5565.0, 5616.0, 5649.0, 5383.0, 5356.0, 5437.0, 5691.0, 5424.0, 5600.0, 5634.0, 5599.0, 5714.0, 5624.0, 5271.0, 5324.0, 5325.0, 5259.0, 5702.0, 5540.0, 5456.0, 5452.0, 5430.0, 5674.0, 5724.0, 5313.0, 5578.0, 5664.0, 5466.0, 5567.0, 5364.0, 5260.0, 5280.0, 5517.0, 5557.0, 5372.0, 5513.0, 5541.0, 5586.0, 5500.0, 5612.0, 5411.0, 5589.0, 5341.0, 5481.0, 5507.0, 5629.0, 5524.0, 5568.0, 5361.0, 5585.0, 5561.0, 5526.0, 5521.0, 5250.0, 5712.0, 5555.0, 5532.0, 5605.0, 5382.0, 5316.0, 5343.0, 5369.0, 5252.0, 5428.0, 5590.0, 5654.0, 5511.0, 5286.0, 5494.0, 5300.0, 5671.0, 5289.0, 5685.0, 5623.0, 5684.0, 5546.0, 5367.0, 5527.0, 5652.0, 5393.0, 5404.0, 5611.0, 5299.0, 5314.0, 5638.0, 5686.0, 5409.0, 5277.0, 5384.0, 5322.0, 5406.0, 5665.0, 5474.0, 5436.0 (number of hits: 10)
11	5550	9	1	333	1	5684.0, 5381.0, 5629.0, 5360.0, 5354.0, 5541.0, 5639.0, 5658.0, 5271.0, 5410.0, 5339.0, 5306.0, 5417.0, 5300.0, 5487.0, 5351.0, 5608.0, 5402.0, 5592.0, 5711.0, 5547.0, 5594.0, 5579.0, 5506.0, 5373.0, 5544.0, 5444.0, 5517.0, 5610.0, 5674.0, 5471.0, 5521.0, 5327.0, 5329.0, 5447.0, 5524.0, 5703.0, 5652.0, 5662.0, 5291.0, 5365.0, 5460.0, 5280.0, 5551.0, 5672.0, 5294.0, 5696.0, 5716.0, 5397.0, 5552.0, 5332.0, 5536.0, 5568.0, 5477.0, 5604.0, 5352.0, 5557.0, 5449.0, 5385.0, 5331.0, 5663.0, 5441.0, 5272.0, 5416.0, 5516.0, 5499.0, 5388.0, 5298.0, 5421.0, 5473.0, 5459.0, 5561.0, 5361.0, 5466.0, 5335.0, 5721.0, 5556.0, 5394.0, 5380.0, 5600.0, 5685.0, 5529.0, 5407.0, 5462.0, 5531.0, 5575.0, 5353.0, 5255.0, 5395.0, 5358.0, 5650.0, 5563.0, 5578.0, 5413.0, 5438.0, 5659.0, 5478.0, 5606.0, 5472.0, 5408.0 (number of hits: 12)

12	5550	9	1	333	1	5516.0, 5499.0, 5405.0, 5459.0, 5275.0, 5468.0, 5562.0, 5579.0, 5449.0, 5291.0, 5588.0, 5563.0, 5583.0, 5541.0, 5434.0, 5429.0, 5565.0, 5376.0, 5325.0, 5271.0, 5540.0, 5386.0, 5339.0, 5638.0, 5630.0, 5444.0, 5623.0, 5614.0, 5350.0, 5365.0, 5295.0, 5460.0, 5258.0, 5379.0, 5465.0, 5390.0, 5538.0, 5311.0, 5594.0, 5322.0, 5667.0, 5481.0, 5344.0, 5396.0, 5256.0, 5705.0, 5329.0, 5300.0, 5589.0, 5398.0, 5297.0, 5622.0, 5689.0, 5669.0, 5407.0, 5600.0, 5309.0, 5384.0, 5575.0, 5320.0, 5664.0, 5380.0, 5665.0, 5564.0, 5709.0, 5400.0, 5372.0, 5547.0, 5646.0, 5375.0, 5399.0, 5690.0, 5355.0, 5305.0, 5356.0, 5315.0, 5523.0, 5632.0, 5492.0, 5342.0, 5302.0, 5267.0, 5361.0, 5484.0, 5644.0, 5486.0, 5410.0, 5313.0, 5457.0, 5359.0, 5354.0, 5358.0, 5304.0, 5700.0, 5598.0, 5653.0, 5652.0, 5570.0, 5464.0, 5624.0 (number of hits: 8)
13	5550	9	1	333	1	5596.0, 5698.0, 5449.0, 5427.0, 5310.0, 5328.0, 5333.0, 5551.0, 5706.0, 5582.0, 5306.0, 5561.0, 5319.0, 5263.0, 5623.0, 5524.0, 5312.0, 5500.0, 5392.0, 5722.0, 5377.0, 5347.0, 5420.0, 5587.0, 5695.0, 5552.0, 5694.0, 5384.0, 5670.0, 5344.0, 5405.0, 5688.0, 5544.0, 5705.0, 5359.0, 5577.0, 5601.0, 5279.0, 5525.0, 5285.0, 5443.0, 5416.0, 5452.0, 5315.0, 5283.0, 5474.0, 5657.0, 5393.0, 5565.0, 5466.0, 5278.0, 5470.0, 5545.0, 5569.0, 5297.0, 5257.0, 5342.0, 5411.0, 5531.0, 5604.0, 5702.0, 5713.0, 5588.0, 5557.0, 5282.0, 5584.0, 5351.0, 5622.0, 5581.0, 5459.0, 5589.0, 5664.0, 5465.0, 5520.0, 5619.0, 5259.0, 5650.0, 5617.0, 5436.0, 5271.0, 5615.0, 5668.0, 5471.0, 5409.0, 5320.0, 5568.0, 5358.0, 5648.0, 5496.0, 5294.0, 5707.0, 5579.0, 5634.0, 5432.0, 5430.0, 5675.0, 5717.0, 5481.0, 5686.0, 5274.0 (number of hits: 10)
14	5550	9	1	333	1	5571.0, 5491.0, 5418.0, 5441.0, 5717.0, 5487.0, 5414.0, 5454.0, 5681.0, 5592.0, 5636.0, 5697.0, 5524.0, 5659.0, 5326.0, 5505.0, 5309.0, 5339.0, 5282.0, 5366.0, 5498.0, 5552.0, 5507.0, 5437.0, 5723.0, 5273.0, 5616.0, 5350.0, 5277.0, 5302.0, 5639.0, 5347.0, 5476.0, 5443.0, 5406.0, 5673.0, 5676.0, 5402.0, 5533.0, 5294.0, 5503.0, 5251.0, 5269.0, 5527.0, 5510.0, 5590.0, 5587.0, 5448.0, 5622.0, 5300.0, 5408.0, 5642.0, 5696.0, 5602.0, 5451.0, 5618.0, 5321.0, 5504.0, 5466.0, 5284.0, 5429.0, 5511.0, 5293.0, 5613.0, 5396.0, 5399.0, 5386.0, 5388.0, 5394.0, 5278.0, 5539.0, 5340.0, 5683.0, 5573.0, 5643.0, 5285.0, 5471.0, 5630.0, 5286.0, 5348.0, 5378.0, 5320.0, 5565.0, 5689.0, 5316.0,

						5578.0, 5391.0, 5635.0, 5623.0, 5328.0, 5299.0, 5584.0, 5335.0, 5354.0, 5361.0, 5373.0, 5517.0, 5612.0, 5579.0, 5669.0 (number of hits: 4)
16	5550	9	1	333	1	5541.0, 5273.0, 5381.0, 5363.0, 5295.0, 5623.0, 5473.0, 5673.0, 5528.0, 5366.0, 5643.0, 5531.0, 5354.0, 5268.0, 5685.0, 5550.0, 5580.0, 5353.0, 5680.0, 5651.0, 5288.0, 5691.0, 5633.0, 5509.0, 5297.0, 5256.0, 5329.0, 5576.0, 5441.0, 5669.0, 5472.0, 5498.0, 5665.0, 5530.0, 5635.0, 5701.0, 5584.0, 5427.0, 5604.0, 5280.0, 5420.0, 5479.0, 5663.0, 5647.0, 5270.0, 5524.0, 5260.0, 5332.0, 5369.0, 5251.0, 5368.0, 5664.0, 5252.0, 5343.0, 5596.0, 5714.0, 5503.0, 5271.0, 5359.0, 5527.0, 5342.0, 5398.0, 5380.0, 5304.0, 5277.0, 5264.0, 5566.0, 5428.0, 5500.0, 5556.0, 5269.0, 5678.0, 5373.0, 5341.0, 5677.0, 5319.0, 5499.0, 5555.0, 5323.0, 5661.0, 5495.0, 5442.0, 5511.0, 5470.0, 5506.0, 5699.0, 5710.0, 5416.0, 5625.0, 5646.0, 5382.0, 5326.0, 5718.0, 5581.0, 5606.0, 5456.0, 5619.0, 5401.0, 5488.0, 5572.0 (number of hits: 7)
17	5550	9	1	333	1	5444.0, 5358.0, 5546.0, 5268.0, 5644.0, 5357.0, 5252.0, 5516.0, 5263.0, 5633.0, 5320.0, 5304.0, 5537.0, 5309.0, 5529.0, 5647.0, 5409.0, 5720.0, 5504.0, 5496.0, 5664.0, 5371.0, 5421.0, 5265.0, 5600.0, 5316.0, 5608.0, 5708.0, 5711.0, 5601.0, 5418.0, 5378.0, 5306.0, 5523.0, 5710.0, 5551.0, 5363.0, 5653.0, 5485.0, 5300.0, 5311.0, 5438.0, 5370.0, 5719.0, 5355.0, 5579.0, 5519.0, 5482.0, 5258.0, 5641.0, 5414.0, 5518.0, 5445.0, 5419.0, 5347.0, 5562.0, 5267.0, 5589.0, 5440.0, 5412.0, 5560.0, 5703.0, 5459.0, 5314.0, 5254.0, 5350.0, 5270.0, 5665.0, 5417.0, 5410.0, 5599.0, 5509.0, 5691.0, 5483.0, 5305.0, 5448.0, 5312.0, 5532.0, 5474.0, 5712.0, 5676.0, 5462.0, 5471.0, 5407.0, 5575.0, 5260.0, 5669.0, 5364.0, 5435.0, 5408.0, 5667.0, 5685.0, 5381.0, 5607.0, 5296.0, 5336.0, 5502.0, 5699.0, 5473.0, 5617.0 (number of hits: 6)
18	5550	9	1	333	1	5483.0, 5703.0, 5517.0, 5311.0, 5541.0, 5320.0, 5491.0, 5542.0, 5567.0, 5306.0, 5605.0, 5495.0, 5487.0, 5639.0, 5488.0, 5367.0, 5278.0, 5672.0, 5460.0, 5467.0, 5304.0, 5441.0, 5378.0, 5502.0, 5458.0, 5456.0, 5284.0, 5656.0, 5384.0, 5572.0, 5591.0, 5326.0, 5282.0, 5540.0, 5267.0, 5607.0, 5545.0, 5503.0, 5485.0, 5461.0, 5424.0, 5334.0, 5505.0, 5462.0, 5571.0, 5427.0, 5584.0, 5419.0, 5546.0, 5519.0, 5420.0, 5350.0, 5500.0, 5599.0, 5524.0, 5665.0, 5520.0, 5669.0, 5455.0, 5682.0, 5594.0, 5536.0, 5342.0, 5690.0, 5578.0,

						5394.0, 5636.0, 5556.0, 5442.0, 5391.0, 5674.0, 5640.0, 5431.0, 5414.0, 5566.0, 5630.0, 5417.0, 5325.0, 5328.0, 5316.0, 5719.0, 5413.0, 5463.0, 5647.0, 5286.0, 5437.0, 5509.0, 5337.0, 5451.0, 5625.0, 5526.0, 5260.0, 5324.0, 5323.0, 5629.0, 5510.0, 5330.0, 5585.0, 5416.0, 5611.0 (number of hits: 9)
19	5550	9	1	333	1	5539.0, 5322.0, 5583.0, 5598.0, 5455.0, 5416.0, 5348.0, 5521.0, 5447.0, 5514.0, 5720.0, 5612.0, 5693.0, 5371.0, 5686.0, 5394.0, 5402.0, 5704.0, 5552.0, 5554.0, 5557.0, 5480.0, 5543.0, 5670.0, 5597.0, 5596.0, 5362.0, 5669.0, 5429.0, 5654.0, 5532.0, 5435.0, 5523.0, 5275.0, 5572.0, 5616.0, 5636.0, 5277.0, 5452.0, 5395.0, 5283.0, 5368.0, 5550.0, 5606.0, 5564.0, 5305.0, 5367.0, 5286.0, 5622.0, 5445.0, 5418.0, 5390.0, 5634.0, 5500.0, 5709.0, 5706.0, 5338.0, 5489.0, 5324.0, 5579.0, 5299.0, 5424.0, 5352.0, 5293.0, 5294.0, 5407.0, 5276.0, 5304.0, 5311.0, 5576.0, 5396.0, 5328.0, 5295.0, 5509.0, 5566.0, 5409.0, 5645.0, 5638.0, 5353.0, 5296.0, 5312.0, 5555.0, 5682.0, 5613.0, 5434.0, 5525.0, 5573.0, 5635.0, 5347.0, 5439.0, 5357.0, 5397.0, 5291.0, 5272.0, 5594.0, 5290.0, 5426.0, 5473.0, 5302.0, 5699.0 (number of hits: 10)
20	5550	9	1	333	1	5481.0, 5714.0, 5506.0, 5628.0, 5413.0, 5669.0, 5655.0, 5621.0, 5542.0, 5444.0, 5293.0, 5701.0, 5388.0, 5598.0, 5720.0, 5494.0, 5574.0, 5588.0, 5551.0, 5607.0, 5500.0, 5456.0, 5657.0, 5694.0, 5341.0, 5692.0, 5680.0, 5472.0, 5547.0, 5371.0, 5572.0, 5381.0, 5450.0, 5397.0, 5644.0, 5424.0, 5642.0, 5518.0, 5613.0, 5366.0, 5507.0, 5354.0, 5622.0, 5566.0, 5409.0, 5328.0, 5600.0, 5636.0, 5404.0, 5522.0, 5443.0, 5286.0, 5691.0, 5262.0, 5656.0, 5438.0, 5465.0, 5461.0, 5631.0, 5659.0, 5261.0, 5449.0, 5266.0, 5698.0, 5336.0, 5379.0, 5493.0, 5601.0, 5520.0, 5363.0, 5343.0, 5587.0, 5464.0, 5462.0, 5414.0, 5672.0, 5330.0, 5653.0, 5260.0, 5479.0, 5513.0, 5431.0, 5470.0, 5624.0, 5282.0, 5411.0, 5314.0, 5615.0, 5257.0, 5325.0, 5681.0, 5292.0, 5263.0, 5332.0, 5383.0, 5322.0, 5278.0, 5549.0, 5433.0, 5360.0 (number of hits: 5)
21	5550	9	1	333	1	5396.0, 5635.0, 5388.0, 5679.0, 5563.0, 5402.0, 5292.0, 5368.0, 5542.0, 5275.0, 5473.0, 5530.0, 5585.0, 5425.0, 5359.0, 5535.0, 5620.0, 5596.0, 5434.0, 5687.0, 5358.0, 5453.0, 5576.0, 5470.0, 5464.0, 5652.0, 5559.0, 5339.0, 5261.0, 5510.0, 5704.0, 5487.0, 5594.0, 5673.0, 5344.0, 5549.0, 5310.0, 5609.0, 5477.0, 5383.0, 5327.0, 5699.0, 5480.0, 5514.0, 5364.0,

						5569.0, 5641.0, 5654.0, 5390.0, 5615.0, 5611.0, 5337.0, 5370.0, 5523.0, 5273.0, 5448.0, 5688.0, 5266.0, 5353.0, 5290.0, 5506.0, 5658.0, 5336.0, 5311.0, 5456.0, 5300.0, 5595.0, 5664.0, 5709.0, 5471.0, 5403.0, 5423.0, 5319.0, 5447.0, 5525.0, 5622.0, 5412.0, 5494.0, 5481.0, 5541.0, 5316.0, 5436.0, 5304.0, 5614.0, 5495.0, 5414.0, 5262.0, 5717.0, 5483.0, 5389.0, 5678.0, 5472.0, 5508.0, 5551.0, 5442.0, 5671.0, 5438.0, 5536.0, 5672.0, 5401.0 (number of hits: 10)
22	5550	9	1	333	1	5689.0, 5457.0, 5423.0, 5509.0, 5583.0, 5372.0, 5277.0, 5334.0, 5612.0, 5289.0, 5500.0, 5548.0, 5554.0, 5451.0, 5650.0, 5503.0, 5448.0, 5620.0, 5276.0, 5715.0, 5705.0, 5519.0, 5252.0, 5386.0, 5408.0, 5353.0, 5282.0, 5445.0, 5442.0, 5475.0, 5544.0, 5512.0, 5437.0, 5399.0, 5687.0, 5630.0, 5688.0, 5571.0, 5641.0, 5474.0, 5488.0, 5465.0, 5675.0, 5524.0, 5314.0, 5382.0, 5367.0, 5654.0, 5631.0, 5364.0, 5302.0, 5690.0, 5304.0, 5518.0, 5703.0, 5254.0, 5315.0, 5639.0, 5664.0, 5494.0, 5698.0, 5432.0, 5572.0, 5652.0, 5393.0, 5385.0, 5482.0, 5471.0, 5270.0, 5410.0, 5530.0, 5380.0, 5504.0, 5588.0, 5585.0, 5318.0, 5464.0, 5603.0, 5587.0, 5422.0, 5576.0, 5470.0, 5350.0, 5328.0, 5692.0, 5517.0, 5381.0, 5395.0, 5288.0, 5285.0, 5297.0, 5402.0, 5344.0, 5635.0, 5599.0, 5483.0, 5552.0, 5272.0, 5417.0, 5551.0 (number of hits: 6)
23	5550	9	1	333	1	5440.0, 5505.0, 5576.0, 5702.0, 5455.0, 5661.0, 5603.0, 5303.0, 5665.0, 5614.0, 5541.0, 5384.0, 5657.0, 5271.0, 5712.0, 5659.0, 5294.0, 5340.0, 5370.0, 5387.0, 5693.0, 5383.0, 5520.0, 5415.0, 5632.0, 5362.0, 5685.0, 5403.0, 5534.0, 5631.0, 5639.0, 5546.0, 5719.0, 5703.0, 5664.0, 5412.0, 5681.0, 5319.0, 5347.0, 5328.0, 5669.0, 5594.0, 5446.0, 5606.0, 5312.0, 5472.0, 5584.0, 5339.0, 5264.0, 5355.0, 5411.0, 5701.0, 5477.0, 5395.0, 5717.0, 5341.0, 5506.0, 5473.0, 5434.0, 5349.0, 5418.0, 5528.0, 5608.0, 5337.0, 5504.0, 5641.0, 5628.0, 5548.0, 5637.0, 5288.0, 5441.0, 5582.0, 5598.0, 5536.0, 5496.0, 5517.0, 5342.0, 5489.0, 5406.0, 5253.0, 5404.0, 5467.0, 5577.0, 5348.0, 5427.0, 5710.0, 5567.0, 5336.0, 5560.0, 5365.0, 5445.0, 5647.0, 5673.0, 5329.0, 5556.0, 5454.0, 5275.0, 5604.0, 5430.0, 5526.0 (number of hits: 8)
24	5550	9	1	333	1	5440.0, 5429.0, 5441.0, 5516.0, 5637.0, 5587.0, 5560.0, 5581.0, 5486.0, 5265.0, 5393.0, 5611.0, 5280.0, 5402.0, 5288.0, 5364.0, 5421.0, 5600.0, 5638.0, 5387.0, 5268.0, 5718.0, 5503.0, 5348.0, 5530.0,

						5382.0, 5542.0, 5293.0, 5682.0, 5670.0, 5505.0, 5468.0, 5263.0, 5497.0, 5321.0, 5673.0, 5450.0, 5333.0, 5692.0, 5374.0, 5341.0, 5336.0, 5344.0, 5355.0, 5698.0, 5704.0, 5549.0, 5622.0, 5514.0, 5372.0, 5693.0, 5658.0, 5454.0, 5383.0, 5689.0, 5493.0, 5501.0, 5616.0, 5553.0, 5538.0, 5663.0, 5573.0, 5419.0, 5259.0, 5635.0, 5534.0, 5601.0, 5426.0, 5579.0, 5695.0, 5400.0, 5686.0, 5495.0, 5708.0, 5449.0, 5532.0, 5591.0, 5672.0, 5253.0, 5404.0, 5339.0, 5640.0, 5395.0, 5460.0, 5533.0, 5504.0, 5675.0, 5423.0, 5697.0, 5475.0, 5446.0, 5334.0, 5688.0, 5414.0, 5595.0, 5469.0, 5360.0, 5270.0, 5582.0, 5636.0 (number of hits: 9)
25	5550	9	1	333	1	5675.0, 5550.0, 5693.0, 5386.0, 5617.0, 5284.0, 5310.0, 5578.0, 5394.0, 5366.0, 5397.0, 5444.0, 5327.0, 5298.0, 5545.0, 5517.0, 5522.0, 5641.0, 5374.0, 5372.0, 5552.0, 5701.0, 5271.0, 5251.0, 5711.0, 5318.0, 5466.0, 5596.0, 5255.0, 5256.0, 5331.0, 5477.0, 5314.0, 5294.0, 5602.0, 5685.0, 5576.0, 5516.0, 5342.0, 5290.0, 5410.0, 5698.0, 5325.0, 5304.0, 5631.0, 5315.0, 5622.0, 5492.0, 5408.0, 5694.0, 5308.0, 5359.0, 5337.0, 5385.0, 5532.0, 5363.0, 5265.0, 5371.0, 5458.0, 5343.0, 5261.0, 5415.0, 5620.0, 5365.0, 5380.0, 5275.0, 5628.0, 5575.0, 5688.0, 5292.0, 5399.0, 5395.0, 5412.0, 5564.0, 5286.0, 5445.0, 5635.0, 5471.0, 5449.0, 5533.0, 5529.0, 5486.0, 5605.0, 5590.0, 5267.0, 5524.0, 5373.0, 5269.0, 5584.0, 5457.0, 5329.0, 5367.0, 5346.0, 5288.0, 5695.0, 5400.0, 5599.0, 5429.0, 5282.0, 5274.0 (number of hits: 6)
26	5550	9	1	333	1	5651.0, 5654.0, 5547.0, 5530.0, 5274.0, 5526.0, 5440.0, 5426.0, 5321.0, 5687.0, 5295.0, 5479.0, 5446.0, 5497.0, 5349.0, 5427.0, 5691.0, 5652.0, 5506.0, 5483.0, 5335.0, 5632.0, 5281.0, 5460.0, 5326.0, 5511.0, 5699.0, 5412.0, 5316.0, 5272.0, 5269.0, 5644.0, 5618.0, 5516.0, 5619.0, 5682.0, 5569.0, 5461.0, 5293.0, 5395.0, 5484.0, 5340.0, 5613.0, 5489.0, 5602.0, 5402.0, 5660.0, 5711.0, 5425.0, 5524.0, 5551.0, 5443.0, 5662.0, 5371.0, 5475.0, 5481.0, 5650.0, 5611.0, 5422.0, 5398.0, 5540.0, 5351.0, 5377.0, 5259.0, 5700.0, 5405.0, 5419.0, 5605.0, 5637.0, 5559.0, 5325.0, 5598.0, 5527.0, 5294.0, 5508.0, 5620.0, 5519.0, 5675.0, 5492.0, 5498.0, 5309.0, 5515.0, 5447.0, 5622.0, 5287.0, 5649.0, 5591.0, 5462.0, 5468.0, 5707.0, 5678.0, 5625.0, 5477.0, 5257.0, 5464.0, 5564.0, 5373.0, 5253.0, 5671.0, 5354.0 (number of hits: 7)
27	5550	9	1	333	1	5630.0, 5260.0, 5510.0, 5444.0, 5380.0,

						5497.0, 5293.0, 5430.0, 5662.0, 5701.0, 5448.0, 5702.0, 5314.0, 5457.0, 5316.0, 5638.0, 5413.0, 5298.0, 5558.0, 5332.0, 5360.0, 5416.0, 5687.0, 5294.0, 5646.0, 5252.0, 5536.0, 5560.0, 5271.0, 5500.0, 5521.0, 5467.0, 5690.0, 5575.0, 5537.0, 5586.0, 5425.0, 5403.0, 5703.0, 5633.0, 5383.0, 5553.0, 5632.0, 5459.0, 5674.0, 5442.0, 5302.0, 5720.0, 5364.0, 5514.0, 5381.0, 5578.0, 5533.0, 5675.0, 5661.0, 5286.0, 5254.0, 5384.0, 5342.0, 5275.0, 5320.0, 5631.0, 5280.0, 5627.0, 5651.0, 5291.0, 5722.0, 5387.0, 5606.0, 5262.0, 5372.0, 5361.0, 5486.0, 5647.0, 5522.0, 5347.0, 5251.0, 5554.0, 5356.0, 5699.0, 5419.0, 5659.0, 5611.0, 5511.0, 5470.0, 5618.0, 5484.0, 5629.0, 5685.0, 5516.0, 5681.0, 5270.0, 5409.0, 5458.0, 5501.0, 5441.0, 5334.0, 5653.0, 5624.0, 5595.0 (number of hits: 7)
28	5550	9	1	333	1	5287.0, 5523.0, 5619.0, 5355.0, 5680.0, 5313.0, 5387.0, 5390.0, 5636.0, 5557.0, 5568.0, 5454.0, 5350.0, 5663.0, 5293.0, 5596.0, 5354.0, 5493.0, 5591.0, 5533.0, 5400.0, 5274.0, 5308.0, 5396.0, 5720.0, 5488.0, 5555.0, 5491.0, 5577.0, 5682.0, 5353.0, 5425.0, 5479.0, 5403.0, 5701.0, 5410.0, 5469.0, 5578.0, 5368.0, 5588.0, 5382.0, 5671.0, 5620.0, 5570.0, 5419.0, 5252.0, 5408.0, 5712.0, 5589.0, 5339.0, 5256.0, 5601.0, 5684.0, 5432.0, 5563.0, 5613.0, 5311.0, 5617.0, 5371.0, 5373.0, 5471.0, 5561.0, 5722.0, 5271.0, 5367.0, 5528.0, 5377.0, 5713.0, 5450.0, 5480.0, 5416.0, 5476.0, 5446.0, 5443.0, 5343.0, 5611.0, 5461.0, 5364.0, 5641.0, 5253.0, 5334.0, 5511.0, 5447.0, 5679.0, 5566.0, 5295.0, 5576.0, 5451.0, 5678.0, 5604.0, 5512.0, 5413.0, 5690.0, 5325.0, 5630.0, 5333.0, 5335.0, 5468.0, 5554.0, 5407.0 (number of hits: 8)
29	5550	9	1	333	1	5358.0, 5313.0, 5554.0, 5304.0, 5281.0, 5346.0, 5559.0, 5706.0, 5717.0, 5338.0, 5568.0, 5615.0, 5339.0, 5327.0, 5549.0, 5298.0, 5649.0, 5499.0, 5479.0, 5394.0, 5372.0, 5357.0, 5375.0, 5311.0, 5253.0, 5629.0, 5408.0, 5665.0, 5398.0, 5710.0, 5663.0, 5271.0, 5577.0, 5417.0, 5707.0, 5674.0, 5403.0, 5472.0, 5418.0, 5700.0, 5590.0, 5257.0, 5308.0, 5438.0, 5509.0, 5385.0, 5307.0, 5646.0, 5269.0, 5702.0, 5496.0, 5701.0, 5347.0, 5447.0, 5563.0, 5431.0, 5517.0, 5685.0, 5482.0, 5500.0, 5368.0, 5445.0, 5475.0, 5595.0, 5673.0, 5309.0, 5525.0, 5575.0, 5679.0, 5580.0, 5681.0, 5570.0, 5604.0, 5716.0, 5513.0, 5448.0, 5469.0, 5585.0, 5400.0, 5265.0, 5715.0, 5689.0, 5605.0, 5502.0, 5293.0, 5328.0, 5464.0, 5537.0, 5642.0, 5330.0,

						5530.0, 5519.0, 5501.0, 5572.0, 5644.0, 5614.0, 5680.0, 5514.0, 5416.0, 5486.0 (number of hits: 7)
30	5550	9	1	333	1	5531.0, 5472.0, 5443.0, 5576.0, 5694.0, 5584.0, 5311.0, 5571.0, 5252.0, 5620.0, 5389.0, 5672.0, 5541.0, 5425.0, 5656.0, 5342.0, 5292.0, 5446.0, 5666.0, 5555.0, 5470.0, 5621.0, 5711.0, 5502.0, 5344.0, 5255.0, 5645.0, 5572.0, 5706.0, 5466.0, 5412.0, 5378.0, 5489.0, 5262.0, 5426.0, 5338.0, 5447.0, 5670.0, 5386.0, 5654.0, 5397.0, 5610.0, 5601.0, 5648.0, 5687.0, 5631.0, 5520.0, 5704.0, 5686.0, 5347.0, 5308.0, 5719.0, 5259.0, 5369.0, 5350.0, 5395.0, 5677.0, 5471.0, 5558.0, 5332.0, 5491.0, 5646.0, 5436.0, 5516.0, 5310.0, 5643.0, 5387.0, 5298.0, 5272.0, 5641.0, 5652.0, 5513.0, 5617.0, 5433.0, 5477.0, 5547.0, 5559.0, 5722.0, 5636.0, 5603.0, 5300.0, 5379.0, 5582.0, 5281.0, 5623.0, 5368.0, 5268.0, 5713.0, 5399.0, 5552.0, 5481.0, 5376.0, 5431.0, 5270.0, 5314.0, 5429.0, 5363.0, 5501.0, 5432.0, 5355.0 (number of hits: 7)
1	5550	9	1	333	1	5435.0, 5642.0, 5518.0, 5426.0, 5283.0, 5372.0, 5293.0, 5511.0, 5567.0, 5381.0, 5264.0, 5298.0, 5440.0, 5500.0, 5634.0, 5526.0, 5552.0, 5675.0, 5621.0, 5302.0, 5661.0, 5394.0, 5669.0, 5702.0, 5706.0, 5382.0, 5602.0, 5499.0, 5583.0, 5424.0, 5664.0, 5569.0, 5438.0, 5723.0, 5454.0, 5277.0, 5327.0, 5484.0, 5391.0, 5538.0, 5259.0, 5717.0, 5474.0, 5427.0, 5641.0, 5637.0, 5623.0, 5654.0, 5315.0, 5329.0, 5301.0, 5597.0, 5649.0, 5366.0, 5345.0, 5269.0, 5703.0, 5617.0, 5322.0, 5403.0, 5506.0, 5467.0, 5611.0, 5607.0, 5405.0, 5663.0, 5377.0, 5365.0, 5295.0, 5362.0, 5304.0, 5251.0, 5594.0, 5317.0, 5279.0, 5373.0, 5321.0, 5631.0, 5579.0, 5712.0, 5542.0, 5655.0, 5671.0, 5367.0, 5586.0, 5470.0, 5517.0, 5580.0, 5679.0, 5619.0, 5476.0, 5645.0, 5418.0, 5299.0, 5330.0, 5463.0, 5535.0, 5584.0, 5561.0, 5428.0 (number of hits: 7)

5290 MHz, 80 MHz Bandwidth

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

Please refer to the following statistical tables:

Table-1 Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5290	63	1	838	1
2	5290	89	1	598	1
3	5290	61	1	878	1
4	5290	81	1	658	1
5	5290	78	1	678	1
6	5290	72	1	738	1
7	5290	67	1	798	1
8	5290	99	1	538	1
9	5290	76	1	698	1
10	5290	70	1	758	1
11	5290	18	1	3066	1
12	5290	83	1	638	1
13	5290	58	1	918	1
14	5290	102	1	518	1
15	5290	65	1	818	1
16	5290	21	1	2533	1
17	5290	29	1	1884	1
18	5290	22	1	2434	1
19	5290	32	1	1657	1
20	5290	28	1	1898	1
21	5290	71	1	744	1
22	5290	32	1	1699	1
23	5290	18	1	3020	1
24	5290	18	1	2953	1
25	5290	46	1	1163	1
26	5290	19	1	2812	1
27	5290	71	1	752	1
28	5290	48	1	1113	1
29	5290	28	1	1926	1
30	5290	46	1	1162	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5290	27	2	206	1
2	5290	24	3.3	152	1
3	5290	28	2.1	197	1
4	5290	28	2.8	171	1
5	5290	24	1.3	203	1
6	5290	25	1.1	164	1
7	5290	29	2.2	195	1
8	5290	28	4.1	180	1
9	5290	28	4	170	1
10	5290	24	2.1	174	1
11	5290	23	1	208	1
12	5290	25	3.7	164	1
13	5290	25	5	229	1
14	5290	27	2.5	175	1
15	5290	25	3.9	224	1
16	5290	29	3.8	183	1
17	5290	26	2.4	205	1
18	5290	23	2.2	184	1
19	5290	23	2.1	221	1
20	5290	28	2.8	172	1
21	5290	29	4.5	218	1
22	5290	28	2.1	200	1
23	5290	24	2.4	190	1
24	5290	29	5	196	1
25	5290	24	1.1	155	1
26	5290	26	1.6	198	1
27	5290	24	3	204	1
28	5290	29	5	151	1
29	5290	25	1.8	166	1
30	5290	25	1.5	174	1
Detection Percentage: 100% (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5290	18	6.7	411	1
2	5290	16	9.8	350	1
3	5290	16	7	321	1
4	5290	17	6.2	292	1
5	5290	18	7.3	495	1
6	5290	16	9.8	426	1
7	5290	16	7.6	274	1
8	5290	18	10	394	1
9	5290	17	9	493	1
10	5290	17	9.8	347	1
11	5290	16	7.5	358	1
12	5290	18	7.4	432	1
13	5290	16	8.3	402	1
14	5290	18	9	481	1
15	5290	17	7.6	481	1
16	5290	16	9.5	267	1
17	5290	16	8.3	360	1
18	5290	18	6	292	1
19	5290	18	6.6	454	1
20	5290	18	10	490	1
21	5290	16	9.1	261	1
22	5290	16	7.3	381	1
23	5290	18	7.5	404	1
24	5290	18	9.4	291	1
25	5290	18	7.1	461	1
26	5290	17	8.7	425	1
27	5290	18	6.7	400	1
28	5290	17	7.6	458	1
29	5290	18	8.5	329	1
30	5290	16	9.2	412	1
Detection Percentage: 100 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5290	13	17.4	325	1
2	5290	16	14.7	240	1
3	5290	16	19.7	396	1
4	5290	13	15.2	311	1
5	5290	14	14.2	477	1
6	5290	14	17.7	201	1
7	5290	14	19.2	354	1
8	5290	15	11.4	220	1
9	5290	13	16.6	462	1
10	5290	12	12.4	447	1
11	5290	15	20	343	1
12	5290	14	18.3	321	1
13	5290	13	18	343	1
14	5290	13	14	478	1
15	5290	16	15.9	344	1
16	5290	13	18.5	216	1
17	5290	15	12.5	416	1
18	5290	13	11.1	399	1
19	5290	12	12.9	401	1
20	5290	14	15.8	416	1
21	5290	14	13.4	389	1
22	5290	15	13.3	207	1
23	5290	14	14.7	423	1
24	5290	14	17.3	343	1
25	5290	16	17.6	365	1
26	5290	14	13.3	258	1
27	5290	13	16.7	447	1
28	5290	15	12.3	218	1
29	5290	15	12.3	425	1
30	5290	16	13	279	1
Detection Percentage: 100 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Bin5 Statistics 1

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	15	88.3	1599		0.585676	1
1	2	18	59.3	1112		1.80168	
2	3	12	73.5	1881	1884	2.472826	
3	1	6	80.8			3.290356	
4	1	16	75.2			3.975447	
5	2	15	80.5	1688		5.15059	
6	3	13	56.9	1687	1672	5.913287	
7	2	14	57.6	1310		6.514758	
8	1	18	80.5			7.754486	
9	2	8	52.9	1625		8.98804	
10	2	13	56	1162		9.564974	
11	2	8	68.8	1480		10.452884	
12	3	18	68.8	1516	1946	11.977751	

Bin5 Statistics 2

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	12	76.6	1624		0.227978	1
1	3	13	59.4	1688	1077	0.813784	
2	3	20	68.7	1913	1798	1.920692	
3	2	18	62.4	1544		3.118467	
4	3	12	61.7	1959	1582	3.408209	
5	3	11	86.3	1133	1824	4.172392	
6	1	12	58.2			5.48267	
7	2	14	70.7	1455		5.665096	
8	1	13	65.3			6.664354	
9	2	10	60.8	1981		7.665897	
10	2	15	81.1	1759		8.325469	
11	2	17	63.9	1174		9.100142	
12	3	18	84.8	1304	1742	10.005111	
13	2	14	67.4	1269		10.994205	
14	3	5	99	1331	1286	11.591059	

Bin5 Statistics 3

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	17	82.6	1338		0.352454	
1	1	10	80.6			0.996612	
2	3	17	83	1546	1976	2.07986	
3	2	8	69	1820		2.981393	
4	1	12	91.7			3.531076	
5	2	6	93.2	1404		4.35342	
6	2	10	50.7	1321		4.802785	
7	2	7	54.2	1177		6.295574	1
8	1	15	91.5			7.109846	
9	2	18	97.5	1579		7.699166	
10	3	6	95.3	1983	1559	8.124749	
11	1	15	72.5			8.910874	
12	2	17	54.7	1840		10.151545	
13	1	9	53.4			11.155038	
14	3	11	77.5	1001	1883	11.207078	

Bin5 Statistics 4

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	10	71	1707		0.489185	
1	3	7	92.3	1057	1513	0.818708	
2	1	11	52.2			1.608531	
3	2	7	65.4	1529		1.900423	
4	2	13	60.2	1416		3.137596	
5	2	18	87.1	1916		3.562543	
6	2	17	83.7	1096		4.252137	
7	3	6	64.9	1296	1270	4.667	
8	1	5	87.8			5.411623	
9	3	5	87.7	1851	1484	6.201811	1
10	1	20	54.2			6.460863	
11	1	14	78.9			7.018424	
12	2	6	71.1	1263		8.203616	
13	3	13	80	1516	1744	8.611496	
14	1	16	81.5			8.92577	
15	2	16	92.1	1869		9.970354	
16	2	17	76	1461		10.673845	
17	2	11	91	1795		11.089123	
18	3	6	79.5	1886	1338	11.742886	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	18	72.7			0.255439	1
1	1	19	68.4			1.496087	
2	2	19	99.6	1438		1.932058	
3	1	12	84.7			2.792226	
4	2	10	52.1	1887		3.210035	
5	2	10	89.5	1424		4.40877	
6	3	6	63.3	1431	1714	5.170379	
7	2	15	87	1011		5.849196	
8	1	15	79.1			6.302103	
9	2	17	84.1	1945		7.02118	
10	2	18	86.1	1604		7.959816	
11	3	19	99.5	1807	1604	8.689663	
12	1	7	70.9			9.621495	
13	3	9	51.6	1495	1253	10.434654	
14	3	5	68.9	1782	1336	10.933092	
15	3	7	62.5	1888	1694	11.328335	

Bin5 Statistics 6

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	15	74.4	1291		0.702917	1
1	3	15	78.7	1890	1791	1.133289	
2	1	8	69.9			2.210693	
3	2	15	68.2	1403		2.656378	
4	2	17	72.6	1434		3.230312	
5	2	11	88.1	1239		4.180591	
6	3	9	76.8	1084	1025	5.016029	
7	3	11	77.1	1276	1679	5.388	
8	3	12	97.4	1293	1088	6.057341	
9	2	18	54.1	1517		7.086035	
10	2	9	80.8	1682		7.575701	
11	1	9	78.5			8.439873	
12	2	10	99.5	1075		9.170231	
13	3	13	58.3	1887	1025	10.423865	
14	2	17	67	1123		10.936923	
15	2	10	69.8	1230		11.946299	

Bin5 Statistics 7

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	70.3	1216		0.305981	1
1	2	19	50.3	1874		1.558452	
2	2	13	91.9	1625		2.152084	
3	2	16	88.2	1606		3.635165	
4	2	19	88.2	1595		4.95742	
5	1	16	78			5.329538	
6	3	19	69.9	1496	1644	6.04584	
7	1	7	66.3			7.626514	
8	2	12	76.2	1126		8.82728	
9	2	13	95.3	1332		9.49357	
10	1	13	65.7			10.703378	
11	1	15	84			11.430499	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	80.9	1998		0.03139	1
1	2	9	65.7	1059		1.01867	
2	3	13	56.3	1850	1201	2.925505	
3	2	8	89.5	1162		3.801218	
4	2	10	72.1	1503		4.543361	
5	2	16	63.5	1499		5.390144	
6	1	15	89.7			6.770655	
7	2	11	57.3	1222		7.150757	
8	3	9	75.7	1521	1741	8.259418	
9	2	10	57.7	1211		9.621458	
10	1	14	84.1			10.146818	
11	1	18	82.4			11.08544	

Bin5 Statistics 9

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	19	92.4	1124		0.051759	1
1	3	8	71.5	1779	1401	2.14495	
2	2	11	50.7	1022		3.208432	
3	2	11	62.1	1328		4.066529	
4	2	16	65.4	1245		5.434513	
5	2	13	81.5	1945		7.914308	
6	2	19	65.9	1811		8.150837	
7	2	9	98.2	1933		10.485471	
8	1	19	63.7			10.963878	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	80.5			0.233923	1
1	3	9	53.9	1628	1983	0.765173	
2	2	5	63.9	1201		1.692779	
3	1	17	68.6			2.414557	
4	3	8	97.5	1411	1941	3.066494	
5	1	13	71.9			4.368273	
6	1	14	79.1			5.069576	
7	2	6	62.8	1250		5.977895	
8	2	11	73.4	1904		6.6299	
9	1	16	56.5			6.914307	
10	1	17	62.9			7.631128	
11	1	11	93.8			8.887125	
12	2	9	63.4	1194		9.64752	
13	3	10	50.5	1008	1232	10.470286	
14	3	9	77	1335	1839	10.726087	
15	3	7	98.3	1405	1651	11.972865	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	50.9	1263	1761	0.792008	
1	3	16	83.2	1537	1085	1.151537	
2	2	6	77.1	1423		2.857436	
3	1	19	79.9			3.929054	
4	2	14	95.6	1807		4.654765	
5	2	17	88.3	1928		5.830431	1
6	1	15	83.6			7.058657	
7	2	16	86.3	1203		8.097248	
8	1	10	86.6			9.123121	
9	1	12	70.1			10.009433	
10	2	13	73	1940		11.321638	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	77.8	1044		0.064534	
1	1	13	98.3			1.507492	
2	2	19	85.2	1021		1.835798	
3	3	6	92.8	1922	1441	2.818436	
4	2	18	60.5	1167		3.535822	
5	2	8	83.8	1820		4.819913	
6	2	19	51	1901		5.404723	
7	1	8	57.2			6.624287	1
8	3	5	55.6	1866	1762	7.468217	
9	2	13	74.2	1271		8.070147	
10	3	7	53.3	1786	1103	9.104389	
11	2	14	84.3	1976		10.089788	
12	3	11	84.8	1734	1267	10.456889	
13	3	18	51.7	1633	1765	11.667288	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	57.3			0.377434	
1	3	17	56.6	1331	1789	2.47538	
2	3	13	97.7	1151	1885	2.952118	
3	1	6	72.2			4.668987	
4	2	15	91.2	1063		6.446997	1
5	3	12	67.6	1057	1147	7.417867	
6	2	6	69.4	1423		8.175022	
7	3	8	94.2	1872	1159	10.428369	
8	2	8	89.9	1723		11.518327	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	74.7			0.373532	
1	2	16	68.7	1984		1.442933	
2	3	10	100	1424	1499	1.795386	
3	1	20	56.8			2.680609	
4	2	12	64.4	1995		3.383318	
5	2	11	70.9	1031		4.032183	
6	1	6	97.8			5.146998	
7	1	13	63.7			5.509088	
8	2	18	66.1	1829		6.059397	1
9	1	9	97.9			7.445076	
10	3	7	55.2	1666	1400	8.032582	
11	2	6	58.9	1149		8.287047	
12	2	8	89.5	1179		9.448314	
13	3	8	95.8	1254	1197	10.032551	
14	3	10	65.8	1910	1788	10.772387	
15	1	19	94.4			11.719393	

Bin5 Statistics 15

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	19	88.9	1590		0.952009	
1	1	15	73.9			1.001175	
2	2	5	80.1	1042		2.357402	
3	1	16	85.5			3.592444	
4	2	14	50.2	1305		4.094161	
5	1	13	57.3			5.435762	1
6	2	15	97.4	1618		6.212369	
7	2	7	97.8	1734		7.960591	
8	2	13	81.6	1593		8.725302	
9	2	11	95.8	1526		9.440852	
10	3	11	74.7	1844	1470	10.187001	
11	2	11	63.4	1520		11.644964	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	54.4			0.969493	
1	2	16	50.8	1777		1.969	
2	2	12	89	1228		2.606371	
3	1	10	69.2			3.88239	
4	3	12	58.7	1667	1935	4.888577	
5	1	17	51.8			6.100367	1
6	2	14	84.5	1429		7.67168	
7	1	14	58.2			9.319123	
8	1	14	72.8			9.918617	
9	3	13	88.1	1852	1403	11.046568	
0	1	10	54.4			0.969493	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	5	95.4			0.60994	
1	2	8	87.2	1573		1.278507	
2	3	10	64	1766	1258	1.915655	
3	3	10	64.3	1632	1884	3.469492	
4	3	6	60.4	1754	1187	4.463481	
5	3	10	78.7	1631	1476	5.241393	
6	2	11	95.9	1948		6.190665	1
7	2	10	87.1	1733		6.787035	
8	2	16	74	1748		7.468944	
9	2	15	91.7	1100		9.018761	
10	2	6	77	1296		10.118012	
11	2	12	55	1770		10.453005	
12	2	19	89.3	1593		11.597495	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	18	87.2			0.304465	
1	2	14	79.4	1218		0.923313	
2	2	12	68.1	1235		2.012496	
3	2	9	62.2	1140		2.416365	
4	3	10	64.4	1491	1676	3.616875	
5	2	5	77	1786		4.259002	
6	2	20	56.4	1665		5.411988	
7	3	18	54.5	1783	1891	6.281755	1
8	1	15	83.5			6.558181	
9	3	13	87.9	1897	1325	7.596394	
10	2	11	88.9	1953		8.782702	
11	2	12	81.4	1260		9.519167	
12	2	18	61.7	1950		9.663584	
13	3	7	69.8	1113	1948	10.593977	
14	2	5	67.1	1595		11.844919	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	81.7			0.500865	1
1	2	6	74.4	1544		0.909358	
2	3	8	79.6	1870	1928	1.683609	
3	3	11	90.9	1378	1846	1.860715	
4	1	11	56.8			2.938522	
5	1	10	52.8			3.305514	
6	2	14	59.8	1734		4.066476	
7	2	6	55.9	1225		4.775106	
8	3	8	85.3	1196	1130	5.237913	
9	3	18	53.7	1270	1033	5.965263	
10	3	7	79.9	1568	1325	6.033605	
11	1	12	63.5			6.793309	
12	2	15	87.9	1926		7.519914	
13	3	6	82.9	1860	1259	8.027625	
14	2	8	78.6	1469		8.415149	
15	1	19	85.8			9.461744	
16	1	17	77.4			10.19316	
17	2	10	53.8	1521		10.609401	
18	1	11	55.3			10.856393	
19	1	6	98.2			11.904682	

Bin5 Statistics 20

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	58.4	1381		0.293515	1
1	3	19	51.7	1651	1363	0.908444	
2	3	13	52.4	1903	1562	1.956612	
3	3	14	84.8	1960	1054	2.520452	
4	3	9	82.7	1959	1415	3.297276	
5	2	13	84.5	1086		3.551004	
6	3	11	84.1	1473	1336	4.144547	
7	2	8	63.5	1590		5.082773	
8	2	6	79.7	1945		5.407556	
9	2	8	70.5	1960		6.261051	
10	3	10	53.3	1994	1782	7.05444	
11	2	19	97.4	1682		7.527789	
12	1	19	77.1			8.539008	
13	2	16	62.6	1452		8.841216	
14	2	10	96.2	1989		9.638691	
15	1	18	51.3			10.226742	
16	2	17	95.2	1402		10.850305	
17	2	13	74.4	1069		11.599915	

Bin5 Statistics 21

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	11	59.5	1231		0.255084	1
1	3	11	97.1	1301	1322	0.835891	
2	2	17	58.6	1590		1.410085	
3	3	19	99.8	1070	1493	2.253948	
4	3	7	99.8	1176	1708	2.895164	
5	2	18	93.9	1576		3.415725	
6	2	17	96.9	1552		3.858444	
7	3	18	62.2	1158	1182	4.939957	
8	2	14	54.3	1779		5.277153	
9	2	6	68.3	1486		5.896343	
10	2	5	74	1579		6.702798	
11	3	19	75.9	1006	1648	7.486003	
12	3	16	70.5	1251	1028	8.177606	
13	2	11	55.7	1106		8.697961	
14	2	19	55.6	1992		8.955868	
15	2	7	79.5	1023		9.941894	
16	3	5	90.3	1605	1698	10.451207	
17	3	12	82	1244	1958	11.038735	

Bin5 Statistics 22

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	5	93.8	1552		0.030185	1
1	2	8	58.3	1957		2.564589	
2	2	18	52.1	1569		4.485517	
3	2	10	52.4	1036		4.695371	
4	3	8	69	1414	1950	6.169024	
5	3	17	52.4	1335	1827	8.848594	
6	2	10	94.1	1411		10.149928	
7	2	10	63.5	1486		11.035822	

Bin5 Statistics 23

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	15	84.5	1748	1228	0.275615	
1	2	5	87.8	1908		2.413665	
2	2	9	74	1896		2.794211	
3	3	13	62.9	1741	1319	5.310938	
4	2	5	98	1070		6.533958	1
5	1	18	62.3			6.97159	
6	1	6	82.6			8.334154	
7	1	6	56.2			9.957382	
8	3	18	68.4	1627	1221	11.54211	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	75.3			0.188515	
1	2	9	93.4	1177		0.729524	
2	2	13	67.7	1811		1.58405	
3	1	6	94.9			2.219427	
4	1	16	81.8			2.864073	
5	1	18	97.9			3.70494	
6	2	12	93.8	1167		4.400765	
7	2	15	88.7	1249		5.195569	
8	2	15	55.9	1570		5.653095	
9	1	10	62.2			6.302504	1
10	2	9	80.5	1905		6.782148	
11	2	12	50.3	1698		7.805847	
12	1	11	57.7			8.041825	
13	2	16	97.9	1576		8.721357	
14	2	18	68.9	1855		9.385982	
15	2	6	88.7	1136		10.051824	
16	1	8	88.9			10.895097	
17	2	8	79	1963		11.800193	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	81			0.878911	1
1	3	12	52.2	1573	1968	1.407765	
2	3	8	97.5	1199	1555	2.077427	
3	2	13	91.9	1155		3.302754	
4	3	12	87.2	1127	1245	4.303699	
5	2	19	88.4	1361		5.194654	
6	3	15	92	1557	1702	6.373734	
7	3	16	77	1218	1537	7.720013	
8	3	15	90	1278	1139	8.519018	
9	3	13	89.1	1015	1898	9.899265	
10	1	7	81			10.285993	
11	2	14	79.8	1849		11.177531	

Bin5 Statistics 26

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	8	59.8	1350		0.26663	1
1	2	15	81.9	1738		2.318979	
2	1	7	60.3			3.311792	
3	3	6	73.8	1748	1817	4.599385	
4	3	11	65.8	1437	1281	5.862624	
5	2	7	79.5	1641		7.708439	
6	3	12	50.5	1491	1273	8.673304	
7	1	7	63.8			9.812885	
8	3	13	95.7	1507	1165	11.957199	

Bin5 Statistics 27

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	20	58.2	1743		0.57365	1
1	2	11	77.6	1830		1.2154	
2	1	16	89.1			2.146662	
3	3	16	82.6	1721	1367	2.82875	
4	2	19	65	1289		3.449393	
5	3	15	89.5	1928	1004	4.562612	
6	3	7	73.8	1315	1814	5.194311	
7	2	7	79.1	1404		6.227314	
8	2	16	64.4	1151		7.146858	
9	3	9	76.1	1163	1698	7.276914	
10	1	16	84.8			8.463927	
11	1	19	79.4			9.063317	
12	1	20	79.8			9.767408	
13	2	7	57.8	1925		10.913756	
14	3	10	93.9	1674	1710	11.56345	

Bin5 Statistics 28

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	17	87.4	1029	1345	0.44185	1
1	3	10	70.2	1410	1459	1.913758	
2	1	16	73			2.626907	
3	2	14	50.4	1767		3.223163	
4	2	15	58	1693		4.139062	
5	3	11	88	1814	1975	5.283445	
6	1	15	67.7			6.835765	
7	1	11	54.1			7.123695	
8	2	16	73.8	1418		8.407907	
9	2	11	56.6	1641		9.308509	
10	1	15	52.6			10.877689	
11	2	15	71.6	1996		11.079068	

Bin5 Statistics 29

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	17	81.5	1436		0.695511	
1	2	5	95.7	1595		1.221254	
2	2	17	67.1	1967		1.67418	
3	2	13	99.4	1588		2.298768	
4	2	9	60.5	1923		2.996424	
5	2	13	89.1	1040		4.035168	
6	3	9	86.1	1390	1907	4.851719	
7	2	11	91.9	1750		5.397508	
8	1	6	98.8			6.188063	1
9	2	6	65.6	1442		6.768647	
10	2	18	73.4	1831		7.672732	
11	2	18	84.6	1708		7.873882	
12	3	12	58.8	1446	1476	9.112638	
13	1	11	80.4			9.754202	
14	2	11	93.4	1392		9.962201	
15	2	17	61.2	1381		10.79568	
16	3	5	51.6	1224	1615	11.782436	

Bin5 Statistics 30

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	17	65.8	1829	1893	0.486505	1
1	1	19	60.4			0.922837	
2	3	13	82.6	1848	1547	1.727202	
3	3	18	65.7	1501	1406	2.324563	
4	2	8	67.8	1830		3.05896	
5	1	11	55.4			3.397831	
6	1	10	61.4			4.214825	
7	2	16	71.6	1258		4.933425	
8	1	18	81.6			5.899277	
9	3	19	86.4	1112	1444	6.009903	
10	2	16	87.4	1420		7.187729	
11	1	18	55			7.365346	
12	3	6	68.5	1853	1669	8.229527	
13	2	10	93.4	1705		8.977423	
14	2	10	56.4	1373		9.388473	
15	1	8	52			10.613419	
16	2	7	92.8	1407		11.009177	
17	2	17	52.3	1082		11.393617	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5290	9	1	333	1	5301.0, 5314.0, 5289.0, 5615.0, 5317.0, 5406.0, 5641.0, 5253.0, 5394.0, 5370.0, 5275.0, 5570.0, 5687.0, 5611.0, 5520.0, 5514.0, 5291.0, 5590.0, 5661.0, 5525.0, 5293.0, 5380.0, 5583.0, 5258.0, 5416.0, 5559.0, 5536.0, 5569.0, 5575.0, 5399.0, 5665.0, 5582.0, 5637.0, 5367.0, 5714.0, 5288.0, 5716.0, 5645.0, 5596.0, 5709.0, 5673.0, 5642.0, 5350.0, 5478.0, 5597.0, 5449.0, 5480.0, 5469.0, 5378.0, 5635.0, 5427.0, 5476.0, 5285.0, 5600.0, 5414.0, 5544.0, 5340.0, 5686.0, 5612.0, 5403.0, 5418.0, 5674.0, 5496.0, 5678.0, 5411.0, 5297.0, 5471.0, 5541.0, 5444.0, 5650.0, 5387.0, 5601.0, 5347.0, 5551.0, 5438.0, 5369.0, 5429.0, 5412.0, 5437.0, 5318.0, 5278.0, 5494.0, 5655.0, 5561.0, 5577.0, 5552.0, 5555.0, 5515.0, 5328.0, 5423.0, 5320.0, 5693.0, 5547.0, 5482.0, 5344.0, 5308.0, 5256.0, 5398.0, 5495.0, 5358.0 (number of hits: 18)
2	5290	9	1	333	1	5398.0, 5539.0, 5316.0, 5655.0, 5359.0, 5261.0, 5345.0, 5544.0, 5289.0, 5548.0, 5543.0, 5683.0, 5511.0, 5275.0, 5462.0, 5276.0, 5318.0, 5554.0, 5509.0, 5251.0, 5394.0, 5579.0, 5707.0, 5321.0, 5281.0, 5354.0, 5417.0, 5377.0, 5267.0, 5402.0, 5446.0, 5675.0, 5691.0, 5720.0, 5459.0, 5661.0, 5693.0, 5449.0, 5370.0, 5581.0, 5403.0, 5522.0, 5396.0, 5358.0, 5387.0, 5595.0, 5607.0, 5491.0, 5653.0, 5473.0, 5564.0, 5376.0, 5582.0, 5525.0, 5422.0, 5566.0, 5328.0, 5608.0, 5628.0, 5589.0, 5623.0, 5571.0, 5705.0, 5279.0, 5567.0, 5351.0, 5454.0, 5380.0, 5609.0, 5535.0, 5592.0, 5290.0, 5295.0, 5641.0, 5297.0, 5605.0, 5562.0, 5410.0, 5409.0, 5518.0, 5585.0, 5348.0, 5306.0, 5496.0, 5456.0, 5639.0, 5450.0, 5470.0, 5684.0, 5428.0, 5436.0, 5406.0, 5652.0, 5561.0, 5326.0, 5711.0, 5312.0, 5568.0, 5418.0, 5331.0 (number of hits: 18)
3	5290	9	1	333	1	5409.0, 5613.0, 5574.0, 5486.0, 5652.0, 5499.0, 5590.0, 5449.0, 5677.0, 5550.0, 5604.0, 5434.0, 5397.0, 5707.0, 5426.0, 5379.0, 5619.0, 5357.0, 5623.0, 5332.0, 5539.0, 5400.0, 5641.0, 5460.0, 5413.0, 5313.0, 5706.0, 5592.0, 5481.0, 5637.0, 5467.0, 5276.0, 5374.0, 5270.0, 5675.0, 5594.0, 5572.0, 5446.0, 5389.0, 5561.0, 5307.0, 5649.0, 5368.0, 5295.0, 5717.0, 5457.0, 5507.0, 5527.0, 5524.0, 5302.0, 5279.0, 5568.0, 5526.0, 5606.0, 5282.0, 5351.0, 5318.0, 5658.0, 5679.0, 5304.0,

						5334.0, 5440.0, 5319.0, 5393.0, 5480.0, 5401.0, 5709.0, 5465.0, 5427.0, 5682.0, 5292.0, 5697.0, 5510.0, 5496.0, 5268.0, 5523.0, 5411.0, 5551.0, 5250.0, 5264.0, 5328.0, 5596.0, 5272.0, 5608.0, 5642.0, 5433.0, 5266.0, 5378.0, 5644.0, 5284.0, 5317.0, 5672.0, 5422.0, 5685.0, 5287.0, 5346.0, 5428.0, 5309.0, 5337.0, 5631.0 (number of hits: 22)
4	5290	9	1	333	1	5592.0, 5622.0, 5597.0, 5474.0, 5608.0, 5259.0, 5347.0, 5580.0, 5286.0, 5409.0, 5476.0, 5499.0, 5650.0, 5519.0, 5343.0, 5651.0, 5566.0, 5360.0, 5407.0, 5670.0, 5475.0, 5491.0, 5445.0, 5671.0, 5458.0, 5281.0, 5698.0, 5497.0, 5639.0, 5457.0, 5334.0, 5678.0, 5495.0, 5251.0, 5372.0, 5302.0, 5686.0, 5607.0, 5303.0, 5349.0, 5370.0, 5452.0, 5272.0, 5501.0, 5359.0, 5250.0, 5283.0, 5490.0, 5711.0, 5378.0, 5348.0, 5389.0, 5708.0, 5339.0, 5368.0, 5380.0, 5468.0, 5308.0, 5571.0, 5304.0, 5403.0, 5716.0, 5546.0, 5539.0, 5462.0, 5685.0, 5325.0, 5538.0, 5545.0, 5552.0, 5514.0, 5579.0, 5402.0, 5284.0, 5456.0, 5658.0, 5480.0, 5523.0, 5565.0, 5531.0, 5393.0, 5338.0, 5532.0, 5424.0, 5655.0, 5436.0, 5316.0, 5659.0, 5352.0, 5488.0, 5492.0, 5305.0, 5467.0, 5548.0, 5644.0, 5618.0, 5460.0, 5313.0, 5656.0, 5652.0 (number of hits: 16)
5	5290	9	1	333	1	5272.0, 5280.0, 5293.0, 5668.0, 5415.0, 5710.0, 5526.0, 5578.0, 5417.0, 5300.0, 5698.0, 5569.0, 5570.0, 5695.0, 5583.0, 5618.0, 5402.0, 5352.0, 5511.0, 5277.0, 5368.0, 5620.0, 5330.0, 5554.0, 5450.0, 5666.0, 5532.0, 5377.0, 5575.0, 5600.0, 5712.0, 5567.0, 5555.0, 5308.0, 5399.0, 5642.0, 5404.0, 5720.0, 5433.0, 5505.0, 5407.0, 5273.0, 5468.0, 5539.0, 5405.0, 5258.0, 5357.0, 5284.0, 5449.0, 5391.0, 5307.0, 5674.0, 5658.0, 5435.0, 5492.0, 5592.0, 5351.0, 5298.0, 5587.0, 5517.0, 5416.0, 5610.0, 5400.0, 5398.0, 5626.0, 5487.0, 5536.0, 5288.0, 5443.0, 5504.0, 5645.0, 5254.0, 5572.0, 5275.0, 5647.0, 5444.0, 5343.0, 5547.0, 5328.0, 5292.0, 5350.0, 5499.0, 5586.0, 5291.0, 5339.0, 5278.0, 5458.0, 5686.0, 5596.0, 5628.0, 5276.0, 5397.0, 5697.0, 5711.0, 5571.0, 5495.0, 5715.0, 5472.0, 5551.0, 5605.0 (number of hits: 19)
6	5290	9	1	333	1	5696.0, 5366.0, 5256.0, 5452.0, 5449.0, 5583.0, 5521.0, 5413.0, 5703.0, 5508.0, 5313.0, 5510.0, 5308.0, 5435.0, 5407.0, 5309.0, 5400.0, 5590.0, 5333.0, 5274.0, 5317.0, 5674.0, 5520.0, 5385.0, 5618.0, 5592.0, 5377.0, 5626.0, 5412.0, 5335.0, 5421.0, 5382.0, 5721.0, 5559.0, 5285.0, 5299.0, 5499.0, 5326.0, 5693.0, 5330.0,

						5612.0, 5637.0, 5304.0, 5676.0, 5628.0, 5591.0, 5298.0, 5406.0, 5645.0, 5653.0, 5617.0, 5318.0, 5516.0, 5582.0, 5595.0, 5359.0, 5699.0, 5500.0, 5649.0, 5632.0, 5466.0, 5402.0, 5586.0, 5448.0, 5433.0, 5426.0, 5288.0, 5380.0, 5564.0, 5375.0, 5604.0, 5443.0, 5325.0, 5495.0, 5488.0, 5540.0, 5391.0, 5669.0, 5327.0, 5496.0, 5694.0, 5257.0, 5276.0, 5501.0, 5281.0, 5306.0, 5484.0, 5656.0, 5393.0, 5303.0, 5692.0, 5434.0, 5698.0, 5373.0, 5623.0, 5575.0, 5611.0, 5672.0, 5517.0, 5627.0 (number of hits: 20)
7	5290	9	1	333	1	5467.0, 5446.0, 5398.0, 5597.0, 5417.0, 5590.0, 5253.0, 5292.0, 5494.0, 5617.0, 5654.0, 5458.0, 5370.0, 5527.0, 5620.0, 5564.0, 5266.0, 5319.0, 5674.0, 5486.0, 5692.0, 5259.0, 5286.0, 5455.0, 5479.0, 5392.0, 5296.0, 5549.0, 5660.0, 5568.0, 5485.0, 5548.0, 5350.0, 5464.0, 5483.0, 5450.0, 5436.0, 5562.0, 5507.0, 5404.0, 5513.0, 5345.0, 5645.0, 5491.0, 5269.0, 5283.0, 5608.0, 5301.0, 5435.0, 5557.0, 5437.0, 5300.0, 5596.0, 5694.0, 5318.0, 5250.0, 5611.0, 5424.0, 5410.0, 5704.0, 5506.0, 5312.0, 5390.0, 5490.0, 5432.0, 5461.0, 5329.0, 5665.0, 5533.0, 5288.0, 5477.0, 5609.0, 5348.0, 5627.0, 5525.0, 5600.0, 5407.0, 5644.0, 5311.0, 5406.0, 5705.0, 5646.0, 5359.0, 5408.0, 5614.0, 5324.0, 5594.0, 5703.0, 5555.0, 5531.0, 5697.0, 5643.0, 5510.0, 5310.0, 5451.0, 5688.0, 5599.0, 5414.0, 5556.0, 5411.0 (number of hits: 19)
8	5290	9	1	333	1	5691.0, 5478.0, 5391.0, 5340.0, 5531.0, 5265.0, 5271.0, 5305.0, 5310.0, 5274.0, 5502.0, 5487.0, 5639.0, 5517.0, 5492.0, 5661.0, 5405.0, 5526.0, 5710.0, 5645.0, 5708.0, 5498.0, 5507.0, 5689.0, 5580.0, 5653.0, 5558.0, 5629.0, 5571.0, 5415.0, 5657.0, 5654.0, 5359.0, 5640.0, 5496.0, 5485.0, 5516.0, 5648.0, 5535.0, 5431.0, 5284.0, 5679.0, 5701.0, 5627.0, 5513.0, 5560.0, 5599.0, 5642.0, 5633.0, 5446.0, 5650.0, 5429.0, 5448.0, 5387.0, 5569.0, 5626.0, 5652.0, 5584.0, 5357.0, 5331.0, 5669.0, 5509.0, 5409.0, 5365.0, 5624.0, 5497.0, 5562.0, 5532.0, 5702.0, 5695.0, 5394.0, 5703.0, 5534.0, 5615.0, 5389.0, 5342.0, 5295.0, 5293.0, 5254.0, 5416.0, 5704.0, 5374.0, 5455.0, 5452.0, 5636.0, 5537.0, 5371.0, 5383.0, 5579.0, 5673.0, 5297.0, 5559.0, 5694.0, 5719.0, 5311.0, 5551.0, 5281.0, 5257.0, 5358.0, 5658.0 (number of hits: 13)
9	5290	9	1	333	1	5427.0, 5635.0, 5406.0, 5451.0, 5614.0, 5502.0, 5307.0, 5378.0, 5466.0, 5572.0, 5282.0, 5373.0, 5564.0, 5259.0, 5363.0, 5397.0, 5640.0, 5471.0, 5698.0, 5550.0,

						5526.0, 5533.0, 5355.0, 5531.0, 5269.0, 5719.0, 5613.0, 5556.0, 5309.0, 5258.0, 5265.0, 5470.0, 5684.0, 5573.0, 5359.0, 5457.0, 5554.0, 5702.0, 5436.0, 5644.0, 5390.0, 5383.0, 5458.0, 5667.0, 5515.0, 5273.0, 5420.0, 5461.0, 5633.0, 5402.0, 5696.0, 5279.0, 5408.0, 5659.0, 5653.0, 5618.0, 5481.0, 5277.0, 5629.0, 5478.0, 5293.0, 5338.0, 5512.0, 5426.0, 5505.0, 5295.0, 5460.0, 5617.0, 5477.0, 5305.0, 5303.0, 5289.0, 5672.0, 5523.0, 5316.0, 5400.0, 5298.0, 5563.0, 5281.0, 5404.0, 5302.0, 5724.0, 5619.0, 5430.0, 5422.0, 5508.0, 5650.0, 5329.0, 5561.0, 5375.0, 5638.0, 5272.0, 5711.0, 5622.0, 5647.0, 5575.0, 5599.0, 5609.0, 5603.0, 5480.0 (number of hits: 21)
10	5290	9	1	333	1	5386.0, 5494.0, 5266.0, 5695.0, 5673.0, 5424.0, 5583.0, 5703.0, 5366.0, 5358.0, 5375.0, 5656.0, 5577.0, 5458.0, 5430.0, 5368.0, 5671.0, 5592.0, 5260.0, 5463.0, 5490.0, 5421.0, 5643.0, 5269.0, 5301.0, 5327.0, 5352.0, 5380.0, 5258.0, 5291.0, 5265.0, 5612.0, 5681.0, 5307.0, 5370.0, 5338.0, 5444.0, 5647.0, 5313.0, 5595.0, 5715.0, 5322.0, 5538.0, 5624.0, 5357.0, 5683.0, 5472.0, 5691.0, 5555.0, 5539.0, 5387.0, 5262.0, 5417.0, 5543.0, 5398.0, 5257.0, 5371.0, 5608.0, 5324.0, 5620.0, 5418.0, 5350.0, 5284.0, 5704.0, 5452.0, 5408.0, 5283.0, 5651.0, 5346.0, 5599.0, 5303.0, 5388.0, 5438.0, 5298.0, 5564.0, 5701.0, 5593.0, 5560.0, 5693.0, 5625.0, 5496.0, 5450.0, 5684.0, 5255.0, 5602.0, 5393.0, 5394.0, 5532.0, 5533.0, 5640.0, 5343.0, 5320.0, 5627.0, 5268.0, 5523.0, 5481.0, 5487.0, 5565.0, 5686.0, 5277.0 (number of hits: 22)
11	5290	9	1	333	1	5510.0, 5441.0, 5391.0, 5513.0, 5609.0, 5392.0, 5490.0, 5717.0, 5552.0, 5566.0, 5680.0, 5344.0, 5412.0, 5665.0, 5507.0, 5588.0, 5540.0, 5499.0, 5293.0, 5353.0, 5596.0, 5267.0, 5587.0, 5611.0, 5631.0, 5574.0, 5411.0, 5539.0, 5388.0, 5636.0, 5259.0, 5397.0, 5314.0, 5457.0, 5548.0, 5423.0, 5424.0, 5683.0, 5296.0, 5382.0, 5701.0, 5355.0, 5700.0, 5672.0, 5582.0, 5543.0, 5651.0, 5580.0, 5563.0, 5508.0, 5511.0, 5719.0, 5303.0, 5689.0, 5713.0, 5699.0, 5359.0, 5668.0, 5305.0, 5398.0, 5545.0, 5375.0, 5591.0, 5432.0, 5348.0, 5429.0, 5606.0, 5710.0, 5709.0, 5573.0, 5607.0, 5589.0, 5338.0, 5302.0, 5276.0, 5339.0, 5536.0, 5627.0, 5554.0, 5630.0, 5323.0, 5362.0, 5565.0, 5290.0, 5505.0, 5646.0, 5451.0, 5674.0, 5537.0, 5354.0, 5325.0, 5492.0, 5663.0, 5650.0, 5356.0, 5616.0, 5632.0, 5486.0, 5577.0, 5406.0 (number of hits: 12)

12	5290	9	1	333	1	5279.0, 5368.0, 5250.0, 5377.0, 5389.0, 5680.0, 5712.0, 5692.0, 5661.0, 5463.0, 5687.0, 5493.0, 5418.0, 5681.0, 5275.0, 5510.0, 5639.0, 5626.0, 5410.0, 5451.0, 5665.0, 5345.0, 5404.0, 5445.0, 5326.0, 5278.0, 5429.0, 5677.0, 5535.0, 5334.0, 5607.0, 5313.0, 5619.0, 5678.0, 5289.0, 5694.0, 5599.0, 5531.0, 5357.0, 5559.0, 5622.0, 5273.0, 5476.0, 5629.0, 5700.0, 5427.0, 5670.0, 5590.0, 5659.0, 5653.0, 5256.0, 5321.0, 5634.0, 5587.0, 5437.0, 5527.0, 5539.0, 5644.0, 5507.0, 5698.0, 5534.0, 5436.0, 5381.0, 5471.0, 5447.0, 5343.0, 5367.0, 5667.0, 5568.0, 5330.0, 5516.0, 5316.0, 5430.0, 5601.0, 5672.0, 5267.0, 5649.0, 5415.0, 5710.0, 5627.0, 5600.0, 5388.0, 5544.0, 5365.0, 5409.0, 5361.0, 5414.0, 5524.0, 5426.0, 5703.0, 5506.0, 5689.0, 5277.0, 5541.0, 5372.0, 5397.0, 5508.0, 5666.0, 5591.0, 5632.0 (number of hits: 13)
13	5290	9	1	333	1	5713.0, 5299.0, 5315.0, 5252.0, 5438.0, 5371.0, 5420.0, 5670.0, 5694.0, 5691.0, 5711.0, 5565.0, 5256.0, 5595.0, 5699.0, 5289.0, 5464.0, 5474.0, 5462.0, 5644.0, 5514.0, 5325.0, 5374.0, 5707.0, 5275.0, 5409.0, 5701.0, 5554.0, 5407.0, 5621.0, 5426.0, 5294.0, 5625.0, 5355.0, 5348.0, 5561.0, 5679.0, 5284.0, 5623.0, 5412.0, 5659.0, 5393.0, 5358.0, 5527.0, 5663.0, 5318.0, 5606.0, 5399.0, 5558.0, 5654.0, 5479.0, 5483.0, 5353.0, 5538.0, 5709.0, 5549.0, 5493.0, 5266.0, 5683.0, 5522.0, 5681.0, 5401.0, 5433.0, 5257.0, 5281.0, 5404.0, 5346.0, 5521.0, 5499.0, 5573.0, 5718.0, 5684.0, 5413.0, 5618.0, 5428.0, 5594.0, 5580.0, 5517.0, 5386.0, 5456.0, 5265.0, 5259.0, 5366.0, 5529.0, 5268.0, 5544.0, 5531.0, 5410.0, 5385.0, 5597.0, 5344.0, 5453.0, 5630.0, 5672.0, 5710.0, 5571.0, 5441.0, 5543.0, 5267.0, 5303.0 (number of hits: 18)
14	5290	9	1	333	1	5649.0, 5372.0, 5456.0, 5539.0, 5686.0, 5305.0, 5699.0, 5252.0, 5373.0, 5329.0, 5589.0, 5256.0, 5270.0, 5496.0, 5364.0, 5605.0, 5323.0, 5666.0, 5595.0, 5268.0, 5355.0, 5677.0, 5631.0, 5561.0, 5390.0, 5398.0, 5575.0, 5606.0, 5639.0, 5346.0, 5325.0, 5461.0, 5714.0, 5724.0, 5288.0, 5273.0, 5525.0, 5676.0, 5663.0, 5718.0, 5258.0, 5334.0, 5347.0, 5384.0, 5287.0, 5468.0, 5436.0, 5585.0, 5557.0, 5489.0, 5529.0, 5512.0, 5593.0, 5491.0, 5548.0, 5473.0, 5642.0, 5596.0, 5598.0, 5314.0, 5425.0, 5342.0, 5527.0, 5486.0, 5658.0, 5352.0, 5495.0, 5392.0, 5363.0, 5434.0, 5344.0, 5502.0, 5568.0, 5328.0, 5531.0, 5304.0, 5507.0, 5261.0, 5692.0, 5426.0, 5445.0, 5380.0, 5648.0, 5274.0, 5715.0,

						5501.0, 5551.0, 5321.0, 5719.0, 5516.0, 5478.0, 5607.0, 5647.0, 5333.0, 5271.0, 5324.0, 5438.0, 5628.0, 5470.0, 5549.0 (number of hits: 20)
15	5290	9	1	333	1	5279.0, 5587.0, 5397.0, 5666.0, 5683.0, 5571.0, 5369.0, 5317.0, 5464.0, 5253.0, 5594.0, 5357.0, 5562.0, 5507.0, 5289.0, 5631.0, 5308.0, 5326.0, 5686.0, 5646.0, 5327.0, 5723.0, 5485.0, 5373.0, 5535.0, 5703.0, 5560.0, 5654.0, 5307.0, 5339.0, 5406.0, 5680.0, 5386.0, 5349.0, 5319.0, 5458.0, 5669.0, 5700.0, 5627.0, 5722.0, 5505.0, 5497.0, 5565.0, 5393.0, 5262.0, 5603.0, 5282.0, 5538.0, 5486.0, 5490.0, 5335.0, 5524.0, 5546.0, 5481.0, 5615.0, 5469.0, 5382.0, 5478.0, 5263.0, 5620.0, 5392.0, 5545.0, 5536.0, 5463.0, 5641.0, 5677.0, 5462.0, 5564.0, 5271.0, 5500.0, 5305.0, 5274.0, 5652.0, 5431.0, 5372.0, 5456.0, 5350.0, 5661.0, 5637.0, 5261.0, 5513.0, 5297.0, 5537.0, 5601.0, 5370.0, 5293.0, 5422.0, 5522.0, 5717.0, 5436.0, 5474.0, 5704.0, 5269.0, 5416.0, 5663.0, 5718.0, 5359.0, 5501.0, 5606.0, 5585.0 (number of hits: 19)
16	5290	9	1	333	1	5366.0, 5463.0, 5544.0, 5381.0, 5428.0, 5445.0, 5605.0, 5308.0, 5513.0, 5357.0, 5523.0, 5602.0, 5547.0, 5385.0, 5586.0, 5569.0, 5678.0, 5473.0, 5251.0, 5410.0, 5681.0, 5631.0, 5497.0, 5478.0, 5386.0, 5539.0, 5340.0, 5568.0, 5401.0, 5376.0, 5258.0, 5608.0, 5447.0, 5372.0, 5598.0, 5692.0, 5369.0, 5391.0, 5594.0, 5537.0, 5557.0, 5466.0, 5652.0, 5252.0, 5682.0, 5642.0, 5396.0, 5657.0, 5335.0, 5650.0, 5317.0, 5705.0, 5661.0, 5626.0, 5695.0, 5579.0, 5432.0, 5358.0, 5431.0, 5316.0, 5289.0, 5321.0, 5508.0, 5438.0, 5355.0, 5654.0, 5475.0, 5257.0, 5435.0, 5279.0, 5708.0, 5704.0, 5405.0, 5389.0, 5323.0, 5558.0, 5293.0, 5563.0, 5491.0, 5696.0, 5286.0, 5591.0, 5499.0, 5595.0, 5436.0, 5699.0, 5527.0, 5287.0, 5694.0, 5525.0, 5519.0, 5560.0, 5641.0, 5562.0, 5686.0, 5402.0, 5260.0, 5299.0, 5545.0, 5701.0 (number of hits: 16)
17	5290	9	1	333	1	5505.0, 5514.0, 5552.0, 5683.0, 5386.0, 5278.0, 5529.0, 5546.0, 5542.0, 5338.0, 5492.0, 5455.0, 5380.0, 5392.0, 5620.0, 5460.0, 5506.0, 5325.0, 5578.0, 5555.0, 5395.0, 5624.0, 5343.0, 5288.0, 5437.0, 5509.0, 5307.0, 5650.0, 5629.0, 5283.0, 5354.0, 5328.0, 5427.0, 5273.0, 5425.0, 5490.0, 5707.0, 5693.0, 5442.0, 5404.0, 5257.0, 5608.0, 5390.0, 5363.0, 5472.0, 5388.0, 5421.0, 5379.0, 5712.0, 5526.0, 5272.0, 5706.0, 5256.0, 5549.0, 5304.0, 5428.0, 5285.0, 5260.0, 5426.0, 5565.0, 5576.0, 5710.0, 5595.0, 5469.0, 5678.0,

						5347.0, 5575.0, 5640.0, 5588.0, 5464.0, 5251.0, 5636.0, 5579.0, 5385.0, 5580.0, 5453.0, 5334.0, 5566.0, 5495.0, 5622.0, 5353.0, 5582.0, 5299.0, 5568.0, 5551.0, 5669.0, 5512.0, 5479.0, 5266.0, 5276.0, 5429.0, 5314.0, 5302.0, 5644.0, 5436.0, 5533.0, 5487.0, 5654.0, 5628.0, 5431.0 (number of hits: 19)
18	5290	9	1	333	1	5391.0, 5601.0, 5633.0, 5618.0, 5669.0, 5419.0, 5628.0, 5352.0, 5559.0, 5558.0, 5489.0, 5408.0, 5324.0, 5647.0, 5673.0, 5360.0, 5560.0, 5425.0, 5253.0, 5418.0, 5652.0, 5262.0, 5603.0, 5690.0, 5332.0, 5440.0, 5416.0, 5422.0, 5269.0, 5420.0, 5303.0, 5659.0, 5270.0, 5426.0, 5313.0, 5616.0, 5592.0, 5591.0, 5572.0, 5400.0, 5689.0, 5463.0, 5458.0, 5316.0, 5510.0, 5457.0, 5342.0, 5323.0, 5478.0, 5531.0, 5395.0, 5648.0, 5643.0, 5358.0, 5367.0, 5596.0, 5281.0, 5717.0, 5635.0, 5365.0, 5608.0, 5566.0, 5481.0, 5555.0, 5292.0, 5691.0, 5553.0, 5259.0, 5548.0, 5312.0, 5530.0, 5348.0, 5445.0, 5337.0, 5676.0, 5336.0, 5651.0, 5675.0, 5709.0, 5427.0, 5307.0, 5495.0, 5474.0, 5294.0, 5696.0, 5421.0, 5550.0, 5538.0, 5407.0, 5467.0, 5605.0, 5714.0, 5314.0, 5397.0, 5684.0, 5683.0, 5296.0, 5508.0, 5299.0, 5433.0 (number of hits: 18)
19	5290	9	1	333	1	5597.0, 5438.0, 5645.0, 5580.0, 5470.0, 5347.0, 5684.0, 5345.0, 5613.0, 5265.0, 5710.0, 5612.0, 5617.0, 5665.0, 5667.0, 5282.0, 5514.0, 5599.0, 5371.0, 5540.0, 5720.0, 5582.0, 5504.0, 5413.0, 5352.0, 5454.0, 5350.0, 5722.0, 5434.0, 5463.0, 5576.0, 5708.0, 5687.0, 5534.0, 5288.0, 5698.0, 5297.0, 5388.0, 5384.0, 5365.0, 5527.0, 5314.0, 5383.0, 5517.0, 5574.0, 5524.0, 5560.0, 5389.0, 5401.0, 5682.0, 5291.0, 5496.0, 5664.0, 5420.0, 5706.0, 5513.0, 5571.0, 5512.0, 5361.0, 5436.0, 5508.0, 5405.0, 5305.0, 5475.0, 5685.0, 5252.0, 5701.0, 5349.0, 5611.0, 5629.0, 5476.0, 5367.0, 5271.0, 5543.0, 5492.0, 5718.0, 5433.0, 5644.0, 5464.0, 5702.0, 5340.0, 5318.0, 5622.0, 5258.0, 5269.0, 5553.0, 5460.0, 5510.0, 5598.0, 5294.0, 5636.0, 5694.0, 5565.0, 5332.0, 5424.0, 5330.0, 5683.0, 5316.0, 5541.0, 5304.0 (number of hits: 15)
20	5290	9	1	333	1	5364.0, 5344.0, 5615.0, 5291.0, 5508.0, 5556.0, 5629.0, 5570.0, 5420.0, 5516.0, 5441.0, 5396.0, 5560.0, 5329.0, 5697.0, 5528.0, 5495.0, 5637.0, 5669.0, 5381.0, 5724.0, 5677.0, 5487.0, 5360.0, 5469.0, 5661.0, 5505.0, 5478.0, 5314.0, 5295.0, 5598.0, 5318.0, 5527.0, 5274.0, 5708.0, 5319.0, 5273.0, 5590.0, 5414.0, 5359.0, 5690.0, 5705.0, 5498.0, 5714.0, 5391.0,

						5279.0, 5699.0, 5586.0, 5427.0, 5591.0, 5336.0, 5309.0, 5554.0, 5390.0, 5522.0, 5341.0, 5579.0, 5574.0, 5645.0, 5532.0, 5370.0, 5710.0, 5377.0, 5410.0, 5270.0, 5403.0, 5293.0, 5386.0, 5365.0, 5633.0, 5373.0, 5620.0, 5497.0, 5609.0, 5721.0, 5452.0, 5294.0, 5713.0, 5569.0, 5462.0, 5722.0, 5380.0, 5310.0, 5301.0, 5548.0, 5539.0, 5679.0, 5362.0, 5616.0, 5621.0, 5562.0, 5648.0, 5434.0, 5412.0, 5383.0, 5534.0, 5405.0, 5450.0, 5630.0, 5261.0 (number of hits: 16)
21	5290	9	1	333	1	5285.0, 5422.0, 5348.0, 5596.0, 5382.0, 5659.0, 5447.0, 5665.0, 5621.0, 5526.0, 5443.0, 5504.0, 5390.0, 5509.0, 5558.0, 5448.0, 5639.0, 5342.0, 5588.0, 5459.0, 5338.0, 5568.0, 5374.0, 5289.0, 5288.0, 5519.0, 5695.0, 5370.0, 5674.0, 5635.0, 5671.0, 5302.0, 5385.0, 5490.0, 5537.0, 5295.0, 5425.0, 5510.0, 5303.0, 5517.0, 5547.0, 5441.0, 5579.0, 5408.0, 5349.0, 5455.0, 5272.0, 5535.0, 5553.0, 5692.0, 5250.0, 5276.0, 5284.0, 5590.0, 5567.0, 5616.0, 5580.0, 5643.0, 5632.0, 5468.0, 5549.0, 5627.0, 5314.0, 5336.0, 5606.0, 5696.0, 5487.0, 5410.0, 5551.0, 5672.0, 5619.0, 5720.0, 5529.0, 5667.0, 5298.0, 5538.0, 5471.0, 5527.0, 5583.0, 5363.0, 5633.0, 5645.0, 5290.0, 5381.0, 5598.0, 5628.0, 5399.0, 5266.0, 5640.0, 5344.0, 5544.0, 5332.0, 5394.0, 5503.0, 5306.0, 5613.0, 5532.0, 5354.0, 5318.0, 5534.0 (number of hits: 16)
22	5290	9	1	333	1	5597.0, 5590.0, 5624.0, 5560.0, 5302.0, 5307.0, 5643.0, 5480.0, 5341.0, 5679.0, 5363.0, 5370.0, 5684.0, 5629.0, 5258.0, 5603.0, 5491.0, 5455.0, 5286.0, 5627.0, 5374.0, 5529.0, 5667.0, 5631.0, 5387.0, 5548.0, 5563.0, 5333.0, 5323.0, 5294.0, 5492.0, 5318.0, 5538.0, 5384.0, 5474.0, 5420.0, 5364.0, 5519.0, 5592.0, 5403.0, 5673.0, 5494.0, 5331.0, 5677.0, 5672.0, 5721.0, 5616.0, 5633.0, 5526.0, 5471.0, 5620.0, 5477.0, 5599.0, 5274.0, 5610.0, 5449.0, 5373.0, 5561.0, 5470.0, 5369.0, 5565.0, 5707.0, 5606.0, 5344.0, 5636.0, 5381.0, 5713.0, 5276.0, 5582.0, 5619.0, 5635.0, 5454.0, 5413.0, 5422.0, 5541.0, 5251.0, 5518.0, 5645.0, 5625.0, 5432.0, 5564.0, 5545.0, 5325.0, 5670.0, 5698.0, 5669.0, 5377.0, 5524.0, 5305.0, 5447.0, 5536.0, 5378.0, 5445.0, 5699.0, 5275.0, 5521.0, 5427.0, 5552.0, 5338.0, 5308.0 (number of hits: 14)
23	5290	9	1	333	1	5524.0, 5428.0, 5531.0, 5720.0, 5473.0, 5411.0, 5578.0, 5632.0, 5437.0, 5423.0, 5556.0, 5647.0, 5388.0, 5303.0, 5379.0, 5714.0, 5616.0, 5645.0, 5489.0, 5353.0, 5472.0, 5416.0, 5278.0, 5614.0, 5347.0,

						5390.0, 5438.0, 5280.0, 5338.0, 5396.0, 5497.0, 5608.0, 5432.0, 5329.0, 5381.0, 5434.0, 5372.0, 5483.0, 5480.0, 5389.0, 5641.0, 5651.0, 5374.0, 5470.0, 5433.0, 5677.0, 5415.0, 5458.0, 5370.0, 5462.0, 5537.0, 5327.0, 5274.0, 5360.0, 5611.0, 5621.0, 5623.0, 5492.0, 5658.0, 5627.0, 5314.0, 5491.0, 5683.0, 5588.0, 5610.0, 5326.0, 5419.0, 5279.0, 5486.0, 5476.0, 5429.0, 5706.0, 5590.0, 5532.0, 5336.0, 5653.0, 5530.0, 5569.0, 5712.0, 5560.0, 5467.0, 5378.0, 5252.0, 5619.0, 5522.0, 5568.0, 5289.0, 5406.0, 5356.0, 5657.0, 5624.0, 5349.0, 5514.0, 5650.0, 5397.0, 5345.0, 5259.0, 5461.0, 5455.0, 5681.0 (number of hits: 12)
24	5290	9	1	333	1	5486.0, 5567.0, 5370.0, 5432.0, 5253.0, 5403.0, 5301.0, 5663.0, 5424.0, 5628.0, 5661.0, 5707.0, 5574.0, 5382.0, 5656.0, 5377.0, 5515.0, 5535.0, 5558.0, 5463.0, 5340.0, 5613.0, 5273.0, 5689.0, 5716.0, 5313.0, 5709.0, 5430.0, 5433.0, 5414.0, 5631.0, 5315.0, 5534.0, 5512.0, 5257.0, 5310.0, 5259.0, 5483.0, 5287.0, 5706.0, 5699.0, 5271.0, 5589.0, 5714.0, 5447.0, 5444.0, 5548.0, 5460.0, 5363.0, 5527.0, 5697.0, 5356.0, 5454.0, 5394.0, 5681.0, 5506.0, 5289.0, 5623.0, 5482.0, 5347.0, 5511.0, 5710.0, 5553.0, 5599.0, 5637.0, 5286.0, 5279.0, 5516.0, 5371.0, 5436.0, 5677.0, 5650.0, 5450.0, 5592.0, 5551.0, 5380.0, 5285.0, 5307.0, 5284.0, 5323.0, 5409.0, 5615.0, 5407.0, 5693.0, 5570.0, 5517.0, 5306.0, 5338.0, 5270.0, 5564.0, 5571.0, 5612.0, 5530.0, 5581.0, 5335.0, 5393.0, 5651.0, 5523.0, 5621.0, 5496.0 (number of hits: 19)
25	5290	9	1	333	1	5270.0, 5694.0, 5559.0, 5652.0, 5523.0, 5412.0, 5702.0, 5436.0, 5254.0, 5705.0, 5554.0, 5623.0, 5535.0, 5258.0, 5594.0, 5453.0, 5631.0, 5696.0, 5654.0, 5291.0, 5376.0, 5525.0, 5315.0, 5500.0, 5716.0, 5691.0, 5284.0, 5530.0, 5481.0, 5647.0, 5662.0, 5615.0, 5391.0, 5477.0, 5380.0, 5382.0, 5319.0, 5522.0, 5639.0, 5509.0, 5670.0, 5407.0, 5381.0, 5534.0, 5325.0, 5484.0, 5480.0, 5527.0, 5413.0, 5609.0, 5432.0, 5455.0, 5461.0, 5581.0, 5579.0, 5402.0, 5515.0, 5595.0, 5263.0, 5340.0, 5395.0, 5361.0, 5323.0, 5268.0, 5324.0, 5547.0, 5601.0, 5430.0, 5299.0, 5544.0, 5501.0, 5505.0, 5288.0, 5681.0, 5672.0, 5410.0, 5374.0, 5277.0, 5343.0, 5419.0, 5443.0, 5427.0, 5293.0, 5543.0, 5713.0, 5464.0, 5663.0, 5667.0, 5587.0, 5256.0, 5434.0, 5294.0, 5707.0, 5540.0, 5580.0, 5329.0, 5582.0, 5551.0, 5638.0, 5621.0 (number of hits: 19)
26	5290	9	1	333	1	5401.0, 5347.0, 5316.0, 5551.0, 5458.0,

						5623.0, 5578.0, 5590.0, 5256.0, 5270.0, 5297.0, 5633.0, 5712.0, 5258.0, 5305.0, 5632.0, 5273.0, 5597.0, 5287.0, 5377.0, 5637.0, 5573.0, 5652.0, 5298.0, 5631.0, 5295.0, 5473.0, 5400.0, 5530.0, 5612.0, 5579.0, 5394.0, 5594.0, 5548.0, 5463.0, 5285.0, 5476.0, 5338.0, 5288.0, 5620.0, 5271.0, 5704.0, 5303.0, 5422.0, 5483.0, 5328.0, 5494.0, 5693.0, 5555.0, 5567.0, 5364.0, 5299.0, 5446.0, 5700.0, 5421.0, 5366.0, 5340.0, 5628.0, 5419.0, 5689.0, 5389.0, 5536.0, 5465.0, 5495.0, 5386.0, 5363.0, 5448.0, 5681.0, 5445.0, 5641.0, 5570.0, 5472.0, 5444.0, 5675.0, 5381.0, 5554.0, 5661.0, 5477.0, 5630.0, 5568.0, 5403.0, 5535.0, 5342.0, 5532.0, 5514.0, 5420.0, 5513.0, 5569.0, 5691.0, 5276.0, 5587.0, 5425.0, 5701.0, 5339.0, 5613.0, 5550.0, 5348.0, 5625.0, 5385.0, 5560.0 (number of hits: 17)
27	5290	9	1	333	1	5326.0, 5267.0, 5307.0, 5476.0, 5432.0, 5486.0, 5426.0, 5410.0, 5252.0, 5287.0, 5610.0, 5587.0, 5394.0, 5552.0, 5260.0, 5679.0, 5453.0, 5538.0, 5339.0, 5695.0, 5640.0, 5542.0, 5588.0, 5707.0, 5678.0, 5677.0, 5374.0, 5451.0, 5331.0, 5701.0, 5348.0, 5359.0, 5399.0, 5325.0, 5445.0, 5569.0, 5470.0, 5652.0, 5371.0, 5357.0, 5278.0, 5566.0, 5305.0, 5434.0, 5666.0, 5444.0, 5373.0, 5324.0, 5501.0, 5412.0, 5370.0, 5382.0, 5649.0, 5490.0, 5351.0, 5521.0, 5644.0, 5491.0, 5274.0, 5404.0, 5313.0, 5621.0, 5580.0, 5431.0, 5683.0, 5571.0, 5483.0, 5508.0, 5616.0, 5528.0, 5362.0, 5628.0, 5681.0, 5256.0, 5691.0, 5367.0, 5694.0, 5416.0, 5676.0, 5562.0, 5329.0, 5656.0, 5673.0, 5333.0, 5539.0, 5565.0, 5544.0, 5606.0, 5534.0, 5369.0, 5466.0, 5270.0, 5613.0, 5447.0, 5454.0, 5276.0, 5467.0, 5336.0, 5254.0, 5502.0 (number of hits: 17)
28	5290	9	1	333	1	5715.0, 5447.0, 5378.0, 5289.0, 5479.0, 5645.0, 5323.0, 5501.0, 5593.0, 5365.0, 5648.0, 5421.0, 5512.0, 5376.0, 5708.0, 5654.0, 5362.0, 5504.0, 5490.0, 5503.0, 5721.0, 5667.0, 5250.0, 5356.0, 5700.0, 5701.0, 5606.0, 5511.0, 5613.0, 5577.0, 5448.0, 5594.0, 5433.0, 5321.0, 5445.0, 5348.0, 5466.0, 5332.0, 5263.0, 5519.0, 5402.0, 5478.0, 5474.0, 5352.0, 5442.0, 5588.0, 5514.0, 5444.0, 5530.0, 5262.0, 5620.0, 5685.0, 5549.0, 5424.0, 5391.0, 5556.0, 5508.0, 5386.0, 5695.0, 5544.0, 5684.0, 5363.0, 5724.0, 5566.0, 5273.0, 5318.0, 5486.0, 5382.0, 5327.0, 5678.0, 5626.0, 5622.0, 5690.0, 5320.0, 5314.0, 5463.0, 5483.0, 5469.0, 5457.0, 5637.0, 5415.0, 5555.0, 5285.0, 5405.0, 5608.0, 5493.0, 5531.0, 5601.0, 5379.0, 5438.0,

						5298.0, 5422.0, 5449.0, 5624.0, 5459.0, 5333.0, 5497.0, 5551.0, 5259.0, 5366.0 (number of hits: 14)
29	5290	9	1	333	1	5570.0, 5378.0, 5456.0, 5481.0, 5411.0, 5628.0, 5346.0, 5548.0, 5565.0, 5519.0, 5262.0, 5602.0, 5544.0, 5497.0, 5365.0, 5492.0, 5498.0, 5356.0, 5546.0, 5615.0, 5486.0, 5525.0, 5469.0, 5446.0, 5672.0, 5662.0, 5473.0, 5345.0, 5254.0, 5689.0, 5280.0, 5601.0, 5290.0, 5283.0, 5252.0, 5541.0, 5406.0, 5505.0, 5369.0, 5388.0, 5263.0, 5467.0, 5441.0, 5493.0, 5666.0, 5312.0, 5375.0, 5293.0, 5328.0, 5347.0, 5366.0, 5723.0, 5383.0, 5423.0, 5401.0, 5319.0, 5531.0, 5522.0, 5399.0, 5480.0, 5266.0, 5451.0, 5264.0, 5330.0, 5267.0, 5675.0, 5335.0, 5667.0, 5668.0, 5331.0, 5559.0, 5436.0, 5419.0, 5317.0, 5598.0, 5370.0, 5532.0, 5295.0, 5643.0, 5557.0, 5306.0, 5511.0, 5549.0, 5636.0, 5464.0, 5291.0, 5298.0, 5320.0, 5257.0, 5362.0, 5653.0, 5357.0, 5550.0, 5509.0, 5681.0, 5405.0, 5542.0, 5430.0, 5719.0, 5603.0 (number of hits: 21)
1	5290	9	1	333	1	5301.0, 5314.0, 5289.0, 5615.0, 5317.0, 5406.0, 5641.0, 5253.0, 5394.0, 5370.0, 5275.0, 5570.0, 5687.0, 5611.0, 5520.0, 5514.0, 5291.0, 5590.0, 5661.0, 5525.0, 5293.0, 5380.0, 5583.0, 5258.0, 5416.0, 5559.0, 5536.0, 5569.0, 5575.0, 5399.0, 5665.0, 5582.0, 5637.0, 5367.0, 5714.0, 5288.0, 5716.0, 5645.0, 5596.0, 5709.0, 5673.0, 5642.0, 5350.0, 5478.0, 5597.0, 5449.0, 5480.0, 5469.0, 5378.0, 5635.0, 5427.0, 5476.0, 5285.0, 5600.0, 5414.0, 5544.0, 5340.0, 5686.0, 5612.0, 5403.0, 5418.0, 5674.0, 5496.0, 5678.0, 5411.0, 5297.0, 5471.0, 5541.0, 5444.0, 5650.0, 5387.0, 5601.0, 5347.0, 5551.0, 5438.0, 5369.0, 5429.0, 5412.0, 5437.0, 5318.0, 5278.0, 5494.0, 5655.0, 5561.0, 5577.0, 5552.0, 5555.0, 5515.0, 5328.0, 5423.0, 5320.0, 5693.0, 5547.0, 5482.0, 5344.0, 5308.0, 5256.0, 5398.0, 5495.0, 5358.0 (number of hits: 18)

5530 MHz, 80 MHz Bandwidth

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

Please refer to the following statistical tables:

Table-1 Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5530	78	1	678	1
2	5530	68	1	778	1
3	5530	83	1	638	1
4	5530	72	1	738	1
5	5530	99	1	538	1
6	5530	86	1	618	1
7	5530	70	1	758	1
8	5530	63	1	838	1
9	5530	58	1	918	1
10	5530	74	1	718	1
11	5530	62	1	858	1
12	5530	76	1	698	1
13	5530	81	1	658	1
14	5530	102	1	518	1
15	5530	57	1	938	1
16	5530	41	1	1308	1
17	5530	33	1	1630	1
18	5530	28	1	1896	1
19	5530	31	1	1716	1
20	5530	20	1	2663	1
21	5530	69	1	775	1
22	5530	41	1	1317	1
23	5530	64	1	825	1
24	5530	74	1	715	1
25	5530	25	1	2139	1
26	5530	24	1	2231	1
27	5530	23	1	2384	1
28	5530	91	1	581	1
29	5530	61	1	874	1
30	5530	25	1	2145	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5530	24	2	152	1
2	5530	29	4.3	218	1
3	5530	25	2.1	210	1
4	5530	26	1.5	199	1
5	5530	25	4.2	210	1
6	5530	24	4	177	1
7	5530	24	2	181	1
8	5530	26	2.7	171	1
9	5530	29	2	230	1
10	5530	29	1.7	186	1
11	5530	25	1.6	196	1
12	5530	23	4	171	1
13	5530	29	3.1	193	1
14	5530	27	2.7	185	1
15	5530	29	4	203	1
16	5530	23	2	174	1
17	5530	26	4.3	151	1
18	5530	28	2	165	1
19	5530	26	4.2	167	1
20	5530	27	1.3	152	1
21	5530	24	1.6	182	1
22	5530	28	1.7	156	1
23	5530	24	4.6	202	1
24	5530	23	3.8	182	1
25	5530	26	2.7	223	1
26	5530	29	2.2	152	1
27	5530	23	2.9	196	1
28	5530	28	1.8	185	1
29	5530	26	4.1	159	1
30	5530	29	4.7	161	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5530	17	9.6	430	1
2	5530	16	8.8	413	1
3	5530	17	6.7	209	1
4	5530	18	8.5	263	1
5	5530	18	7	465	1
6	5530	16	7	432	1
7	5530	18	8.5	344	1
8	5530	18	7.5	408	1
9	5530	18	7.7	346	1
10	5530	18	8.6	239	1
11	5530	16	8.1	377	1
12	5530	16	7.9	232	1
13	5530	18	6.5	334	1
14	5530	17	6.8	203	1
15	5530	17	6.1	301	1
16	5530	18	7.3	404	1
17	5530	18	9.3	436	1
18	5530	17	6.1	345	1
19	5530	16	8.1	238	1
20	5530	16	10	381	1
21	5530	18	6.9	418	1
22	5530	18	9.1	385	1
23	5530	16	7.3	475	1
24	5530	18	7.4	322	1
25	5530	17	8.3	262	1
26	5530	18	7.5	484	1
27	5530	17	7	315	1
28	5530	18	8.3	383	1
29	5530	18	9.6	332	1
30	5530	16	8.8	276	1
Detection Percentage: 100 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5530	15	17.7	451	1
2	5530	12	11.5	442	1
3	5530	14	11.6	201	1
4	5530	16	15.7	442	1
5	5530	15	14.4	242	1
6	5530	13	11.2	291	1
7	5530	12	18	430	1
8	5530	16	14.3	274	1
9	5530	15	14.1	385	1
10	5530	13	16.2	317	1
11	5530	12	14	393	1
12	5530	13	14.9	285	1
13	5530	13	11.1	421	1
14	5530	15	15.3	287	1
15	5530	15	18.2	356	1
16	5530	13	13.3	373	1
17	5530	16	12	265	1
18	5530	16	12.5	484	1
19	5530	12	18.5	448	1
20	5530	12	17.8	439	1
21	5530	15	16.2	355	1
22	5530	14	16.3	222	1
23	5530	13	16.3	341	1
24	5530	16	12.8	437	1
25	5530	16	13.7	455	1
26	5530	13	15.2	226	1
27	5530	12	13.4	373	1
28	5530	15	15.9	381	1
29	5530	13	15.3	430	1
30	5530	16	19.9	394	1
Detection Percentage: 100 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	64.9			0.96052	1
1	2	12	53.4	1990		2.102498	
2	3	18	69.7	1710	1638	3.828405	
3	3	7	83.2	1998	1003	4.864221	
4	3	6	86.8	1563	1925	6.067049	
5	2	17	61.2	1796		6.682167	
6	3	13	80.3	1216	1566	8.626345	
7	2	17	51.9	1630		9.575942	
8	2	11	89.6	1703		11.439296	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	5	96.3			0.515304	1
1	2	18	60.7	1126		0.657193	
2	3	19	86.5	1194	1761	1.29274	
3	2	10	81.4	1976		1.979899	
4	3	19	80.6	1695	1200	2.514148	
5	1	18	84.3			3.462132	
6	1	18	77.9			4.17408	
7	2	10	79.9	1320		4.593556	
8	3	19	89.1	1749	1925	4.83711	
9	1	13	84.4			5.779451	
10	2	13	53.9	1292		6.003702	
11	2	14	55.4	1258		7.191477	
12	1	9	64.2			7.361187	
13	3	13	56.2	1738	1655	8.162711	
14	2	19	96.6	1373		8.68751	
15	2	9	83.9	1652		9.202523	
16	3	19	80.5	1825	1779	10.011424	
17	3	13	92.6	1864	1716	10.591047	
18	2	6	58.6	1451		10.980389	
19	2	14	83.3	1514		11.665901	

Bin5 Statistics 3

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	8	59.6	1747		0.035977	1
1	3	14	84.9	1834	1419	0.633837	
2	2	6	82.1	1662		1.721493	
3	2	18	65.2	1467		2.348207	
4	2	9	99.6	1373		2.607857	
5	1	15	55.1			3.711518	
6	1	17	58.2			3.9155	
7	2	12	61	1699		4.761738	
8	2	8	67.8	1331		5.555358	
9	3	10	76.2	1098	1976	6.005178	
10	2	15	87	1380		6.401013	
11	2	16	79.5	1305		7.378013	
12	3	16	50.5	1070	1750	7.938132	
13	1	16	79			8.210943	
14	1	13	65.6			9.013685	
15	2	10	59.2	1610		9.71003	
16	1	8	89.9			10.140588	
17	2	18	76.4	1305		10.824356	

Bin5 Statistics 4

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	93.6	1539		0.415411	1
1	3	13	93.7	1820	1615	0.97314	
2	2	10	80.8	1145		1.953571	
3	2	12	92.3	1822		2.936143	
4	2	19	86.4	1295		3.506861	
5	2	8	74.5	1400		4.888068	
6	2	12	97.9	1332		5.735668	
7	3	15	87.2	1740	1191	6.55879	
8	1	12	54.8			6.912576	
9	1	6	54.5			7.857823	
10	1	11	65.9			9.082186	
11	2	14	53.1	1213		10.145188	
12	2	15	64.4	1176		10.634489	
13	1	6	89.5			11.347035	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	97.4			0.377878	1
1	3	19	75.4	1400	1225	0.967944	
2	3	8	70.1	1394	1478	2.186205	
3	2	10	86.4	1804		2.89983	
4	2	15	61.4	1125		3.164926	
5	3	12	70	1636	1177	4.075503	
6	2	9	51.3	1661		5.105397	
7	2	14	72	1168		5.464985	
8	1	14	71.3			6.307819	
9	2	20	64.6	1308		7.408203	
10	1	9	64.2			8.190203	
11	2	11	55.7	1315		8.368911	
12	2	19	52.3	1459		9.433598	
13	2	16	58.4	1377		9.932406	
14	3	11	62.4	1542	1153	10.806585	
15	1	5	82.3			11.683659	

Bin5 Statistics 6

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	65.9	1917	1703	0.186799	1
1	1	20	76.7			1.579053	
2	2	15	79.5	1782		2.05776	
3	2	20	98.7	1597		2.826051	
4	2	17	66.2	1286		4.046013	
5	2	7	91.5	1919		4.386399	
6	3	12	62.4	1811	1230	5.183638	
7	3	7	95.8	1943	1716	6.048239	
8	3	11	57.4	1533	1971	7.569472	
9	3	6	61.1	1774	1227	8.561522	
10	2	16	86.3	1831		9.011753	
11	3	11	85.2	1755	1742	9.640579	
12	2	7	63.1	1363		10.389418	
13	1	6	57.1			11.43595	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	94.4			0.656088	
1	1	7	58.2			1.261527	
2	2	6	58.1	1390		1.970198	
3	2	7	59.2	1906		3.629953	
4	2	9	66.4	1378		3.961171	
5	2	15	71.3	1738		5.426759	
6	2	13	70.9	1755		5.826338	1
7	3	6	63.4	1172	1945	6.756722	
8	1	16	63.4			8.258063	
9	1	19	91			8.814178	
10	1	5	74.9			9.321619	
11	2	9	83.3	1330		10.651984	
12	2	6	66.1	1862		11.547583	

Bin5 Statistics 8

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	19	92.2	1193		0.220172	
1	2	18	52.6	1329		1.623758	
2	1	12	82.3			1.935264	
3	3	19	98.9	1598	1785	3.251549	
4	2	12	68.7	1793		4.376257	
5	2	6	94.8	1179		4.683116	
6	2	17	94.7	1524		5.755136	1
7	2	16	91.5	1641		7.04213	
8	3	15	61.6	1525	1122	7.440468	
9	3	19	99.3	1709	1369	8.966455	
10	2	12	75.7	1220		9.350001	
11	2	14	57.7	1771		10.399118	
12	1	12	53.6			11.127484	

Bin5 Statistics 9

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	18	59.9	1049	1696	0.061723	
1	2	6	64.7	1641		0.683671	
2	2	5	87.5	1941		1.351903	
3	2	18	78.1	1206		2.44412	
4	2	18	66.7	1817		3.025351	
5	2	10	88.1	1112		3.653766	
6	2	9	87.8	1097		4.002385	
7	3	9	87.8	1105	1259	4.718962	
8	3	12	69.8	1149	1639	5.471986	
9	1	18	65.8			6.030371	1
10	1	16	61			6.695585	
11	3	17	87.8	1350	1461	7.057083	
12	3	14	60.9	1559	1045	7.731286	
13	3	5	62.1	1242	1004	8.470617	
14	2	15	97.3	1016		9.444335	
15	2	18	85.6	1247		10.073493	
16	2	17	95.2	1253		10.663873	
17	2	13	59.3	1533		10.775053	
18	1	8	69.1			11.587201	

Bin5 Statistics 10

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	19	67.6	1326		0.276339	1
1	2	17	58.3	1443		0.963949	
2	2	6	79.4	1848		1.982972	
3	3	12	89.9	1061	1955	2.227066	
4	3	10	99	1470	1994	2.989639	
5	2	7	87.3	1036		3.381284	
6	3	11	66.6	1720	1875	4.451083	
7	3	13	96.8	1847	1822	4.759431	
8	2	13	65.1	1839		5.442341	
9	3	7	87.7	1065	1903	6.334812	
10	2	16	61.7	1641		6.741098	
11	3	13	65.5	1451	1297	7.83787	
12	2	14	91.8	1655		8.086497	
13	2	6	95.8	1299		9.105555	
14	1	11	94.6			9.664296	
15	2	11	85.7	1507		10.379016	
16	3	17	87.7	1353	1285	11.185497	
17	3	12	98.7	1745	1381	11.731141	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	86.2			0.906222	1
1	1	10	69.5			1.263546	
2	2	15	81.1	1292		2.587064	
3	1	6	74.2			3.493013	
4	1	19	52.2			4.844731	
5	3	6	91.9	1803	1048	5.788158	
6	2	9	93.8	1847		6.184202	
7	2	16	69.5	1329		7.371344	
8	3	16	99.8	1399	1028	8.752154	
9	2	10	98.3	1839		9.350345	
10	3	16	70.5	1274	1026	10.030375	
11	3	14	97.3	1081	1714	11.559054	

Bin5 Statistics 12

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	6	53.7	1131	1115	0.259193	1
1	3	12	65.4	1783	1219	1.240968	
2	3	15	50.2	1750	1767	1.455555	
3	3	16	51.4	1987	1468	2.305826	
4	1	15	60.4			3.201755	
5	1	10	91.4			3.873648	
6	2	14	76.5	1101		4.377338	
7	1	8	90.1			4.763014	
8	1	10	67.1			5.391	
9	1	17	94.7			6.320439	
10	1	9	99.7			7.107529	
11	2	10	54.7	1526		7.991091	
12	2	7	71.8	1936		8.062569	
13	1	10	66.3			9.022115	
14	2	5	86.5	1985		9.542627	
15	2	10	78.4	1928		10.396773	
16	3	7	82.5	1244	1148	11.000993	
17	2	14	99.5	1234		11.856749	

Bin5 Statistics 13

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	12	51.8	1919		0.546303	
1	1	14	81.6			0.767917	
2	2	9	61.1	1914		1.596305	
3	2	13	96.6	1167		2.020689	
4	3	12	56.3	1649	1314	2.681114	
5	1	14	77.4			3.666308	
6	1	11	70.9			3.998115	
7	2	13	84.4	1660		5.000383	
8	2	12	55.3	1700		5.436115	
9	2	17	78.5	1940		6.090635	1
10	3	20	98.2	1472	1158	6.773558	
11	3	15	74.7	1214	1657	6.971908	
12	2	15	96.6	1567		7.88488	
13	1	16	95.5			8.288822	
14	2	18	86.4	1854		9.076829	
15	2	11	85.6	1774		9.722262	
16	2	8	68.2	1798		10.252912	
17	1	15	63.2			11.297097	
18	3	15	64.8	1080	1128	11.471132	

Bin5 Statistics 14

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	15	90.4	1951	1018	0.047436	1
1	3	9	73.9	1474	1092	0.911341	
2	2	7	95.2	1061		1.835594	
3	1	17	78.6			2.448845	
4	2	8	69.2	1709		3.034977	
5	2	14	70.6	1804		3.912645	
6	2	13	88.8	1795		5.00572	
7	1	9	67.4			5.738474	
8	3	12	88.7	1848	1648	6.001281	
9	2	16	91.8	1278		7.24515	
10	2	13	74	1171		8.132404	
11	2	12	77.6	1492		8.677451	
12	2	15	97.2	1398		9.510966	
13	3	11	74.4	1709	1612	10.110236	
14	2	6	89.3	1024		11.196684	
15	2	18	99.8	1989		11.61495	

Bin5 Statistics 15

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	8	85.3	1977		0.782691	1
1	3	12	87.1	1566	1203	2.50911	
2	1	14	81.2			2.935167	
3	1	14	70.9			4.075016	
4	2	16	85.8	1867		6.138662	
5	3	7	55.5	1280	1206	6.689867	
6	1	18	67			8.518208	
7	1	13	68.8			9.63439	
8	1	11	73.9			11.121967	

Bin5 Statistics 16

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	17	56.6	1197		1.091053	1
1	3	17	79.3	1264	1364	1.658259	
2	1	10	93.1			2.933841	
3	2	10	96.2	1014		5.004637	
4	1	8	91.7			5.959388	
5	2	13	62.9	1367		7.431317	
6	3	5	70.7	1957	1233	8.577146	
7	3	16	67.6	1804	1218	9.953415	
8	1	10	75.3			11.360915	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	89.5			0.051019	1
1	1	11	95.7			1.482785	
2	2	15	85.4	1014		2.614868	
3	2	15	57.7	1369		3.285688	
4	1	8	72.5			4.083819	
5	2	15	75	1695		4.96204	
6	2	15	69.3	1244		6.145241	
7	1	18	53.6			7.251033	
8	3	15	53.8	1348	1813	7.46645	
9	1	15	60.9			8.85489	
10	2	20	94.8	1008		10.038848	
11	3	5	70.4	1531	1294	10.929231	
12	2	16	74	1473		11.545633	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	74			0.799083	1
1	2	6	93.4	1159		1.45045	
2	2	19	92.3	1947		2.534016	
3	2	10	99.3	1101		2.747404	
4	1	10	79.9			3.699456	
5	2	6	84.3	1110		5.11983	
6	2	16	83.4	1410		5.692749	
7	1	11	72.4			6.771225	
8	2	7	72.2	1796		7.601991	
9	2	18	82	1402		7.8396	
10	2	16	91.5	1948		8.718711	
11	1	18	64.4			10.048158	
12	1	5	64.5			10.972604	
13	2	12	94.8	1234		11.518846	

Bin5 Statistics 19

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	14	87.2	1786	1655	0.281903	1
1	1	19	87.6			1.807036	
2	2	13	85.8	1639		3.08539	
3	2	10	85.4	1057		3.722686	
4	2	9	76	1833		4.853997	
5	1	6	56.6			6.290723	
6	3	12	65.4	1264	1120	7.262027	
7	1	13	97.4			8.920237	
8	2	6	56.1	1574		10.443354	
9	3	11	86.1	1807	1515	11.877595	

Bin5 Statistics 20

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	10	58.1	1289		0.019608	1
1	1	6	95.4			1.059183	
2	2	10	55	1367		1.506541	
3	2	18	72.7	1885		2.052728	
4	1	10	89.1			2.569808	
5	1	18	70.5			3.596472	
6	1	17	53.8			3.815287	
7	2	14	61.1	1369		4.534988	
8	2	6	98.1	1723		5.116487	
9	1	17	71.7			5.848596	
10	1	12	62.3			6.864019	
11	2	9	69.2	1708		7.317396	
12	2	19	87.3	1575		7.841462	
13	1	9	82.2			8.401282	
14	2	17	51.5	1552		8.911489	
15	2	7	58	1956		9.591668	
16	2	13	87.7	1909		10.701604	
17	1	15	89.2			10.985805	
18	2	16	87.3	1946		11.702958	

Bin5 Statistics 21

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	19	82.7	1679		0.467843	1
1	3	8	63.4	1610	1723	1.917739	
2	2	15	57.6	1758		2.214256	
3	1	6	91.6			3.749692	
4	1	7	55.5			5.254596	
5	2	13	63.8	1477		5.619675	
6	3	13	85.8	1400	1644	6.578742	
7	1	19	88.7			8.357506	
8	2	18	63.3	1324		9.796837	
9	3	10	90.1	1267	1185	10.32864	
10	2	9	73.5	1560		11.00923	

Bin5 Statistics 22

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	14	79.4	1985	1177	0.766964	1
1	2	14	91.1	1816		1.57775	
2	3	14	78.7	1656	1039	2.918557	
3	2	13	57	1773		3.482801	
4	2	13	96.7	1156		5.400653	
5	2	8	83.9	1618		5.669747	
6	2	14	81.5	1732		6.91764	
7	3	18	90.3	1090	1700	7.939934	
8	2	19	54.3	1715		9.186904	
9	2	15	66.5	1504		9.890936	
10	1	19	76.7			11.910011	

Bin5 Statistics 23

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	10	83.7	1553		0.265227	1
1	3	12	93.8	1590	1479	1.752736	
2	1	6	92.3			2.846577	
3	2	19	72.6	1255		4.228592	
4	2	14	62.2	1409		5.946409	
5	1	13	98.2			6.982745	
6	2	12	77	1696		8.14268	
7	3	14	64.6	1545	1458	10.160609	
8	2	8	69.4	1056		11.761531	

Bin5 Statistics 24

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	89.5	1153	1325	0.404411	
1	1	8	82.1			1.551995	
2	2	17	60	1367		2.659914	
3	3	18	76.7	1369	1050	2.923977	
4	2	13	99.3	1560		3.88343	
5	2	11	70.5	1131		4.624371	
6	1	6	90.3			6.191132	1
7	3	5	54.5	1227	1762	6.493328	
8	2	8	73.8	1369		7.654434	
9	3	8	87.5	1558	1295	9.035779	
10	3	10	78.9	1141	1850	10.100097	
11	3	11	92.2	1512	1982	10.692562	
12	2	8	57.3	1418		11.662446	

Bin5 Statistics 25

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	6	83.6	1548		0.252233	
1	1	7	52.7			1.018607	
2	3	11	77.5	1196	1858	1.664892	
3	3	12	70.4	1138	1934	2.405742	
4	2	6	64.2	1424		3.440334	
5	3	13	62.5	1623	1011	3.538304	
6	2	7	88.4	1188		4.29157	
7	2	11	96.5	1584		5.308823	
8	2	5	89.6	1334		5.922545	1
9	1	18	54.1			6.609194	
10	1	7	57.2			7.469792	
11	1	6	80			8.292221	
12	2	20	87.5	1356		8.564419	
13	1	7	62.9			9.796601	
14	2	7	84.3	1754		9.913831	
15	3	9	80.7	1824	1164	11.134705	
16	1	14	99.6			11.834425	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	62.8			0.440243	1
1	2	15	80.6	1676		1.423189	
2	2	17	96.6	1150		2.044905	
3	2	17	54.7	1412		3.441908	
4	1	14	78.8			4.278283	
5	3	13	97.3	1911	1090	5.004586	
6	3	15	87.5	1557	1747	6.703505	
7	3	9	74.6	1699	1016	7.173126	
8	2	7	52.2	1702		8.465697	
9	2	15	78.4	1181		9.56386	
10	2	18	54.2	1086		10.530087	
11	1	13	72			11.611322	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	89.6			0.826526	1
1	3	14	54.5	1419	1663	1.697647	
2	2	7	63.8	1029		2.559629	
3	1	15	71.4			3.039472	
4	2	11	87	1003		4.387837	
5	1	18	69			4.668433	
6	2	14	77.1	1647		5.612593	
7	1	13	54.6			7.060399	
8	1	11	89.1			7.990244	
9	2	9	66.2	1407		8.661911	
10	1	6	67.9			9.919964	
11	2	13	54.3	1003		10.390627	
12	1	14	89.3			11.162301	

Bin5 Statistics 28

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	5	53.6	1137		0.472029	1
1	1	15	61.1			1.384536	
2	2	12	69.9	1002		1.582382	
3	2	13	90.9	1210		2.893414	
4	2	16	58.8	1647		3.184678	
5	1	8	59.3			3.827594	
6	2	15	59.3	1866		4.858069	
7	3	19	64	1631	1471	5.702408	
8	2	12	81.1	1450		6.489572	
9	2	7	94.7	1620		7.410114	
10	3	11	54	1604	1807	7.7132	
11	2	8	91.5	1572		8.809957	
12	1	14	62.3			9.596887	
13	2	18	95.7	1029		9.872177	
14	2	17	51.1	1827		11.148255	
15	2	6	71.4	1045		11.282208	

Bin5 Statistics 29

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	13	77	1399	1981	0.593868	1
1	2	16	96.2	1955		1.605102	
2	2	12	84	1786		2.241304	
3	2	15	91	1953		3.247447	
4	1	18	58.3			3.722033	
5	2	17	94.1	1484		4.641363	
6	2	10	77.3	1937		5.790396	
7	3	15	72.8	1630	1040	6.474104	
8	3	7	54.1	1122	1952	7.039748	
9	2	13	91.7	1149		8.286831	
10	3	10	88.9	1450	1701	8.604315	
11	2	18	82.1	1805		9.753437	
12	2	11	63.3	1912		11.089085	
13	2	7	78.6	1993		11.260715	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	93.3			0.154657	1
1	2	12	64.3	1522		1.254619	
2	1	19	93.9			2.840648	
3	3	12	86.3	1269	1367	3.939874	
4	3	7	72.4	1873	1527	5.421916	
5	3	17	89.2	1114	1535	6.118727	
6	2	7	54.8	1225		7.349531	
7	2	15	70.9	1909		9.132258	
8	3	13	50.4	1034	1312	10.075983	
9	3	10	80.6	1195	1182	11.940178	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5530	9	1	333	1	5439.0, 5296.0, 5332.0, 5412.0, 5649.0, 5366.0, 5265.0, 5287.0, 5641.0, 5410.0, 5356.0, 5707.0, 5655.0, 5255.0, 5261.0, 5454.0, 5375.0, 5593.0, 5574.0, 5563.0, 5680.0, 5388.0, 5473.0, 5553.0, 5430.0, 5651.0, 5515.0, 5701.0, 5567.0, 5469.0, 5307.0, 5554.0, 5615.0, 5607.0, 5555.0, 5526.0, 5334.0, 5384.0, 5545.0, 5409.0, 5380.0, 5518.0, 5353.0, 5399.0, 5544.0, 5315.0, 5531.0, 5337.0, 5596.0, 5674.0, 5311.0, 5389.0, 5551.0, 5471.0, 5309.0, 5630.0, 5292.0, 5622.0, 5466.0, 5453.0, 5305.0, 5503.0, 5393.0, 5259.0, 5281.0, 5625.0, 5411.0, 5590.0, 5579.0, 5636.0, 5357.0, 5623.0, 5275.0, 5535.0, 5657.0, 5398.0, 5678.0, 5481.0, 5467.0, 5383.0, 5350.0, 5368.0, 5340.0, 5693.0, 5685.0, 5689.0, 5447.0, 5256.0, 5525.0, 5361.0, 5258.0, 5492.0, 5300.0, 5712.0, 5496.0, 5568.0, 5491.0, 5272.0, 5612.0, 5650.0 (number of hits: 18)
2	5530	9	1	333	1	5676.0, 5545.0, 5433.0, 5619.0, 5589.0, 5487.0, 5717.0, 5687.0, 5292.0, 5622.0, 5542.0, 5678.0, 5610.0, 5443.0, 5473.0, 5670.0, 5708.0, 5572.0, 5364.0, 5262.0, 5416.0, 5455.0, 5579.0, 5309.0, 5591.0, 5317.0, 5437.0, 5539.0, 5375.0, 5581.0, 5448.0, 5310.0, 5340.0, 5315.0, 5316.0, 5445.0, 5459.0, 5631.0, 5446.0, 5480.0, 5525.0, 5538.0, 5452.0, 5648.0, 5503.0, 5593.0, 5698.0, 5312.0, 5444.0, 5602.0, 5546.0, 5587.0, 5530.0, 5346.0, 5656.0, 5569.0, 5271.0, 5636.0, 5641.0, 5529.0, 5496.0, 5603.0, 5524.0, 5604.0, 5481.0, 5706.0, 5651.0, 5658.0, 5582.0, 5558.0, 5521.0, 5326.0, 5335.0, 5557.0, 5276.0, 5423.0, 5638.0, 5649.0, 5595.0, 5253.0, 5637.0, 5381.0, 5468.0, 5280.0, 5519.0, 5502.0, 5394.0, 5337.0, 5647.0, 5500.0, 5564.0, 5384.0, 5471.0, 5635.0, 5612.0, 5493.0, 5330.0, 5403.0, 5669.0, 5319.0 (number of hits: 14)
3	5530	9	1	333	1	5528.0, 5693.0, 5666.0, 5401.0, 5656.0, 5433.0, 5591.0, 5351.0, 5464.0, 5543.0, 5257.0, 5483.0, 5529.0, 5664.0, 5436.0, 5334.0, 5635.0, 5605.0, 5613.0, 5321.0, 5537.0, 5650.0, 5250.0, 5478.0, 5694.0, 5503.0, 5535.0, 5599.0, 5531.0, 5353.0, 5447.0, 5606.0, 5510.0, 5670.0, 5373.0, 5616.0, 5677.0, 5376.0, 5632.0, 5654.0, 5530.0, 5380.0, 5308.0, 5322.0, 5517.0, 5420.0, 5587.0, 5295.0, 5663.0, 5387.0, 5437.0, 5590.0, 5648.0, 5395.0, 5358.0, 5589.0, 5497.0, 5362.0, 5712.0, 5532.0,

						5719.0, 5480.0, 5553.0, 5560.0, 5389.0, 5649.0, 5287.0, 5584.0, 5491.0, 5374.0, 5370.0, 5350.0, 5442.0, 5722.0, 5717.0, 5593.0, 5294.0, 5576.0, 5583.0, 5359.0, 5326.0, 5341.0, 5386.0, 5451.0, 5691.0, 5282.0, 5492.0, 5390.0, 5379.0, 5547.0, 5683.0, 5256.0, 5400.0, 5554.0, 5272.0, 5534.0, 5298.0, 5463.0, 5317.0, 5627.0 (number of hits: 14)
4	5530	9	1	333	1	5492.0, 5448.0, 5600.0, 5453.0, 5556.0, 5656.0, 5554.0, 5279.0, 5587.0, 5361.0, 5444.0, 5455.0, 5356.0, 5397.0, 5483.0, 5706.0, 5530.0, 5467.0, 5385.0, 5609.0, 5618.0, 5343.0, 5403.0, 5421.0, 5323.0, 5365.0, 5542.0, 5722.0, 5270.0, 5407.0, 5646.0, 5367.0, 5304.0, 5272.0, 5559.0, 5567.0, 5650.0, 5334.0, 5436.0, 5308.0, 5405.0, 5603.0, 5328.0, 5321.0, 5655.0, 5451.0, 5324.0, 5702.0, 5400.0, 5680.0, 5693.0, 5380.0, 5584.0, 5327.0, 5614.0, 5260.0, 5477.0, 5683.0, 5302.0, 5570.0, 5413.0, 5524.0, 5543.0, 5489.0, 5573.0, 5340.0, 5621.0, 5387.0, 5590.0, 5457.0, 5440.0, 5414.0, 5446.0, 5409.0, 5622.0, 5459.0, 5585.0, 5579.0, 5657.0, 5450.0, 5576.0, 5374.0, 5672.0, 5641.0, 5510.0, 5607.0, 5665.0, 5341.0, 5527.0, 5437.0, 5509.0, 5512.0, 5344.0, 5424.0, 5396.0, 5382.0, 5290.0, 5637.0, 5445.0, 5277.0 (number of hits: 14)
5	5530	9	1	333	1	5700.0, 5494.0, 5330.0, 5410.0, 5621.0, 5418.0, 5547.0, 5317.0, 5497.0, 5652.0, 5619.0, 5319.0, 5452.0, 5484.0, 5660.0, 5457.0, 5314.0, 5479.0, 5616.0, 5710.0, 5352.0, 5615.0, 5383.0, 5628.0, 5666.0, 5554.0, 5707.0, 5264.0, 5585.0, 5536.0, 5683.0, 5694.0, 5517.0, 5693.0, 5320.0, 5687.0, 5604.0, 5648.0, 5491.0, 5386.0, 5582.0, 5417.0, 5454.0, 5637.0, 5371.0, 5590.0, 5561.0, 5525.0, 5598.0, 5482.0, 5401.0, 5395.0, 5476.0, 5546.0, 5559.0, 5642.0, 5338.0, 5709.0, 5428.0, 5538.0, 5629.0, 5474.0, 5360.0, 5255.0, 5378.0, 5676.0, 5325.0, 5528.0, 5305.0, 5426.0, 5641.0, 5266.0, 5531.0, 5427.0, 5355.0, 5618.0, 5468.0, 5393.0, 5391.0, 5594.0, 5480.0, 5461.0, 5574.0, 5542.0, 5612.0, 5365.0, 5560.0, 5502.0, 5580.0, 5304.0, 5499.0, 5289.0, 5429.0, 5434.0, 5368.0, 5329.0, 5408.0, 5695.0, 5366.0, 5509.0 (number of hits: 12)
6	5530	9	1	333	1	5717.0, 5587.0, 5422.0, 5476.0, 5378.0, 5441.0, 5370.0, 5344.0, 5674.0, 5496.0, 5469.0, 5669.0, 5456.0, 5251.0, 5477.0, 5526.0, 5677.0, 5653.0, 5388.0, 5408.0, 5685.0, 5672.0, 5632.0, 5575.0, 5529.0, 5287.0, 5723.0, 5270.0, 5288.0, 5593.0, 5276.0, 5629.0, 5525.0, 5639.0, 5260.0, 5306.0, 5658.0, 5499.0, 5268.0, 5358.0,

						5654.0, 5564.0, 5646.0, 5548.0, 5332.0, 5278.0, 5415.0, 5708.0, 5649.0, 5281.0, 5541.0, 5705.0, 5261.0, 5687.0, 5419.0, 5706.0, 5484.0, 5361.0, 5651.0, 5556.0, 5592.0, 5266.0, 5692.0, 5671.0, 5474.0, 5577.0, 5627.0, 5590.0, 5696.0, 5304.0, 5445.0, 5480.0, 5290.0, 5663.0, 5353.0, 5468.0, 5434.0, 5502.0, 5631.0, 5264.0, 5443.0, 5642.0, 5617.0, 5379.0, 5330.0, 5630.0, 5544.0, 5411.0, 5385.0, 5256.0, 5652.0, 5600.0, 5515.0, 5643.0, 5485.0, 5683.0, 5253.0, 5380.0, 5254.0, 5262.0 (number of hits: 19)
7	5530	9	1	333	1	5498.0, 5330.0, 5720.0, 5346.0, 5322.0, 5389.0, 5420.0, 5630.0, 5515.0, 5345.0, 5280.0, 5495.0, 5533.0, 5325.0, 5689.0, 5417.0, 5291.0, 5450.0, 5268.0, 5270.0, 5482.0, 5569.0, 5408.0, 5615.0, 5645.0, 5469.0, 5508.0, 5293.0, 5274.0, 5628.0, 5626.0, 5597.0, 5540.0, 5652.0, 5312.0, 5700.0, 5419.0, 5531.0, 5702.0, 5263.0, 5470.0, 5403.0, 5433.0, 5272.0, 5303.0, 5378.0, 5463.0, 5697.0, 5500.0, 5624.0, 5313.0, 5580.0, 5277.0, 5501.0, 5295.0, 5716.0, 5391.0, 5524.0, 5317.0, 5424.0, 5360.0, 5676.0, 5496.0, 5421.0, 5309.0, 5290.0, 5377.0, 5355.0, 5635.0, 5694.0, 5543.0, 5384.0, 5583.0, 5493.0, 5289.0, 5412.0, 5688.0, 5592.0, 5453.0, 5582.0, 5677.0, 5560.0, 5704.0, 5462.0, 5621.0, 5570.0, 5344.0, 5308.0, 5713.0, 5532.0, 5538.0, 5680.0, 5320.0, 5546.0, 5354.0, 5681.0, 5455.0, 5288.0, 5261.0, 5698.0 (number of hits: 23)
8	5530	9	1	333	1	5720.0, 5682.0, 5617.0, 5644.0, 5539.0, 5669.0, 5624.0, 5295.0, 5457.0, 5365.0, 5344.0, 5313.0, 5568.0, 5434.0, 5470.0, 5704.0, 5310.0, 5458.0, 5677.0, 5447.0, 5613.0, 5449.0, 5268.0, 5261.0, 5660.0, 5354.0, 5252.0, 5554.0, 5584.0, 5578.0, 5425.0, 5651.0, 5380.0, 5426.0, 5688.0, 5691.0, 5615.0, 5672.0, 5493.0, 5286.0, 5350.0, 5421.0, 5641.0, 5406.0, 5453.0, 5547.0, 5367.0, 5712.0, 5474.0, 5340.0, 5404.0, 5527.0, 5500.0, 5387.0, 5705.0, 5307.0, 5429.0, 5650.0, 5661.0, 5510.0, 5430.0, 5266.0, 5443.0, 5497.0, 5288.0, 5586.0, 5455.0, 5294.0, 5389.0, 5336.0, 5407.0, 5642.0, 5439.0, 5699.0, 5327.0, 5262.0, 5514.0, 5409.0, 5304.0, 5659.0, 5553.0, 5496.0, 5296.0, 5576.0, 5494.0, 5377.0, 5280.0, 5658.0, 5698.0, 5419.0, 5265.0, 5345.0, 5364.0, 5648.0, 5468.0, 5492.0, 5306.0, 5549.0, 5481.0, 5413.0 (number of hits: 18)
9	5530	9	1	333	1	5574.0, 5718.0, 5644.0, 5535.0, 5677.0, 5525.0, 5503.0, 5722.0, 5488.0, 5419.0, 5555.0, 5542.0, 5447.0, 5335.0, 5621.0, 5455.0, 5561.0, 5264.0, 5611.0, 5544.0,

						5330.0, 5654.0, 5691.0, 5582.0, 5463.0, 5481.0, 5302.0, 5326.0, 5508.0, 5468.0, 5557.0, 5485.0, 5642.0, 5673.0, 5258.0, 5272.0, 5665.0, 5290.0, 5466.0, 5392.0, 5295.0, 5382.0, 5318.0, 5328.0, 5688.0, 5711.0, 5594.0, 5435.0, 5256.0, 5413.0, 5637.0, 5251.0, 5526.0, 5312.0, 5715.0, 5373.0, 5405.0, 5348.0, 5461.0, 5287.0, 5279.0, 5608.0, 5477.0, 5507.0, 5543.0, 5366.0, 5661.0, 5666.0, 5268.0, 5385.0, 5437.0, 5619.0, 5388.0, 5389.0, 5271.0, 5683.0, 5423.0, 5710.0, 5609.0, 5350.0, 5325.0, 5520.0, 5509.0, 5704.0, 5358.0, 5306.0, 5558.0, 5648.0, 5519.0, 5301.0, 5476.0, 5600.0, 5573.0, 5613.0, 5347.0, 5565.0, 5491.0, 5352.0, 5344.0, 5420.0 (number of hits: 19)
10	5530	9	1	333	1	5691.0, 5253.0, 5410.0, 5452.0, 5504.0, 5274.0, 5287.0, 5667.0, 5700.0, 5639.0, 5437.0, 5620.0, 5263.0, 5690.0, 5348.0, 5395.0, 5641.0, 5548.0, 5530.0, 5354.0, 5267.0, 5306.0, 5676.0, 5629.0, 5479.0, 5578.0, 5403.0, 5637.0, 5714.0, 5358.0, 5666.0, 5658.0, 5382.0, 5351.0, 5443.0, 5268.0, 5483.0, 5439.0, 5499.0, 5429.0, 5344.0, 5485.0, 5304.0, 5444.0, 5269.0, 5449.0, 5686.0, 5538.0, 5371.0, 5275.0, 5624.0, 5685.0, 5567.0, 5519.0, 5619.0, 5334.0, 5377.0, 5341.0, 5283.0, 5545.0, 5677.0, 5313.0, 5688.0, 5307.0, 5262.0, 5266.0, 5528.0, 5264.0, 5575.0, 5628.0, 5514.0, 5416.0, 5673.0, 5680.0, 5281.0, 5588.0, 5716.0, 5454.0, 5448.0, 5404.0, 5556.0, 5279.0, 5508.0, 5406.0, 5609.0, 5470.0, 5473.0, 5477.0, 5604.0, 5299.0, 5326.0, 5547.0, 5701.0, 5517.0, 5614.0, 5590.0, 5498.0, 5486.0, 5330.0, 5531.0 (number of hits: 20)
11	5530	9	1	333	1	5640.0, 5543.0, 5520.0, 5660.0, 5461.0, 5384.0, 5648.0, 5278.0, 5443.0, 5481.0, 5703.0, 5537.0, 5420.0, 5487.0, 5486.0, 5294.0, 5413.0, 5398.0, 5534.0, 5639.0, 5463.0, 5555.0, 5284.0, 5480.0, 5387.0, 5584.0, 5697.0, 5637.0, 5711.0, 5488.0, 5335.0, 5548.0, 5559.0, 5459.0, 5510.0, 5351.0, 5472.0, 5458.0, 5347.0, 5341.0, 5277.0, 5628.0, 5602.0, 5311.0, 5598.0, 5358.0, 5374.0, 5712.0, 5346.0, 5451.0, 5575.0, 5643.0, 5583.0, 5393.0, 5497.0, 5364.0, 5350.0, 5328.0, 5504.0, 5429.0, 5506.0, 5508.0, 5304.0, 5256.0, 5700.0, 5582.0, 5519.0, 5707.0, 5285.0, 5320.0, 5507.0, 5356.0, 5699.0, 5322.0, 5556.0, 5542.0, 5440.0, 5688.0, 5314.0, 5409.0, 5369.0, 5426.0, 5281.0, 5417.0, 5309.0, 5324.0, 5475.0, 5672.0, 5509.0, 5452.0, 5634.0, 5424.0, 5271.0, 5614.0, 5593.0, 5599.0, 5327.0, 5329.0, 5484.0, 5283.0 (number of hits: 19)

12	5530	9	1	333	1	5284.0, 5545.0, 5494.0, 5697.0, 5675.0, 5428.0, 5347.0, 5397.0, 5457.0, 5631.0, 5414.0, 5567.0, 5441.0, 5400.0, 5511.0, 5674.0, 5603.0, 5408.0, 5678.0, 5605.0, 5274.0, 5583.0, 5396.0, 5349.0, 5355.0, 5403.0, 5383.0, 5637.0, 5691.0, 5474.0, 5424.0, 5496.0, 5619.0, 5436.0, 5612.0, 5410.0, 5544.0, 5345.0, 5466.0, 5481.0, 5577.0, 5297.0, 5450.0, 5551.0, 5685.0, 5261.0, 5649.0, 5655.0, 5271.0, 5452.0, 5493.0, 5689.0, 5281.0, 5413.0, 5291.0, 5276.0, 5295.0, 5392.0, 5304.0, 5555.0, 5363.0, 5656.0, 5556.0, 5389.0, 5292.0, 5522.0, 5310.0, 5597.0, 5512.0, 5492.0, 5486.0, 5715.0, 5431.0, 5360.0, 5535.0, 5662.0, 5456.0, 5369.0, 5534.0, 5576.0, 5411.0, 5553.0, 5596.0, 5422.0, 5401.0, 5361.0, 5547.0, 5572.0, 5423.0, 5406.0, 5280.0, 5640.0, 5482.0, 5614.0, 5564.0, 5539.0, 5587.0, 5265.0, 5634.0, 5633.0 (number of hits: 14)
13	5530	9	1	333	1	5357.0, 5445.0, 5634.0, 5678.0, 5311.0, 5440.0, 5394.0, 5520.0, 5580.0, 5347.0, 5677.0, 5569.0, 5635.0, 5325.0, 5288.0, 5435.0, 5614.0, 5607.0, 5489.0, 5422.0, 5656.0, 5276.0, 5434.0, 5653.0, 5624.0, 5566.0, 5649.0, 5321.0, 5498.0, 5303.0, 5570.0, 5496.0, 5531.0, 5264.0, 5401.0, 5667.0, 5679.0, 5466.0, 5708.0, 5455.0, 5421.0, 5499.0, 5418.0, 5481.0, 5519.0, 5702.0, 5628.0, 5672.0, 5294.0, 5493.0, 5316.0, 5467.0, 5279.0, 5349.0, 5469.0, 5251.0, 5619.0, 5258.0, 5703.0, 5267.0, 5551.0, 5690.0, 5366.0, 5438.0, 5687.0, 5587.0, 5561.0, 5278.0, 5694.0, 5630.0, 5609.0, 5682.0, 5564.0, 5361.0, 5713.0, 5696.0, 5684.0, 5577.0, 5712.0, 5465.0, 5670.0, 5408.0, 5447.0, 5272.0, 5371.0, 5400.0, 5290.0, 5680.0, 5487.0, 5473.0, 5553.0, 5689.0, 5513.0, 5602.0, 5533.0, 5388.0, 5300.0, 5474.0, 5442.0, 5461.0 (number of hits: 17)
14	5530	9	1	333	1	5686.0, 5518.0, 5283.0, 5359.0, 5356.0, 5292.0, 5474.0, 5697.0, 5645.0, 5313.0, 5304.0, 5296.0, 5482.0, 5351.0, 5503.0, 5658.0, 5521.0, 5400.0, 5376.0, 5720.0, 5706.0, 5298.0, 5511.0, 5531.0, 5609.0, 5411.0, 5265.0, 5268.0, 5595.0, 5576.0, 5299.0, 5517.0, 5284.0, 5676.0, 5653.0, 5480.0, 5346.0, 5633.0, 5572.0, 5507.0, 5608.0, 5380.0, 5394.0, 5436.0, 5305.0, 5724.0, 5437.0, 5326.0, 5718.0, 5524.0, 5522.0, 5514.0, 5691.0, 5552.0, 5413.0, 5330.0, 5537.0, 5333.0, 5396.0, 5451.0, 5712.0, 5379.0, 5630.0, 5342.0, 5425.0, 5508.0, 5553.0, 5350.0, 5369.0, 5699.0, 5450.0, 5266.0, 5252.0, 5484.0, 5358.0, 5650.0, 5525.0, 5469.0, 5344.0, 5465.0, 5420.0, 5533.0, 5615.0, 5272.0, 5669.0,

						5491.0, 5424.0, 5554.0, 5689.0, 5641.0, 5591.0, 5562.0, 5661.0, 5398.0, 5708.0, 5580.0, 5665.0, 5329.0, 5632.0, 5361.0 (number of hits: 16)
15	5530	9	1	333	1	5722.0, 5697.0, 5493.0, 5640.0, 5629.0, 5715.0, 5461.0, 5384.0, 5608.0, 5515.0, 5643.0, 5369.0, 5350.0, 5416.0, 5589.0, 5641.0, 5388.0, 5309.0, 5496.0, 5352.0, 5683.0, 5478.0, 5663.0, 5495.0, 5502.0, 5622.0, 5667.0, 5364.0, 5429.0, 5574.0, 5298.0, 5335.0, 5472.0, 5375.0, 5687.0, 5504.0, 5609.0, 5270.0, 5657.0, 5679.0, 5613.0, 5421.0, 5328.0, 5646.0, 5664.0, 5316.0, 5554.0, 5256.0, 5561.0, 5368.0, 5339.0, 5444.0, 5304.0, 5702.0, 5320.0, 5500.0, 5323.0, 5377.0, 5327.0, 5616.0, 5477.0, 5443.0, 5408.0, 5544.0, 5549.0, 5576.0, 5417.0, 5431.0, 5698.0, 5562.0, 5625.0, 5721.0, 5259.0, 5516.0, 5280.0, 5465.0, 5400.0, 5466.0, 5306.0, 5329.0, 5570.0, 5404.0, 5273.0, 5332.0, 5358.0, 5373.0, 5399.0, 5686.0, 5654.0, 5278.0, 5565.0, 5572.0, 5301.0, 5333.0, 5366.0, 5483.0, 5642.0, 5566.0, 5367.0, 5331.0 (number of hits: 17)
16	5530	9	1	333	1	5556.0, 5573.0, 5609.0, 5420.0, 5286.0, 5469.0, 5501.0, 5296.0, 5548.0, 5679.0, 5640.0, 5443.0, 5628.0, 5507.0, 5559.0, 5376.0, 5563.0, 5409.0, 5676.0, 5293.0, 5284.0, 5280.0, 5326.0, 5435.0, 5681.0, 5718.0, 5492.0, 5512.0, 5302.0, 5304.0, 5370.0, 5545.0, 5552.0, 5669.0, 5491.0, 5425.0, 5641.0, 5279.0, 5457.0, 5331.0, 5314.0, 5488.0, 5657.0, 5369.0, 5354.0, 5342.0, 5406.0, 5607.0, 5710.0, 5359.0, 5598.0, 5596.0, 5464.0, 5301.0, 5283.0, 5693.0, 5454.0, 5468.0, 5593.0, 5460.0, 5702.0, 5544.0, 5590.0, 5649.0, 5404.0, 5605.0, 5635.0, 5523.0, 5582.0, 5595.0, 5585.0, 5251.0, 5668.0, 5531.0, 5275.0, 5277.0, 5542.0, 5432.0, 5341.0, 5332.0, 5539.0, 5621.0, 5372.0, 5353.0, 5612.0, 5650.0, 5445.0, 5389.0, 5417.0, 5382.0, 5568.0, 5256.0, 5270.0, 5498.0, 5535.0, 5271.0, 5365.0, 5576.0, 5602.0, 5551.0 (number of hits: 18)
17	5530	9	1	333	1	5410.0, 5520.0, 5557.0, 5516.0, 5450.0, 5420.0, 5575.0, 5580.0, 5719.0, 5440.0, 5677.0, 5332.0, 5574.0, 5612.0, 5531.0, 5347.0, 5578.0, 5604.0, 5663.0, 5388.0, 5594.0, 5442.0, 5563.0, 5270.0, 5570.0, 5376.0, 5430.0, 5543.0, 5592.0, 5363.0, 5480.0, 5717.0, 5254.0, 5558.0, 5613.0, 5458.0, 5631.0, 5642.0, 5724.0, 5446.0, 5534.0, 5546.0, 5272.0, 5481.0, 5662.0, 5372.0, 5323.0, 5273.0, 5434.0, 5655.0, 5408.0, 5401.0, 5268.0, 5694.0, 5653.0, 5284.0, 5290.0, 5628.0, 5399.0, 5630.0, 5398.0, 5622.0, 5545.0, 5456.0, 5633.0,

						5316.0, 5330.0, 5669.0, 5567.0, 5267.0, 5606.0, 5409.0, 5583.0, 5356.0, 5564.0, 5287.0, 5394.0, 5627.0, 5649.0, 5289.0, 5498.0, 5691.0, 5702.0, 5419.0, 5566.0, 5483.0, 5505.0, 5519.0, 5685.0, 5637.0, 5439.0, 5565.0, 5504.0, 5257.0, 5302.0, 5616.0, 5518.0, 5602.0, 5496.0, 5345.0 (number of hits: 14)
18	5530	9	1	333	1	5471.0, 5470.0, 5512.0, 5376.0, 5330.0, 5299.0, 5423.0, 5705.0, 5337.0, 5427.0, 5258.0, 5532.0, 5619.0, 5302.0, 5614.0, 5589.0, 5647.0, 5711.0, 5681.0, 5342.0, 5600.0, 5560.0, 5482.0, 5585.0, 5675.0, 5567.0, 5526.0, 5521.0, 5554.0, 5387.0, 5381.0, 5635.0, 5257.0, 5449.0, 5712.0, 5497.0, 5273.0, 5704.0, 5261.0, 5527.0, 5660.0, 5303.0, 5708.0, 5679.0, 5649.0, 5430.0, 5601.0, 5250.0, 5289.0, 5609.0, 5616.0, 5379.0, 5316.0, 5397.0, 5577.0, 5452.0, 5659.0, 5670.0, 5256.0, 5510.0, 5571.0, 5631.0, 5615.0, 5713.0, 5656.0, 5556.0, 5308.0, 5535.0, 5329.0, 5546.0, 5469.0, 5364.0, 5278.0, 5394.0, 5411.0, 5542.0, 5492.0, 5335.0, 5388.0, 5610.0, 5513.0, 5663.0, 5262.0, 5625.0, 5461.0, 5284.0, 5678.0, 5345.0, 5343.0, 5434.0, 5501.0, 5569.0, 5698.0, 5564.0, 5642.0, 5473.0, 5486.0, 5276.0, 5540.0, 5422.0 (number of hits: 17)
19	5530	9	1	333	1	5538.0, 5722.0, 5594.0, 5562.0, 5513.0, 5697.0, 5522.0, 5518.0, 5281.0, 5289.0, 5390.0, 5369.0, 5639.0, 5307.0, 5529.0, 5677.0, 5654.0, 5680.0, 5511.0, 5682.0, 5649.0, 5637.0, 5351.0, 5474.0, 5471.0, 5663.0, 5252.0, 5346.0, 5308.0, 5531.0, 5262.0, 5439.0, 5348.0, 5700.0, 5441.0, 5534.0, 5708.0, 5383.0, 5721.0, 5532.0, 5684.0, 5546.0, 5270.0, 5276.0, 5473.0, 5526.0, 5414.0, 5268.0, 5567.0, 5291.0, 5675.0, 5614.0, 5695.0, 5431.0, 5609.0, 5541.0, 5679.0, 5575.0, 5481.0, 5568.0, 5451.0, 5668.0, 5426.0, 5454.0, 5646.0, 5386.0, 5294.0, 5413.0, 5295.0, 5367.0, 5553.0, 5460.0, 5509.0, 5667.0, 5299.0, 5447.0, 5688.0, 5572.0, 5442.0, 5415.0, 5402.0, 5467.0, 5332.0, 5470.0, 5373.0, 5344.0, 5506.0, 5301.0, 5401.0, 5421.0, 5659.0, 5418.0, 5576.0, 5277.0, 5321.0, 5331.0, 5476.0, 5340.0, 5648.0, 5523.0 (number of hits: 16)
20	5530	9	1	333	1	5391.0, 5625.0, 5689.0, 5679.0, 5367.0, 5519.0, 5655.0, 5405.0, 5357.0, 5595.0, 5371.0, 5523.0, 5490.0, 5266.0, 5614.0, 5342.0, 5631.0, 5407.0, 5648.0, 5493.0, 5327.0, 5292.0, 5470.0, 5665.0, 5290.0, 5668.0, 5537.0, 5662.0, 5285.0, 5623.0, 5294.0, 5400.0, 5720.0, 5299.0, 5642.0, 5588.0, 5404.0, 5541.0, 5377.0, 5619.0, 5707.0, 5659.0, 5318.0, 5291.0, 5492.0,

						5577.0, 5604.0, 5544.0, 5341.0, 5409.0, 5646.0, 5475.0, 5322.0, 5422.0, 5260.0, 5628.0, 5461.0, 5427.0, 5583.0, 5418.0, 5561.0, 5386.0, 5403.0, 5530.0, 5401.0, 5675.0, 5601.0, 5330.0, 5555.0, 5526.0, 5252.0, 5283.0, 5723.0, 5344.0, 5503.0, 5303.0, 5569.0, 5584.0, 5390.0, 5527.0, 5345.0, 5717.0, 5501.0, 5613.0, 5265.0, 5672.0, 5385.0, 5566.0, 5589.0, 5722.0, 5397.0, 5269.0, 5263.0, 5396.0, 5301.0, 5380.0, 5270.0, 5620.0, 5445.0, 5654.0 (number of hits: 19)
21	5530	9	1	333	1	5448.0, 5373.0, 5263.0, 5699.0, 5653.0, 5361.0, 5688.0, 5265.0, 5272.0, 5266.0, 5680.0, 5698.0, 5406.0, 5566.0, 5397.0, 5472.0, 5654.0, 5607.0, 5526.0, 5668.0, 5575.0, 5267.0, 5611.0, 5429.0, 5522.0, 5603.0, 5349.0, 5363.0, 5672.0, 5428.0, 5306.0, 5302.0, 5549.0, 5445.0, 5501.0, 5601.0, 5645.0, 5648.0, 5697.0, 5286.0, 5260.0, 5419.0, 5687.0, 5273.0, 5327.0, 5354.0, 5511.0, 5543.0, 5368.0, 5577.0, 5570.0, 5498.0, 5335.0, 5612.0, 5325.0, 5352.0, 5702.0, 5457.0, 5717.0, 5541.0, 5523.0, 5331.0, 5632.0, 5704.0, 5567.0, 5542.0, 5655.0, 5710.0, 5332.0, 5703.0, 5316.0, 5420.0, 5701.0, 5491.0, 5537.0, 5341.0, 5506.0, 5638.0, 5276.0, 5446.0, 5679.0, 5308.0, 5644.0, 5495.0, 5458.0, 5473.0, 5534.0, 5641.0, 5631.0, 5356.0, 5663.0, 5251.0, 5568.0, 5324.0, 5386.0, 5693.0, 5466.0, 5505.0, 5329.0, 5410.0 (number of hits: 18)
22	5530	9	1	333	1	5579.0, 5252.0, 5628.0, 5574.0, 5713.0, 5409.0, 5566.0, 5719.0, 5607.0, 5429.0, 5283.0, 5483.0, 5265.0, 5603.0, 5377.0, 5378.0, 5457.0, 5349.0, 5536.0, 5688.0, 5272.0, 5698.0, 5314.0, 5613.0, 5693.0, 5261.0, 5383.0, 5711.0, 5408.0, 5250.0, 5710.0, 5666.0, 5290.0, 5442.0, 5544.0, 5532.0, 5271.0, 5518.0, 5619.0, 5556.0, 5633.0, 5550.0, 5573.0, 5594.0, 5307.0, 5294.0, 5626.0, 5427.0, 5601.0, 5575.0, 5526.0, 5540.0, 5330.0, 5299.0, 5502.0, 5524.0, 5699.0, 5273.0, 5675.0, 5256.0, 5631.0, 5627.0, 5592.0, 5285.0, 5503.0, 5498.0, 5593.0, 5400.0, 5287.0, 5676.0, 5460.0, 5519.0, 5677.0, 5473.0, 5405.0, 5402.0, 5520.0, 5366.0, 5431.0, 5354.0, 5375.0, 5690.0, 5656.0, 5350.0, 5678.0, 5528.0, 5661.0, 5459.0, 5507.0, 5706.0, 5658.0, 5487.0, 5651.0, 5716.0, 5484.0, 5611.0, 5305.0, 5634.0, 5702.0, 5663.0 (number of hits: 17)
23	5530	9	1	333	1	5434.0, 5570.0, 5502.0, 5292.0, 5485.0, 5622.0, 5433.0, 5421.0, 5325.0, 5709.0, 5508.0, 5301.0, 5503.0, 5427.0, 5493.0, 5278.0, 5614.0, 5425.0, 5361.0, 5643.0, 5386.0, 5540.0, 5667.0, 5370.0, 5269.0,

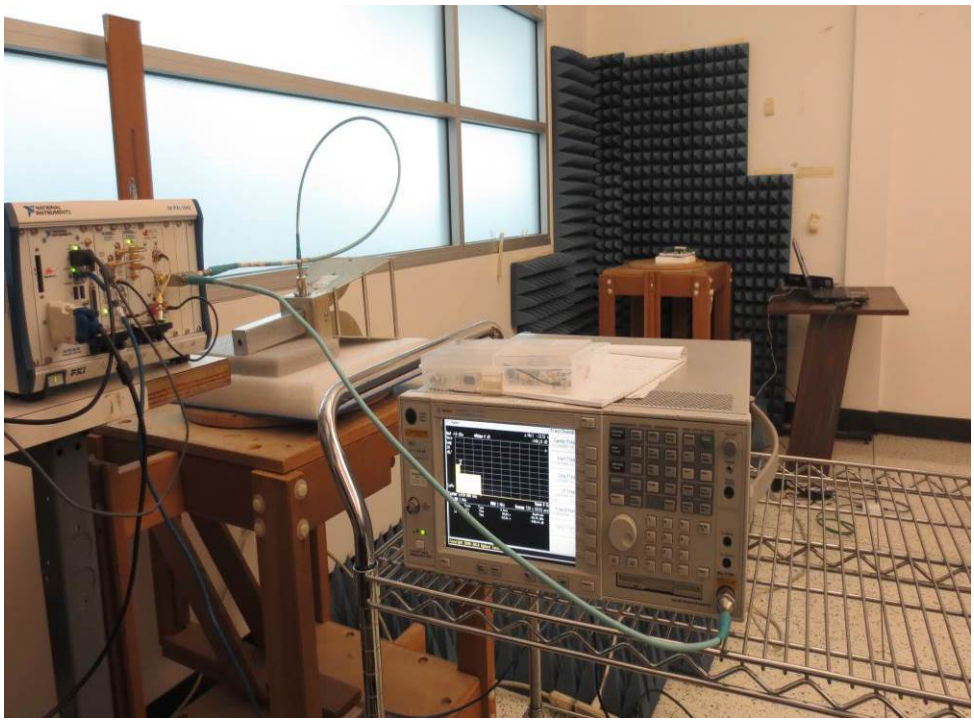
						5603.0, 5544.0, 5367.0, 5295.0, 5267.0, 5391.0, 5282.0, 5355.0, 5275.0, 5647.0, 5254.0, 5563.0, 5336.0, 5609.0, 5500.0, 5298.0, 5414.0, 5318.0, 5714.0, 5635.0, 5359.0, 5718.0, 5498.0, 5356.0, 5680.0, 5587.0, 5721.0, 5539.0, 5412.0, 5562.0, 5690.0, 5448.0, 5506.0, 5711.0, 5695.0, 5346.0, 5363.0, 5362.0, 5719.0, 5461.0, 5415.0, 5343.0, 5352.0, 5644.0, 5628.0, 5477.0, 5631.0, 5277.0, 5678.0, 5437.0, 5438.0, 5650.0, 5595.0, 5627.0, 5702.0, 5490.0, 5673.0, 5637.0, 5314.0, 5286.0, 5354.0, 5454.0, 5424.0, 5504.0, 5331.0, 5307.0, 5546.0, 5400.0, 5380.0, 5708.0, 5545.0, 5617.0, 5606.0, 5478.0, 5668.0 (number of hits: 16)
24	5530	9	1	333	1	5456.0, 5357.0, 5478.0, 5365.0, 5386.0, 5326.0, 5300.0, 5590.0, 5429.0, 5381.0, 5700.0, 5263.0, 5411.0, 5332.0, 5629.0, 5526.0, 5688.0, 5336.0, 5588.0, 5261.0, 5349.0, 5435.0, 5596.0, 5353.0, 5609.0, 5672.0, 5583.0, 5402.0, 5286.0, 5295.0, 5445.0, 5515.0, 5544.0, 5334.0, 5352.0, 5385.0, 5287.0, 5560.0, 5514.0, 5321.0, 5303.0, 5420.0, 5530.0, 5694.0, 5257.0, 5536.0, 5577.0, 5671.0, 5539.0, 5566.0, 5621.0, 5660.0, 5535.0, 5627.0, 5275.0, 5447.0, 5448.0, 5468.0, 5311.0, 5503.0, 5565.0, 5426.0, 5383.0, 5585.0, 5502.0, 5251.0, 5306.0, 5575.0, 5274.0, 5253.0, 5291.0, 5309.0, 5718.0, 5610.0, 5633.0, 5485.0, 5404.0, 5477.0, 5551.0, 5475.0, 5704.0, 5602.0, 5697.0, 5480.0, 5362.0, 5625.0, 5595.0, 5479.0, 5564.0, 5652.0, 5717.0, 5269.0, 5665.0, 5554.0, 5587.0, 5567.0, 5497.0, 5716.0, 5419.0, 5619.0 (number of hits: 19)
25	5530	9	1	333	1	5456.0, 5610.0, 5437.0, 5528.0, 5335.0, 5309.0, 5699.0, 5715.0, 5443.0, 5521.0, 5564.0, 5413.0, 5584.0, 5300.0, 5269.0, 5675.0, 5683.0, 5568.0, 5712.0, 5723.0, 5592.0, 5478.0, 5371.0, 5612.0, 5555.0, 5409.0, 5692.0, 5356.0, 5711.0, 5616.0, 5334.0, 5376.0, 5319.0, 5646.0, 5656.0, 5701.0, 5658.0, 5384.0, 5310.0, 5582.0, 5367.0, 5525.0, 5366.0, 5647.0, 5278.0, 5498.0, 5257.0, 5327.0, 5512.0, 5691.0, 5363.0, 5654.0, 5489.0, 5399.0, 5263.0, 5262.0, 5253.0, 5403.0, 5442.0, 5302.0, 5305.0, 5365.0, 5351.0, 5500.0, 5554.0, 5325.0, 5627.0, 5702.0, 5501.0, 5488.0, 5713.0, 5428.0, 5499.0, 5533.0, 5604.0, 5688.0, 5323.0, 5374.0, 5593.0, 5534.0, 5524.0, 5666.0, 5694.0, 5288.0, 5587.0, 5379.0, 5670.0, 5382.0, 5406.0, 5407.0, 5597.0, 5380.0, 5474.0, 5676.0, 5417.0, 5423.0, 5655.0, 5643.0, 5291.0, 5318.0 (number of hits: 18)
26	5530	9	1	333	1	5252.0, 5345.0, 5661.0, 5262.0, 5583.0,

						5461.0, 5723.0, 5278.0, 5382.0, 5702.0, 5377.0, 5722.0, 5321.0, 5543.0, 5499.0, 5621.0, 5287.0, 5324.0, 5453.0, 5596.0, 5478.0, 5336.0, 5539.0, 5476.0, 5325.0, 5639.0, 5556.0, 5261.0, 5297.0, 5655.0, 5616.0, 5393.0, 5663.0, 5682.0, 5452.0, 5399.0, 5387.0, 5645.0, 5637.0, 5506.0, 5665.0, 5648.0, 5320.0, 5497.0, 5413.0, 5350.0, 5710.0, 5379.0, 5492.0, 5579.0, 5519.0, 5551.0, 5308.0, 5664.0, 5349.0, 5676.0, 5290.0, 5445.0, 5554.0, 5705.0, 5654.0, 5417.0, 5673.0, 5518.0, 5633.0, 5709.0, 5612.0, 5340.0, 5715.0, 5603.0, 5440.0, 5431.0, 5424.0, 5593.0, 5643.0, 5523.0, 5427.0, 5625.0, 5384.0, 5310.0, 5443.0, 5548.0, 5696.0, 5577.0, 5317.0, 5314.0, 5356.0, 5339.0, 5571.0, 5573.0, 5552.0, 5675.0, 5517.0, 5344.0, 5688.0, 5568.0, 5293.0, 5253.0, 5300.0, 5309.0 (number of hits: 19)
27	5530	9	1	333	1	5666.0, 5562.0, 5639.0, 5397.0, 5537.0, 5446.0, 5389.0, 5347.0, 5310.0, 5501.0, 5521.0, 5408.0, 5369.0, 5660.0, 5480.0, 5334.0, 5591.0, 5607.0, 5701.0, 5711.0, 5560.0, 5671.0, 5444.0, 5400.0, 5525.0, 5308.0, 5583.0, 5704.0, 5676.0, 5565.0, 5407.0, 5572.0, 5360.0, 5581.0, 5588.0, 5269.0, 5528.0, 5506.0, 5482.0, 5455.0, 5448.0, 5261.0, 5252.0, 5461.0, 5253.0, 5394.0, 5541.0, 5568.0, 5481.0, 5411.0, 5580.0, 5428.0, 5577.0, 5531.0, 5590.0, 5716.0, 5453.0, 5413.0, 5377.0, 5311.0, 5260.0, 5690.0, 5410.0, 5364.0, 5483.0, 5558.0, 5559.0, 5271.0, 5402.0, 5617.0, 5422.0, 5462.0, 5675.0, 5290.0, 5672.0, 5302.0, 5556.0, 5596.0, 5663.0, 5266.0, 5267.0, 5270.0, 5499.0, 5279.0, 5342.0, 5719.0, 5536.0, 5263.0, 5604.0, 5412.0, 5273.0, 5712.0, 5352.0, 5622.0, 5576.0, 5259.0, 5450.0, 5718.0, 5351.0, 5555.0 (number of hits: 18)
28	5530	9	1	333	1	5553.0, 5317.0, 5707.0, 5614.0, 5577.0, 5485.0, 5680.0, 5632.0, 5254.0, 5425.0, 5433.0, 5369.0, 5285.0, 5665.0, 5538.0, 5591.0, 5550.0, 5542.0, 5601.0, 5698.0, 5299.0, 5642.0, 5322.0, 5578.0, 5701.0, 5517.0, 5708.0, 5280.0, 5595.0, 5544.0, 5512.0, 5265.0, 5643.0, 5557.0, 5566.0, 5471.0, 5430.0, 5548.0, 5281.0, 5719.0, 5580.0, 5355.0, 5457.0, 5271.0, 5266.0, 5560.0, 5501.0, 5331.0, 5314.0, 5506.0, 5348.0, 5431.0, 5387.0, 5536.0, 5518.0, 5710.0, 5662.0, 5337.0, 5447.0, 5366.0, 5623.0, 5589.0, 5293.0, 5375.0, 5354.0, 5565.0, 5468.0, 5599.0, 5604.0, 5278.0, 5503.0, 5636.0, 5350.0, 5385.0, 5401.0, 5412.0, 5478.0, 5568.0, 5336.0, 5619.0, 5411.0, 5259.0, 5583.0, 5416.0, 5357.0, 5602.0, 5528.0, 5441.0, 5572.0, 5308.0,

						5329.0, 5396.0, 5288.0, 5666.0, 5515.0, 5334.0, 5392.0, 5349.0, 5420.0, 5381.0 (number of hits: 17)
29	5530	9	1	333	1	5399.0, 5583.0, 5345.0, 5687.0, 5478.0, 5659.0, 5389.0, 5664.0, 5376.0, 5637.0, 5405.0, 5504.0, 5438.0, 5432.0, 5451.0, 5610.0, 5615.0, 5574.0, 5409.0, 5418.0, 5676.0, 5292.0, 5639.0, 5423.0, 5711.0, 5609.0, 5675.0, 5326.0, 5498.0, 5341.0, 5506.0, 5447.0, 5260.0, 5374.0, 5471.0, 5635.0, 5375.0, 5502.0, 5267.0, 5515.0, 5279.0, 5434.0, 5360.0, 5322.0, 5394.0, 5604.0, 5571.0, 5483.0, 5701.0, 5419.0, 5600.0, 5631.0, 5718.0, 5289.0, 5671.0, 5577.0, 5512.0, 5593.0, 5338.0, 5486.0, 5670.0, 5528.0, 5444.0, 5686.0, 5411.0, 5568.0, 5587.0, 5401.0, 5448.0, 5392.0, 5350.0, 5537.0, 5588.0, 5663.0, 5340.0, 5629.0, 5400.0, 5569.0, 5640.0, 5679.0, 5462.0, 5622.0, 5270.0, 5367.0, 5316.0, 5607.0, 5614.0, 5529.0, 5385.0, 5549.0, 5437.0, 5476.0, 5356.0, 5678.0, 5601.0, 5525.0, 5677.0, 5378.0, 5348.0, 5359.0 (number of hits: 9)
30	5530	9	1	333	1	5697.0, 5283.0, 5460.0, 5575.0, 5281.0, 5449.0, 5569.0, 5567.0, 5400.0, 5457.0, 5433.0, 5406.0, 5349.0, 5311.0, 5334.0, 5549.0, 5701.0, 5673.0, 5380.0, 5372.0, 5378.0, 5253.0, 5489.0, 5579.0, 5626.0, 5403.0, 5539.0, 5655.0, 5638.0, 5628.0, 5669.0, 5558.0, 5691.0, 5418.0, 5255.0, 5300.0, 5530.0, 5648.0, 5463.0, 5524.0, 5616.0, 5451.0, 5513.0, 5540.0, 5534.0, 5608.0, 5533.0, 5386.0, 5426.0, 5266.0, 5521.0, 5596.0, 5265.0, 5679.0, 5623.0, 5376.0, 5431.0, 5609.0, 5706.0, 5593.0, 5564.0, 5346.0, 5424.0, 5696.0, 5487.0, 5332.0, 5304.0, 5391.0, 5621.0, 5632.0, 5440.0, 5562.0, 5455.0, 5512.0, 5684.0, 5410.0, 5375.0, 5687.0, 5419.0, 5263.0, 5582.0, 5640.0, 5543.0, 5251.0, 5553.0, 5278.0, 5492.0, 5270.0, 5585.0, 5656.0, 5434.0, 5636.0, 5686.0, 5354.0, 5415.0, 5710.0, 5502.0, 5468.0, 5685.0, 5610.0 (number of hits: 13)

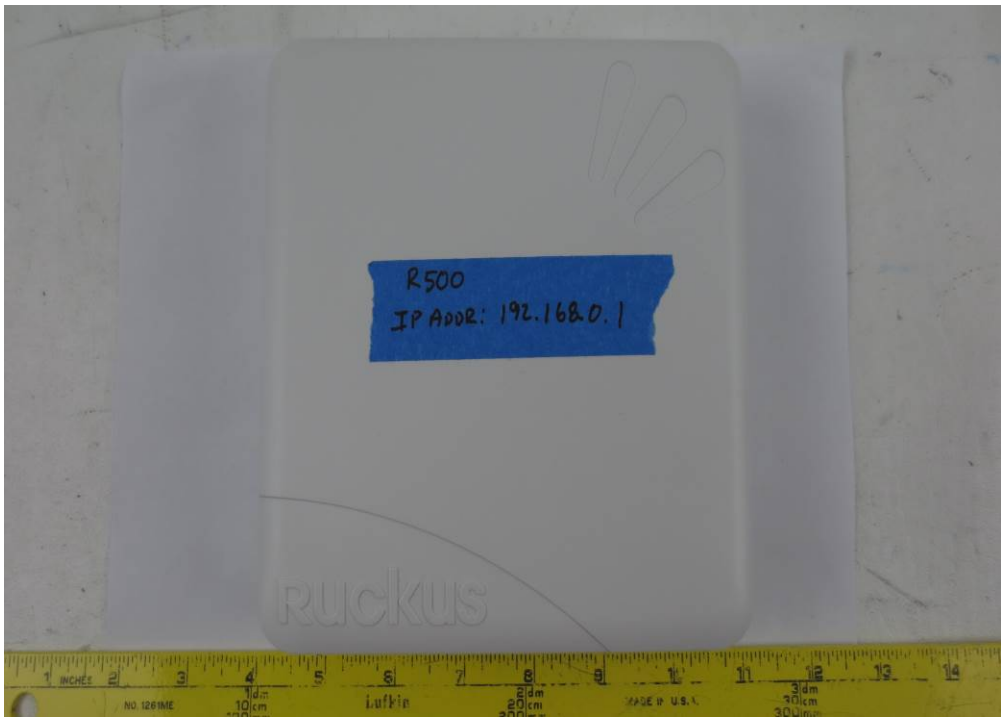
10 Appendix A – Test Setup Photographs

10.1 DFS Test Setup View



11 Exhibit B – EUT Photographs

11.1 EUT Photo: Top View

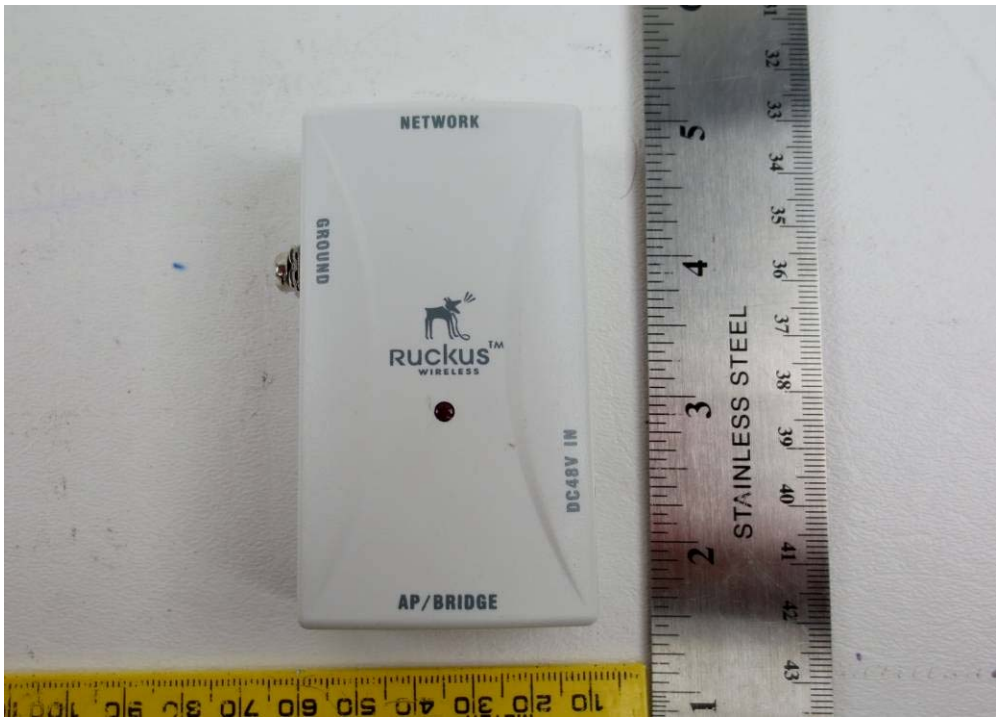


11.2 EUT Photo: Bottom View

11.3 EUT Photo: Front View

11.4 EUT Photo: Rear View

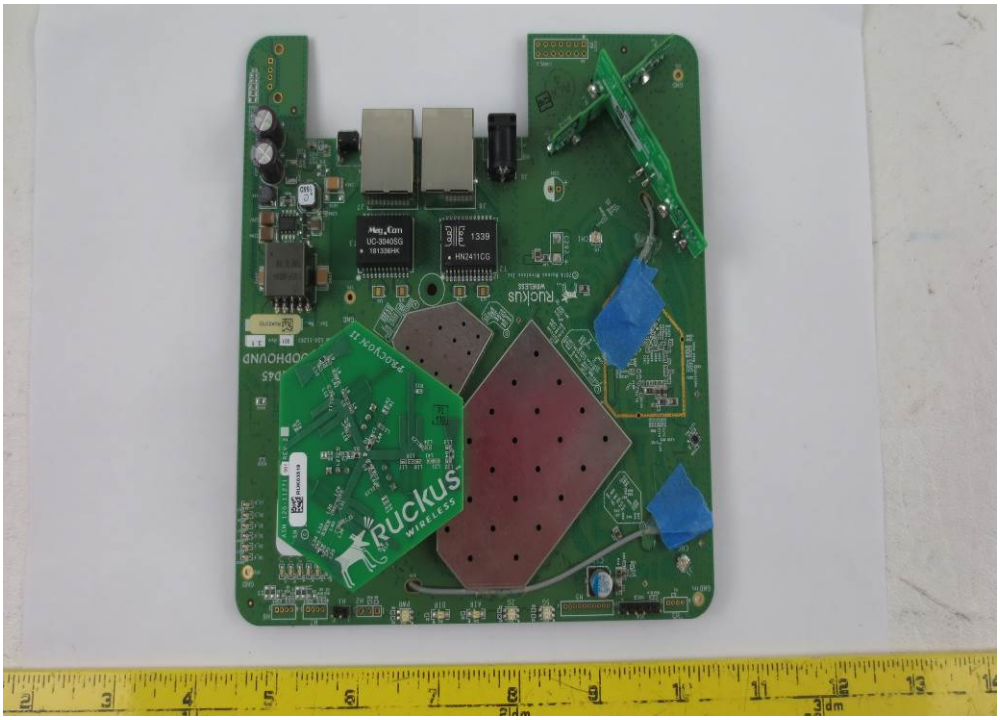
11.5 DC Adaptor/POE: Front View



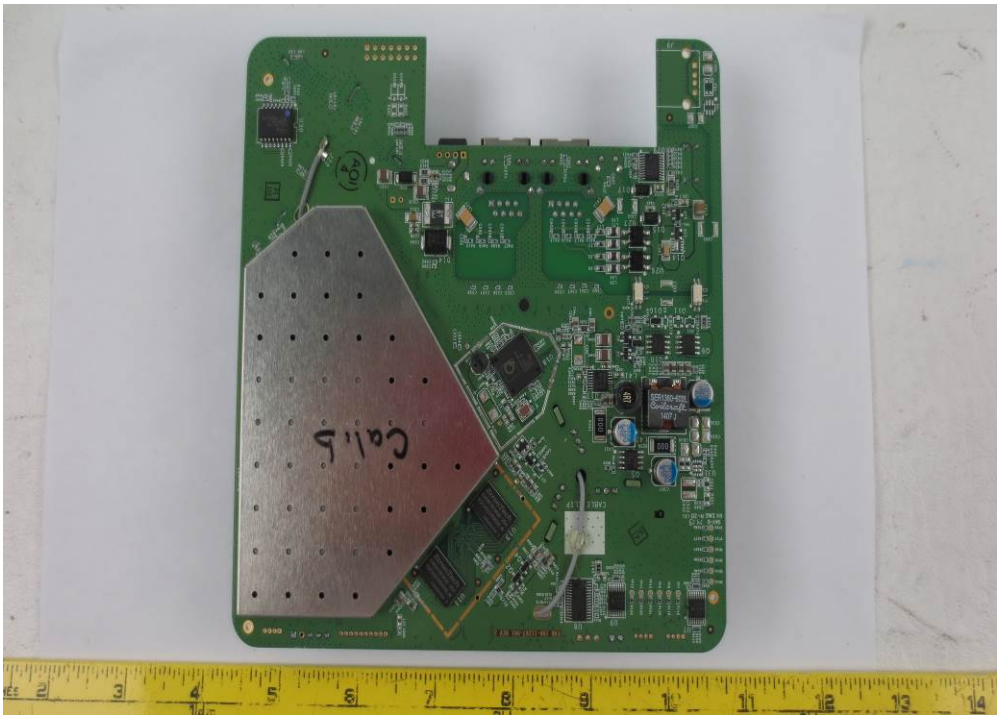
11.6 AC Adaptor: Front View

11.7 EUT Photo: Open Case View

11.8 PCB Main Board: Top View



11.9 PCB Main Board: Bottom View



11.10 PCB Main Board without shielding: Top View

11.11 PCB Main Board without shielding: Bottom View

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