FCC PART 15.407
IC RSS-247, ISSUE 1, MAY 2015
DYNAMIC FREQUENCY SELECTION
TEST REPORT

For

Fortinet, Inc.

899 Kifer Road,

Sunnyvale, CA 94086, USA

FCC ID: TVE-28166033
IC: 7280B-28166033

Report Type:	**Product Type:**
Original Report	Secured Wireless Access Point

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Report Number:	R1610039-DFS
Report Date:	2016-10-31
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* This report may contain data that are not covered by the A2LA accreditation and are marked with an asterisk "*"

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	R1610039-DFS	Original	2016-10-31

1 General Description

1.1 Product Description for Equipment under Test (EUT)

This test and measurement report has been compiled on behalf of *Fortinet, Inc.* and their product Model: FORTIAP-S422Exxxxxx, FortiAP S422Exxxxxx, FAP-S422Exxxxxx (where "x" can be used as "A-Z" or "0-9" or "-" or blank for software changes or marketing purpose only) which will henceforth be referred to as the EUT (Equipment under Test). The EUT is a Secured Wireless Access Point.

1.2 Mechanical Description of EUT

The EUT measures approximately 213 (L) x 213(W) x 50(H) mm without external antenna. It weighs approximately 1.2kg.

The data gathered are from production sample provided by the manufacturer, serial number: R1610039-1, assigned by BACL.

1.3 Objective

This report is prepared on behalf of *Fortinet, Inc.* in accordance with FCC CFR47 §15.407 (h) & RSS 247 §6.3 and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v02.

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)

RSS 247 §6.3

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

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 Registrations

BACLs test facilities that are used to perform Radiated and Conducted Emissions tests are currently recognized by the Federal Communications Commission as Accredited with NIST Designation Number US1129.

BACL's test facilities that are used to perform Radiated and Conducted Emissions tests are currently registered with Industry Canada under Registration Numbers: 3062A-1, 3062A-2, and 3062A-3.

BACL is a Chinese Taipei Bureau of Standards Metrology and Inspection (BSMI) validated Conformity Assessment Body (CAB), under Annex B, Phase I Procedures of the APEC Mutual Recognition Arrangement (MRA). BACL's BSMI Lab Code Number is: SL2-IN-E-1002R

BACL's test facilities that are used to perform AC Line Conducted Emissions, Telecommunications Line Conducted Emissions, Radiated Emissions from 30 MHz to 1 GHz, and Radiated Emissions from 1 GHz to 6 GHz are currently recognized as Accredited in accordance with the Voluntary Control Council for Interference [VCCI] Article 15 procedures under Registration Number A-0027.

1.7 Test Facility Accreditations

Bay Area Compliance Laboratories Corp. (BACL) is:

A- ***An independent, 3rd-Party, Commercial Test Laboratory accredited to ISO/IEC 17025:2005 by A2LA (Test Laboratory Accreditation Certificate Number 3297.02)*****,** in the fields of: Electromagnetic Compatibility and Telecommunications. Unless noted by an Asterisk (*) in the Compliance Matrix (See Section 3 of this Test Report), BACL's ISO/IEC 17025:2005 Scope of Accreditation includes all of the Test Method Standards and/or the Product Family Standards detailed in this Test Report..

BACL's ISO/IEC 17025:2005 Scope of Accreditation includes a comprehensive suite of EMC Emissions, EMC Immunity, Radio, RF Exposure, Safety and wireline Telecommunications test methods applicable to a wide range of product categories. These product categories include Central Office Telecommunications Equipment [including NEBS - Network Equipment Building Systems], Unlicensed and Licensed Wireless and RF devices, Information Technology Equipment (ITE); Telecommunications Terminal Equipment (TTE); Medical Electrical Equipment; Industrial, Scientific and Medical Test Equipment; Professional Audio and Video Equipment; Industrial and Scientific Instruments and Laboratory Apparatus; Cable Distribution Systems, and Energy Efficient Lighting.

B- ***A Product Certification Body accredited to ISO/IEC 17065:2012 by A2LA (Product Certification Body Accreditation Certificate Number 3297.03)*** to certify

- For the USA (Federal Communications Commission):
  - 1- All Unlicensed radio frequency devices within FCC Scopes A1, A2, A3, and A4;
  - 2- All Licensed radio frequency devices within FCC Scopes B1, B2, B3, and B4;
  - 3- All Telephone Terminal Equipment within FCC Scope C.
- For the Canada (Industry Canada):
  - 1 All Scope 1-Licence-Exempt Radio Frequency Devices;
  - 2 All Scope 2-Licensed Personal Mobile Radio Services;
  - 3 All Scope 3-Licensed General Mobile & Fixed Radio Services;
  - 4 All Scope 4-Licensed Maritime & Aviation Radio Services;
  - 5 All Scope 5-Licensed Fixed Microwave Radio Services
  - 6 All Broadcasting Technical Standards (BETS) in the Category I Equipment Standards List.
- For Singapore (Info-Communications Development Authority (IDA)):
  - 1 All Line Terminal Equipment: All Technical Specifications for Line Terminal Equipment – Table 1 of IDA MRA Recognition Scheme: 2011, Annex 2
  - 2. All Radio-Communication Equipment: All Technical Specifications for Radio-Communication Equipment – Table 2 of IDA MRA Recognition Scheme: 2011, Annex 2
- For the Hong Kong Special Administrative Region:
  - 1 All Radio Equipment, per KHCA 10XX-series Specifications;
  - 2 All GMDSS Marine Radio Equipment, per HKCA 12XX-series Specifications;
  - 3 All Fixed Network Equipment, per HKCA 20XX-series Specifications.
- For Japan:
  - 1 MIC Telecommunication Business Law (Terminal Equipment):
    - All Scope A1 - Terminal Equipment for the Purpose of Calls;
    - All Scope A2 - Other Terminal Equipment
  - 2 Radio Law (Radio Equipment):
    - All Scope B1 - Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 1 of the Radio Law
    - All Scope B2 - Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 2 of the Radio Law
    - All Scope B3 - Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 3 of the Radio Law

C- ***A Product Certification Body accredited to ISO/IEC 17065:2012 by A2LA (Product Certification Body Accreditation Certificate Number 3297.01)*** to certify Products to USA's Environmental Protection Agency (EPA) ENERGY STAR Product Specifications for:

1 Electronics and Office Equipment:
- for Telephony (ver. 3.0)
- for Audio/Video (ver. 3.0)
- for Battery Charging Systems (ver. 1.1)
- for Set-top Boxes & Cable Boxes (ver. 4.1)
- for Televisions (ver. 6.1)
- for Computers (ver. 6.0)
- for Displays (ver. 6.0)
- for Imaging Equipment (ver. 2.0)
- for Computer Servers (ver. 2.0)

2 Commercial Food Service Equipment
- for Commercial Dishwashers (ver. 2.0)
- for Commercial Ice Machines (ver. 2.0)
- for Commercial Ovens (ver. 2.1)
- for Commercial Refrigerators and Freezers

3 Lighting Products
- For Decorative Light Strings (ver. 1.5)
- For Luminaires (including sub-components) and Lamps (ver. 1.2)
- For Compact Fluorescent Lamps (CFLs) (ver. 4.3)
- For Integral LED Lamps (ver. 1.4)

4 Heating, Ventilation, and AC Products
- for Residential Ceiling Fans (ver. 3.0)
- for Residential Ventilating Fans (ver. 3.2)

5 Other
- For Water Coolers (ver. 3.0)

D. A NIST Designated Phase-I and Phase-II Conformity Assessment Body (CAB) for the following economies and regulatory authorities under the terms of the stated MRAs/Treaties:

- Australia: ACMA (Australian Communication and Media Authority) – APEC Tel MRA -Phase I;
- Canada: (Industry Canada - IC) Foreign Certification Body – FCB – APEC Tel MRA -Phase I & Phase II;
- Chinese Taipei (Republic of China – Taiwan):
  - BSMI (Bureau of Standards, Metrology and Inspection) APEC Tel MRA -Phase I;
  - NCC (National Communications Commission) APEC Tel MRA -Phase I;
- European Union:
  - Radio & Teleterminal Equipment (R&TTE) Directive 1995/5/EC
    US -EU EMC & Telecom MRA CAB
- Hong Kong Special Administrative Region: (Office of the Telecommunications Authority – OFTA)
  APEC Tel MRA -Phase I & Phase II
- Israel – US-Israel MRA Phase I
- Republic of Korea (Ministry of Communications - Radio Research Laboratory) APEC Tel MRA -Phase I
- Singapore: (Infocomm Development Authority - IDA) APEC Tel MRA -Phase I & Phase II;
- Japan: VCCI - Voluntary Control Council for Interference US-Japan Telecom Treaty VCCI Side Letter-
- USA:
  - ENERGY STAR Recognized Test Laboratory – US EPA
  - Telecommunications Certification Body (TCB) – US FCC;
- Vietnam: APEC Tel MRA -Phase I;

2 EUT Test Configuration

2.1 Justification

The EUT was configured for testing according to FCC CFR47 §15.407 (h) & RSS 247 §6.3, and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v02.

2.2 EUT Exercise Software

The test software used was FortiWiFi 60D GUI web and Tera Term, they were been used to change the WiFi mode and channel to control the radio.

2.3 Equipment Modifications

N/A

2.4 Local Support Equipment

Manufacturer	Description	Model
Dell	Laptop	Latitude D630
Fortinet	Controller	FortiWiFi 60D

2.5 Interface Ports and Cables

Cable Description	Length (M)	From	To
RJ 45 (CAT 5)	< 3	Controller	POE
RJ 45 (CAT 5)	<3	Supporting Laptop	Controller
RJ 45 (CAT 5)	<3	AP	POE
Serial Cable	<3	AP	Supporting Laptop

2.6 Power Supply and Line Filters

Manufacturer	Description	Model	Part Number
N/A	POE injector	N/A	N/A

3 Summary of Test Results

The following result table represents the list of measurements required under the FCC CFR47 §15.407 (h) & RSS 247 §6.3, and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v02. This report is to update from KDB: 905462 D02 UNII DFS Compliance Procedures Old rules v01 to KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v02.

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) & RSS 247 §6.3, and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v02.

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

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

Table 2: Applicability of DFS requirements during normal operation

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

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

Table 3: Interference Threshold for Master and Client with Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2 and 3)
EIRP≥ 200 milliwatt	-64 dBm
EIRP< 200 milliwatt and power spectral density < 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: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

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

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

Table 5: Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (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

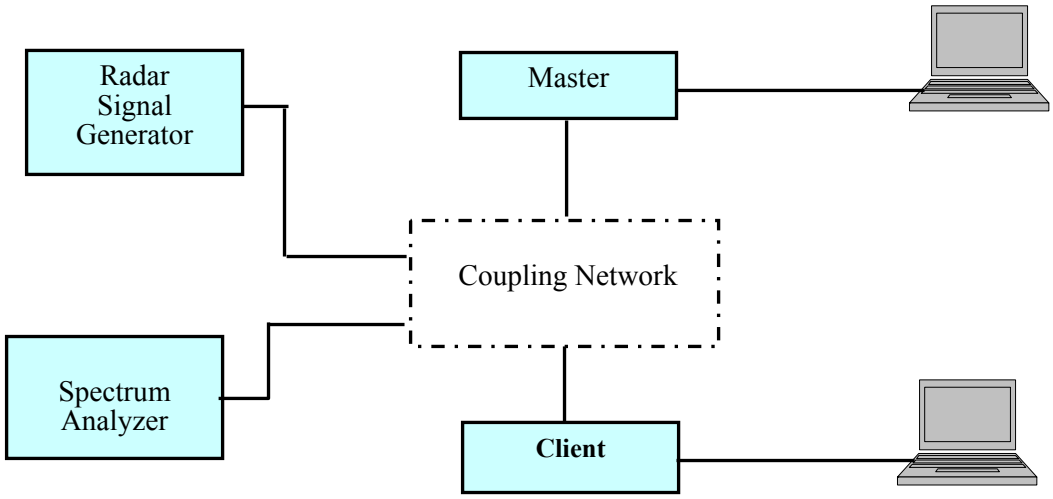
Table 7: Frequency Hopping Radar Test Signal

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

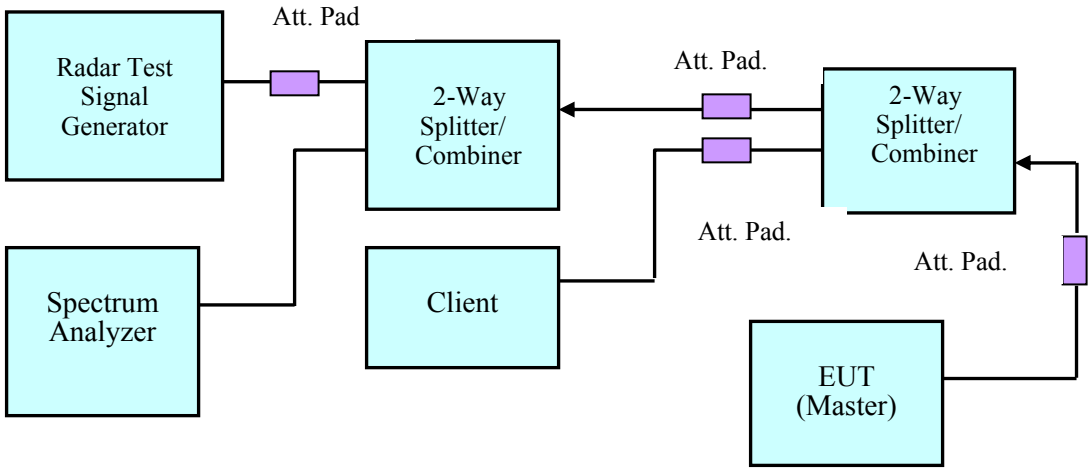
4.2 DFS Measurement System

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

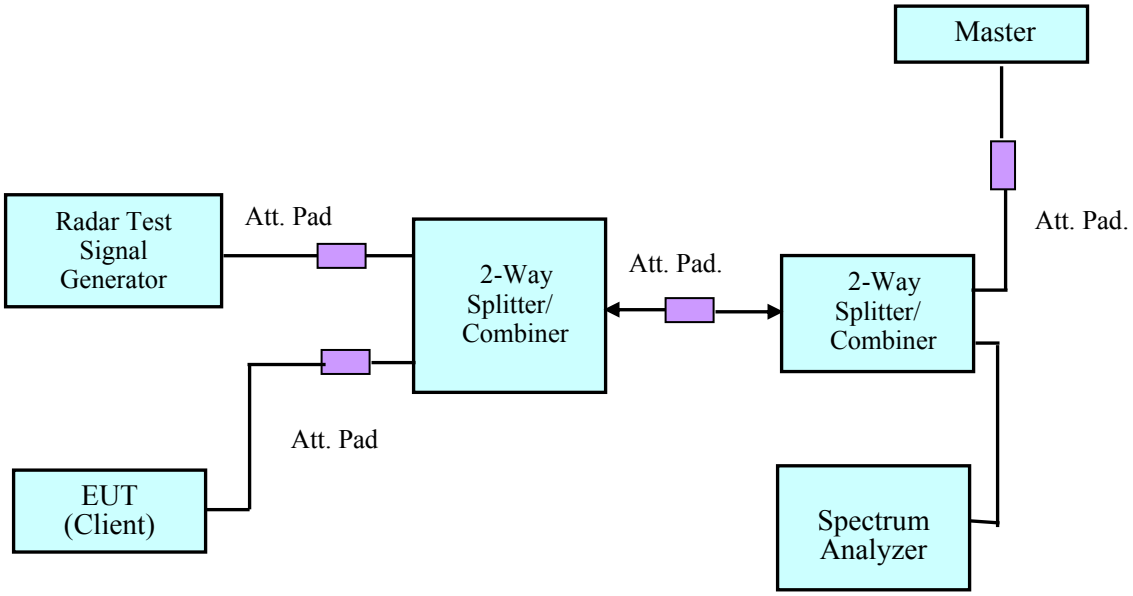
4.3 System Block Diagram



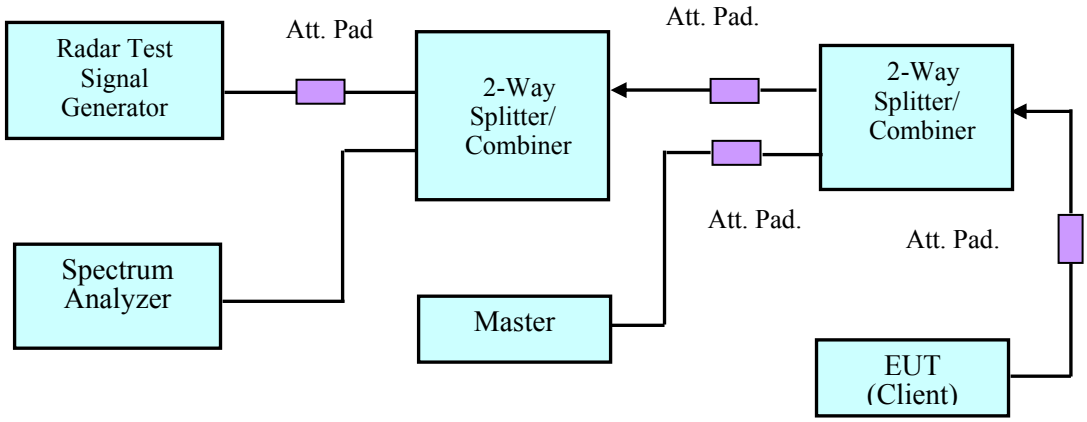
4.4 Conducted Method



Setup for Master with injection at the Master

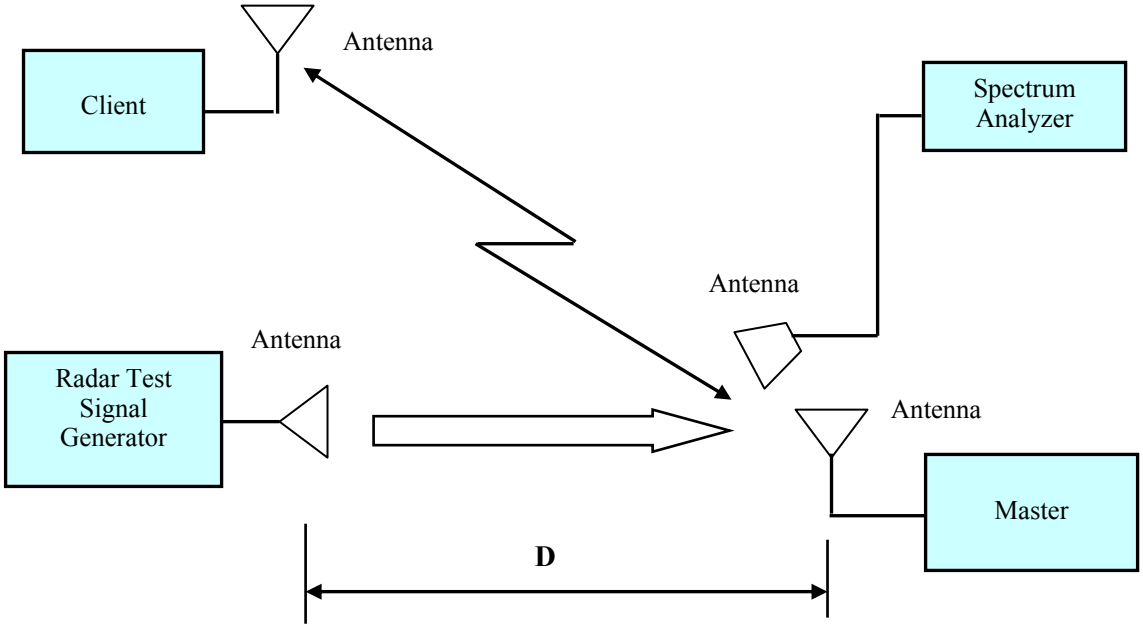


Setup for Client with injection at the Master



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 rated output power of EUT is > 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 6.3dBi gain antenna.

5.2 Antenna Description

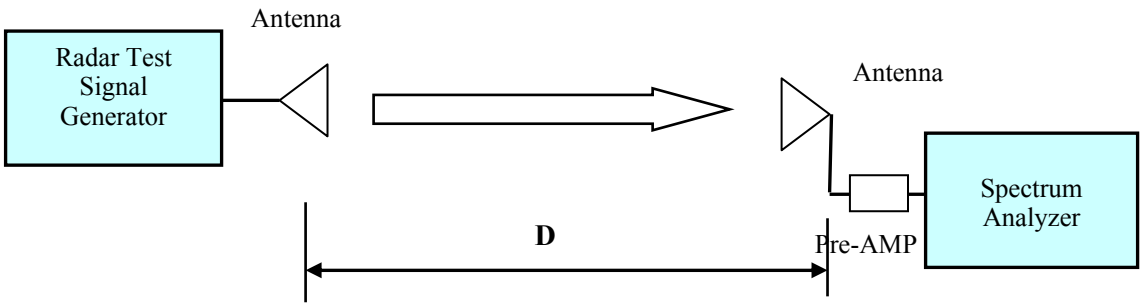
Antenna Type	Antenna Gain (dBi) @ 5 GHz
Dipole	6.3

5.3 Test Equipment List and Details

Manufacturer	Equipment Description	Model	S/N	Calibration Date	Calibration Interval
National Instruments	NI PXI-1042 8-Slot chassis	PXI-1042	V08X01EE1	N/A	N/A
National Instruments	Arbitrary Waveform Generator	PXI-5421	N/A	N/A	N/A
National Instruments	RF Upconverter	PXI-5610	N/A	N/A	N/A
ASCOR	Upconverter	AS-7206	N/A	N/A	N/A
Agilent	Analyzer, Spectrum	E4440A	US45303156	2016-01-19	1 year
A.R.A.	Antenna Horn	DRG-118/A	1132	2016-01-29	2 years
EMCO	Antenna Horn	3115	9511-4627	2015-10-17	2 years
Mini-Circuits	Splitter/Combiner	2FSC-2-10G	0349	N/A	N/A
Narda	Splitter/Combiner	4326B-2	03514	N/A	N/A
Midwest	Attenuator	290-30	N/A	N/A	N/A
Mini-Circuits	Attenuator	BW-S30W2	N/A	N/A	N/A

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

5.4 Radar Waveform Calibration



Radiated Calibration Setup Block Diagram

5.5 Test Environmental Conditions

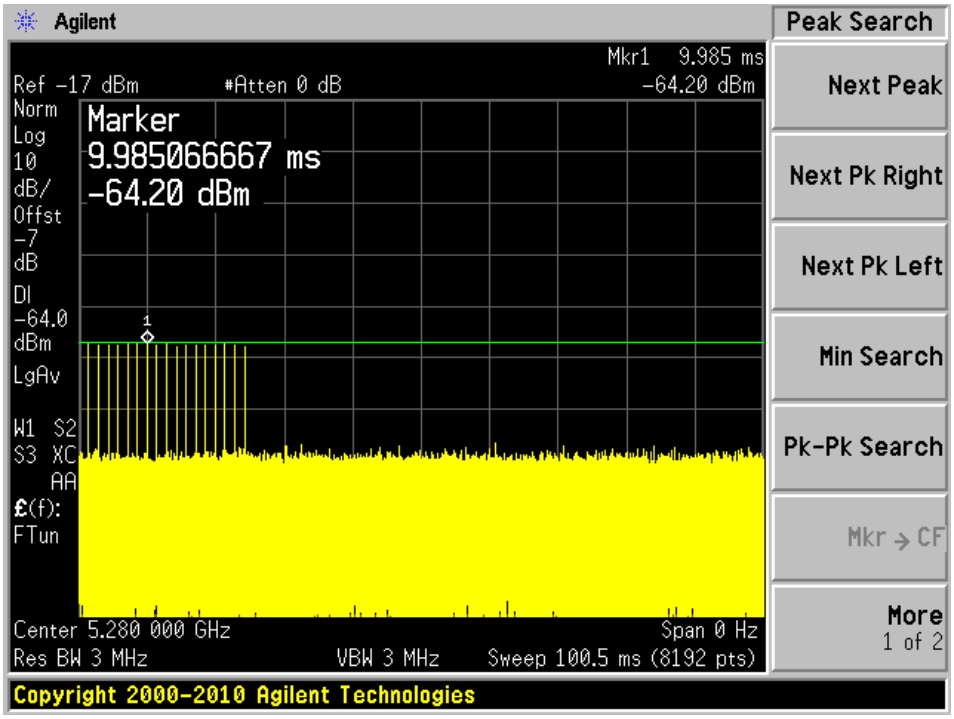
Temperature:	23-25° C
Relative Humidity:	38-40 %
ATM Pressure:	101.5 kPa

Testing performed by Xiao Lin from 2016-10-17 to 2016-10-21 at DFS testing site.

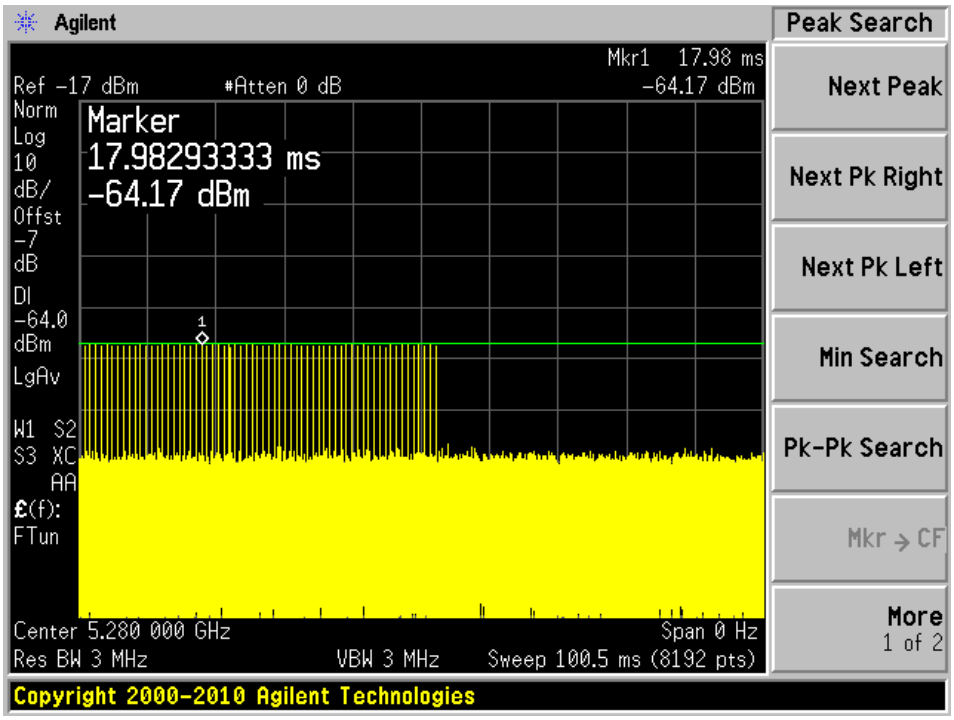
Plots of Radar Waveforms

5280 MHz

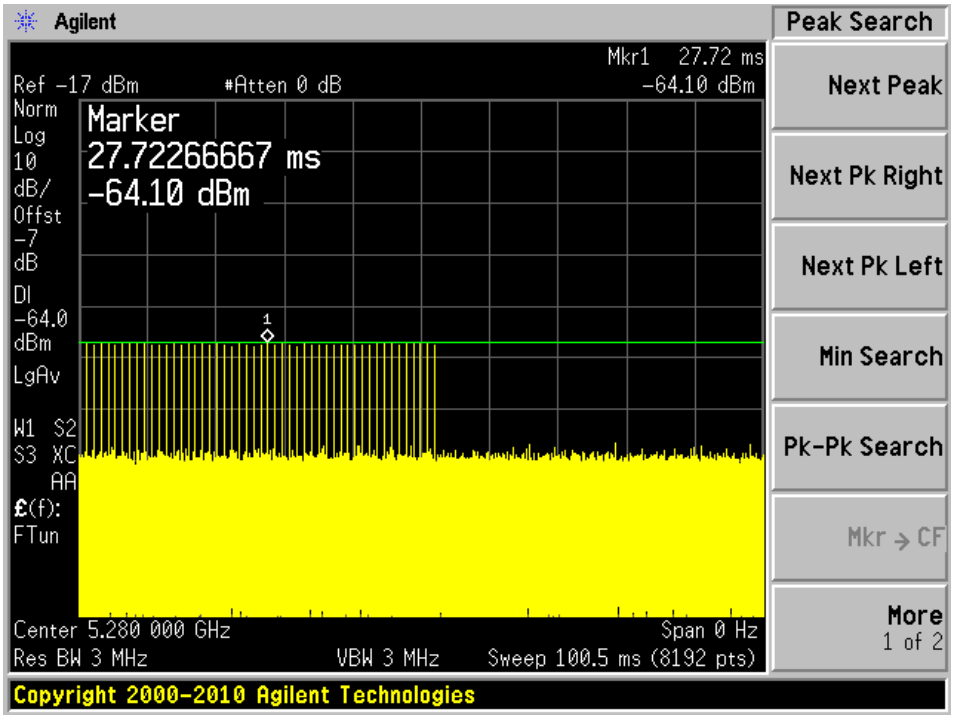
Radar Type 0



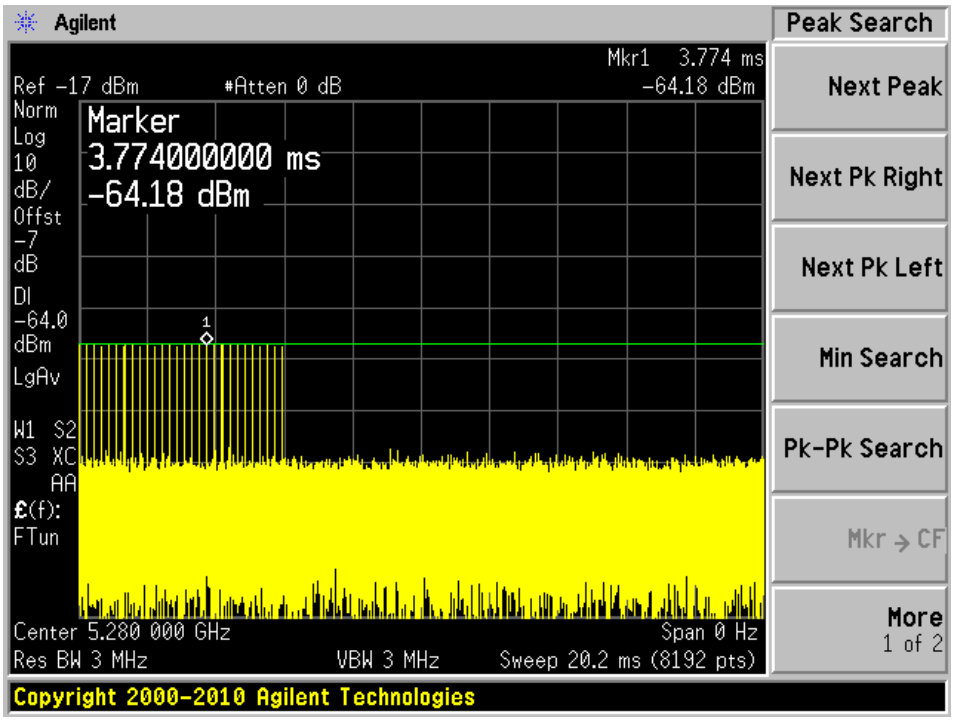
Radar Type 1A



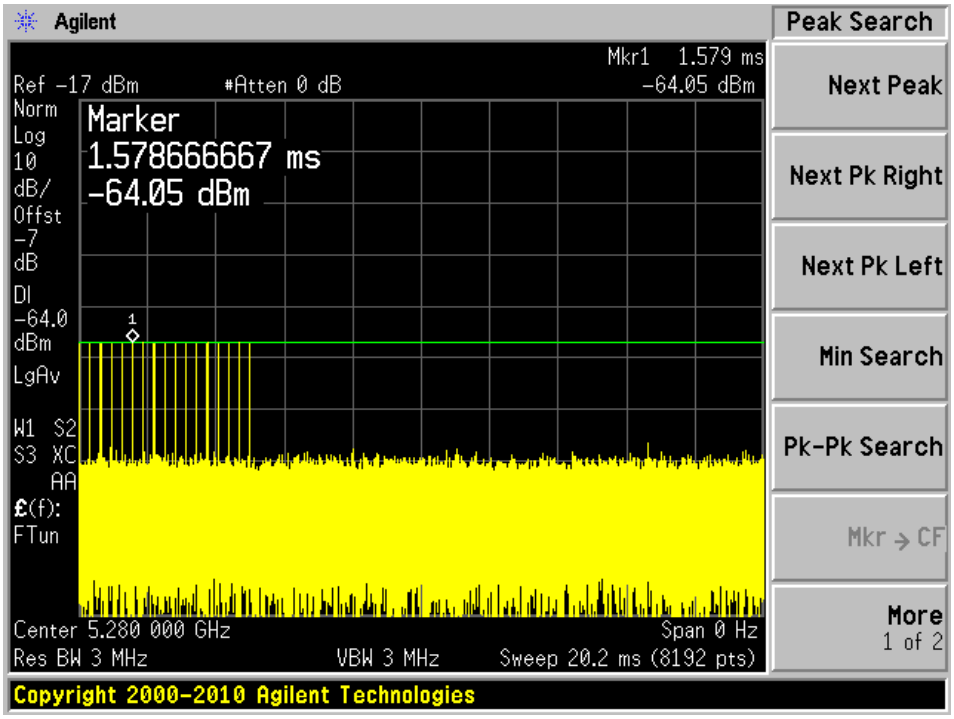
Radar Type 1B



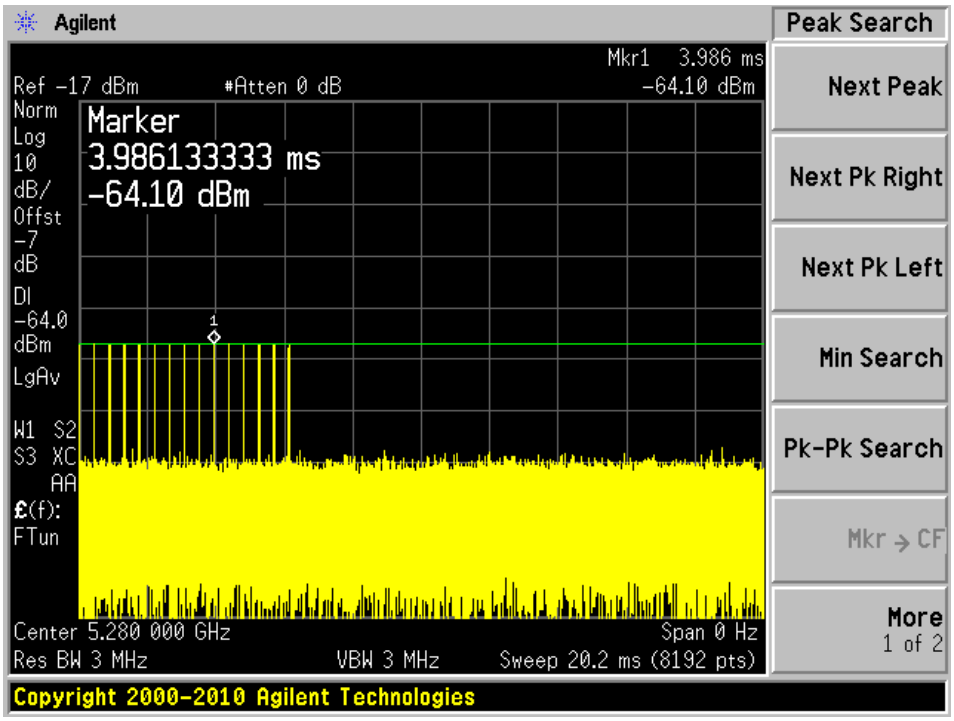
Radar Type 2



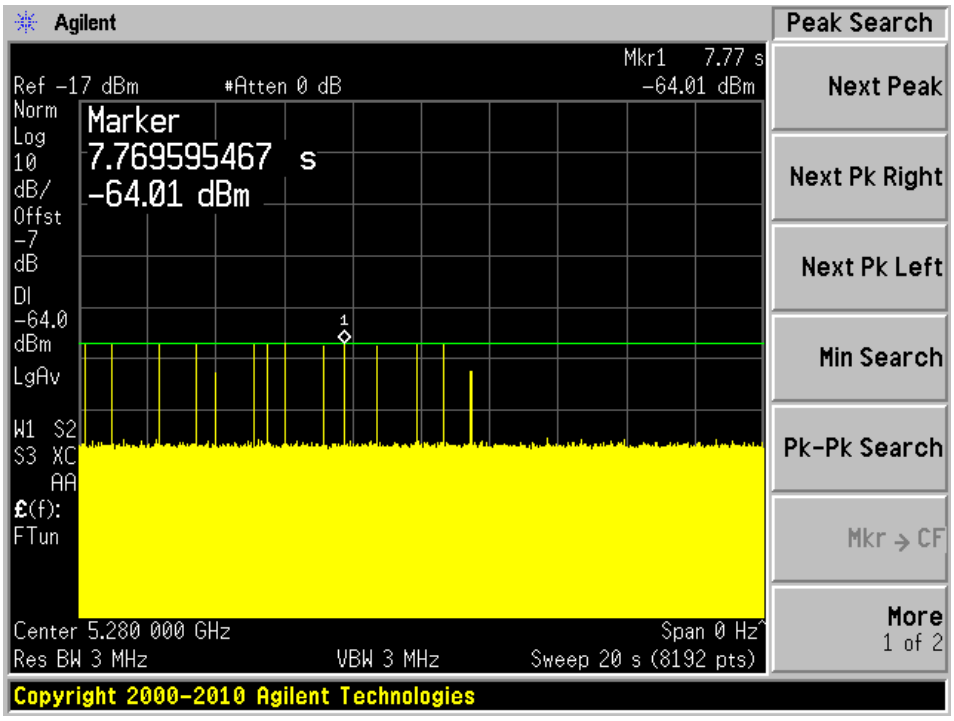
Radar Type 3



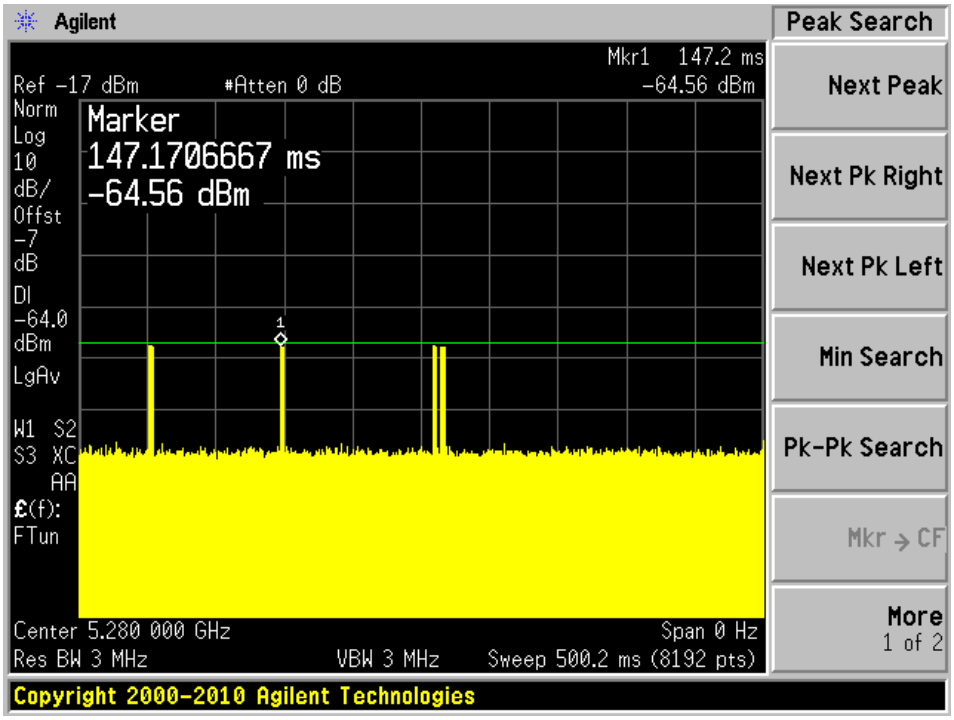
Radar Type 4



Radar Type 5

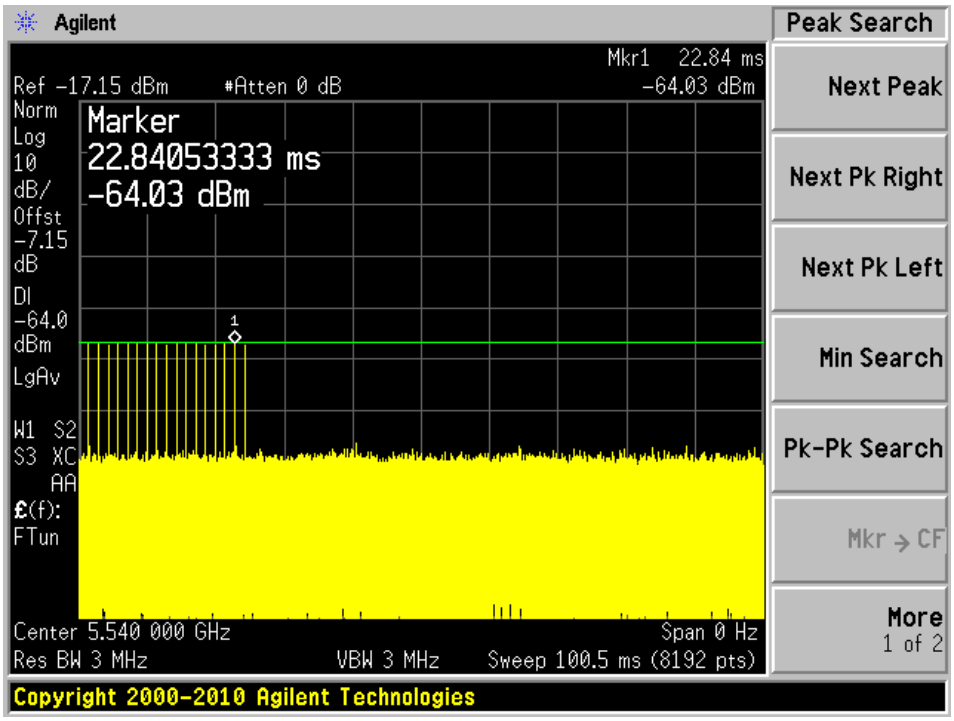


Radar Type 6

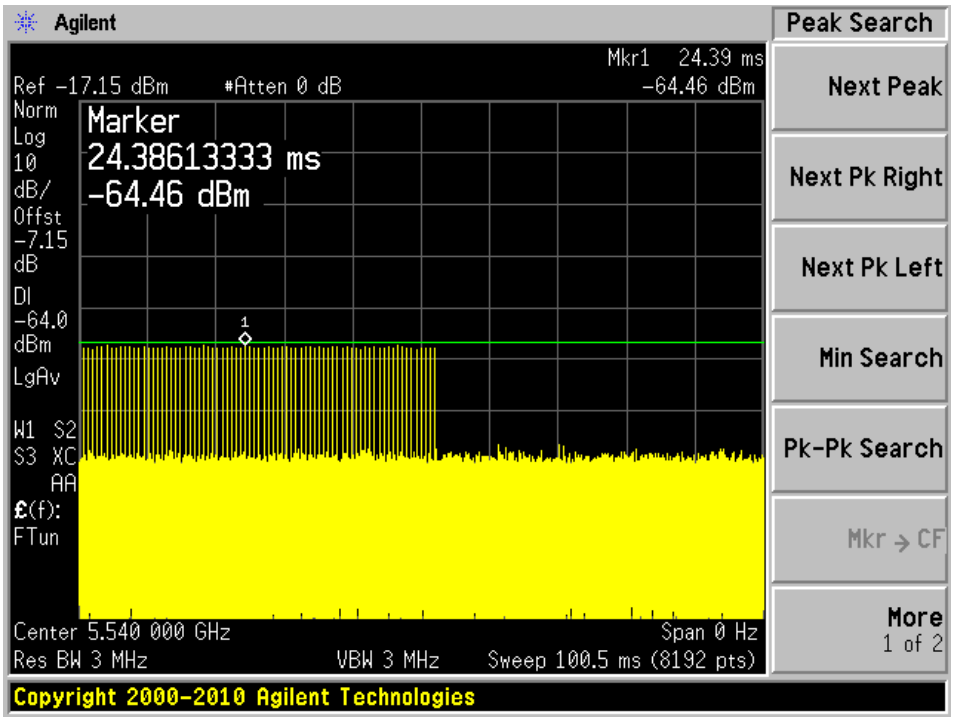


5540 MHz

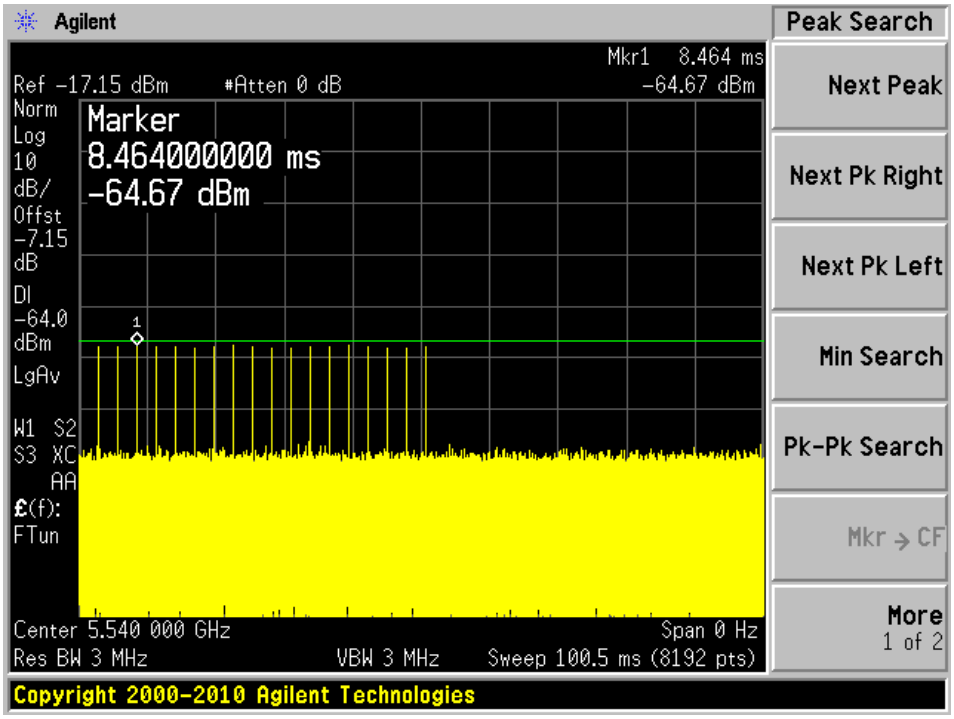
Radar Type 0



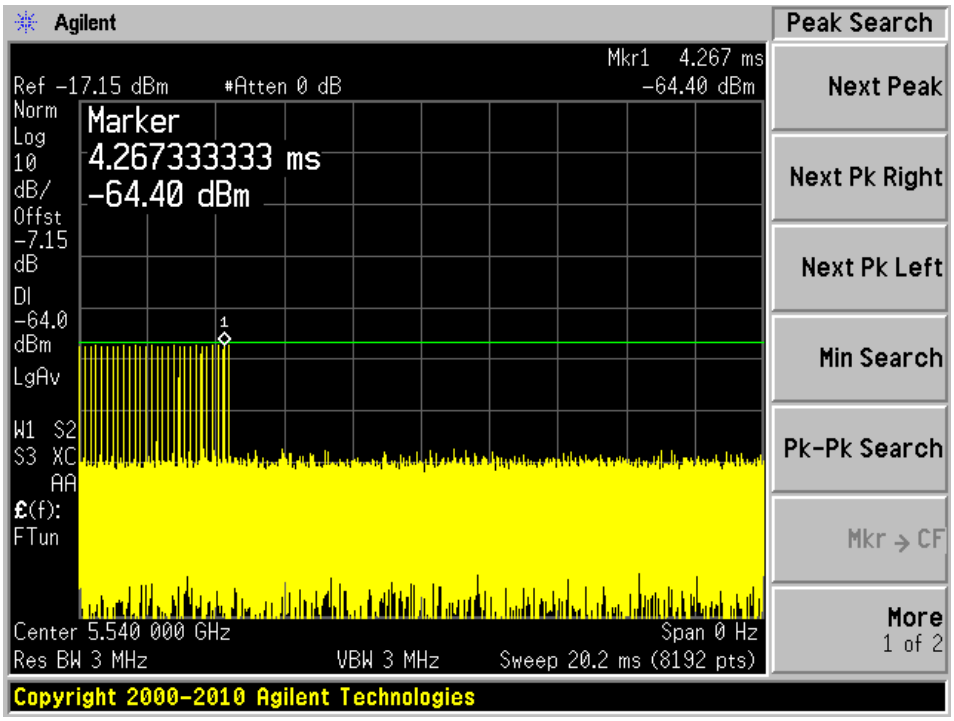
Radar Type 1A



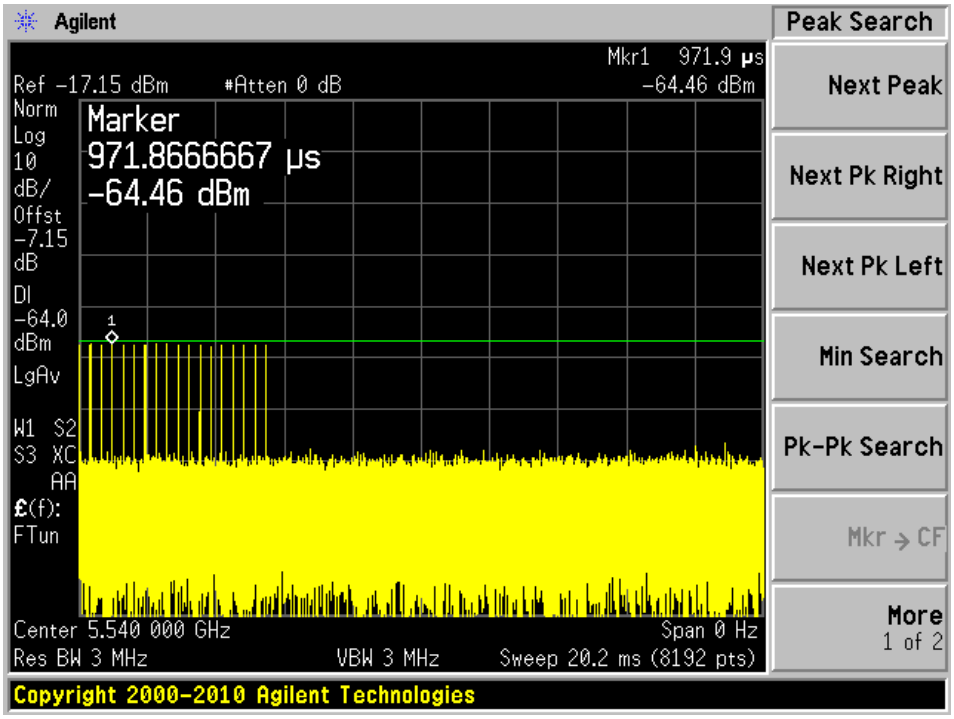
Radar Type 1B



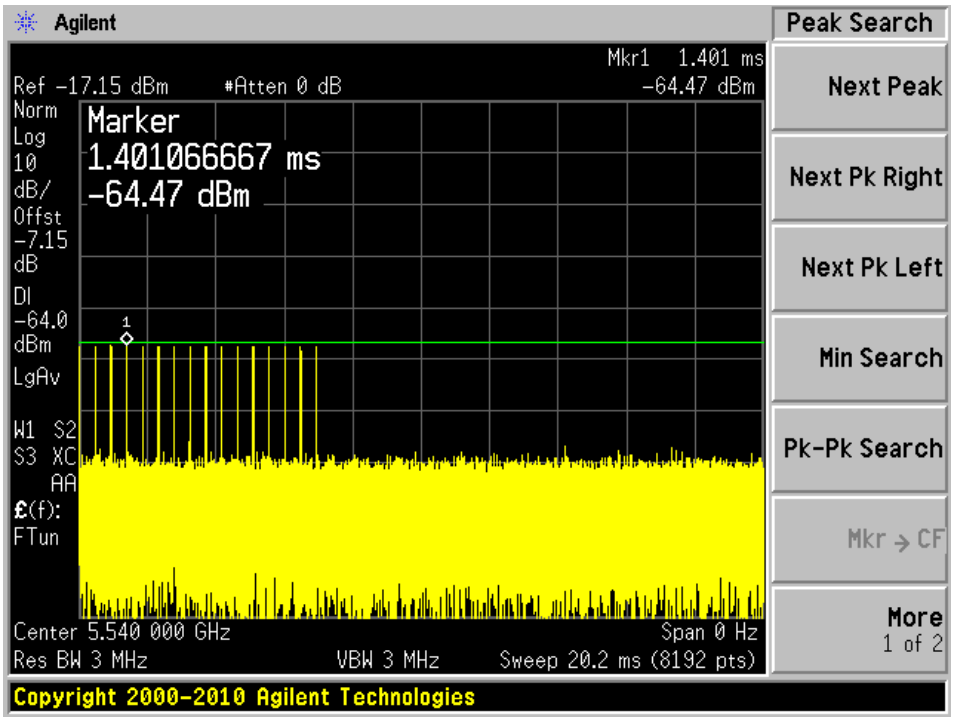
Radar Type 2



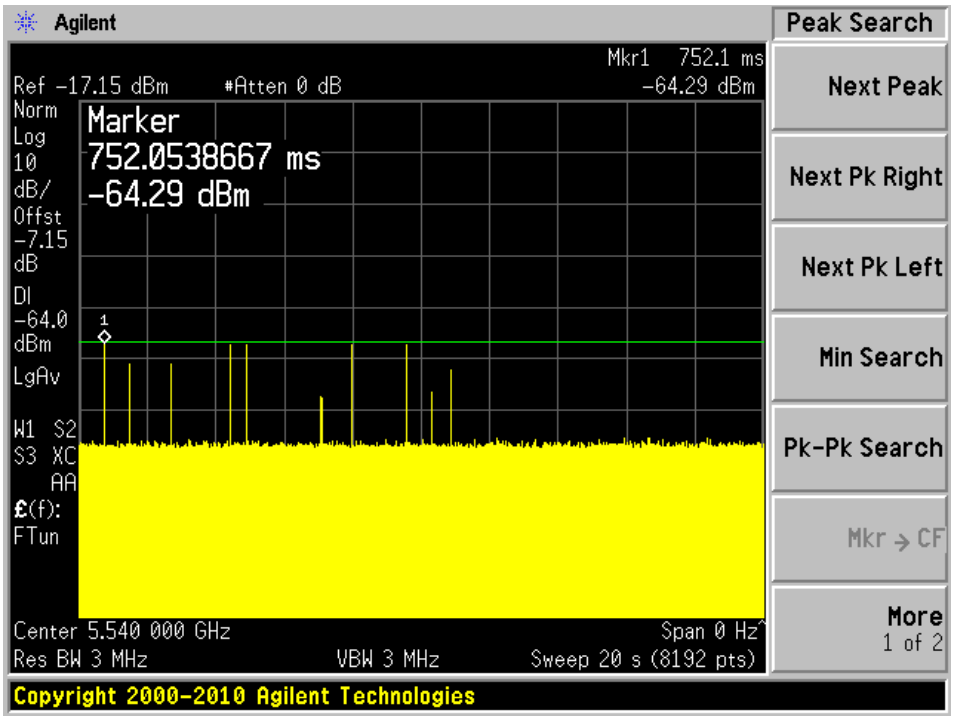
Radar Type 3



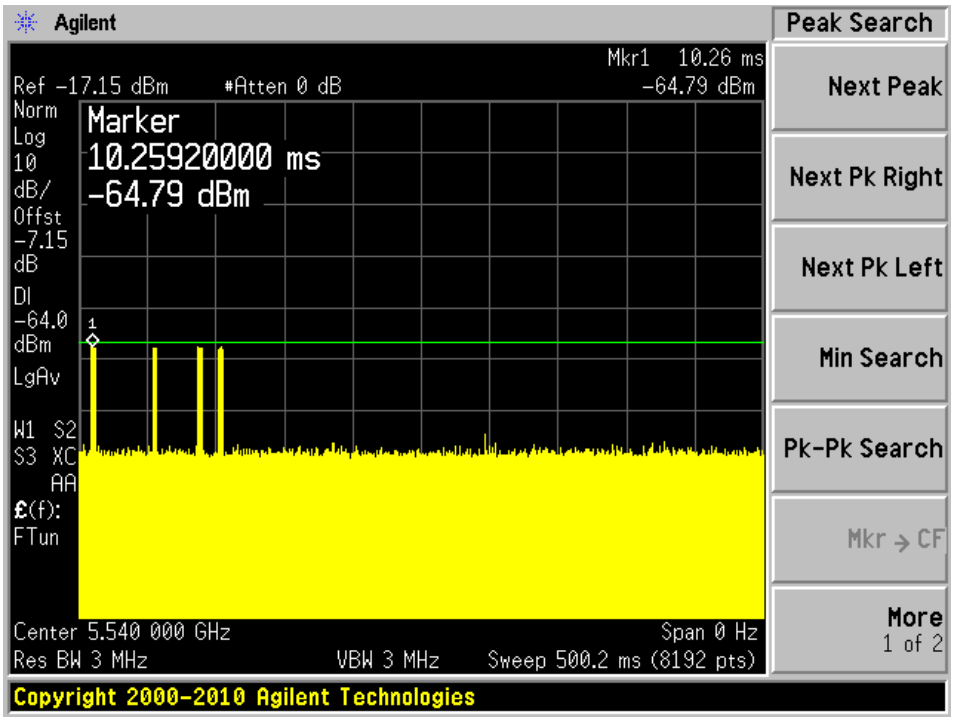
Radar Type 4



Radar Type 5

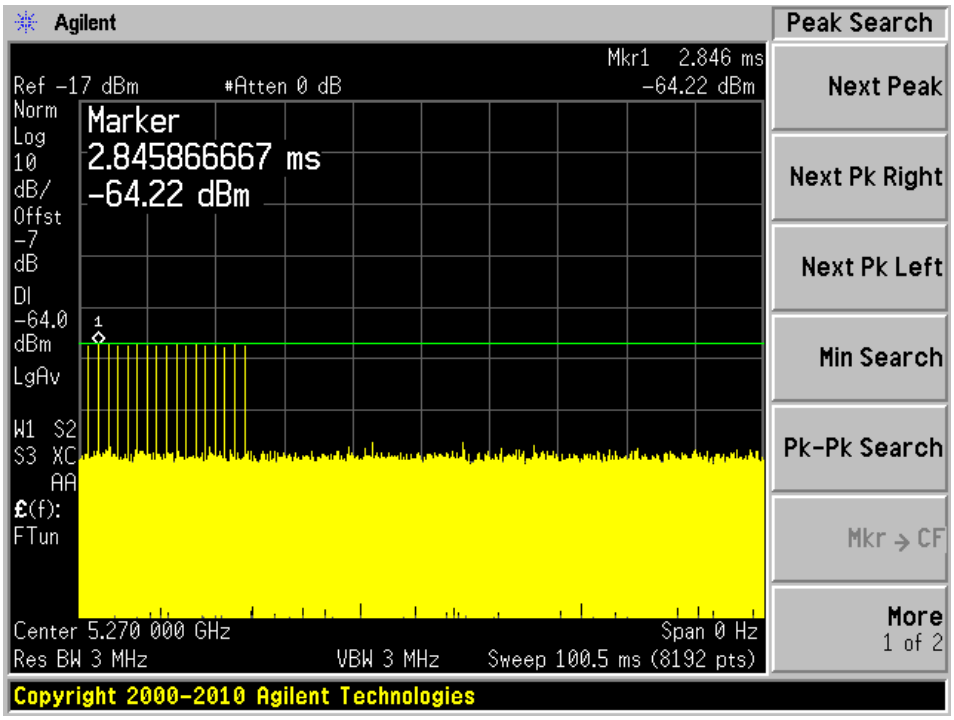


Radar Type 6

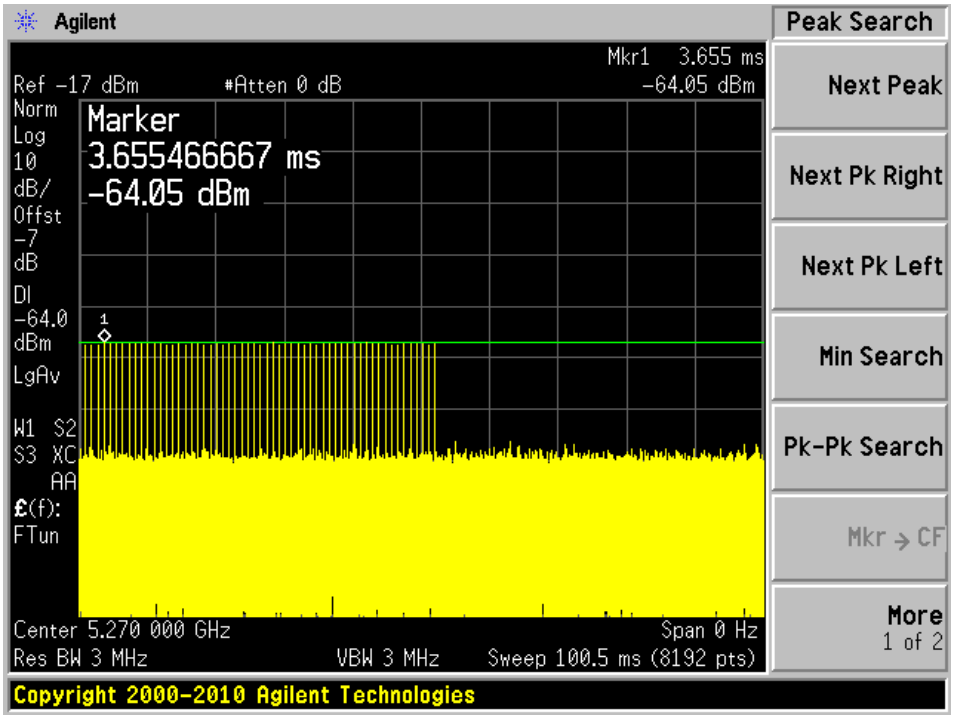


5270 MHz

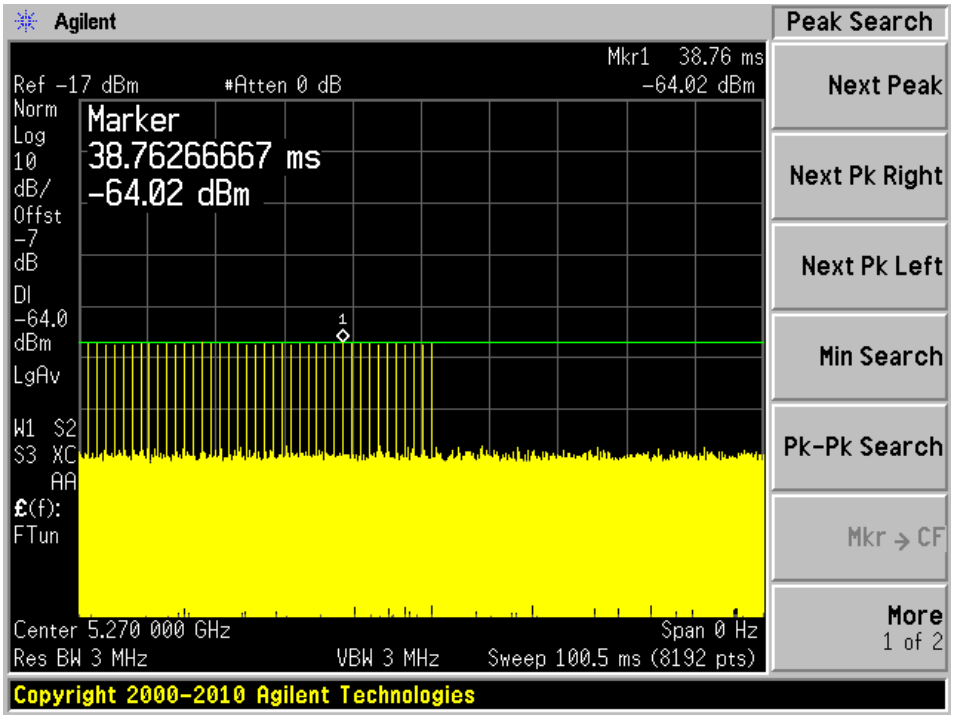
Radar Type 0



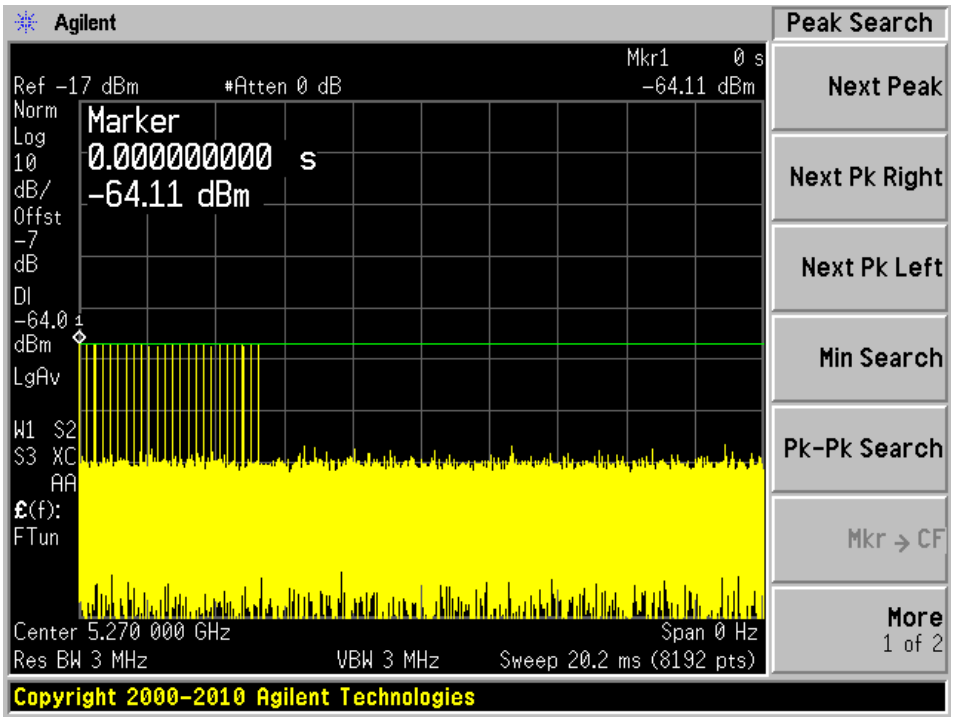
Radar Type 1A



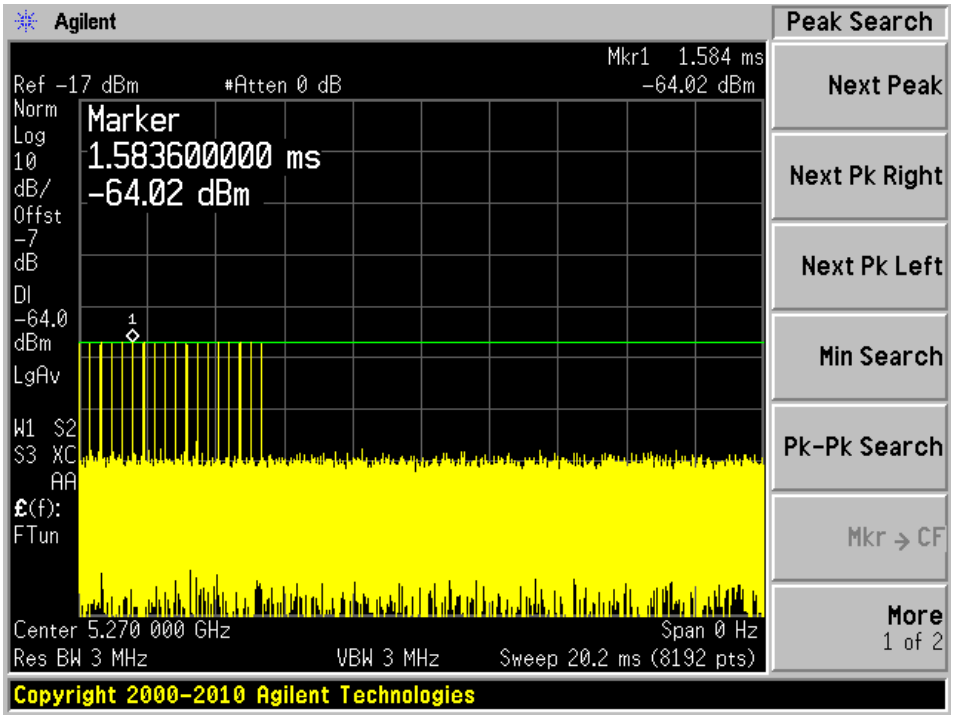
Radar Type 1B



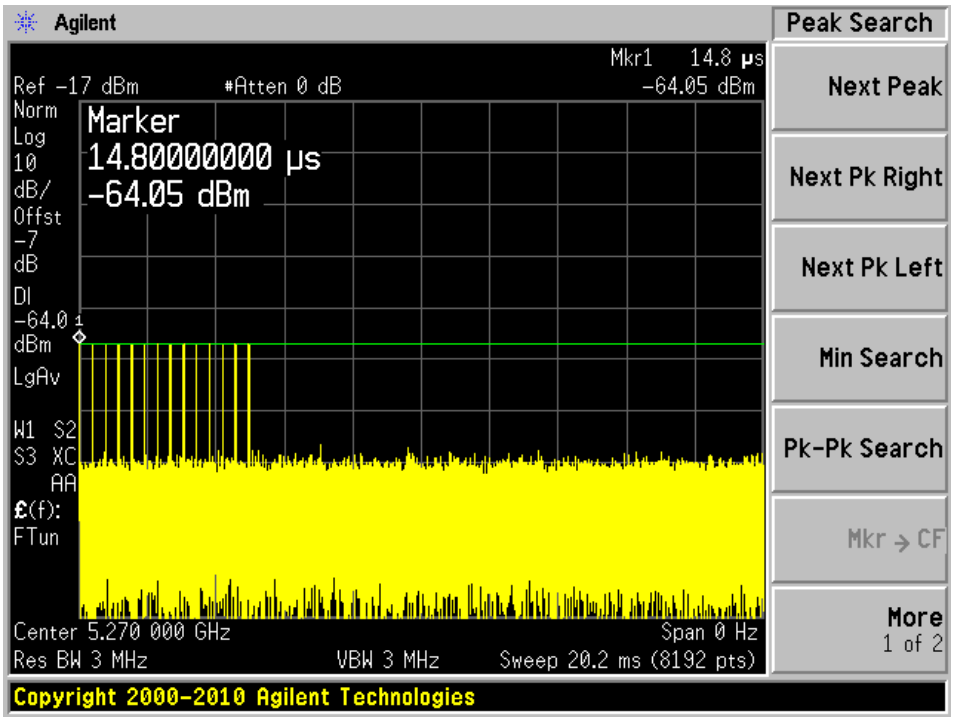
Radar Type 2



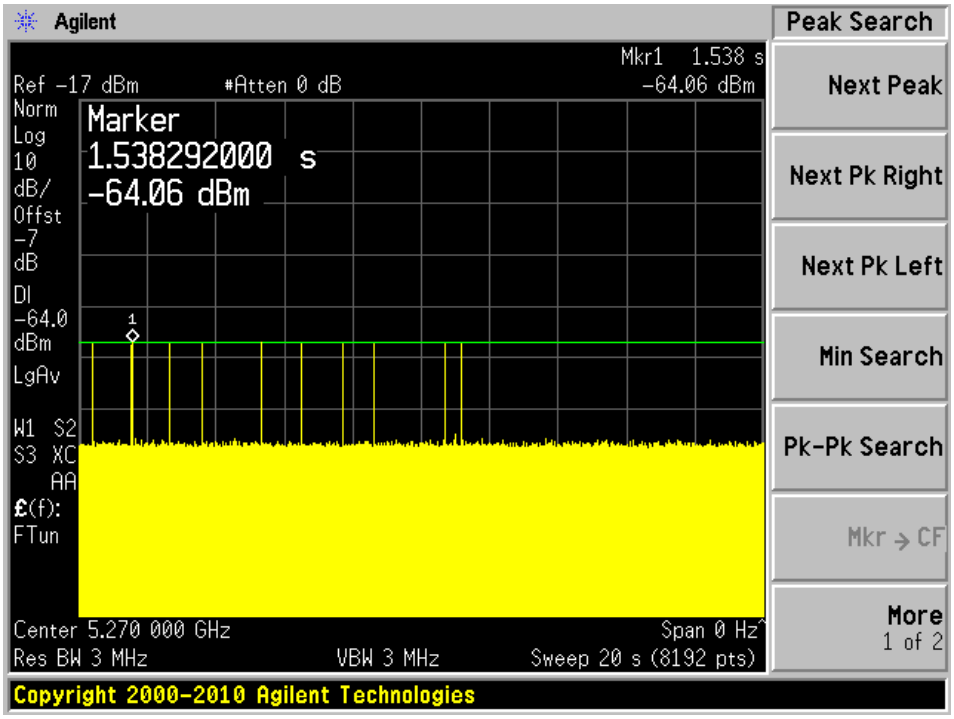
Radar Type 3



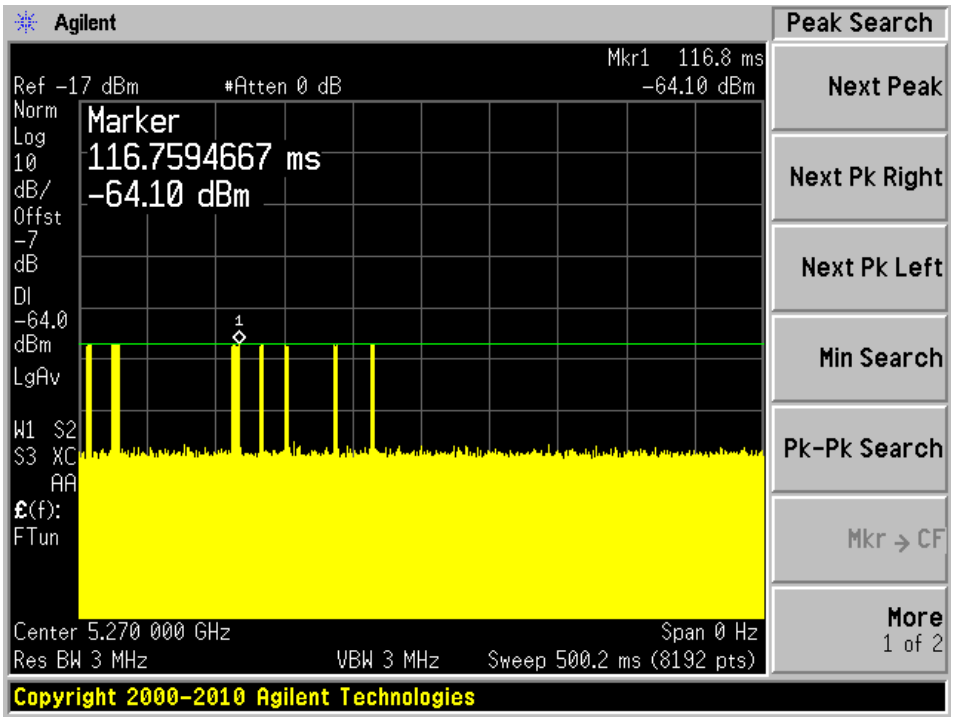
Radar Type 4



Radar Type 5

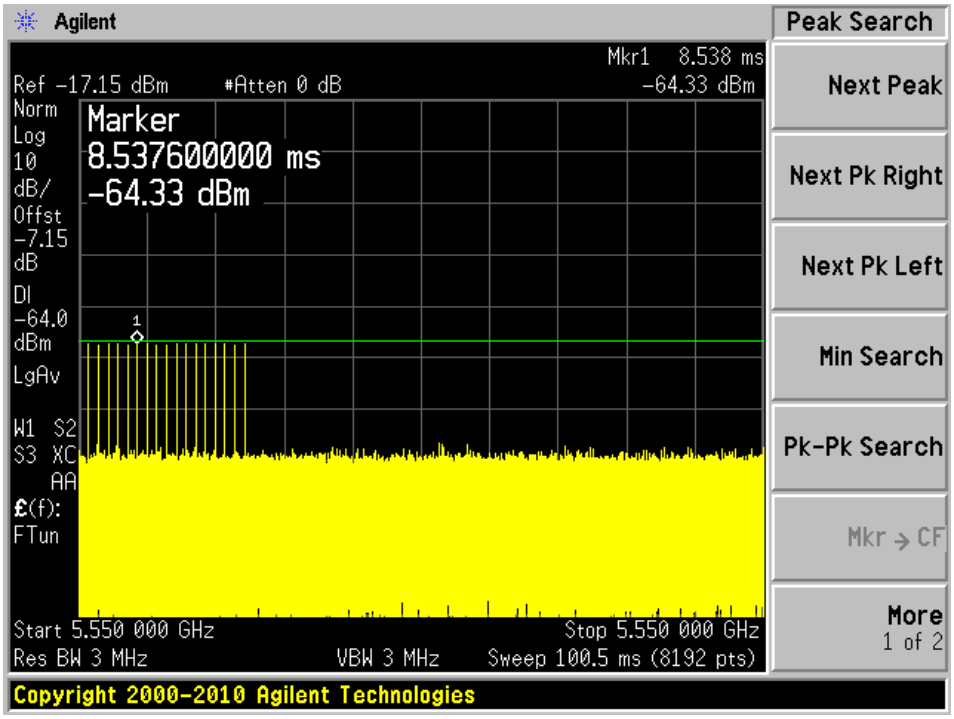


Radar Type 6

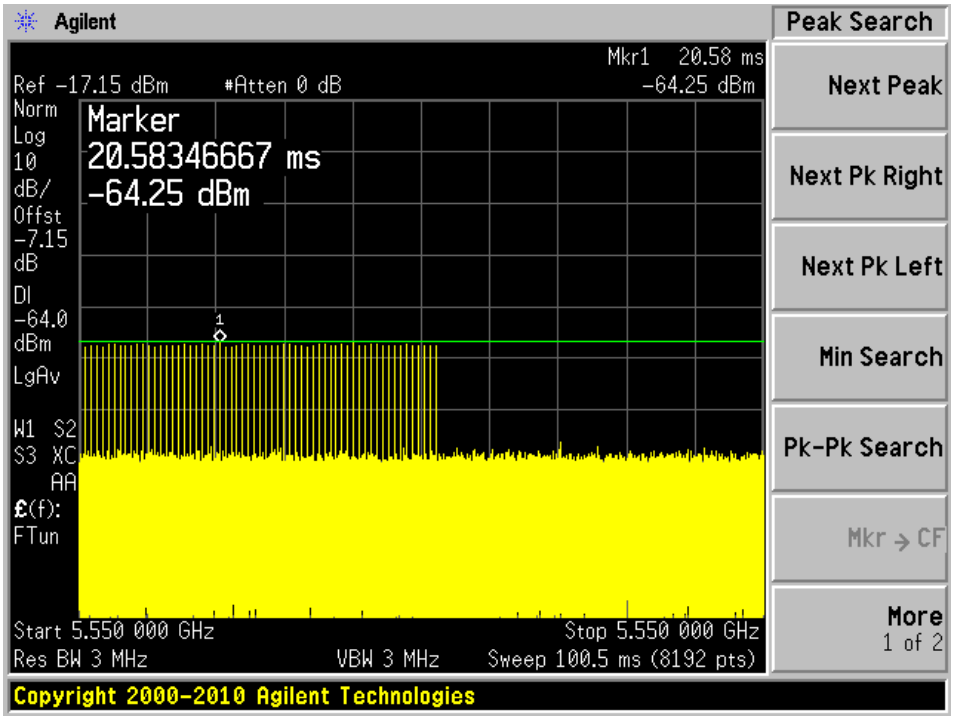


5550 MHz

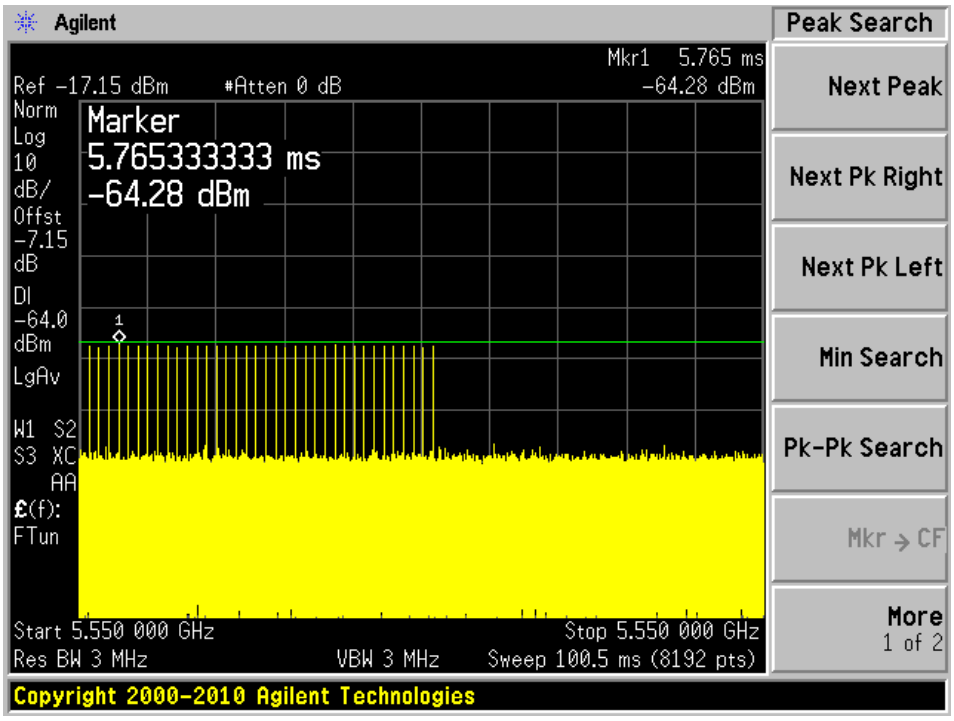
Radar Type 0



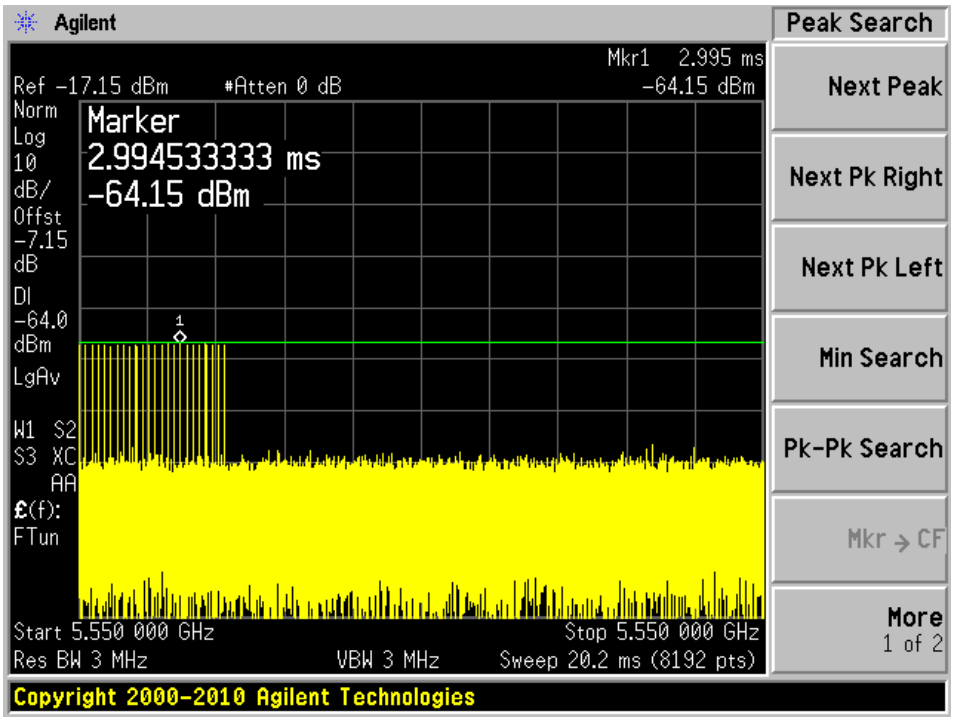
Radar Type 1A



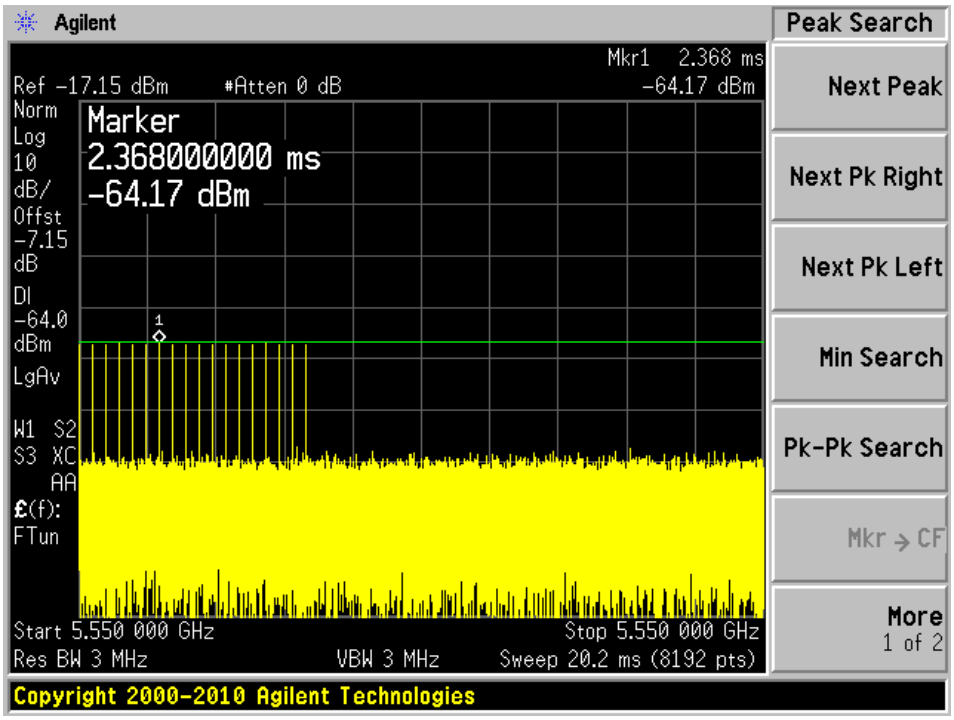
Radar Type 1B



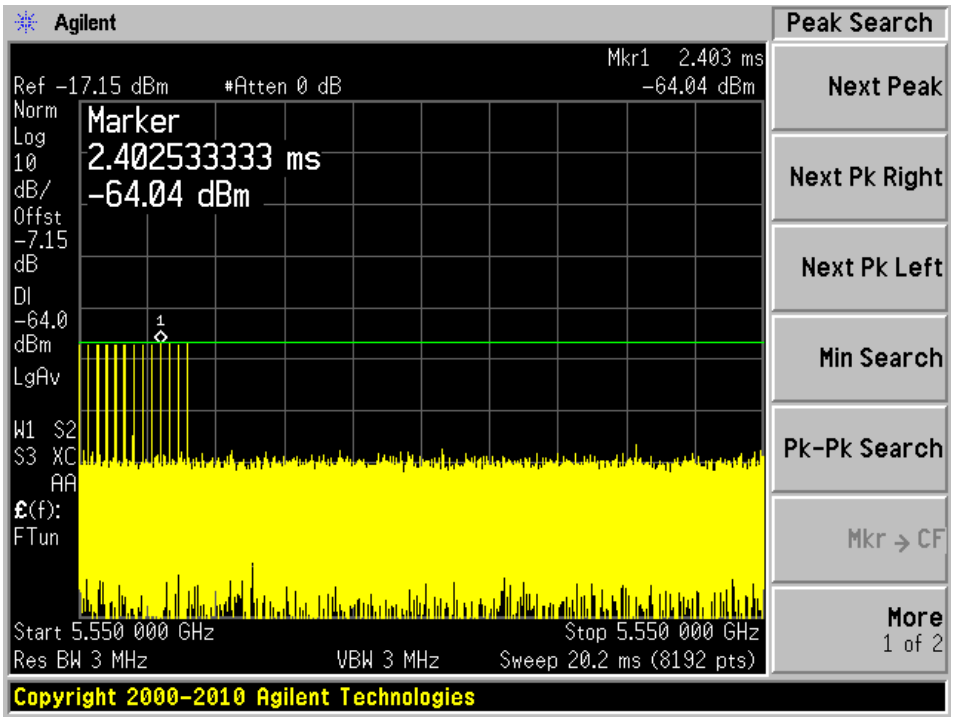
Radar Type 2



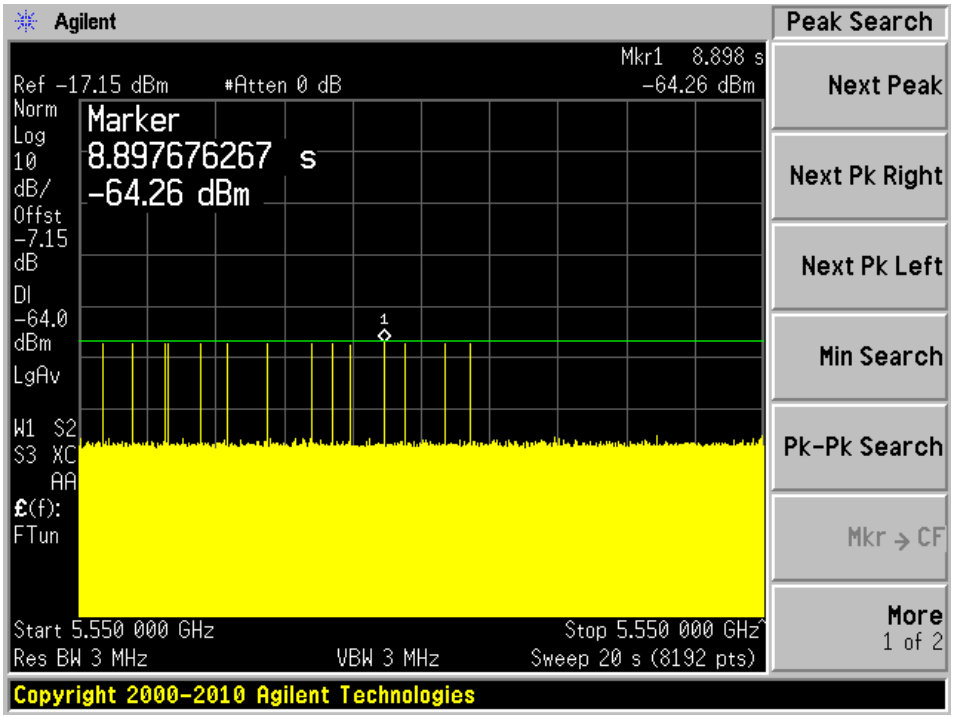
Radar Type 3



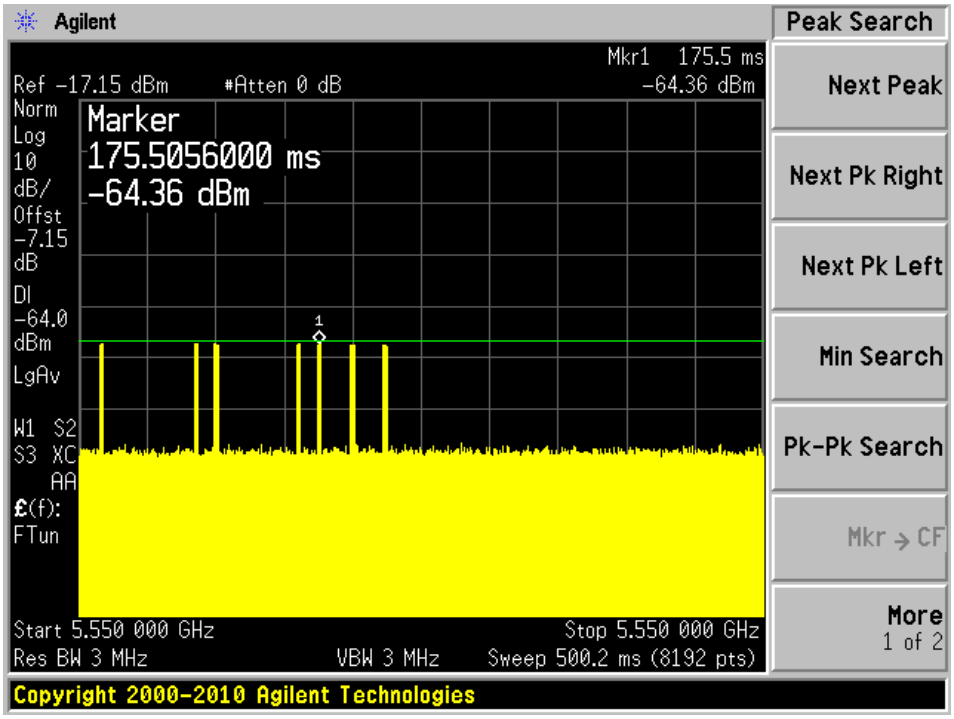
Radar Type 4



Radar Type 5

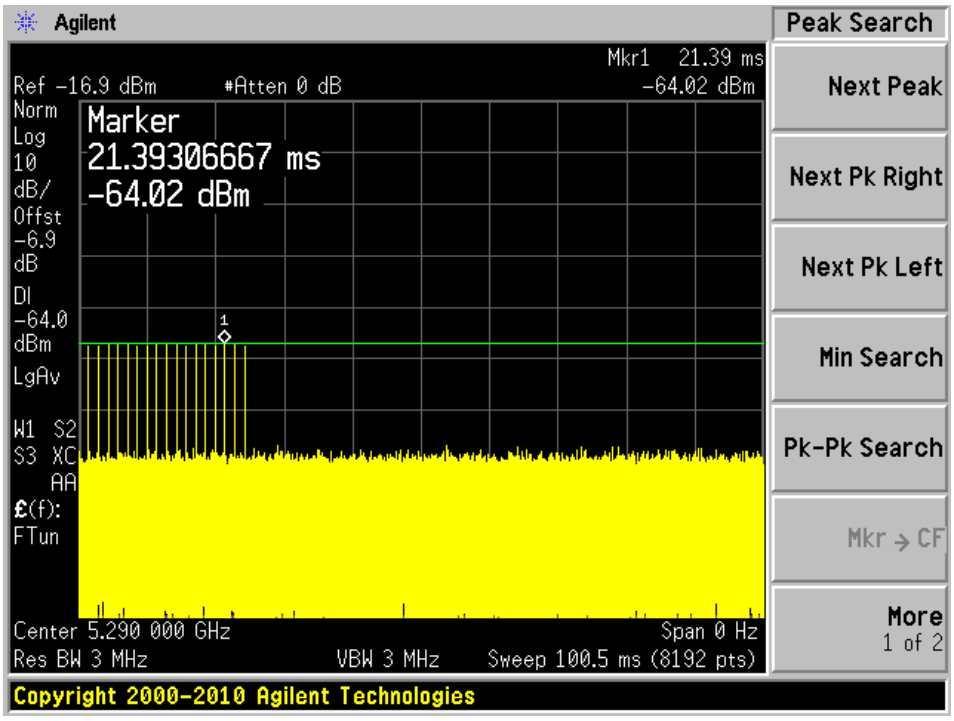


Radar Type 6

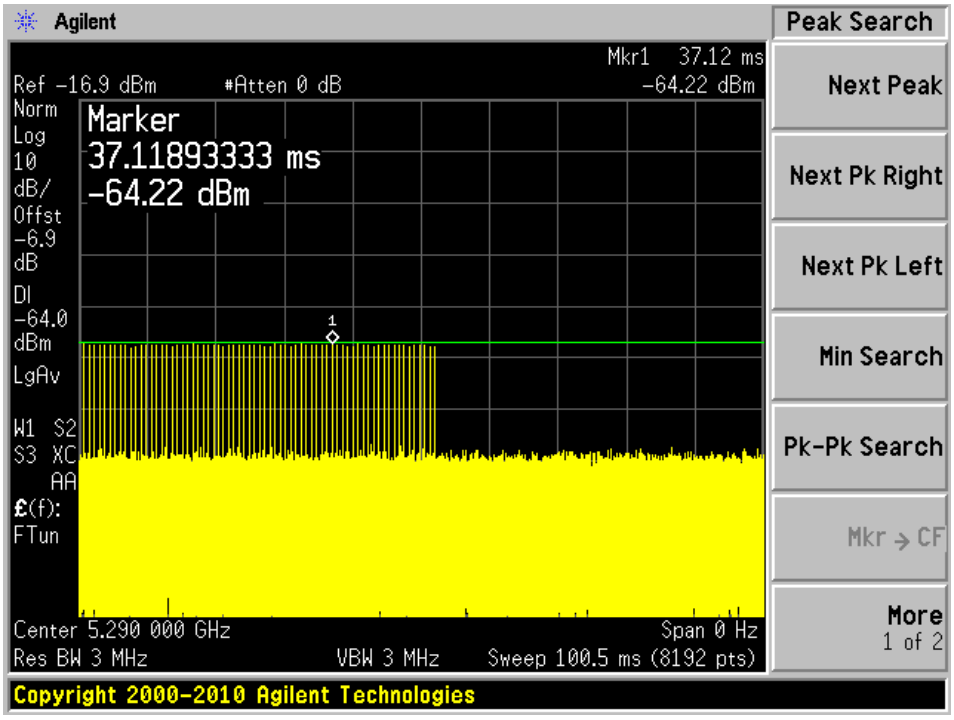


5290 MHz

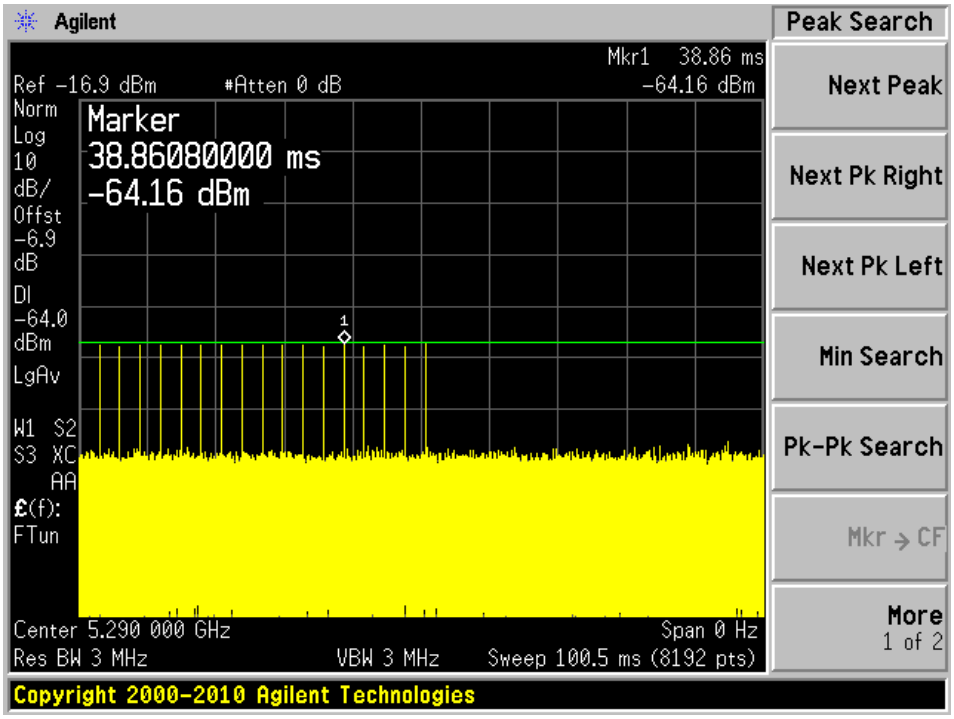
Radar Type 0



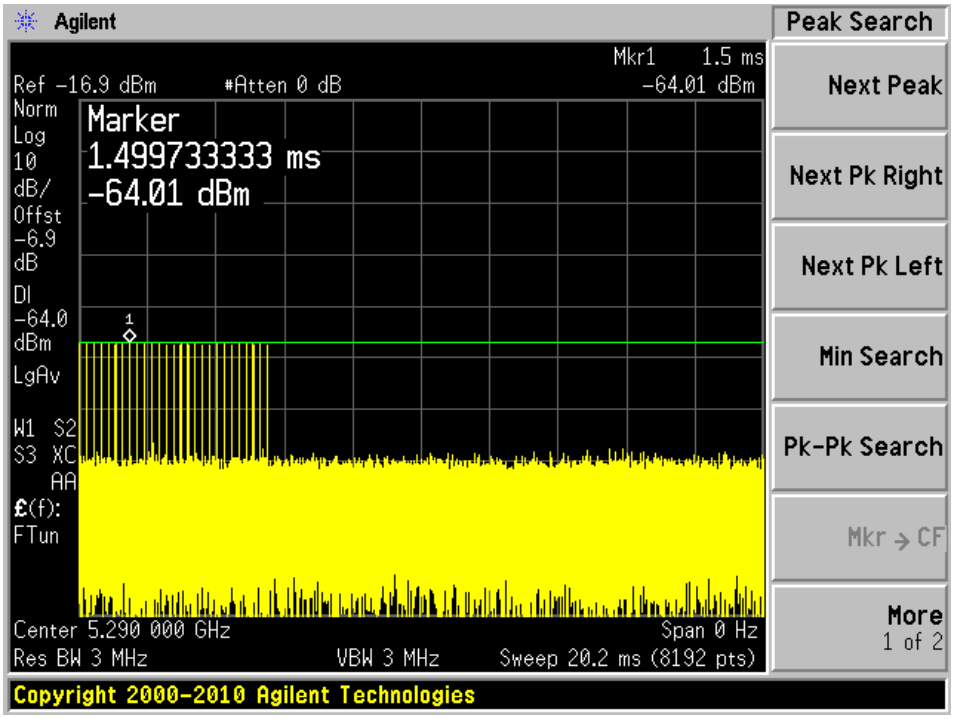
Radar Type 1A



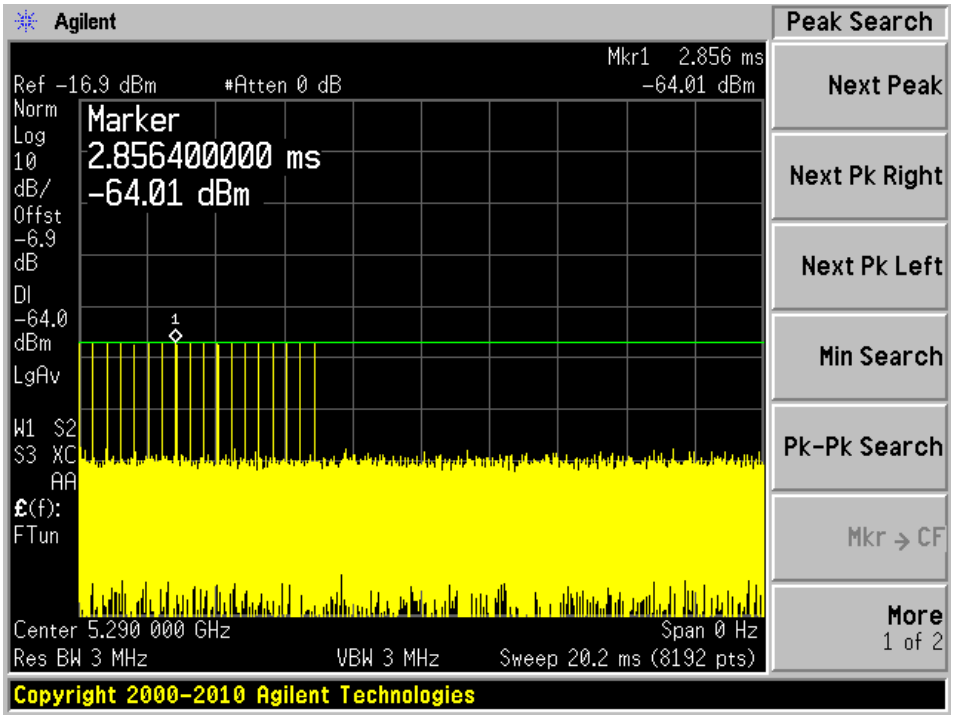
Radar Type 1B



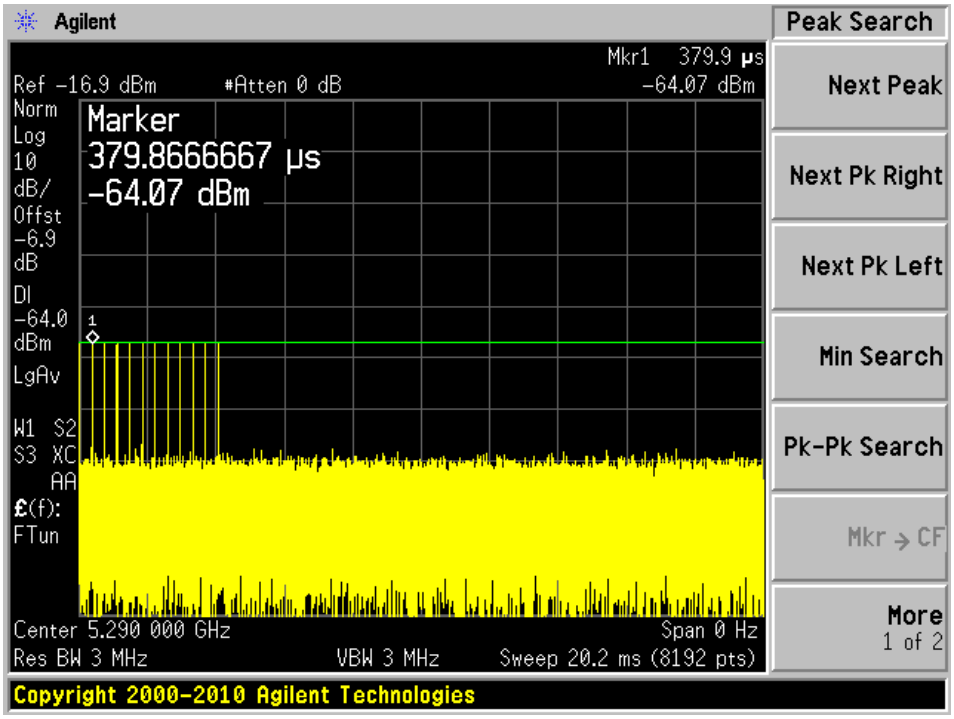
Radar Type 2



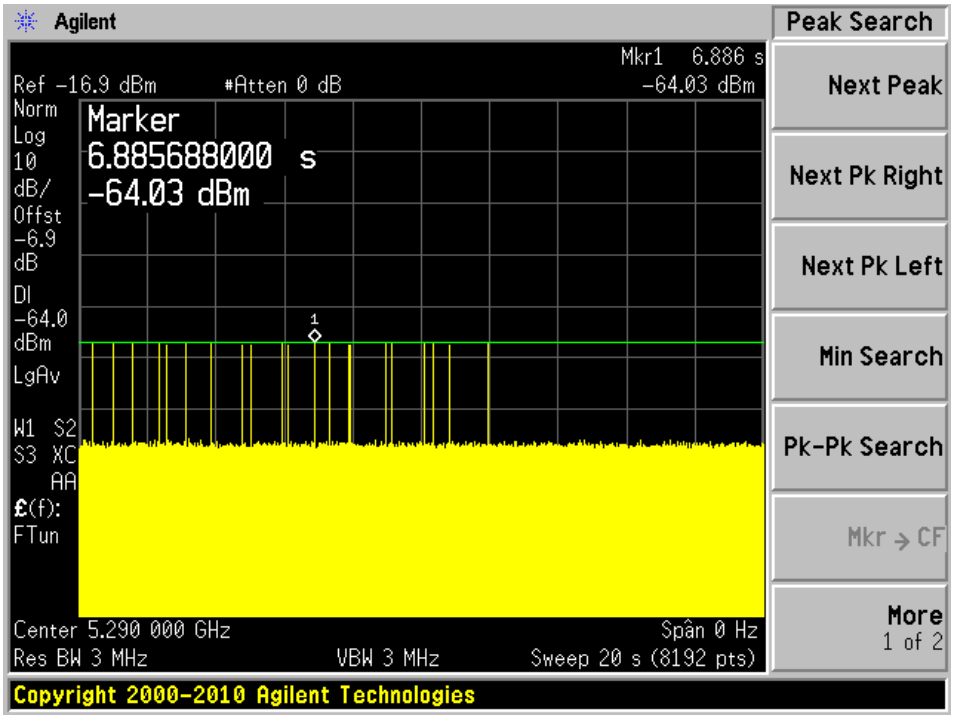
Radar Type 3



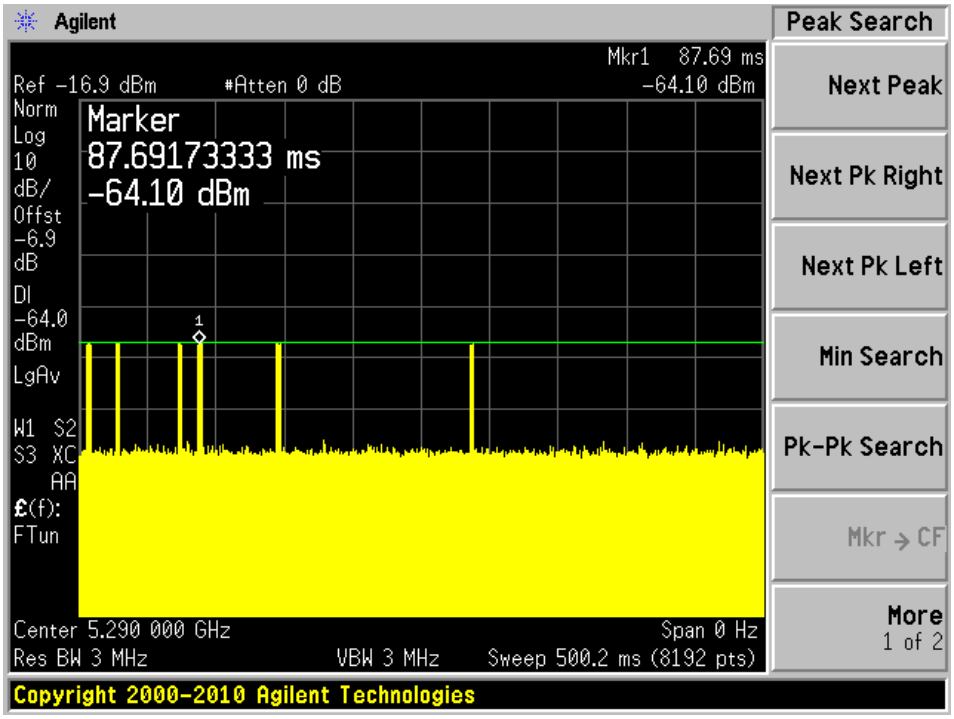
Radar Type 4



Radar Type 5

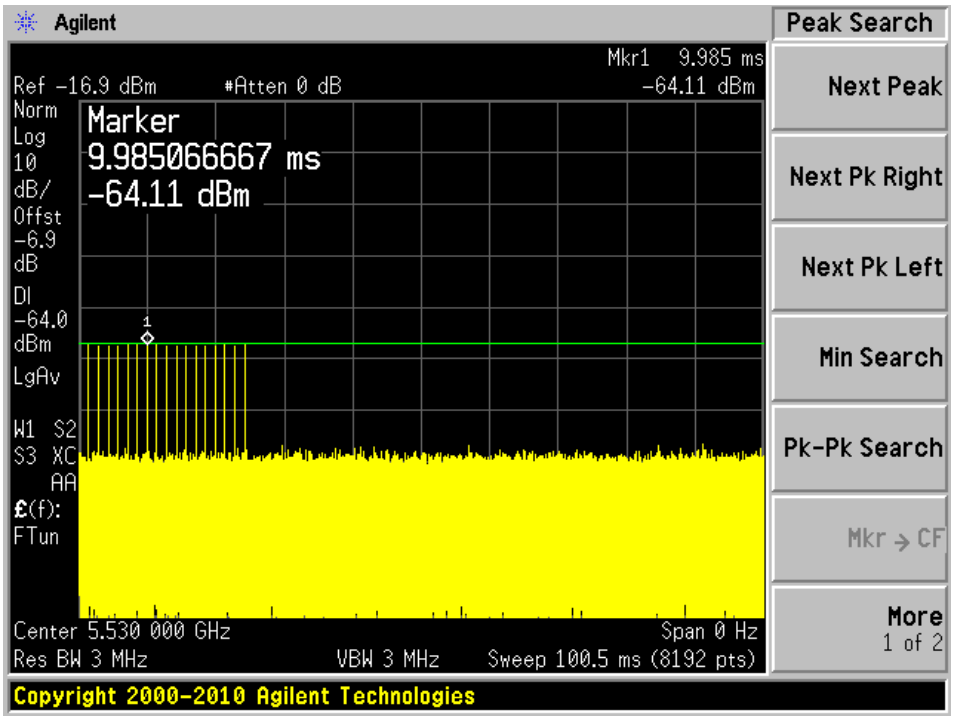


Radar Type 6

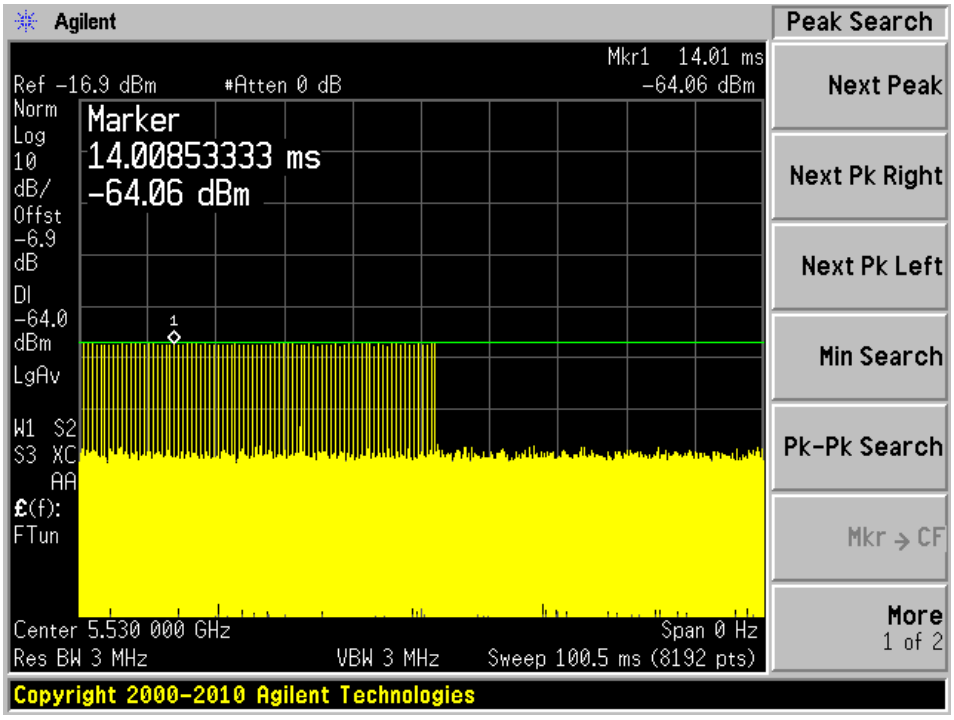


5530 MHz

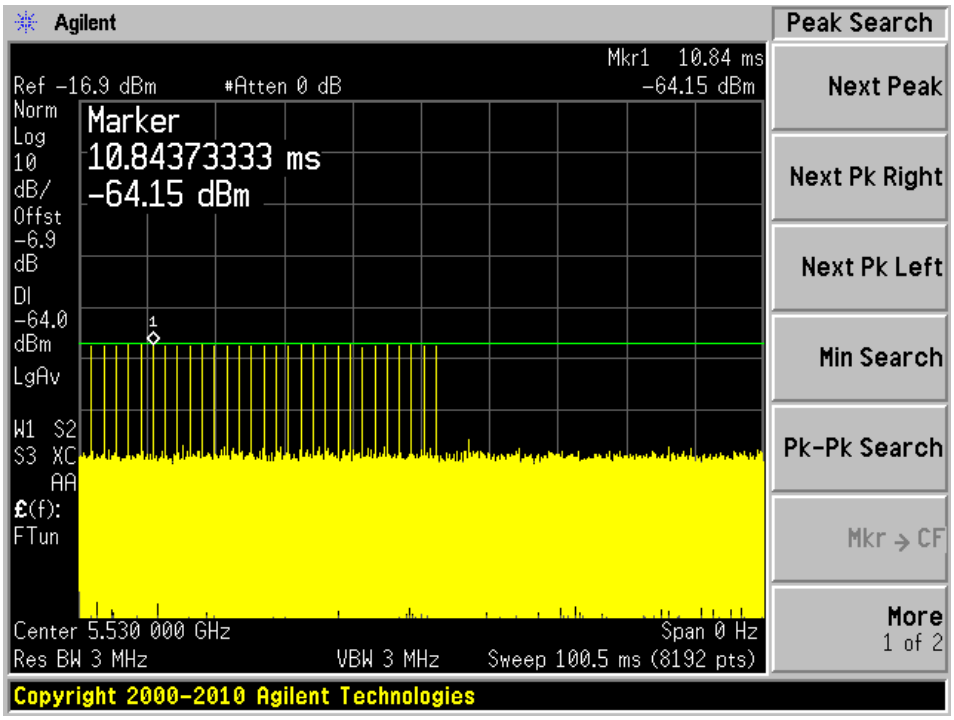
Radar Type 0



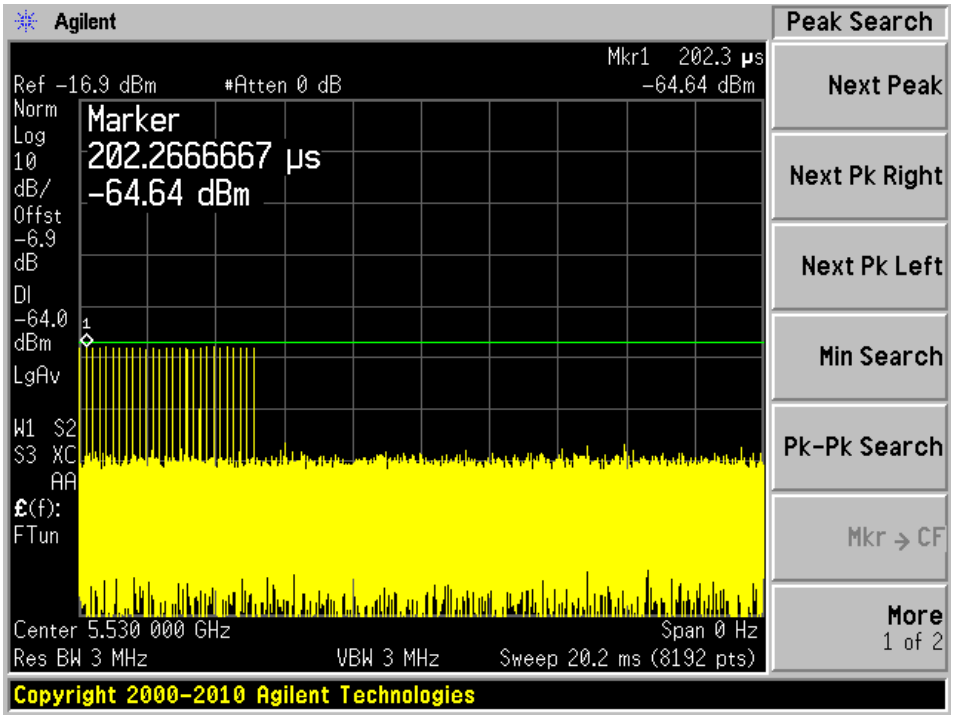
Radar Type 1A



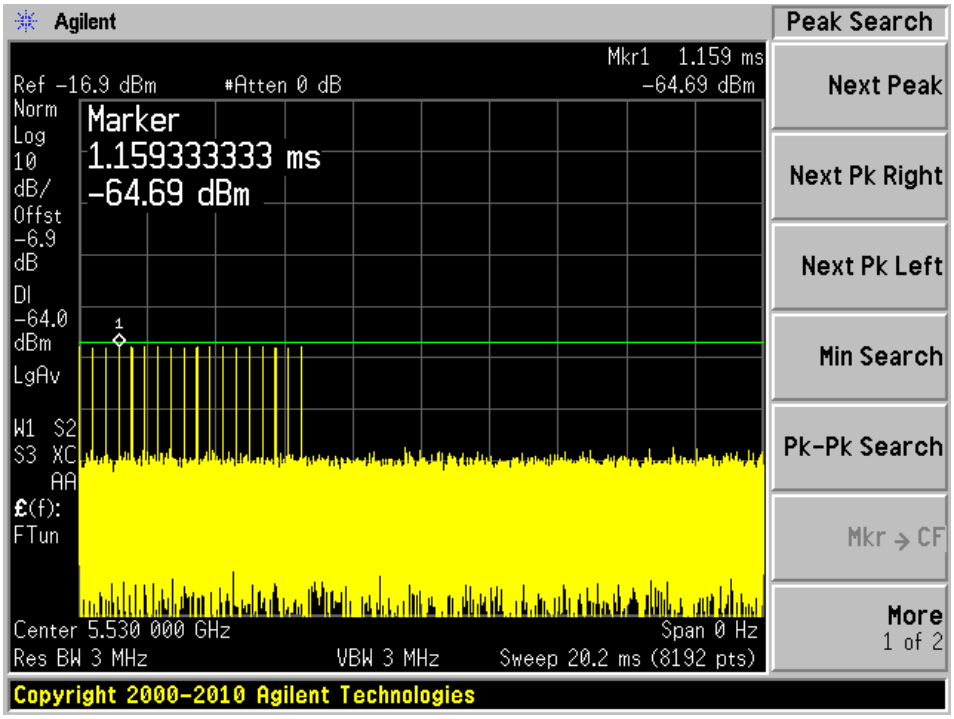
Radar Type 1B



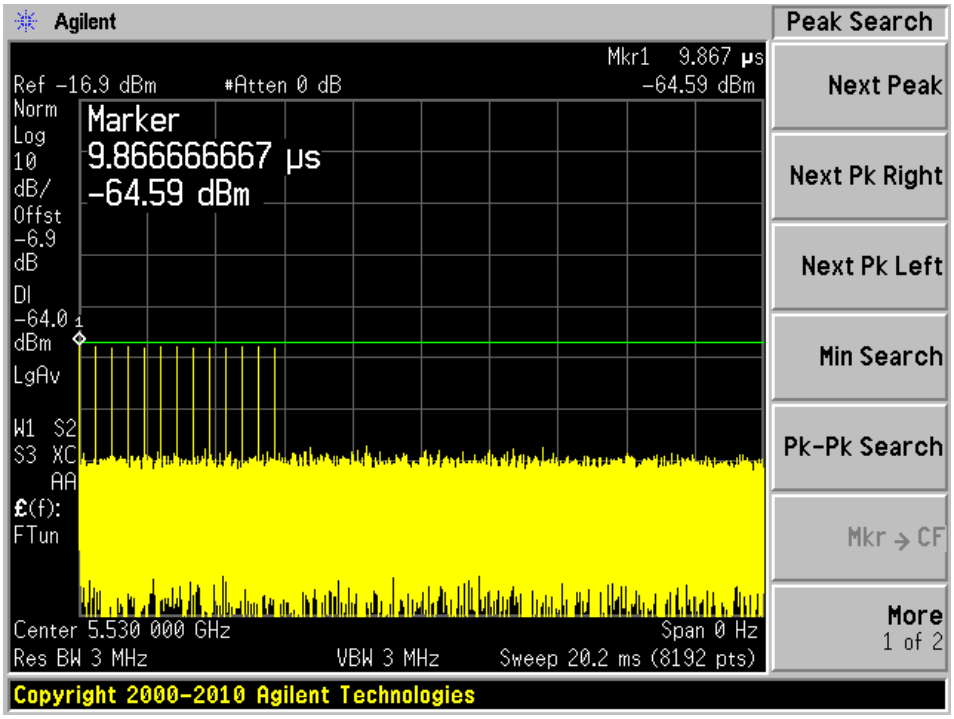
Radar Type 2



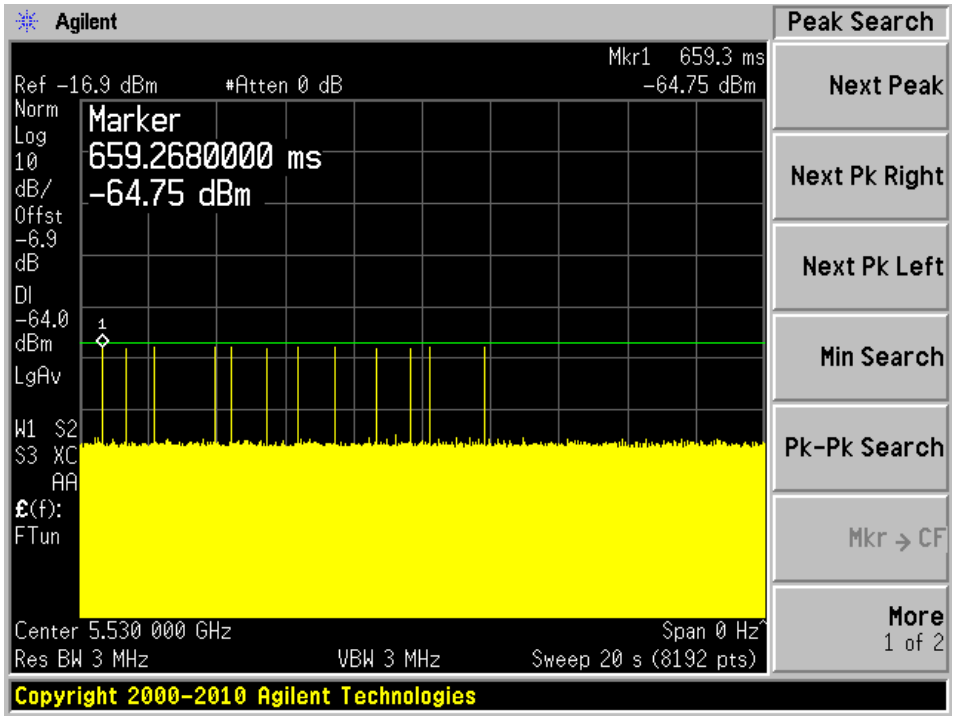
Radar Type 3



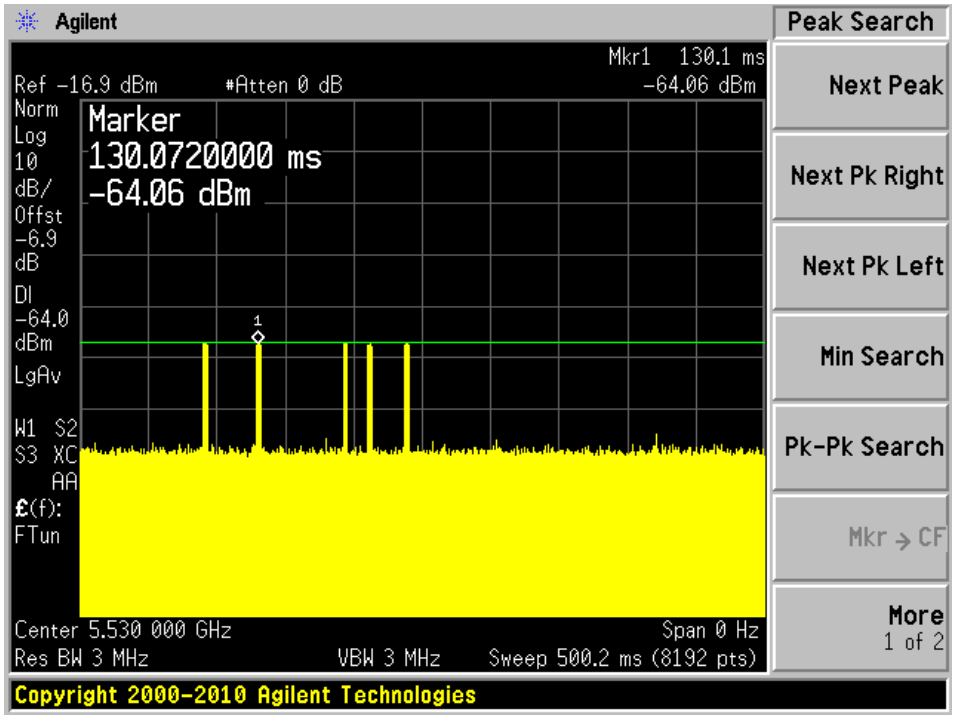
Radar Type 4



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

Note: EUT initial Power-up cycle is vary, this testing was performed with software monitor function that shows the start time of CAC, once the monitor shows the CAC start time, we used the stop watch to keep the accuracy of the testing.

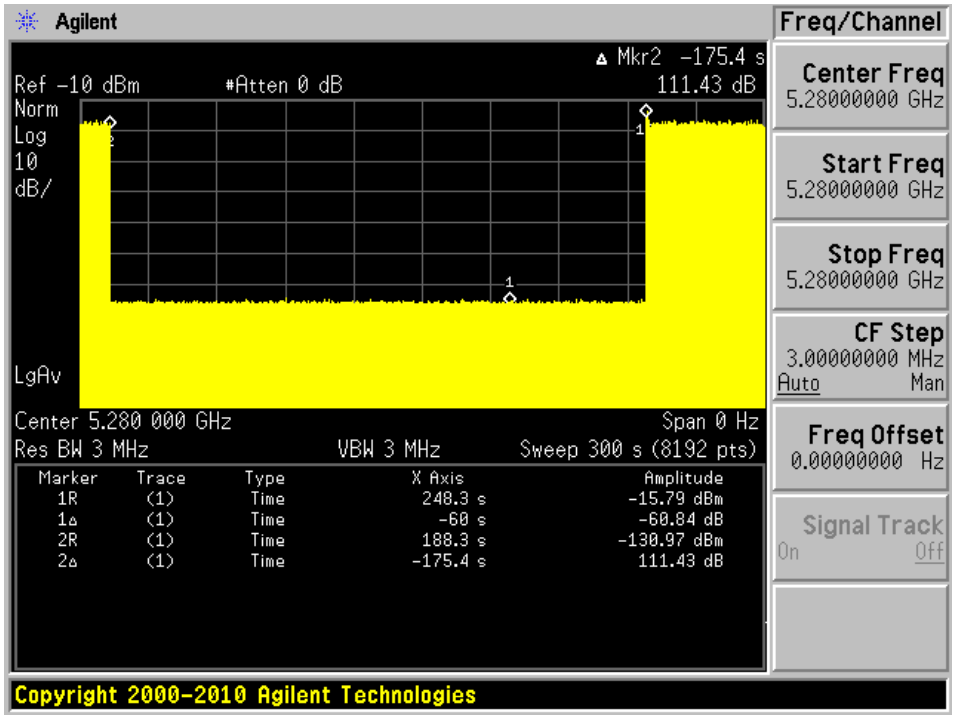
Results:

Timing of Radar Burst	Spectrum Analyzer Display	Result
No Radar Triggered	Transmission begin after power-up cycle +62 seconds CAC	Pass
Within 6 seconds of the CAC starting	No transmission	Pass
Within the last 6 seconds of the CAC	No transmission	Pass

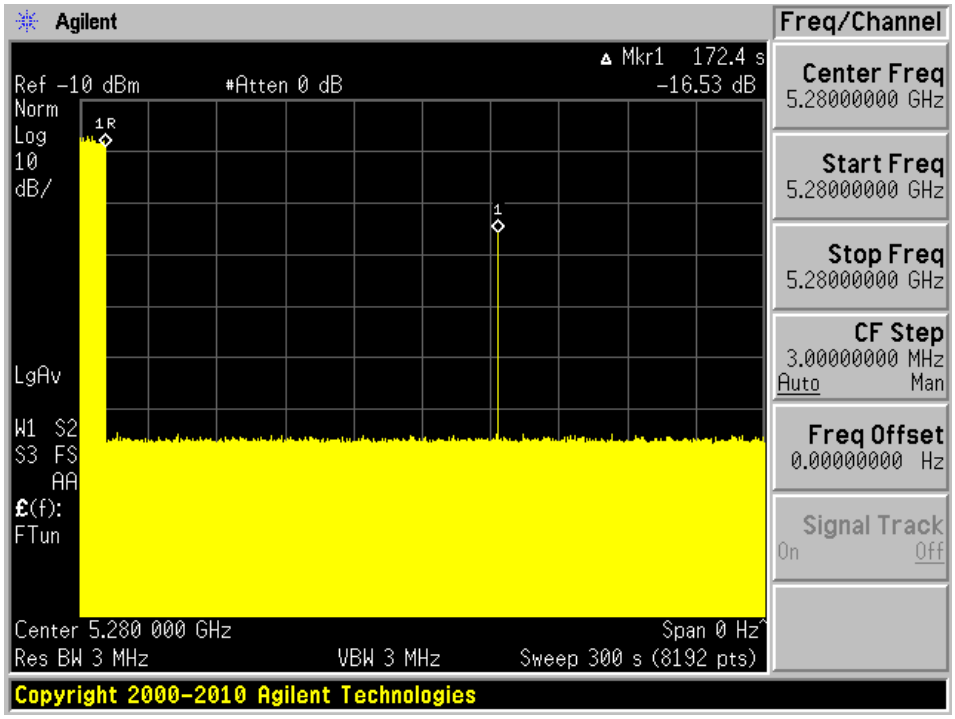
Note: The CAC test is with the Radar type 0.

5280 MHz

Plot of without Radar signal applied

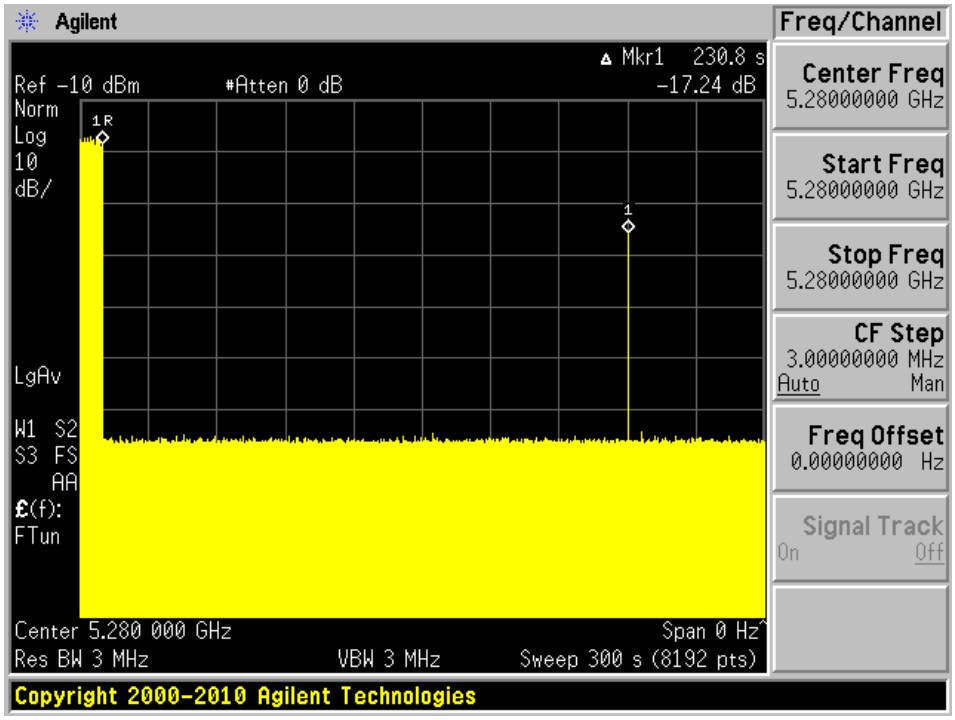


Plot of Radar signal applied within 6 seconds of start of CAC



No transmissions found after radar signal applied.

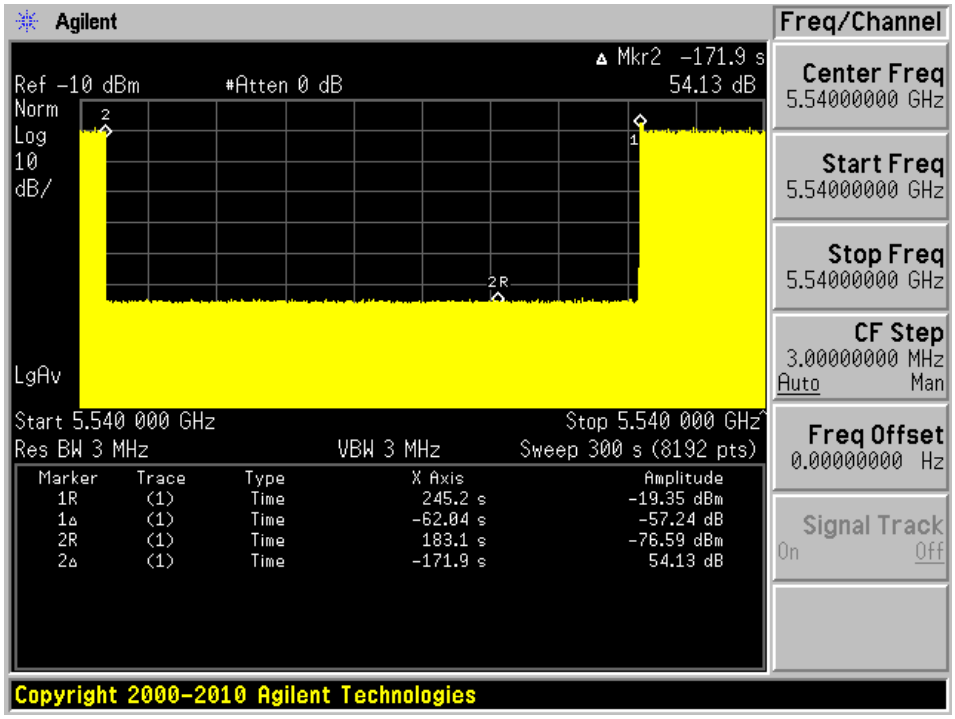
Plot of Radar signal applied at the end of 6 seconds of CAC



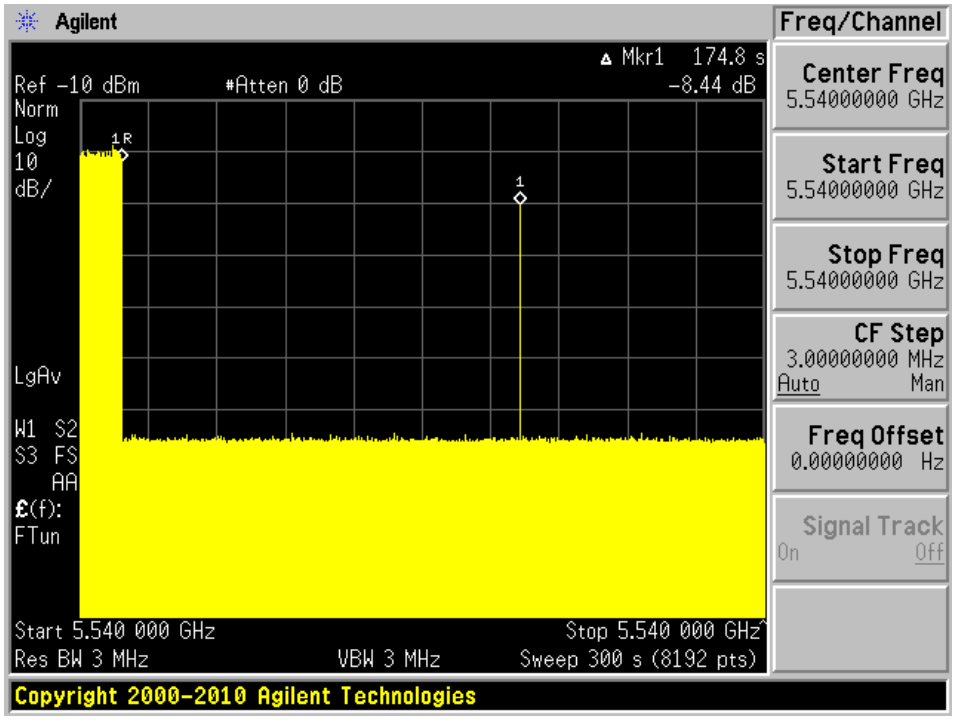
No transmissions found after radar signal applied.

5540 MHz

Plot of without Radar signal applied

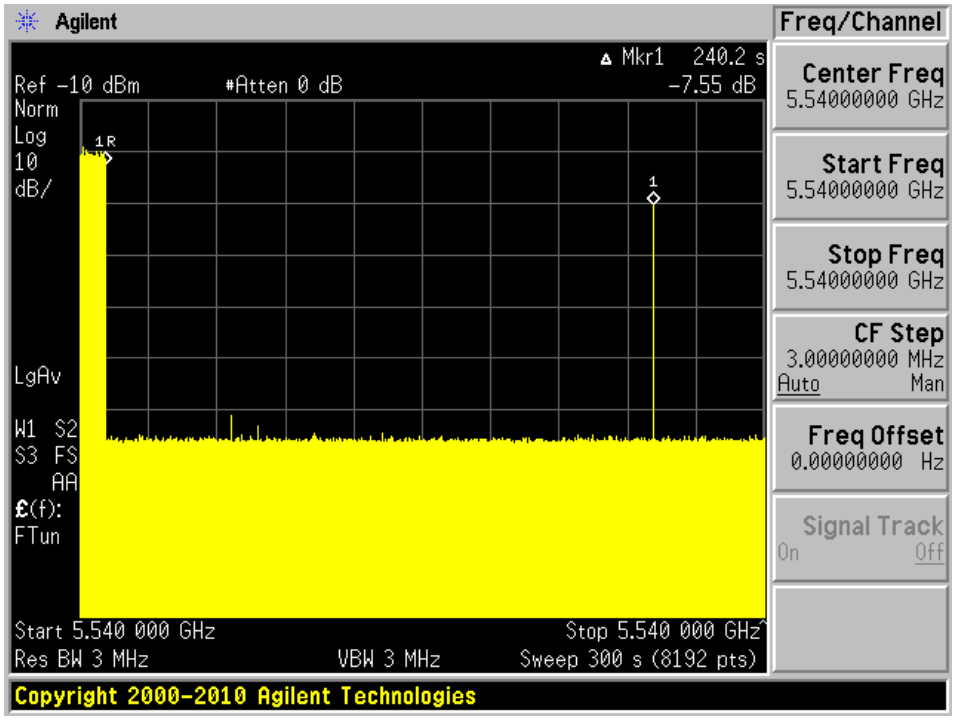


Plot of Radar signal applied within 6 seconds of start of CAC



No transmissions found after radar signal applied.

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



No transmissions found after radar signal applied.

7 Channel Move Time and Channel Closing Transmission Time

7.1 Test Procedure

BACL use type 0 radar signal to test the channel move time and channel closing transmission time.

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

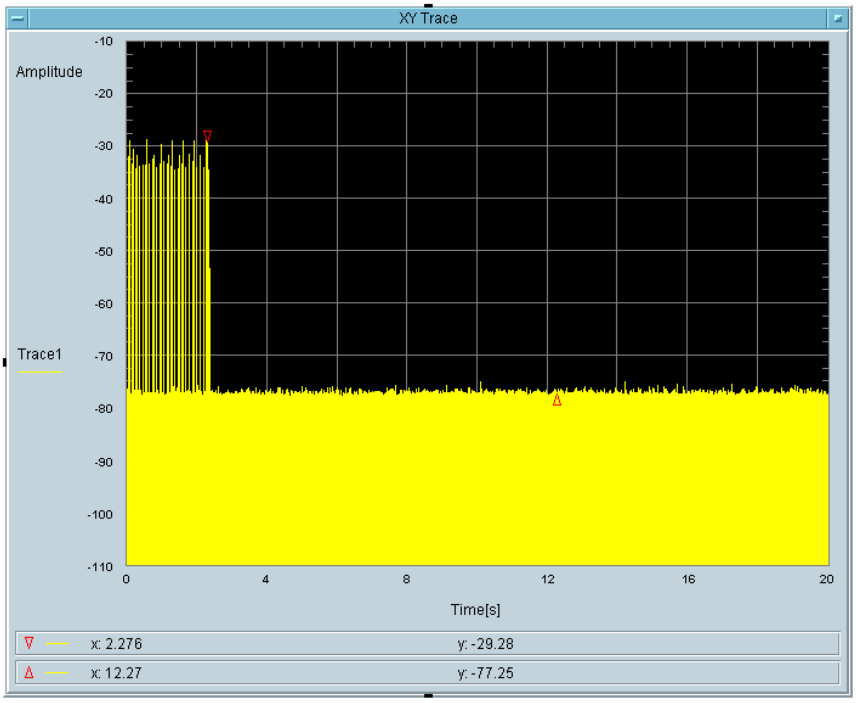
Frequency (MHz)	Bandwidth (MHz)	Radar Type	Results
5290	80	Type 0	Compliant
5530	80	Type 0	Compliant

Please refer to the following tables and plots.

5290 MHz, Bandwidth 80 MHz

Type 0 radar channel move time and channel closing transmission time result:

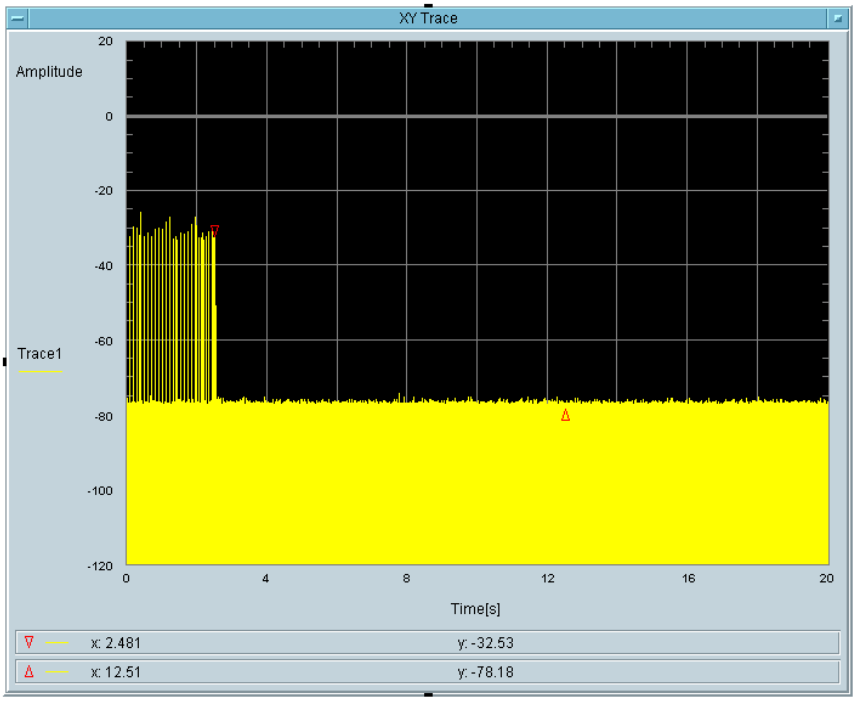
Channel closing transmitting time (ms)	Limit (ms)	Result
26.86	200	Pass

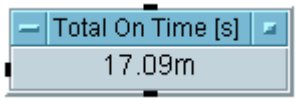


5530 MHz, Bandwidth 80 MHz

Type 0 radar channel move time and channel closing transmission time result:

Channel closing transmitting time (ms)	Limit (ms)	Result
17.09	200	Pass





8 Non-Occupancy Period

8.1 Test Procedure

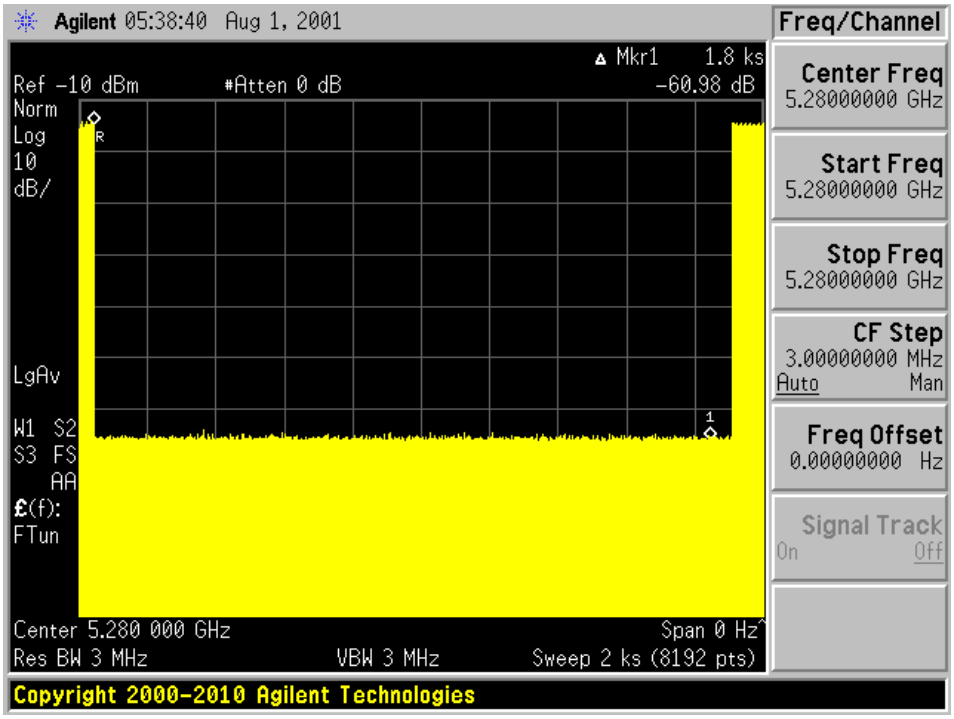
Measure the EUT for more than 30 minutes following the channel close/move time to very that the EUT does not resume any transmissions on this channel. Provide one plot to demonstrate no transmission on the channel for the non-occupancy period (30 minutes observation time)

8.2 Test Results

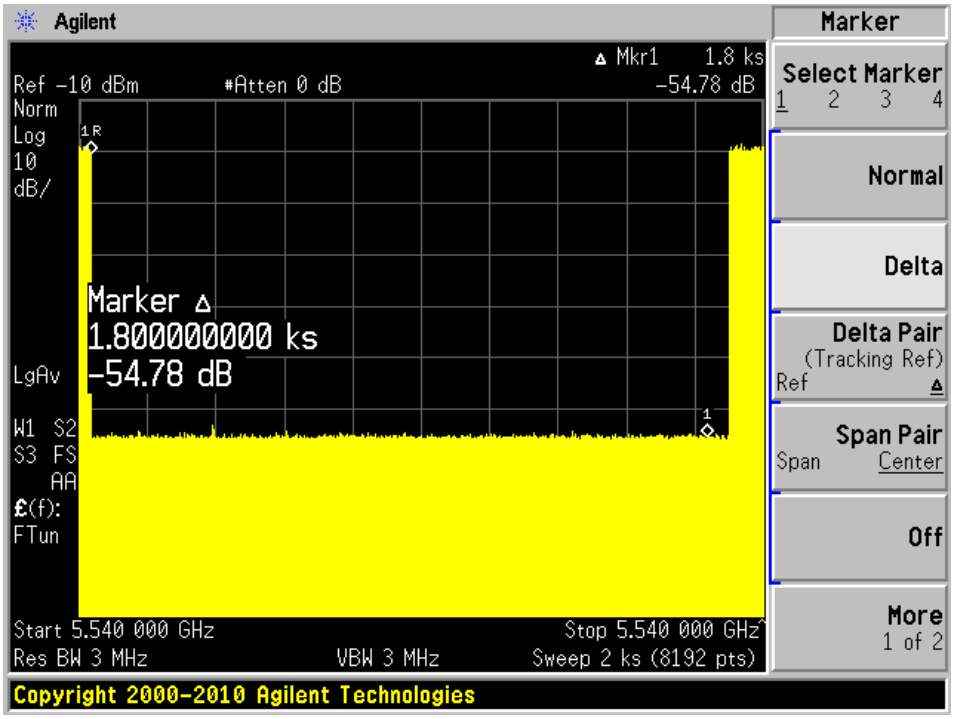
Frequency (MHz)	Bandwidth (MHz)	Spectrum Analyzer Display
5280	20	No transmission within 30 minutes
5540	20	No transmission within 30 minutes

Please refer to the following plots.

5280 MHz, Bandwidth 20 MHz



5540 MHz, Bandwidth 20 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 0

Starting at the center frequency of the UUT operating Channel, increase the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in Table 4. Repeat this measurement in 1MHz steps at frequencies 5 MHz below where the detection rate begins to fall. Record the highest frequency (denote as FH) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies above FH is not required to demonstrate compliance.

Starting at the center frequency of the UUT operating Channel, decrease the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in Table 4. Repeat this measurement in 1MHz steps at frequencies 5 MHz above where the detection rate begins to fall. Record the lowest frequency (denote as FL) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies below FL is not required to demonstrate compliance.

The U-NII Detection Bandwidth is calculated as follows: U-NII Detection Bandwidth = FH – FL

Test Results

Frequency (MHz)	F_L (MHz)	F_H (MHz)	Detection Bandwidth (MHz)	Minimum Limit	Result
5270	5250	5290	40	100%	Compliance
5280	5270	5290	20	100%	Compliance
5290	5250	5330	80	100%	Compliance
5530	5490	5570	80	100%	Compliance
5540	5530	5550	20	100%	Compliance
5550	5530	5570	40	100%	Compliance

Please refer to the following tables.

Results of Detection Bandwidth:

EUT Frequency = 5280 MHz											
DFS Detection Trials (1 = Detected, 0 = 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 = 17.68 MHz; 17.68 x 100% = 17.68 MHz **Result:** Pass											

EUT Frequency = 5540 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5529	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(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5545	1	1	1	1	1	1	1	1	1	1	100 %
5550(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5551	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5550-5530=20 MHz											
EUT 99% OBW = 17.68 MHz; 17.68 x 100% = 17.68 MHz **Result:** Pass											

Results of Detection Bandwidth:

EUT Frequency = 5270 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
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 = 36.06 MHz; 36.06 x 100% = 36.06 MHz **Result:** Pass											

EUT Frequency = 5550 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5529	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 = $F_H - F_L$=5570-5530=40 MHz											
EUT 99% OBW = 36.06 MHz; 36.06 x 100% = 36.06 MHz **Result:** Pass											

Results of Detection Bandwidth:

EUT Frequency = 5290 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
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 %
5291	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5330-5250=80 MHz											
EUT 99% OBW = 76.06 MHz; 76.06 x 100% = 76.06 MHz **Result:** Pass											

EUT Frequency = 5530 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
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 = 76.06 MHz; 76.06 x 100% = 76.06 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	96.7 %	60%	Pass
Type 4	30	93.3 %	60%	Pass
Aggregate (Type1 to 4)	120	97.5 %	80%	Pass
Type 5	30	86.7 %	80%	Pass
Type 6	30	90 %	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	86	1	618	1
2	5280	63	1	838	1
3	5280	57	1	938	1
4	5280	76	1	698	1
5	5280	59	1	898	1
6	5280	62	1	858	1
7	5280	61	1	878	1
8	5280	99	1	538	1
9	5280	68	1	778	1
10	5280	92	1	578	1
11	5280	18	1	3066	1
12	5280	102	1	518	1
13	5280	67	1	798	1
14	5280	81	1	658	1
15	5280	83	1	638	1
16	5280	33	1	1648	1
17	5280	23	1	2355	1
18	5280	35	1	1527	1
19	5280	34	1	1590	1
20	5280	20	1	2742	1
21	5280	29	1	1837	1
22	5280	78	1	682	1
23	5280	88	1	600	1
24	5280	21	1	2582	1
25	5280	23	1	2350	1
26	5280	22	1	2461	1
27	5280	35	1	1536	1
28	5280	35	1	1509	1
29	5280	74	1	715	1
30	5280	41	1	1306	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	26	2.6	185	1
2	5280	27	3.1	197	1
3	5280	26	3	189	1
4	5280	23	4.6	153	1
5	5280	26	4.5	220	1
6	5280	24	3.7	150	1
7	5280	23	2.6	188	1
8	5280	26	4.4	173	1
9	5280	27	1.9	179	1
10	5280	25	2.8	224	1
11	5280	23	4.9	189	1
12	5280	27	1.5	180	1
13	5280	27	3	222	1
14	5280	26	4.7	161	1
15	5280	28	4.3	176	1
16	5280	24	2.2	210	1
17	5280	25	3.3	226	1
18	5280	26	3.8	163	1
19	5280	27	3.6	164	1
20	5280	29	2.9	214	1
21	5280	27	4.8	194	1
22	5280	25	2.1	174	1
23	5280	28	2.1	211	1
24	5280	26	1.3	172	1
25	5280	24	3.7	191	1
26	5280	23	2.1	208	1
27	5280	28	4.7	212	1
28	5280	26	5	224	1
29	5280	27	4.9	217	1
30	5280	28	1.5	218	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	16	9.7	287	1
2	5280	18	7.1	351	1
3	5280	16	8.5	259	1
4	5280	17	7.7	304	1
5	5280	17	6	255	1
6	5280	17	6.6	285	1
7	5280	18	7.9	467	1
8	5280	17	7.3	454	1
9	5280	17	9	293	1
10	5280	18	9.1	395	1
11	5280	16	8.2	343	1
12	5280	18	6	321	1
13	5280	16	8.9	267	1
14	5280	18	8.6	463	1
15	5280	17	7.2	407	1
16	5280	16	9.4	472	1
17	5280	17	8.9	283	1
18	5280	17	7.7	249	1
19	5280	17	8.4	460	1
20	5280	17	6.5	217	1
21	5280	18	9.4	408	1
22	5280	18	9.3	456	1
23	5280	17	6.8	219	1
24	5280	17	9.8	204	0
25	5280	18	6.6	278	1
26	5280	18	6.6	496	1
27	5280	18	8.1	341	1
28	5280	18	10	323	1
29	5280	16	8	478	1
30	5280	16	7.3	281	1
Detection Percentage: 96.7 % (>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	16	17.2	444	1
2	5280	12	18.6	437	1
3	5280	16	16.4	432	1
4	5280	15	14.6	485	1
5	5280	14	17.9	367	1
6	5280	15	16.6	295	1
7	5280	14	17.5	405	1
8	5280	15	14.3	330	1
9	5280	15	17.5	405	1
10	5280	15	12.1	298	1
11	5280	14	12.2	398	1
12	5280	15	16.1	280	1
13	5280	12	18.2	258	1
14	5280	14	19.2	383	1
15	5280	13	16	332	1
16	5280	12	13.1	257	1
17	5280	13	13.4	272	1
18	5280	16	14.3	389	1
19	5280	14	16.7	490	1
20	5280	13	12.6	209	0
21	5280	16	11.1	395	1
22	5280	16	13.6	441	1
23	5280	13	16.2	462	0
24	5280	14	16.8	437	1
25	5280	12	14.5	279	1
26	5280	15	15.6	398	1
27	5280	12	16	227	1
28	5280	15	12.7	397	1
29	5280	16	14.7	228	1
30	5280	14	19.7	447	1
Detection Percentage: 93.3 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5280	1
2	5280	1
3	5280	1
4	5280	1
5	5280	0
6	5280	1
7	5280	0
8	5280	1
9	5280	1
10	5280	1
11	5275.8	1
12	5273.8	1
13	5274.6	1
14	5278.2	1
15	5275.8	1
16	5273.8	0
17	5277.4	1
18	5274.2	1
19	5275	1
20	5273	1
21	5286.2	1
22	5284.2	1
23	5283.4	1
24	5284.2	1
25	5281.4	1
26	5284.6	1
27	5285.8	0
28	5285	1
29	5286.2	1
30	5286.6	1
Detection Percentage: 86.7 % (>80%)		

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	20	99.5	1229		0.104429	
1	2	20	65.5	1599		0.638574	
2	1	20	56.9			1.724977	
3	1	20	52.3			1.935725	
4	3	20	59.3	1789	1773	2.973823	
5	3	20	91	1151	1338	3.169098	
6	2	20	53.3	1272		3.985976	
7	2	20	92.1	1964		4.616435	
8	2	20	76.7	1940		5.387842	
9	3	20	75.4	1021	1624	5.415273	
10	3	20	53.2	1132	1568	6.464079	1
11	2	20	81.5	1892		7.190001	
12	1	20	86.8			7.582255	
13	2	20	81.2	1746		8.245589	
14	3	20	63.3	1175	1398	8.492483	
15	3	20	96.3	1296	1946	9.542414	
16	3	20	59.7	1814	1894	10.165986	
17	2	20	74.8	1691		10.336199	
18	2	20	72.5	1428		11.210497	
19	2	20	79.2	1449		11.445526	

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	11	75			0.368532	1
1	2	11	79.2	1691		1.308698	
2	2	11	54.1	1758		1.583838	
3	2	11	83.8	1851		2.444382	
4	3	11	98.7	1187	1827	3.22653	
5	1	11	93.3			4.203133	
6	2	11	65	1198		4.515614	
7	3	11	56.3	1625	1593	5.430278	
8	2	11	57.1	1024		5.767035	
9	2	11	91.2	1716		6.836871	
10	2	11	61.5	1580		7.504813	
11	2	11	93.8	1155		8.390583	
12	2	11	71.6	1760		9.065532	
13	2	11	70.4	1976		9.432151	
14	3	11	52.9	1364	1494	10.249039	
15	2	11	59.8	1427		11.177095	
16	1	11	81.2			11.812676	

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	7	62.8	1942		0.641713	1
1	1	7	63.9			1.94957	
2	1	7	61			2.078328	
3	2	7	86.3	1344		3.593563	
4	1	7	73.6			4.510257	
5	2	7	66.8	1173		5.629811	
6	3	7	54.5	1322	1436	6.022084	
7	2	7	89.9	1881		7.512739	
8	3	7	91.8	1701	1611	8.46392	
9	2	7	91.4	1272		9.265288	
10	2	7	72.7	1425		10.54441	
11	2	7	94.5	1388		11.047842	

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	14	74.3			0.54775	1
1	2	14	78.7	1861		0.85549	
2	1	14	62.8			1.551077	
3	3	14	92.9	1521	1592	2.498986	
4	1	14	60.7			2.987059	
5	2	14	50.3	1027		3.726514	
6	2	14	93.5	1341		3.975739	
7	3	14	99.6	1082	1303	4.963233	
8	2	14	80.2	1673		5.30103	
9	3	14	97.4	1456	1408	6.116208	
10	3	14	65.1	1140	1768	6.75298	
11	1	14	97.2			7.106756	
12	2	14	97.4	1528		8.183655	
13	1	14	77.1			8.522303	
14	2	14	83.1	1650		8.852367	
15	1	14	63.1			10.002738	
16	2	14	51	1519		10.435175	
17	2	14	98.6	1239		10.802798	
18	2	14	56.4	1962		11.871062	

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	6	95.9			0.118783	
1	3	6	96.2	1789	1652	0.787852	
2	2	6	96.2	1626		1.416117	
3	1	6	68.3			2.423439	
4	1	6	65			3.380849	
5	1	6	59.6			3.738223	
6	2	6	93.6	1886		4.431415	
7	3	6	61.7	1220	1316	5.462698	
8	2	6	58.2	1199		6.23529	0
9	3	6	77.9	1013	1954	6.771949	
10	1	6	72.2			7.228701	
11	2	6	69.8	1134		7.841968	
12	3	6	68.5	1822	1048	9.124658	
13	2	6	96.2	1258		9.748939	
14	2	6	54.7	1350		9.909772	
15	1	6	80.9			11.070097	
16	3	6	75.1	1661	1514	11.387058	

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	18	64.2	1544	1880	0.383475	
1	2	18	74.6	1289		1.195526	
2	2	18	61.3	1326		2.220658	
3	1	18	65.5			4.325065	
4	3	18	79.2	1643	1428	4.571279	
5	1	18	76.2			6.175112	1
6	2	18	69.8	1794		7.563524	
7	2	18	52	1377		8.261305	
8	2	18	79.3	1045		8.752493	
9	2	18	91.1	1427		10.022562	
10	3	18	94.5	1213	1154	11.000662	

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	8	71.8			0.919427	0
1	3	8	61.9	1743	1045	1.472329	
2	2	8	90.1	1346		2.142795	
3	3	8	82.1	1253	1233	3.134018	
4	2	8	59.4	1259		4.826872	
5	2	8	76.5	1389		5.783954	
6	1	8	60.5			6.219305	
7	1	8	89.4			7.088766	
8	2	8	91	1777		8.298009	
9	2	8	56.9	1583		9.914811	
10	2	8	56.3	1462		10.613878	
11	2	8	76.8	1176		11.527783	

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	68.4	1247		0.31701	1
1	3	13	73.8	1792	1054	0.720114	
2	3	13	80.6	1241	1209	1.792069	
3	1	13	94.8			2.136592	
4	3	13	96.8	1996	1988	3.025045	
5	2	13	78.9	1588		3.708196	
6	2	13	64.4	1706		4.313859	
7	3	13	86.6	1737	1343	5.128355	
8	3	13	65.3	1196	1164	5.79865	
9	2	13	62.6	1709		6.045388	
10	2	13	50.3	1287		6.893374	
11	2	13	75.7	1575		7.53874	
12	1	13	75.1			8.139852	
13	1	13	87.1			8.950637	
14	1	13	89.4			9.550796	
15	1	13	68.3			10.046794	
16	1	13	98.2			10.772928	
17	2	13	57.5	1867		11.807192	

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	5	98.2			0.605845	
1	3	5	91.8	1880	1973	1.144724	
2	3	5	56.7	1347	1390	2.083597	
3	1	5	50.9			2.541689	
4	3	5	60	1385	1629	3.336965	
5	1	5	81			4.221391	
6	2	5	80.3	1468		4.639347	
7	2	5	78.5	1650		5.48771	
8	2	5	66.7	1614		5.863472	1
9	2	5	85.5	1681		6.878568	
10	1	5	60.9			7.297209	
11	3	5	57.3	1355	1185	8.230222	
12	1	5	82.9			8.888237	
13	2	5	88.9	1240		9.803879	
14	2	5	98.6	1308		10.370743	
15	2	5	85.5	1263		11.053306	
16	2	5	65.1	1565		11.630322	

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	15	96.4			0.117695	
1	3	15	54.2	1735	1148	1.380238	
2	3	15	51.5	1388	1293	3.538239	
3	2	15	85.1	1307		4.523122	
4	1	15	56.1			5.182163	
5	3	15	56.4	1872	1381	6.878834	1
6	1	15	65.1			7.919442	
7	3	15	52.8	1833	1521	9.501828	
8	1	15	83.4			10.535922	
9	2	15	73	1107		11.223554	

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	12	50.6			0.087304	1
1	2	12	86.8	1756		1.39354	
2	1	12	83.6			2.432885	
3	3	12	65.1	1523	1738	3.12514	
4	1	12	80.4			3.806565	
5	2	12	56.3	1270		5.049522	
6	3	12	52	1328	1333	5.505053	
7	2	12	89.9	1952		6.094112	
8	2	12	73.9	1613		6.931074	
9	2	12	95	1113		7.780413	
10	3	12	62.7	1499	1675	9.267443	
11	2	12	89.7	1585		10.212844	
12	2	12	89.7	1117		10.799083	
13	1	12	87.1			11.655743	

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	1	7	52.2			0.250852	1
1	2	7	95.3	1670		1.688435	
2	3	7	69.6	1148	1429	2.669442	
3	3	7	50.1	1140	1327	4.100548	
4	2	7	61.7	1278		5.146236	
5	3	7	90.4	1249	1320	5.572723	
6	2	7	95.1	1961		7.4748	
7	1	7	97.5			7.979437	
8	2	7	92.2	1142		8.952909	
9	2	7	82.7	1343		9.853124	
10	3	7	84.2	1152	1968	11.803159	

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	9	62.6			0.201988	1
1	2	9	68.9	1993		1.49871	
2	1	9	80			3.250195	
3	2	9	94.4	1406		5.047235	
4	1	9	81.1			5.597152	
5	2	9	65.4	1597		7.520132	
6	1	9	88.7			9.32329	
7	3	9	66.6	1362	1700	9.545894	
8	2	9	99.1	1751		11.419034	

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	18	87.6			0.960173	1
1	2	18	68.9	1517		1.200285	
2	2	18	70.2	1462		2.100455	
3	1	18	66.7			3.833243	
4	2	18	99.7	1779		4.48144	
5	2	18	83.9	1276		5.059185	
6	2	18	85.6	1344		6.340175	
7	2	18	76.8	1184		7.065429	
8	2	18	94.1	1421		8.665463	
9	1	18	53.9			9.944178	
10	1	18	62.3			10.002665	
11	3	18	73.4	1994	1981	11.008649	

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	12	57.8	1773		0.504716	1
1	1	12	74.5			1.188401	
2	3	12	92.3	1863	1488	2.177047	
3	2	12	78	1964		2.8971	
4	3	12	56.4	1198	1211	3.532131	
5	3	12	63.5	1315	1677	4.284882	
6	2	12	64.9	1780		5.027017	
7	1	12	56			5.771198	
8	1	12	52.4			6.123834	
9	1	12	91.2			6.811731	
10	3	12	60.2	1171	1479	7.623634	
11	3	12	76.4	1464	1139	8.6225	
12	2	12	93.1	1190		9.251217	
13	2	12	83.3	1601		10.218081	
14	2	12	55	1620		11.190524	
15	2	12	87.9	1250		11.698172	

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	7	56.8	1250		0.398663	0
1	2	7	62.9	1665		1.011461	
2	1	7	51.6			1.902294	
3	2	7	91.3	1035		2.64839	
4	2	7	96.1	1595		3.330627	
5	3	7	98.9	1361	1607	3.577341	
6	2	7	61.3	1220		4.75196	
7	1	7	71.6			5.363959	
8	3	7	84.7	1983	1482	5.790997	
9	2	7	61.2	1499		6.451563	
10	2	7	88.3	1374		7.413492	
11	2	7	94	1868		8.365185	
12	1	7	74.6			9.075881	
13	2	7	85.9	1644		9.334668	
14	2	7	55.4	1701		10.218625	
15	2	7	62.7	1672		11.263175	
16	3	7	51.2	1567	1006	11.377138	

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	2	16	61.6	1002		0.340411	
1	3	16	99.6	1238	1126	1.366931	
2	3	16	92.2	1115	1381	2.659337	
3	1	16	69.6			3.046647	
4	3	16	82.4	1134	1172	3.800378	
5	1	16	54.9			5.491607	
6	1	16	53.3			6.128594	1
7	3	16	66.5	1073	1448	7.337688	
8	2	16	51.8	1756		7.906271	
9	2	16	58.4	1237		8.932266	
10	1	16	60.7			10.022007	
11	1	16	90.3			10.736675	
12	3	16	57.6	1745	1875	11.740928	

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	91.3	1217		0.398669	
1	3	8	53.2	1714	1498	1.477652	
2	1	8	81.7			1.8171	
3	2	8	54.9	1365		3.284243	
4	2	8	93.9	1280		3.961468	
5	3	8	68.3	1881	1496	5.050174	
6	3	8	68.6	1050	1012	5.671388	
7	3	8	54.6	1894	1786	6.56668	1
8	2	8	61.5	1008		7.659951	
9	2	8	68.4	1783		8.535211	
10	1	8	76.9			8.893208	
11	2	8	84	1336		9.436609	
12	3	8	50.9	1295	1404	10.809743	
13	3	8	94	1701	1907	11.692866	

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	10	85.8			1.151544	
1	3	10	55	1975	1581	1.811273	
2	2	10	50.5	1111		3.638782	
3	2	10	78.7	1799		4.231837	
4	2	10	99.6	1169		5.817554	1
5	2	10	84.4	1966		6.967742	
6	2	10	84.9	1434		9.117049	
7	3	10	85.7	1686	1471	10.047419	
8	1	10	91.9			11.717556	

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	5	87.3	1512		0.332664	
1	3	5	60.4	1466	1312	1.247229	
2	2	5	75.4	1335		1.778522	
3	2	5	58.8	1069		2.804351	
4	3	5	94.8	1014	1326	3.327761	
5	1	5	88.3			3.609861	
6	2	5	70	1786		4.426397	
7	2	5	57.8	1263		4.941477	
8	2	5	93.1	1650		6.10016	1
9	3	5	95.9	1340	1794	6.91317	
10	3	5	94.3	1490	2000	7.656615	
11	2	5	56.4	1043		7.970632	
12	2	5	86.8	1890		8.810666	
13	2	5	73.4	1438		9.562614	
14	2	5	54.5	1804		10.420945	
15	1	5	95.2			11.281888	
16	2	5	89.4	1765		11.709311	

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	77.6	1618		1.011555	
1	2	7	84.6	1128		1.593446	
2	2	7	87.9	1387		2.899806	
3	3	7	53.8	1464	1184	4.284573	
4	2	7	93.5	1595		4.748669	
5	2	7	53.3	1353		5.870146	1
6	3	7	92.2	1798	1028	6.994118	
7	1	7	55.7			7.814695	
8	2	7	68.1	1371		9.678854	
9	2	7	81.4	1536		10.214251	
10	3	7	98.8	1528	1062	11.068781	

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	1	12	58.9			0.208766	
1	2	12	62.4	1454		1.869516	
2	3	12	79.1	1956	1267	2.42872	
3	2	12	74.1	1703		4.353769	
4	2	12	97.9	1437		5.9829	
5	2	12	63.2	1776		6.456191	1
6	2	12	58.9	1047		7.372039	
7	2	12	61.5	1054		8.865979	
8	3	12	85.5	1144	1730	9.916021	
9	2	12	59.4	1330		11.820402	

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	91.5	1193	1511	0.261627	
1	2	14	86.5	1917		1.464999	
2	1	14	92.7			1.953703	
3	2	14	92.9	1918		2.742846	
4	2	14	53.8	1812		3.70181	
5	1	14	63.6			4.903162	
6	1	14	57.5			5.715553	
7	2	14	99.7	1518		6.062603	1
8	1	14	76.5			7.682826	
9	2	14	91	1312		7.766208	
10	1	14	62.3			8.826747	
11	2	14	67.8	1588		9.971374	
12	2	14	59.6	1753		10.467516	
13	2	14	56.9	1309		11.971249	

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	12	86.8	1672		0.338375	
1	3	12	82.5	1880	1070	1.199307	
2	3	12	52.5	1458	1007	1.714123	
3	3	12	81.1	1491	1187	2.339637	
4	2	12	76.9	1647		2.672898	
5	3	12	56	1085	1003	3.180387	
6	3	12	64.1	1538	1712	4.122943	
7	3	12	58.5	1365	1850	4.709618	
8	1	12	64.1			5.603866	
9	2	12	92.8	1703		5.840436	1
10	3	12	84.8	1874	1771	6.703697	
11	2	12	53.3	1568		7.20389	
12	3	12	79.7	1941	1110	8.193879	
13	1	12	94			8.293958	
14	2	12	92.9	1577		8.852741	
15	1	12	81.5			9.930706	
16	2	12	62.8	1598		10.577549	
17	2	12	81.9	1696		10.934907	
18	2	12	78.2	1972		11.90834	

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	19	83.2			0.558419	1
1	3	19	88.4	1902	1329	1.461855	
2	1	19	56.7			2.191494	
3	3	19	72.3	1025	1827	2.380122	
4	2	19	78.4	1457		3.39381	
5	1	19	51.5			4.492995	
6	3	19	60.5	1316	1343	4.922812	
7	1	19	92.5			5.886951	
8	2	19	52.4	1880		6.313342	
9	2	19	77.3	1236		6.873047	
10	2	19	81.3	1151		7.714703	
11	3	19	89.4	1488	1842	8.347745	
12	3	19	90.3	1079	1852	9.036255	
13	3	19	57.9	1758	1935	10.101214	
14	1	19	73.6			10.846914	
15	3	19	95.3	1627	1536	11.860327	

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	11	83.3	1412	1314	0.105568	
1	2	11	58.9	1818		0.939209	
2	3	11	71.9	1125	1628	1.369006	
3	3	11	73	1898	1885	2.140187	
4	3	11	94.8	1169	1757	2.937232	
5	2	11	99.4	1311		3.310909	
6	2	11	51.6	1332		4.192294	
7	3	11	61.4	1338	1724	4.439425	
8	2	11	96	1052		5.245133	
9	2	11	62.7	1689		6.21507	1
10	3	11	56.6	1569	1820	6.85952	
11	2	11	75.6	1727		7.458084	
12	2	11	65.2	1602		8.159874	
13	3	11	86.6	1775	1993	8.524111	
14	2	11	82.7	1749		9.152516	
15	3	11	63.3	1295	1362	9.803816	
16	3	11	56.8	1814	1453	10.41268	
17	2	11	53.5	1992		11.109257	
18	1	11	89.3			11.56374	

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	8	68.2	1708		0.303141	
1	2	8	72.7	1830		0.824146	
2	2	8	95.6	1995		1.998698	
3	2	8	99	1284		2.771006	
4	2	8	89.5	1363		3.262711	
5	3	8	84.6	1149	1546	4.124117	
6	2	8	91.5	1669		4.923066	0
7	2	8	53.6	1668		5.995701	
8	2	8	90.5	1963		6.51312	
9	2	8	80.6	1364		7.621623	
10	2	8	65.1	1349		8.552692	
11	2	8	64	1844		9.591331	
12	1	8	65.9			9.956337	

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	10	76.5	1240	1987	0.058649	
1	3	10	78.5	1979	1168	0.941392	
2	2	10	58.1	1470		2.171721	
3	2	10	67.5	1112		3.533376	
4	2	10	61.9	1051		4.402576	
5	3	10	89	1041	1745	5.529336	
6	1	10	58.1			6.23208	1
7	3	10	92	1908	1733	6.54082	
8	2	10	94.8	1505		8.198249	
9	1	10	52.8			9.031488	
10	3	10	74.5	1523	1042	9.539181	
11	3	10	69.2	1820	1098	10.303683	
12	2	10	62.4	1516		11.605239	

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	7	71.5	1355	1214	0.523998	
1	2	7	84.9	1260		1.867321	
2	1	7	82.8			3.479103	
3	1	7	81.3			4.789995	
4	3	7	62.5	1629	1622	5.454977	1
5	2	7	63	1015		7.190066	
6	2	7	98.3	1812		8.745347	
7	1	7	97			9.489415	
8	2	7	72.4	1238		10.952059	

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	6	57.9			0.183209	1
1	1	6	88.1			1.056401	
2	2	6	88.6	1442		1.665129	
3	1	6	85			2.968269	
4	3	6	54.9	1951	1032	3.436039	
5	1	6	79.6			3.920508	
6	2	6	86.3	1274		4.609068	
7	2	6	84.9	1673		5.320812	
8	3	6	84.2	1777	1004	6.660187	
9	1	6	55.1			7.366791	
10	2	6	87	1705		7.766643	
11	1	6	93.4			8.401416	
12	2	6	86	1918		9.291223	
13	3	6	66	1173	1748	10.329727	
14	2	6	92.3	1045		10.606753	
15	2	6	65.8	1176		11.402078	

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	5385.0, 5321.0, 5623.0, 5410.0, 5404.0, 5471.0, 5512.0, 5458.0, 5626.0, 5613.0, 5599.0, 5290.0, 5408.0, 5483.0, 5566.0, 5444.0, 5364.0, 5283.0, 5682.0, 5700.0, 5551.0, 5312.0, 5461.0, 5691.0, 5637.0, 5617.0, 5421.0, 5299.0, 5657.0, 5381.0, 5389.0, 5429.0, 5446.0, 5537.0, 5564.0, 5358.0, 5313.0, 5298.0, 5356.0, 5588.0, 5263.0, 5438.0, 5459.0, 5387.0, 5450.0, 5525.0, 5645.0, 5555.0, 5499.0, 5453.0, 5528.0, 5256.0, 5663.0, 5336.0, 5251.0, 5304.0, 5597.0, 5665.0, 5606.0, 5250.0, 5318.0, 5317.0, 5325.0, 5279.0, 5527.0, 5603.0, 5349.0, 5373.0, 5456.0, 5485.0, 5447.0, 5697.0, 5581.0, 5666.0, 5616.0, 5586.0, 5270.0, 5703.0, 5327.0, 5363.0, 5400.0, 5441.0, 5614.0, 5269.0, 5328.0, 5434.0, 5284.0, 5568.0, 5473.0, 5403.0, 5513.0, 5592.0, 5595.0, 5673.0, 5369.0, 5629.0, 5276.0, 5377.0, 5610.0, 5630.0 (number of hits: 5)
2	5280	9	1	333	1	5590.0, 5345.0, 5566.0, 5423.0, 5355.0, 5322.0, 5569.0, 5480.0, 5586.0, 5420.0, 5495.0, 5680.0, 5342.0, 5316.0, 5546.0, 5506.0, 5472.0, 5634.0, 5419.0, 5352.0, 5706.0, 5436.0, 5714.0, 5330.0, 5434.0, 5290.0, 5312.0, 5683.0, 5257.0, 5523.0, 5439.0, 5399.0, 5628.0, 5705.0, 5500.0, 5530.0, 5340.0, 5348.0, 5699.0, 5394.0, 5709.0, 5637.0, 5463.0, 5468.0, 5702.0, 5545.0, 5404.0, 5581.0, 5478.0, 5666.0, 5503.0, 5607.0, 5339.0, 5296.0, 5414.0, 5638.0, 5307.0, 5629.0, 5321.0, 5642.0, 5691.0, 5302.0, 5659.0, 5332.0, 5610.0, 5601.0, 5413.0, 5311.0, 5662.0, 5625.0, 5350.0, 5297.0, 5282.0, 5291.0, 5521.0, 5473.0, 5374.0, 5385.0, 5572.0, 5435.0, 5551.0, 5564.0, 5603.0, 5555.0, 5341.0, 5694.0, 5466.0, 5349.0, 5377.0, 5549.0, 5686.0, 5696.0, 5510.0, 5276.0, 5654.0, 5461.0, 5703.0, 5583.0, 5261.0, 5507.0 (number of hits: 2)
3	5280	9	1	333	1	5350.0, 5311.0, 5458.0, 5608.0, 5253.0, 5481.0, 5442.0, 5697.0, 5638.0, 5272.0, 5634.0, 5524.0, 5578.0, 5439.0, 5665.0, 5331.0, 5324.0, 5293.0, 5281.0, 5540.0, 5570.0, 5469.0, 5658.0, 5361.0, 5489.0, 5515.0, 5325.0, 5487.0, 5537.0, 5267.0, 5623.0, 5493.0, 5475.0, 5414.0, 5495.0, 5384.0, 5396.0, 5648.0, 5650.0, 5342.0, 5306.0, 5655.0, 5568.0, 5398.0, 5453.0, 5434.0, 5257.0, 5473.0, 5420.0, 5507.0, 5423.0, 5405.0, 5692.0, 5561.0, 5604.0, 5491.0, 5656.0, 5418.0, 5644.0, 5681.0,

						5352.0, 5556.0, 5668.0, 5724.0, 5712.0, 5609.0, 5347.0, 5677.0, 5393.0, 5548.0, 5619.0, 5406.0, 5374.0, 5251.0, 5385.0, 5330.0, 5349.0, 5516.0, 5505.0, 5389.0, 5419.0, 5686.0, 5625.0, 5412.0, 5451.0, 5260.0, 5647.0, 5643.0, 5594.0, 5704.0, 5326.0, 5282.0, 5592.0, 5268.0, 5261.0, 5390.0, 5380.0, 5266.0, 5270.0, 5687.0 (number of hits: 4)
4	5280	9	1	333	1	5641.0, 5519.0, 5306.0, 5342.0, 5598.0, 5350.0, 5272.0, 5478.0, 5597.0, 5390.0, 5329.0, 5413.0, 5580.0, 5536.0, 5470.0, 5611.0, 5351.0, 5669.0, 5636.0, 5712.0, 5472.0, 5282.0, 5265.0, 5689.0, 5672.0, 5524.0, 5294.0, 5487.0, 5332.0, 5587.0, 5344.0, 5327.0, 5370.0, 5354.0, 5308.0, 5486.0, 5591.0, 5526.0, 5589.0, 5303.0, 5570.0, 5699.0, 5680.0, 5383.0, 5677.0, 5661.0, 5515.0, 5305.0, 5256.0, 5328.0, 5707.0, 5453.0, 5579.0, 5612.0, 5717.0, 5300.0, 5544.0, 5471.0, 5458.0, 5676.0, 5614.0, 5708.0, 5525.0, 5271.0, 5644.0, 5665.0, 5320.0, 5405.0, 5322.0, 5714.0, 5556.0, 5615.0, 5646.0, 5506.0, 5528.0, 5618.0, 5489.0, 5386.0, 5406.0, 5469.0, 5566.0, 5557.0, 5685.0, 5691.0, 5373.0, 5428.0, 5530.0, 5371.0, 5291.0, 5475.0, 5389.0, 5671.0, 5703.0, 5639.0, 5558.0, 5266.0, 5445.0, 5625.0, 5640.0, 5499.0 (number of hits: 3)
5	5280	9	1	333	1	5272.0, 5659.0, 5503.0, 5713.0, 5663.0, 5444.0, 5480.0, 5281.0, 5324.0, 5299.0, 5489.0, 5279.0, 5661.0, 5536.0, 5652.0, 5582.0, 5295.0, 5420.0, 5698.0, 5671.0, 5597.0, 5322.0, 5470.0, 5366.0, 5572.0, 5539.0, 5467.0, 5300.0, 5388.0, 5396.0, 5370.0, 5302.0, 5328.0, 5690.0, 5372.0, 5561.0, 5367.0, 5283.0, 5676.0, 5364.0, 5660.0, 5696.0, 5453.0, 5424.0, 5462.0, 5441.0, 5386.0, 5602.0, 5436.0, 5615.0, 5375.0, 5399.0, 5451.0, 5512.0, 5523.0, 5611.0, 5620.0, 5446.0, 5622.0, 5391.0, 5385.0, 5298.0, 5425.0, 5422.0, 5303.0, 5631.0, 5540.0, 5434.0, 5668.0, 5683.0, 5395.0, 5595.0, 5318.0, 5373.0, 5439.0, 5617.0, 5251.0, 5415.0, 5293.0, 5543.0, 5721.0, 5354.0, 5461.0, 5397.0, 5558.0, 5340.0, 5517.0, 5264.0, 5282.0, 5348.0, 5639.0, 5684.0, 5381.0, 5695.0, 5689.0, 5423.0, 5537.0, 5717.0, 5557.0, 5693.0 (number of hits: 5)
6	5280	9	1	333	1	5431.0, 5406.0, 5538.0, 5341.0, 5259.0, 5448.0, 5376.0, 5528.0, 5359.0, 5277.0, 5483.0, 5344.0, 5330.0, 5537.0, 5477.0, 5715.0, 5709.0, 5495.0, 5713.0, 5702.0, 5423.0, 5461.0, 5458.0, 5335.0, 5321.0, 5500.0, 5350.0, 5308.0, 5333.0, 5635.0, 5578.0, 5480.0, 5389.0, 5594.0, 5617.0, 5336.0, 5466.0, 5552.0, 5491.0, 5687.0,

						5434.0, 5299.0, 5349.0, 5348.0, 5355.0, 5352.0, 5557.0, 5418.0, 5468.0, 5446.0, 5278.0, 5601.0, 5579.0, 5254.0, 5422.0, 5541.0, 5286.0, 5698.0, 5331.0, 5712.0, 5646.0, 5289.0, 5676.0, 5628.0, 5686.0, 5708.0, 5347.0, 5304.0, 5677.0, 5380.0, 5463.0, 5281.0, 5454.0, 5264.0, 5593.0, 5371.0, 5574.0, 5558.0, 5381.0, 5551.0, 5457.0, 5268.0, 5484.0, 5512.0, 5598.0, 5661.0, 5317.0, 5682.0, 5714.0, 5443.0, 5659.0, 5637.0, 5460.0, 5306.0, 5707.0, 5365.0, 5267.0, 5570.0, 5485.0, 5390.0 (number of hits: 5)
7	5280	9	1	333	0	0
8	5280	9	1	333	1	5612.0, 5292.0, 5322.0, 5316.0, 5353.0, 5273.0, 5676.0, 5625.0, 5268.0, 5675.0, 5490.0, 5618.0, 5487.0, 5335.0, 5723.0, 5713.0, 5599.0, 5471.0, 5721.0, 5397.0, 5480.0, 5387.0, 5607.0, 5437.0, 5291.0, 5396.0, 5298.0, 5274.0, 5266.0, 5338.0, 5438.0, 5689.0, 5452.0, 5275.0, 5371.0, 5572.0, 5484.0, 5688.0, 5295.0, 5633.0, 5362.0, 5307.0, 5590.0, 5560.0, 5304.0, 5455.0, 5692.0, 5571.0, 5621.0, 5408.0, 5357.0, 5287.0, 5407.0, 5494.0, 5254.0, 5501.0, 5492.0, 5647.0, 5256.0, 5682.0, 5365.0, 5643.0, 5279.0, 5523.0, 5497.0, 5463.0, 5456.0, 5696.0, 5588.0, 5285.0, 5350.0, 5620.0, 5445.0, 5565.0, 5658.0, 5423.0, 5376.0, 5360.0, 5587.0, 5578.0, 5611.0, 5329.0, 5586.0, 5712.0, 5403.0, 5334.0, 5518.0, 5310.0, 5648.0, 5425.0, 5446.0, 5662.0, 5716.0, 5258.0, 5339.0, 5533.0, 5558.0, 5650.0, 5257.0, 5499.0 (number of hits: 6)
9	5280	9	1	333	1	5479.0, 5723.0, 5704.0, 5448.0, 5525.0, 5300.0, 5591.0, 5425.0, 5451.0, 5660.0, 5661.0, 5266.0, 5277.0, 5705.0, 5456.0, 5475.0, 5624.0, 5267.0, 5389.0, 5521.0, 5383.0, 5585.0, 5373.0, 5297.0, 5398.0, 5580.0, 5281.0, 5302.0, 5294.0, 5289.0, 5503.0, 5680.0, 5568.0, 5290.0, 5719.0, 5331.0, 5271.0, 5284.0, 5552.0, 5453.0, 5532.0, 5426.0, 5329.0, 5586.0, 5547.0, 5583.0, 5407.0, 5386.0, 5318.0, 5611.0, 5664.0, 5620.0, 5713.0, 5439.0, 5460.0, 5501.0, 5549.0, 5494.0, 5307.0, 5520.0, 5672.0, 5263.0, 5401.0, 5315.0, 5674.0, 5474.0, 5435.0, 5449.0, 5272.0, 5394.0, 5325.0, 5632.0, 5616.0, 5463.0, 5524.0, 5526.0, 5538.0, 5343.0, 5319.0, 5464.0, 5400.0, 5445.0, 5601.0, 5655.0, 5362.0, 5721.0, 5406.0, 5709.0, 5415.0, 5270.0, 5527.0, 5712.0, 5466.0, 5654.0, 5698.0, 5633.0, 5649.0, 5678.0, 5363.0, 5700.0 (number of hits: 7)
10	5280	9	1	333	1	5451.0, 5500.0, 5679.0, 5362.0, 5625.0, 5252.0, 5645.0, 5685.0, 5564.0, 5579.0, 5304.0, 5357.0, 5533.0, 5535.0, 5259.0,

						5264.0, 5623.0, 5333.0, 5609.0, 5527.0, 5312.0, 5275.0, 5398.0, 5687.0, 5499.0, 5602.0, 5587.0, 5683.0, 5572.0, 5700.0, 5280.0, 5505.0, 5523.0, 5332.0, 5511.0, 5431.0, 5390.0, 5266.0, 5276.0, 5712.0, 5378.0, 5546.0, 5474.0, 5692.0, 5642.0, 5423.0, 5380.0, 5272.0, 5434.0, 5353.0, 5475.0, 5686.0, 5358.0, 5520.0, 5674.0, 5610.0, 5386.0, 5682.0, 5689.0, 5702.0, 5448.0, 5606.0, 5605.0, 5510.0, 5603.0, 5452.0, 5516.0, 5341.0, 5557.0, 5294.0, 5626.0, 5261.0, 5297.0, 5660.0, 5351.0, 5583.0, 5371.0, 5302.0, 5385.0, 5714.0, 5678.0, 5548.0, 5476.0, 5433.0, 5542.0, 5384.0, 5373.0, 5672.0, 5340.0, 5263.0, 5586.0, 5394.0, 5491.0, 5688.0, 5634.0, 5666.0, 5697.0, 5469.0, 5503.0, 5441.0 (number of hits: 4)
11	5280	9	1	333	1	5648.0, 5352.0, 5340.0, 5571.0, 5594.0, 5442.0, 5417.0, 5562.0, 5394.0, 5469.0, 5267.0, 5299.0, 5633.0, 5456.0, 5318.0, 5515.0, 5538.0, 5690.0, 5282.0, 5288.0, 5613.0, 5528.0, 5614.0, 5570.0, 5428.0, 5608.0, 5521.0, 5535.0, 5418.0, 5385.0, 5402.0, 5389.0, 5580.0, 5591.0, 5537.0, 5491.0, 5688.0, 5567.0, 5543.0, 5620.0, 5465.0, 5699.0, 5707.0, 5679.0, 5300.0, 5512.0, 5260.0, 5654.0, 5539.0, 5551.0, 5347.0, 5709.0, 5706.0, 5643.0, 5652.0, 5395.0, 5431.0, 5370.0, 5368.0, 5627.0, 5298.0, 5503.0, 5714.0, 5585.0, 5574.0, 5572.0, 5665.0, 5664.0, 5662.0, 5449.0, 5265.0, 5568.0, 5462.0, 5468.0, 5360.0, 5556.0, 5694.0, 5630.0, 5532.0, 5397.0, 5599.0, 5427.0, 5563.0, 5507.0, 5520.0, 5369.0, 5361.0, 5576.0, 5506.0, 5645.0, 5560.0, 5281.0, 5420.0, 5463.0, 5533.0, 5561.0, 5412.0, 5321.0, 5670.0, 5328.0 (number of hits: 3)
12	5280	9	1	333	1	5411.0, 5294.0, 5463.0, 5673.0, 5354.0, 5265.0, 5702.0, 5542.0, 5332.0, 5549.0, 5264.0, 5480.0, 5707.0, 5403.0, 5704.0, 5470.0, 5296.0, 5353.0, 5329.0, 5696.0, 5379.0, 5339.0, 5462.0, 5382.0, 5667.0, 5252.0, 5567.0, 5573.0, 5362.0, 5387.0, 5559.0, 5291.0, 5445.0, 5449.0, 5503.0, 5666.0, 5477.0, 5637.0, 5589.0, 5393.0, 5669.0, 5435.0, 5490.0, 5660.0, 5684.0, 5367.0, 5310.0, 5627.0, 5255.0, 5685.0, 5446.0, 5398.0, 5421.0, 5352.0, 5318.0, 5715.0, 5622.0, 5378.0, 5635.0, 5313.0, 5616.0, 5560.0, 5383.0, 5722.0, 5668.0, 5686.0, 5452.0, 5623.0, 5547.0, 5592.0, 5665.0, 5493.0, 5404.0, 5695.0, 5607.0, 5469.0, 5297.0, 5599.0, 5522.0, 5644.0, 5333.0, 5268.0, 5326.0, 5478.0, 5553.0, 5458.0, 5708.0, 5455.0, 5488.0, 5675.0, 5406.0, 5554.0, 5617.0, 5335.0, 5287.0, 5552.0, 5579.0, 5355.0, 5415.0, 5288.0

						(number of hits: 2)
13	5280	9	1	333	1	5362.0, 5475.0, 5259.0, 5697.0, 5567.0, 5623.0, 5610.0, 5529.0, 5715.0, 5548.0, 5332.0, 5464.0, 5607.0, 5453.0, 5536.0, 5284.0, 5441.0, 5501.0, 5716.0, 5365.0, 5413.0, 5513.0, 5617.0, 5262.0, 5677.0, 5402.0, 5608.0, 5699.0, 5442.0, 5531.0, 5479.0, 5528.0, 5474.0, 5422.0, 5481.0, 5571.0, 5425.0, 5280.0, 5291.0, 5704.0, 5492.0, 5276.0, 5394.0, 5537.0, 5639.0, 5664.0, 5711.0, 5390.0, 5339.0, 5618.0, 5539.0, 5348.0, 5433.0, 5335.0, 5404.0, 5530.0, 5592.0, 5647.0, 5286.0, 5524.0, 5383.0, 5282.0, 5350.0, 5568.0, 5312.0, 5472.0, 5521.0, 5293.0, 5650.0, 5325.0, 5452.0, 5558.0, 5707.0, 5542.0, 5577.0, 5648.0, 5606.0, 5411.0, 5595.0, 5584.0, 5613.0, 5393.0, 5412.0, 5283.0, 5663.0, 5634.0, 5343.0, 5359.0, 5466.0, 5277.0, 5512.0, 5657.0, 5589.0, 5381.0, 5706.0, 5620.0, 5250.0, 5691.0, 5355.0, 5437.0 (number of hits: 7)
14	5280	9	1	333	1	5616.0, 5281.0, 5403.0, 5404.0, 5491.0, 5325.0, 5590.0, 5388.0, 5455.0, 5420.0, 5597.0, 5647.0, 5635.0, 5475.0, 5435.0, 5685.0, 5510.0, 5334.0, 5395.0, 5339.0, 5566.0, 5317.0, 5652.0, 5453.0, 5387.0, 5440.0, 5359.0, 5316.0, 5664.0, 5406.0, 5384.0, 5544.0, 5340.0, 5353.0, 5378.0, 5707.0, 5393.0, 5447.0, 5345.0, 5294.0, 5320.0, 5581.0, 5694.0, 5276.0, 5561.0, 5456.0, 5335.0, 5578.0, 5624.0, 5341.0, 5362.0, 5454.0, 5703.0, 5467.0, 5310.0, 5674.0, 5342.0, 5686.0, 5532.0, 5690.0, 5711.0, 5610.0, 5289.0, 5666.0, 5429.0, 5640.0, 5460.0, 5716.0, 5465.0, 5271.0, 5323.0, 5649.0, 5485.0, 5389.0, 5280.0, 5638.0, 5617.0, 5372.0, 5710.0, 5570.0, 5657.0, 5314.0, 5285.0, 5605.0, 5493.0, 5653.0, 5283.0, 5700.0, 5546.0, 5432.0, 5654.0, 5469.0, 5489.0, 5671.0, 5400.0, 5550.0, 5520.0, 5476.0, 5349.0, 5307.0 (number of hits: 7)
15	5280	9	1	333	1	5677.0, 5430.0, 5253.0, 5363.0, 5722.0, 5656.0, 5433.0, 5368.0, 5367.0, 5369.0, 5714.0, 5499.0, 5518.0, 5380.0, 5341.0, 5428.0, 5647.0, 5685.0, 5636.0, 5462.0, 5569.0, 5339.0, 5595.0, 5657.0, 5576.0, 5328.0, 5519.0, 5611.0, 5487.0, 5373.0, 5389.0, 5307.0, 5259.0, 5517.0, 5325.0, 5391.0, 5293.0, 5415.0, 5691.0, 5705.0, 5327.0, 5537.0, 5483.0, 5333.0, 5627.0, 5280.0, 5353.0, 5547.0, 5612.0, 5252.0, 5596.0, 5549.0, 5385.0, 5659.0, 5661.0, 5277.0, 5287.0, 5434.0, 5630.0, 5723.0, 5545.0, 5289.0, 5680.0, 5666.0, 5322.0, 5646.0, 5372.0, 5263.0, 5294.0, 5320.0, 5444.0, 5694.0, 5644.0, 5589.0, 5351.0, 5423.0, 5326.0, 5526.0, 5672.0, 5554.0,

						5641.0, 5256.0, 5566.0, 5649.0, 5708.0, 5346.0, 5445.0, 5331.0, 5523.0, 5571.0, 5302.0, 5720.0, 5459.0, 5466.0, 5716.0, 5496.0, 5687.0, 5615.0, 5682.0, 5501.0 (number of hits: 4)
16	5280	9	1	333	1	5402.0, 5490.0, 5707.0, 5337.0, 5265.0, 5643.0, 5290.0, 5374.0, 5515.0, 5428.0, 5710.0, 5653.0, 5411.0, 5370.0, 5549.0, 5513.0, 5594.0, 5502.0, 5602.0, 5412.0, 5319.0, 5268.0, 5631.0, 5516.0, 5382.0, 5401.0, 5601.0, 5693.0, 5322.0, 5634.0, 5561.0, 5362.0, 5526.0, 5469.0, 5554.0, 5674.0, 5360.0, 5666.0, 5667.0, 5472.0, 5349.0, 5698.0, 5651.0, 5555.0, 5642.0, 5273.0, 5691.0, 5617.0, 5505.0, 5326.0, 5397.0, 5465.0, 5260.0, 5387.0, 5720.0, 5403.0, 5675.0, 5570.0, 5455.0, 5388.0, 5331.0, 5655.0, 5353.0, 5334.0, 5351.0, 5701.0, 5623.0, 5632.0, 5324.0, 5396.0, 5584.0, 5369.0, 5431.0, 5600.0, 5517.0, 5543.0, 5575.0, 5291.0, 5625.0, 5714.0, 5537.0, 5619.0, 5418.0, 5399.0, 5386.0, 5320.0, 5330.0, 5639.0, 5458.0, 5293.0, 5314.0, 5443.0, 5407.0, 5649.0, 5615.0, 5509.0, 5576.0, 5283.0, 5626.0, 5355.0 (number of hits: 2)
17	5280	9	1	333	0	0
18	5280	9	1	333	1	5710.0, 5320.0, 5606.0, 5596.0, 5281.0, 5720.0, 5541.0, 5413.0, 5436.0, 5410.0, 5296.0, 5389.0, 5481.0, 5523.0, 5528.0, 5387.0, 5711.0, 5681.0, 5629.0, 5680.0, 5503.0, 5697.0, 5613.0, 5390.0, 5268.0, 5439.0, 5285.0, 5653.0, 5419.0, 5491.0, 5716.0, 5316.0, 5595.0, 5550.0, 5417.0, 5266.0, 5519.0, 5657.0, 5462.0, 5290.0, 5431.0, 5699.0, 5701.0, 5400.0, 5603.0, 5375.0, 5664.0, 5539.0, 5540.0, 5535.0, 5712.0, 5722.0, 5411.0, 5298.0, 5442.0, 5620.0, 5379.0, 5448.0, 5384.0, 5449.0, 5684.0, 5560.0, 5388.0, 5263.0, 5543.0, 5708.0, 5659.0, 5362.0, 5617.0, 5366.0, 5331.0, 5252.0, 5508.0, 5286.0, 5325.0, 5496.0, 5609.0, 5300.0, 5504.0, 5650.0, 5493.0, 5253.0, 5458.0, 5274.0, 5574.0, 5422.0, 5267.0, 5704.0, 5556.0, 5492.0, 5363.0, 5463.0, 5516.0, 5301.0, 5361.0, 5356.0, 5401.0, 5370.0, 5443.0, 5559.0 (number of hits: 4)
19	5280	9	1	333	1	5453.0, 5490.0, 5443.0, 5384.0, 5406.0, 5696.0, 5716.0, 5668.0, 5435.0, 5600.0, 5386.0, 5505.0, 5460.0, 5527.0, 5475.0, 5405.0, 5399.0, 5530.0, 5403.0, 5314.0, 5677.0, 5681.0, 5593.0, 5641.0, 5383.0, 5299.0, 5721.0, 5533.0, 5722.0, 5448.0, 5689.0, 5270.0, 5496.0, 5402.0, 5596.0, 5295.0, 5715.0, 5544.0, 5591.0, 5411.0, 5514.0, 5564.0, 5673.0, 5279.0, 5618.0, 5584.0, 5439.0, 5461.0, 5465.0, 5347.0, 5624.0, 5459.0, 5614.0, 5498.0, 5394.0,

						5272.0, 5606.0, 5655.0, 5611.0, 5476.0, 5325.0, 5491.0, 5517.0, 5275.0, 5290.0, 5580.0, 5412.0, 5479.0, 5509.0, 5720.0, 5407.0, 5255.0, 5697.0, 5441.0, 5503.0, 5667.0, 5345.0, 5261.0, 5327.0, 5610.0, 5281.0, 5671.0, 5378.0, 5549.0, 5628.0, 5456.0, 5436.0, 5303.0, 5515.0, 5252.0, 5528.0, 5644.0, 5653.0, 5567.0, 5338.0, 5309.0, 5313.0, 5604.0, 5659.0, 5705.0 (number of hits: 5)
20	5280	9	1	333	0	0
21	5280	9	1	333	1	5639.0, 5518.0, 5616.0, 5582.0, 5321.0, 5489.0, 5647.0, 5705.0, 5645.0, 5283.0, 5354.0, 5392.0, 5516.0, 5683.0, 5444.0, 5408.0, 5284.0, 5694.0, 5447.0, 5410.0, 5701.0, 5555.0, 5361.0, 5426.0, 5716.0, 5448.0, 5583.0, 5521.0, 5417.0, 5529.0, 5681.0, 5374.0, 5348.0, 5636.0, 5371.0, 5492.0, 5333.0, 5490.0, 5627.0, 5643.0, 5355.0, 5267.0, 5665.0, 5384.0, 5502.0, 5261.0, 5620.0, 5593.0, 5684.0, 5455.0, 5366.0, 5558.0, 5315.0, 5380.0, 5289.0, 5662.0, 5292.0, 5594.0, 5311.0, 5669.0, 5259.0, 5446.0, 5439.0, 5278.0, 5356.0, 5675.0, 5626.0, 5499.0, 5457.0, 5255.0, 5553.0, 5543.0, 5548.0, 5337.0, 5666.0, 5326.0, 5618.0, 5569.0, 5288.0, 5655.0, 5524.0, 5710.0, 5476.0, 5599.0, 5423.0, 5303.0, 5592.0, 5712.0, 5339.0, 5304.0, 5691.0, 5584.0, 5685.0, 5338.0, 5319.0, 5307.0, 5299.0, 5298.0, 5294.0, 5720.0 (number of hits: 5)
22	5280	9	1	333	1	5481.0, 5484.0, 5434.0, 5490.0, 5297.0, 5271.0, 5612.0, 5479.0, 5656.0, 5515.0, 5581.0, 5488.0, 5315.0, 5404.0, 5708.0, 5459.0, 5448.0, 5634.0, 5255.0, 5600.0, 5700.0, 5331.0, 5610.0, 5473.0, 5598.0, 5542.0, 5505.0, 5516.0, 5637.0, 5607.0, 5465.0, 5519.0, 5570.0, 5601.0, 5393.0, 5672.0, 5576.0, 5350.0, 5260.0, 5633.0, 5643.0, 5616.0, 5294.0, 5414.0, 5591.0, 5313.0, 5673.0, 5375.0, 5386.0, 5437.0, 5530.0, 5717.0, 5344.0, 5573.0, 5593.0, 5487.0, 5545.0, 5451.0, 5489.0, 5369.0, 5636.0, 5696.0, 5383.0, 5251.0, 5703.0, 5361.0, 5447.0, 5302.0, 5256.0, 5278.0, 5528.0, 5547.0, 5517.0, 5275.0, 5614.0, 5661.0, 5535.0, 5525.0, 5501.0, 5282.0, 5435.0, 5257.0, 5615.0, 5261.0, 5366.0, 5623.0, 5372.0, 5627.0, 5707.0, 5568.0, 5274.0, 5563.0, 5472.0, 5432.0, 5485.0, 5592.0, 5492.0, 5715.0, 5722.0, 5345.0 (number of hits: 5)
23	5280	9	1	333	1	5457.0, 5319.0, 5699.0, 5687.0, 5350.0, 5521.0, 5650.0, 5252.0, 5368.0, 5479.0, 5656.0, 5661.0, 5458.0, 5723.0, 5565.0, 5455.0, 5292.0, 5690.0, 5382.0, 5545.0, 5412.0, 5663.0, 5301.0, 5640.0, 5492.0, 5644.0, 5522.0, 5263.0, 5401.0, 5299.0,

						5436.0, 5695.0, 5557.0, 5411.0, 5616.0, 5614.0, 5583.0, 5639.0, 5305.0, 5662.0, 5647.0, 5713.0, 5473.0, 5540.0, 5334.0, 5567.0, 5314.0, 5631.0, 5602.0, 5408.0, 5648.0, 5627.0, 5449.0, 5664.0, 5669.0, 5552.0, 5311.0, 5686.0, 5481.0, 5702.0, 5423.0, 5269.0, 5683.0, 5608.0, 5543.0, 5303.0, 5275.0, 5660.0, 5569.0, 5467.0, 5431.0, 5262.0, 5256.0, 5383.0, 5528.0, 5267.0, 5624.0, 5553.0, 5697.0, 5674.0, 5378.0, 5564.0, 5499.0, 5298.0, 5321.0, 5297.0, 5278.0, 5289.0, 5385.0, 5566.0, 5308.0, 5415.0, 5700.0, 5257.0, 5337.0, 5484.0, 5595.0, 5533.0, 5417.0, 5422.0 (number of hits: 3)
24	5280	9	1	333	1	5585.0, 5511.0, 5566.0, 5642.0, 5697.0, 5419.0, 5350.0, 5593.0, 5336.0, 5317.0, 5404.0, 5688.0, 5292.0, 5481.0, 5719.0, 5259.0, 5667.0, 5583.0, 5680.0, 5682.0, 5666.0, 5312.0, 5337.0, 5386.0, 5715.0, 5400.0, 5294.0, 5675.0, 5426.0, 5383.0, 5627.0, 5305.0, 5333.0, 5340.0, 5612.0, 5335.0, 5487.0, 5438.0, 5699.0, 5508.0, 5611.0, 5545.0, 5598.0, 5405.0, 5581.0, 5502.0, 5628.0, 5661.0, 5264.0, 5402.0, 5572.0, 5548.0, 5463.0, 5275.0, 5371.0, 5653.0, 5721.0, 5448.0, 5657.0, 5289.0, 5714.0, 5373.0, 5480.0, 5303.0, 5375.0, 5557.0, 5359.0, 5652.0, 5609.0, 5328.0, 5444.0, 5358.0, 5604.0, 5486.0, 5353.0, 5452.0, 5406.0, 5299.0, 5262.0, 5541.0, 5595.0, 5369.0, 5278.0, 5468.0, 5380.0, 5344.0, 5575.0, 5497.0, 5309.0, 5297.0, 5630.0, 5387.0, 5710.0, 5475.0, 5341.0, 5478.0, 5670.0, 5600.0, 5713.0, 5551.0 (number of hits: 3)
25	5280	9	1	333	1	5613.0, 5256.0, 5328.0, 5665.0, 5543.0, 5570.0, 5548.0, 5472.0, 5389.0, 5264.0, 5399.0, 5285.0, 5476.0, 5625.0, 5259.0, 5724.0, 5686.0, 5493.0, 5432.0, 5562.0, 5591.0, 5620.0, 5534.0, 5554.0, 5287.0, 5503.0, 5362.0, 5506.0, 5453.0, 5637.0, 5257.0, 5298.0, 5267.0, 5677.0, 5408.0, 5332.0, 5553.0, 5527.0, 5474.0, 5395.0, 5664.0, 5424.0, 5269.0, 5343.0, 5618.0, 5374.0, 5636.0, 5551.0, 5368.0, 5478.0, 5468.0, 5703.0, 5329.0, 5336.0, 5561.0, 5484.0, 5385.0, 5342.0, 5321.0, 5563.0, 5274.0, 5320.0, 5670.0, 5461.0, 5644.0, 5704.0, 5590.0, 5706.0, 5680.0, 5428.0, 5705.0, 5350.0, 5401.0, 5252.0, 5302.0, 5373.0, 5353.0, 5409.0, 5384.0, 5589.0, 5645.0, 5254.0, 5356.0, 5628.0, 5402.0, 5414.0, 5431.0, 5397.0, 5440.0, 5719.0, 5268.0, 5712.0, 5498.0, 5688.0, 5683.0, 5679.0, 5593.0, 5700.0, 5367.0, 5406.0 (number of hits: 3)
26	5280	9	1	333	1	5465.0, 5490.0, 5618.0, 5277.0, 5379.0, 5373.0, 5537.0, 5374.0, 5703.0, 5432.0,

						5640.0, 5347.0, 5724.0, 5546.0, 5439.0, 5515.0, 5587.0, 5721.0, 5340.0, 5286.0, 5352.0, 5500.0, 5419.0, 5501.0, 5367.0, 5588.0, 5416.0, 5313.0, 5252.0, 5328.0, 5384.0, 5411.0, 5600.0, 5302.0, 5710.0, 5612.0, 5520.0, 5564.0, 5378.0, 5714.0, 5454.0, 5322.0, 5505.0, 5576.0, 5560.0, 5521.0, 5315.0, 5650.0, 5467.0, 5571.0, 5664.0, 5450.0, 5334.0, 5561.0, 5581.0, 5513.0, 5387.0, 5311.0, 5701.0, 5596.0, 5403.0, 5343.0, 5493.0, 5621.0, 5673.0, 5551.0, 5577.0, 5385.0, 5317.0, 5692.0, 5502.0, 5685.0, 5461.0, 5342.0, 5357.0, 5434.0, 5494.0, 5655.0, 5584.0, 5330.0, 5495.0, 5477.0, 5646.0, 5540.0, 5557.0, 5433.0, 5263.0, 5344.0, 5717.0, 5443.0, 5641.0, 5602.0, 5608.0, 5473.0, 5280.0, 5677.0, 5425.0, 5597.0, 5506.0, 5257.0 (number of hits: 3)
27	5280	9	1	333	1	5549.0, 5402.0, 5601.0, 5456.0, 5435.0, 5592.0, 5381.0, 5559.0, 5470.0, 5500.0, 5657.0, 5711.0, 5430.0, 5653.0, 5475.0, 5692.0, 5315.0, 5701.0, 5259.0, 5636.0, 5256.0, 5493.0, 5623.0, 5708.0, 5377.0, 5681.0, 5480.0, 5424.0, 5293.0, 5638.0, 5712.0, 5369.0, 5670.0, 5439.0, 5283.0, 5550.0, 5658.0, 5421.0, 5586.0, 5314.0, 5526.0, 5358.0, 5616.0, 5452.0, 5581.0, 5628.0, 5289.0, 5273.0, 5678.0, 5252.0, 5388.0, 5281.0, 5339.0, 5531.0, 5295.0, 5527.0, 5491.0, 5414.0, 5482.0, 5575.0, 5286.0, 5311.0, 5354.0, 5361.0, 5432.0, 5627.0, 5448.0, 5563.0, 5501.0, 5477.0, 5685.0, 5308.0, 5613.0, 5680.0, 5574.0, 5648.0, 5271.0, 5602.0, 5487.0, 5267.0, 5595.0, 5516.0, 5303.0, 5326.0, 5561.0, 5605.0, 5644.0, 5596.0, 5536.0, 5399.0, 5560.0, 5666.0, 5328.0, 5610.0, 5540.0, 5353.0, 5320.0, 5443.0, 5441.0, 5481.0 (number of hits: 6)
28	5280	9	1	333	1	5334.0, 5352.0, 5704.0, 5319.0, 5322.0, 5261.0, 5646.0, 5603.0, 5258.0, 5255.0, 5348.0, 5544.0, 5296.0, 5686.0, 5478.0, 5362.0, 5337.0, 5372.0, 5692.0, 5506.0, 5715.0, 5658.0, 5528.0, 5471.0, 5440.0, 5316.0, 5392.0, 5664.0, 5269.0, 5564.0, 5599.0, 5328.0, 5378.0, 5592.0, 5696.0, 5711.0, 5543.0, 5438.0, 5642.0, 5311.0, 5548.0, 5435.0, 5400.0, 5666.0, 5567.0, 5688.0, 5411.0, 5277.0, 5350.0, 5413.0, 5354.0, 5342.0, 5614.0, 5447.0, 5628.0, 5305.0, 5369.0, 5588.0, 5546.0, 5652.0, 5254.0, 5671.0, 5485.0, 5469.0, 5418.0, 5306.0, 5281.0, 5445.0, 5333.0, 5627.0, 5630.0, 5685.0, 5330.0, 5340.0, 5667.0, 5532.0, 5439.0, 5569.0, 5396.0, 5662.0, 5475.0, 5699.0, 5327.0, 5409.0, 5713.0, 5479.0, 5499.0, 5367.0, 5487.0, 5643.0, 5416.0, 5270.0, 5648.0, 5395.0, 5705.0,

						5530.0, 5408.0, 5587.0, 5514.0, 5577.0 (number of hits: 3)
29	5280	9	1	333	1	5651.0, 5554.0, 5665.0, 5626.0, 5442.0, 5355.0, 5567.0, 5690.0, 5286.0, 5620.0, 5533.0, 5549.0, 5480.0, 5281.0, 5334.0, 5603.0, 5319.0, 5691.0, 5325.0, 5310.0, 5265.0, 5552.0, 5441.0, 5590.0, 5601.0, 5622.0, 5468.0, 5565.0, 5702.0, 5705.0, 5594.0, 5614.0, 5553.0, 5660.0, 5288.0, 5385.0, 5596.0, 5635.0, 5643.0, 5487.0, 5378.0, 5634.0, 5376.0, 5676.0, 5276.0, 5649.0, 5436.0, 5461.0, 5718.0, 5445.0, 5354.0, 5329.0, 5447.0, 5348.0, 5714.0, 5251.0, 5317.0, 5346.0, 5511.0, 5679.0, 5663.0, 5423.0, 5674.0, 5331.0, 5474.0, 5301.0, 5320.0, 5254.0, 5490.0, 5386.0, 5542.0, 5368.0, 5429.0, 5367.0, 5279.0, 5312.0, 5484.0, 5704.0, 5636.0, 5658.0, 5388.0, 5629.0, 5675.0, 5486.0, 5420.0, 5453.0, 5425.0, 5435.0, 5257.0, 5459.0, 5384.0, 5274.0, 5599.0, 5541.0, 5262.0, 5263.0, 5450.0, 5457.0, 5275.0, 5489.0 (number of hits: 7)
30	5280	9	1	333	1	5520.0, 5687.0, 5322.0, 5541.0, 5408.0, 5349.0, 5564.0, 5457.0, 5255.0, 5537.0, 5503.0, 5508.0, 5627.0, 5356.0, 5473.0, 5394.0, 5459.0, 5428.0, 5665.0, 5620.0, 5426.0, 5363.0, 5656.0, 5515.0, 5647.0, 5605.0, 5719.0, 5462.0, 5280.0, 5253.0, 5342.0, 5593.0, 5371.0, 5269.0, 5476.0, 5278.0, 5443.0, 5386.0, 5565.0, 5628.0, 5483.0, 5590.0, 5546.0, 5431.0, 5532.0, 5441.0, 5712.0, 5365.0, 5683.0, 5455.0, 5289.0, 5686.0, 5435.0, 5401.0, 5494.0, 5526.0, 5433.0, 5335.0, 5418.0, 5578.0, 5497.0, 5549.0, 5430.0, 5500.0, 5659.0, 5530.0, 5270.0, 5440.0, 5667.0, 5308.0, 5550.0, 5646.0, 5633.0, 5446.0, 5297.0, 5466.0, 5553.0, 5706.0, 5380.0, 5383.0, 5291.0, 5690.0, 5469.0, 5445.0, 5657.0, 5708.0, 5610.0, 5685.0, 5616.0, 5654.0, 5629.0, 5325.0, 5257.0, 5450.0, 5514.0, 5442.0, 5460.0, 5722.0, 5364.0, 5478.0 (number of hits: 4)

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	93.3 %	60%	Pass
Type 4	30	86.7 %	60%	Pass
Aggregate (Type1 to 4)	120	95 %	80%	Pass
Type 5	30	93.3 %	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	86	1	618	1
2	5270	99	1	538	1
3	5270	58	1	918	1
4	5270	67	1	798	1
5	5270	70	1	758	1
6	5270	92	1	578	1
7	5270	83	1	638	1
8	5270	63	1	838	1
9	5270	95	1	558	1
10	5270	65	1	818	1
11	5270	57	1	938	1
12	5270	89	1	598	1
13	5270	61	1	878	1
14	5270	102	1	518	1
15	5270	74	1	718	1
16	5270	57	1	942	1
17	5270	56	1	952	1
18	5270	69	1	768	1
19	5270	18	1	2945	1
20	5270	24	1	2268	1
21	5270	74	1	714	1
22	5270	33	1	1639	1
23	5270	46	1	1157	1
24	5270	49	1	1094	1
25	5270	66	1	803	1
26	5270	81	1	655	1
27	5270	30	1	1781	1
28	5270	18	1	3018	1
29	5270	32	1	1677	1
30	5270	42	1	1258	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	28	4.5	203	1
2	5270	28	3.8	189	1
3	5270	25	4.7	157	1
4	5270	26	2	192	1
5	5270	27	3.1	213	1
6	5270	25	4.4	202	1
7	5270	25	4.6	164	1
8	5270	26	3	162	1
9	5270	29	4.6	188	1
10	5270	28	1.3	191	1
11	5270	24	1.2	196	1
12	5270	27	2.4	194	1
13	5270	27	2.1	167	1
14	5270	25	2.9	186	1
15	5270	24	3.7	209	1
16	5270	24	1.6	154	1
17	5270	27	4.9	207	1
18	5270	27	4.1	212	1
19	5270	23	3.9	174	1
20	5270	29	4.8	192	1
21	5270	27	4	161	1
22	5270	23	1.7	230	1
23	5270	28	1.7	204	1
24	5270	27	4.7	209	1
25	5270	25	2.7	206	1
26	5270	25	4.3	178	1
27	5270	23	1.9	155	1
28	5270	25	3	217	1
29	5270	29	1.9	215	1
30	5270	23	2.2	228	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	6.6	396	1
2	5270	18	7.7	460	1
3	5270	16	8.8	431	1
4	5270	18	6.9	226	1
5	5270	18	8.3	452	1
6	5270	18	8.5	232	1
7	5270	18	9.5	323	1
8	5270	16	8.8	200	1
9	5270	16	7.6	242	1
10	5270	17	8.7	493	1
11	5270	17	8.3	293	1
12	5270	17	6.4	490	1
13	5270	16	6.8	489	1
14	5270	16	7.9	238	1
15	5270	16	6.4	418	1
16	5270	18	9.1	463	1
17	5270	17	9.7	358	1
18	5270	18	9.1	222	0
19	5270	18	9.5	234	1
20	5270	18	7.7	206	0
21	5270	18	9.5	306	1
22	5270	16	6.1	284	1
23	5270	16	9.6	231	1
24	5270	17	9.8	234	1
25	5270	17	7.6	440	1
26	5270	16	6.7	363	1
27	5270	18	6.3	435	1
28	5270	16	7.9	315	1
29	5270	18	9.8	371	1
30	5270	18	8.2	279	1
Detection Percentage: 93.3 % (>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	16	18.9	283	1
2	5270	13	12.6	306	1
3	5270	13	12.2	487	0
4	5270	12	15.8	376	1
5	5270	13	18.2	364	1
6	5270	15	15.8	341	1
7	5270	14	14.8	345	1
8	5270	14	19.9	219	1
9	5270	16	13.8	323	1
10	5270	16	17.7	447	1
11	5270	12	16.6	454	1
12	5270	13	20	406	1
13	5270	12	17.1	204	1
14	5270	15	17.8	253	1
15	5270	16	13.1	290	1
16	5270	14	19.7	212	1
17	5270	16	17.7	301	1
18	5270	15	18.8	485	1
19	5270	12	12.2	227	1
20	5270	16	17.9	250	1
21	5270	12	12.9	468	0
22	5270	13	18	292	1
23	5270	16	16.8	466	1
24	5270	12	15.3	224	0
25	5270	13	18	378	1
26	5270	16	17.1	279	1
27	5270	13	17.3	306	1
28	5270	15	13.6	416	1
29	5270	13	17.8	233	1
30	5270	16	15.3	217	0
Detection Percentage: 86.7 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5270	1
2	5270	1
3	5270	1
4	5270	1
5	5270	0
6	5270	1
7	5270	1
8	5270	1
9	5270	1
10	5270	1
11	5254.2	1
12	5255	0
13	5259	1
14	5258.6	1
15	5255.8	1
16	5255.4	1
17	5253	1
18	5254.6	1
19	5253.8	1
20	5259	1
21	5281.8	0
22	5286.6	1
23	5285.4	1
24	5283	1
25	5281.8	1
26	5283.8	1
27	5285	1
28	5282.2	1
29	5284.2	1
30	5284.6	1
Detection Percentage: 93.3 % (>80%)		

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	3	8	73.1	1615	1115	0.012488	
1	1	8	52.7			1.169765	
2	1	8	52			1.417927	
3	2	8	81.6	1520		2.208228	
4	2	8	97.6	1328		3.327714	
5	3	8	64.9	1034	1202	3.726522	
6	1	8	60.6			4.384796	
7	3	8	78.2	1025	1222	5.016757	
8	2	8	85	1016		5.779244	1
9	2	8	74.7	1582		6.79222	
10	2	8	99.7	1817		7.18975	
11	2	8	75.9	1343		7.883074	
12	2	8	91.9	1448		8.722194	
13	1	8	91.2			9.742518	
14	2	8	69.7	1728		10.519516	
15	2	8	58.8	1022		10.798643	
16	1	8	96.4			11.936898	

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	60.7	1619		0.201921	
1	1	10	94.7			1.286142	
2	2	10	55.1	1553		1.710895	
3	3	10	70.1	1779	1076	2.526185	
4	2	10	97.9	1214		3.702469	
5	2	10	72.5	1131		3.955389	
6	2	10	71.2	1530		4.797816	
7	3	10	97.2	1155	1035	5.949766	
8	2	10	61.2	1855		6.629758	1
9	3	10	75.5	1050	1371	7.400122	
10	2	10	50.8	1122		8.132721	
11	3	10	83.9	1212	1127	8.993089	
12	1	10	70.7			9.74029	
13	2	10	53.1	1307		10.133952	
14	2	10	69	1425		10.98343	
15	2	10	53	1573		11.67496	

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	14	60.2	1705		0.257324	
1	3	14	62.2	1542	1626	0.648934	
2	2	14	91.5	1703		1.778003	
3	2	14	78.6	1125		1.917116	
4	1	14	50.9			2.979979	
5	3	14	91.1	1593	1016	3.697461	
6	3	14	88.7	1596	1535	4.094759	
7	2	14	86.7	1023		4.761898	
8	2	14	90	1898		5.523021	
9	2	14	52.7	1073		5.743822	1
10	3	14	58.1	1085	1779	6.757721	
11	2	14	82.2	1936		7.095305	
12	3	14	85.3	1337	1781	7.941438	
13	2	14	72.7	1577		8.558442	
14	2	14	79.8	1141		9.0459	
15	3	14	57.7	1583	1209	9.911702	
16	3	14	76.5	1127	1885	10.554395	
17	2	14	73.8	1333		11.257583	
18	2	14	87.8	1896		11.504724	

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	12	55.6	1001		0.247235	
1	2	12	85.7	1195		1.087419	
2	3	12	79.4	1499	1431	2.908543	
3	2	12	97.4	1819		3.964215	
4	3	12	82.1	1798	1925	4.46686	
5	1	12	88.7			5.152194	
6	3	12	58.1	1011	1509	6.248303	1
7	2	12	55.7	1955		7.564474	
8	3	12	85.5	1984	1852	8.535016	
9	2	12	97.8	1295		9.752768	
10	1	12	81.9			10.453149	
11	2	12	61.2	1719		11.642086	

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	19	54.1	1183	1686	0.298855	1
1	1	19	71.3			1.380811	
2	1	19	84.3			2.229421	
3	3	19	90.4	1319	1690	2.279221	
4	2	19	51.5	1485		3.41412	
5	2	19	53	1939		4.30151	
6	2	19	86.2	1600		4.949218	
7	2	19	66.3	1266		5.388546	
8	2	19	92.4	1570		6.306016	
9	2	19	55.1	1052		7.192741	
10	2	19	98.5	1673		7.662335	
11	1	19	97.5			8.930449	
12	2	19	86.7	1789		9.305493	
13	3	19	87.4	1888	1899	10.07327	
14	2	19	80.4	1229		10.785623	
15	3	19	62.8	1061	1832	11.71297	

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	12	51.9	1475		0.22503	1
1	2	12	66.3	1962		1.193017	
2	2	12	70.9	1295		1.986835	
3	2	12	97.4	1632		2.532152	
4	3	12	94.1	1466	1108	2.879549	
5	2	12	60.8	1986		3.44973	
6	2	12	76	1088		4.247719	
7	2	12	69.4	1241		4.781754	
8	2	12	52.5	1538		5.441358	
9	2	12	63.7	1799		6.440168	
10	3	12	97.4	1923	1482	7.091373	
11	2	12	50.7	1584		7.897234	
12	2	12	83.1	1074		8.447866	
13	3	12	98.6	1389	1967	9.301714	
14	2	12	68.1	1319		9.945757	
15	1	12	74.7			10.160739	
16	2	12	58.7	1418		11.250313	
17	3	12	77.8	1894	1647	11.648656	

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	6	65.1			0.494169	
1	2	6	56.6	1519		1.190209	
2	1	6	65.7			1.410737	
3	2	6	58.2	1622		2.197355	
4	1	6	72.5			3.013835	
5	1	6	68.3			3.524164	
6	2	6	94.4	1062		4.459495	
7	1	6	64.9			5.214708	
8	1	6	63.5			5.98404	
9	3	6	55.9	1881	1401	6.210047	1
10	1	6	95.9			6.781676	
11	3	6	94.9	1137	1344	7.442605	
12	2	6	57.3	1333		8.123218	
13	3	6	62.1	1801	1767	9.199034	
14	1	6	80.8			9.502343	
15	1	6	82.1			10.184397	
16	2	6	69	1736		10.922027	
17	3	6	55	1375	1172	11.819636	

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	7	95.3	1273		0.545675	
1	2	7	74.4	1784		1.195801	
2	1	7	61.1			1.547861	
3	2	7	95.8	1935		2.335695	
4	3	7	62.2	1822	1658	2.858045	
5	1	7	91.8			3.936543	
6	1	7	79.3			4.357882	
7	2	7	51.1	1611		5.452681	
8	2	7	90.6	1828		5.931972	1
9	3	7	82.9	1814	1308	7.046833	
10	1	7	82.8			7.420758	
11	2	7	54	1594		7.89222	
12	3	7	54.2	1170	1281	8.487644	
13	2	7	76	1254		9.604028	
14	1	7	95.6			10.134104	
15	2	7	88.2	1196		11.136046	
16	3	7	60.9	1169	1570	11.928003	

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	8	84.3	1150		0.316159	
1	2	8	54.9	1609		1.118907	
2	1	8	89.6			1.834679	
3	2	8	50.6	1668		2.28392	
4	1	8	89.4			2.964596	
5	3	8	56.1	1500	1386	3.669528	
6	2	8	71.7	1601		3.979495	
7	1	8	88.6			4.764453	
8	3	8	77.9	1772	1004	5.163764	
9	2	8	97.1	1165		6.160935	1
10	1	8	52			6.351349	
11	3	8	97	1612	1902	6.986233	
12	1	8	81			8.12015	
13	2	8	80.2	1938		8.27388	
14	3	8	61.9	1273	1466	9.018683	
15	2	8	77.8	1867		9.92173	
16	1	8	71.1			10.397113	
17	3	8	63.8	1091	1741	10.934293	
18	3	8	87.4	1156	1825	11.787361	

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	20	69.3	1104		0.3756	1
1	3	20	66.1	1727	1528	1.241058	
2	3	20	86.3	1358	1730	1.936232	
3	2	20	58.5	1043		2.517346	
4	2	20	67.2	1407		2.946841	
5	1	20	72			3.780769	
6	2	20	95.2	1047		4.185405	
7	2	20	77.4	1809		5.266756	
8	2	20	85.9	1142		5.361711	
9	2	20	69.4	1443		6.222237	
10	2	20	99.7	1300		7.002128	
11	3	20	62.9	1921	1032	7.903871	
12	2	20	76.4	1912		8.345404	
13	3	20	77.6	1240	1913	9.207719	
14	3	20	52.1	1838	1360	9.935363	
15	1	20	80.2			10.405171	
16	3	20	95.1	1232	1340	11.28694	
17	2	20	97.2	1532		11.519673	

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	8	56.6	1457		0.325848	1
1	3	8	56	1244	1783	0.811691	
2	2	8	80.7	1967		2.18788	
3	3	8	54.1	1186	1268	2.668746	
4	1	8	99.4			3.72619	
5	3	8	74.3	1119	1512	3.895205	
6	1	8	90.9			5.166899	
7	2	8	88.2	1250		5.507084	
8	2	8	85.4	1818		6.020003	
9	3	8	51.9	1601	1004	7.203608	
10	3	8	92.6	1353	1357	7.820242	
11	3	8	71.8	1035	1302	8.519956	
12	2	8	81.9	1568		9.344391	
13	2	8	51	1938		10.358135	
14	2	8	70	1105		11.114256	
15	2	8	72.2	1918		11.464455	

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	1	10	60.2			0.560516	0
1	1	10	61.1			2.300595	
2	1	10	78.6			3.061617	
3	2	10	53.8	1899		4.649102	
4	1	10	58.9			5.13194	
5	3	10	73.7	1005	1310	6.537771	
6	3	10	51.5	1818	1649	7.436543	
7	2	10	57.5	1096		9.577132	
8	1	10	77.6			10.024322	
9	2	10	85.1	1743		11.649797	

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	20	54			0.043655	1
1	2	20	95	1074		2.299689	
2	3	20	75.2	1171	1327	3.073519	
3	1	20	77.6			5.721501	
4	2	20	60.5	1443		7.048177	
5	2	20	51.8	1464		7.540776	
6	2	20	70.4	1263		9.085633	
7	2	20	93.2	1602		11.985168	

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	2	19	75.5	1948		0.407827	
1	1	19	80.7			1.271748	
2	1	19	86.5			1.530058	
3	3	19	94.7	1301	1412	2.245657	
4	1	19	53			2.863819	
5	3	19	73.3	1561	1066	3.727825	
6	1	19	59.8			4.485038	
7	3	19	57.2	1440	1503	5.046477	
8	2	19	72.5	1842		6.247747	1
9	3	19	60.2	1887	1746	6.559202	
10	2	19	66.9	1639		7.543215	
11	2	19	87	1600		8.30968	
12	2	19	54.5	1630		8.740754	
13	3	19	88.3	1630	1797	9.288212	
14	2	19	72.6	1726		10.267899	
15	1	19	72.1			11.17298	
16	3	19	82.2	1567	1921	11.349441	

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	12	66.7	1241	1679	0.570487	
1	2	12	73.3	1723		0.883508	
2	3	12	73.1	1140	1512	1.888738	
3	2	12	83.2	1222		2.8107	
4	2	12	66.7	1547		3.752277	
5	2	12	71.9	1144		4.577169	
6	3	12	67.2	1330	1716	5.14206	
7	1	12	75.1			6.018127	1
8	1	12	50.2			6.499211	
9	1	12	51.4			7.47039	
10	1	12	87.3			8.133306	
11	2	12	60.4	1092		8.901184	
12	3	12	84.4	1855	1737	10.279613	
13	2	12	51.6	1902		10.440786	
14	3	12	98.6	1112	1355	11.625199	

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	60.5			0.385225	
1	2	11	81.3	1457		1.352717	
2	3	11	77	1763	1313	1.756455	
3	1	11	72.8			2.749765	
4	2	11	77.9	1250		3.262054	
5	3	11	81.7	1729	1429	4.116113	
6	2	11	65.5	1898		4.96134	
7	2	11	65.8	1041		6.293567	1
8	3	11	82.2	1903	1580	6.746708	
9	2	11	87.2	1243		7.837943	
10	2	11	99.6	1694		8.350506	
11	1	11	63.2			9.270621	
12	1	11	60.6			9.616357	
13	2	11	81.4	1303		10.410357	
14	1	11	85.4			11.284935	

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	78.6			0.381641	
1	3	5	58.5	1104	1039	2.102969	
2	2	5	63.7	1986		2.719417	
3	1	5	93.3			3.802395	
4	2	5	70.3	1071		5.061617	
5	3	5	58.7	1900	1729	6.498856	1
6	2	5	69	1118		8.23037	
7	2	5	68.8	1163		8.46899	
8	2	5	80	1478		10.346858	
9	2	5	87.4	1091		11.063042	

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	9	54			0.275709	
1	1	9	60.1			1.114118	
2	2	9	72.8	1885		1.45665	
3	3	9	79.7	1597	1386	2.384124	
4	2	9	82.8	1338		3.049834	
5	3	9	93.8	1659	1043	3.248509	
6	2	9	81.8	1152		3.847629	
7	1	9	81.2			4.557696	
8	1	9	95.3			5.217307	
9	2	9	66.9	1856		5.936875	1
10	3	9	73.7	1822	1131	6.566127	
11	3	9	65.9	1007	1497	7.556684	
12	1	9	50.1			7.716876	
13	2	9	60.1	1043		8.689581	
14	3	9	54.2	1000	1668	9.139959	
15	3	9	52	1264	1798	9.838221	
16	3	9	62.1	1930	1550	10.474025	
17	2	9	85	1226		11.016981	
18	3	9	77.8	1921	1902	11.889736	

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	7	95.6			0.433976	
1	1	7	84.6			0.920146	
2	2	7	58.9	1961		1.581249	
3	3	7	70.6	1199	1352	2.463578	
4	2	7	53.7	1851		3.173209	
5	2	7	72.9	1420		4.4058	
6	2	7	53.2	1010		4.523784	
7	2	7	67.3	1495		5.535203	
8	2	7	96.6	1592		6.222841	1
9	2	7	53.4	1925		7.219356	
10	2	7	92.8	1184		7.936167	
11	3	7	51.1	1526	1542	8.525986	
12	3	7	84.6	1510	1289	9.407455	
13	2	7	69.5	1782		10.050351	
14	3	7	66.5	1636	1434	11.114869	
15	3	7	83.5	1861	1778	11.602456	

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	20	67.7	1770		1.199712	
1	2	20	96.7	1787		2.457906	
2	2	20	62.8	1805		3.258504	
3	2	20	92.7	1963		5.248651	
4	2	20	86.9	1408		6.357111	1
5	2	20	81.5	1866		7.164794	
6	2	20	82.2	1625		8.445459	
7	2	20	74	1506		10.027138	
8	1	20	99.6			10.857154	

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	18	65.6	1279		0.551156	
1	2	18	88.2	1967		2.083323	
2	1	18	81.8			3.95367	
3	2	18	78.5	1601		4.713841	
4	1	18	52.7			6.49909	0
5	1	18	59.9			8.439802	
6	2	18	64.6	1777		10.037428	
7	2	18	79.9	1197		11.952633	

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	55.5	1226		0.479664	
1	3	6	52.8	1666	1471	1.117728	
2	2	6	88.8	1834		2.225234	
3	1	6	71.5			2.979166	
4	3	6	75.9	1612	1729	3.890443	
5	3	6	66.8	1189	1900	4.825883	
6	2	6	50.5	1427		5.665144	1
7	1	6	69.1			7.323414	
8	3	6	95.3	1907	1216	7.560074	
9	2	6	62.1	1545		8.403713	
10	1	6	82			9.613867	
11	2	6	62.9	1264		10.503801	
12	3	6	77.3	1608	1983	11.918553	

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	9	96.2	1401		0.219584	1
1	2	9	53	1113		1.428602	
2	1	9	55.1			1.763938	
3	2	9	66.1	1463		2.795239	
4	2	9	92.3	1345		3.250149	
5	3	9	51.8	1336	1987	4.139422	
6	3	9	95.7	1609	1221	5.042253	
7	2	9	66.3	1579		5.689088	
8	2	9	64.7	1543		6.070958	
9	1	9	72.9			7.398527	
10	1	9	55.6			8.141401	
11	2	9	54.2	1205		8.40891	
12	3	9	57.7	1513	1279	9.087636	
13	1	9	86.4			10.027464	
14	2	9	84.9	1158		10.942482	
15	1	9	50.8			11.641039	

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	61.9			0.279719	1
1	2	15	96.2	1085		1.582096	
2	2	15	92.2	1328		2.572961	
3	1	15	67.4			4.024469	
4	2	15	98.6	1525		5.252682	
5	2	15	71.5	1185		6.345219	
6	2	15	99.6	1657		6.722502	
7	2	15	63.5	1194		8.289312	
8	2	15	50.2	1460		9.624404	
9	2	15	79.5	1406		10.894492	
10	1	15	95.2			11.737691	

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	18	80	1573		0.644574	1
1	2	18	68.6	1658		1.076117	
2	1	18	84			2.476567	
3	1	18	81.9			3.706853	
4	3	18	69	1817	1465	4.44484	
5	3	18	60.2	1056	1017	5.839966	
6	2	18	65.1	1710		6.489252	
7	3	18	62.5	1218	1724	7.3438	
8	2	18	73.1	1984		8.78483	
9	1	18	96.9			9.24075	
10	2	18	75.8	1948		10.087584	
11	2	18	70.2	1847		11.002618	

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	13	80.2	1443	1614	0.05544	1
1	2	13	74.2	1496		1.228524	
2	2	13	71.6	1065		1.966651	
3	1	13	78.7			2.695328	
4	2	13	59.7	1099		3.097841	
5	2	13	87.9	1454		4.338011	
6	1	13	66.1			4.704404	
7	2	13	97.3	1799		5.641829	
8	1	13	51.7			6.719874	
9	1	13	51.7			6.92051	
10	2	13	91.4	1734		7.559637	
11	2	13	76.6	1023		8.617045	
12	1	13	85.3			9.42619	
13	1	13	58.3			10.256492	
14	2	13	74.1	1880		10.935274	
15	3	13	64.9	1210	1030	11.817398	

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	10	88.7	1631		0.39557	1
1	2	10	62.3	1785		1.085073	
2	2	10	82.3	1718		2.472301	
3	1	10	82.8			2.858652	
4	3	10	67.9	1806	1634	3.953804	
5	2	10	90.7	1272		4.318329	
6	2	10	55.9	1228		5.817446	
7	2	10	69.1	1587		6.266805	
8	2	10	53	1818		7.262421	
9	1	10	54.1			8.44152	
10	2	10	67.8	1520		8.975047	
11	3	10	74.1	1666	1177	9.818763	
12	2	10	80.8	1254		10.533487	
13	3	10	70.9	1073	1840	11.836103	

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	17	63.7			0.148581	1
1	2	17	77	1916		1.236673	
2	2	17	54.1	1924		2.363352	
3	2	17	63.3	1271		3.032314	
4	3	17	95.2	1082	1018	4.068534	
5	2	17	63.6	1191		5.310057	
6	2	17	79.6	1568		6.585572	
7	2	17	88.5	1210		7.898426	
8	2	17	88	1640		8.144391	
9	2	17	99.3	1886		9.463352	
10	3	17	80.1	1385	1490	10.238798	
11	2	17	55.1	1788		11.057898	

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	12	61.3			0.23237	
1	3	12	51.5	1264	1536	1.150665	
2	3	12	68.5	1803	1871	2.551514	
3	2	12	88.6	1520		3.181641	
4	2	12	82.1	1204		4.942971	
5	2	12	56	1531		5.507365	
6	3	12	75.2	1872	1350	6.205691	1
7	2	12	56	1242		7.463673	
8	1	12	87.4			8.891446	
9	3	12	63	1360	1241	9.133622	
10	1	12	87.5			10.556632	
11	2	12	87.9	1060		11.386309	

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	11	53.4	1937	1808	0.334516	
1	1	11	73.7			1.105185	
2	2	11	87.5	1363		1.406697	
3	2	11	79.8	1974		1.947101	
4	2	11	62.8	1263		2.815943	
5	2	11	65.7	1212		3.359365	
6	1	11	80.3			4.09157	
7	2	11	85.7	1550		4.775117	
8	1	11	95.5			5.635569	
9	2	11	68.9	1069		5.932172	1
10	2	11	78.3	1178		6.718348	
11	1	11	83.2			7.524154	
12	2	11	77.8	1812		8.141701	
13	3	11	66.2	1576	1714	8.269547	
14	2	11	72.2	1594		9.468453	
15	2	11	94.5	1600		9.526125	
16	3	11	53.7	1594	1048	10.328368	
17	3	11	97.5	1101	1116	10.789332	
18	1	11	57.6			11.60535	

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	5345.0, 5392.0, 5617.0, 5258.0, 5269.0, 5481.0, 5622.0, 5303.0, 5503.0, 5517.0, 5415.0, 5594.0, 5270.0, 5368.0, 5282.0, 5659.0, 5711.0, 5536.0, 5530.0, 5611.0, 5464.0, 5683.0, 5453.0, 5265.0, 5271.0, 5613.0, 5299.0, 5325.0, 5698.0, 5323.0, 5621.0, 5678.0, 5556.0, 5432.0, 5358.0, 5564.0, 5374.0, 5369.0, 5597.0, 5661.0, 5616.0, 5313.0, 5684.0, 5697.0, 5640.0, 5422.0, 5273.0, 5566.0, 5598.0, 5633.0, 5563.0, 5440.0, 5337.0, 5448.0, 5401.0, 5494.0, 5706.0, 5561.0, 5364.0, 5665.0, 5397.0, 5255.0, 5483.0, 5515.0, 5685.0, 5275.0, 5720.0, 5411.0, 5708.0, 5427.0, 5712.0, 5450.0, 5361.0, 5377.0, 5526.0, 5357.0, 5298.0, 5445.0, 5264.0, 5309.0, 5539.0, 5666.0, 5560.0, 5493.0, 5354.0, 5518.0, 5296.0, 5344.0, 5719.0, 5553.0, 5596.0, 5408.0, 5347.0, 5643.0, 5460.0, 5363.0, 5585.0, 5286.0, 5532.0, 5293.0 (number of hits: 11)
2	5270	9	1	333	1	5667.0, 5436.0, 5592.0, 5375.0, 5433.0, 5608.0, 5620.0, 5275.0, 5602.0, 5426.0, 5290.0, 5473.0, 5652.0, 5511.0, 5289.0, 5344.0, 5679.0, 5315.0, 5368.0, 5269.0, 5391.0, 5462.0, 5579.0, 5527.0, 5444.0, 5575.0, 5576.0, 5358.0, 5604.0, 5418.0, 5256.0, 5311.0, 5386.0, 5492.0, 5292.0, 5540.0, 5537.0, 5544.0, 5484.0, 5488.0, 5682.0, 5535.0, 5551.0, 5280.0, 5560.0, 5508.0, 5633.0, 5467.0, 5513.0, 5487.0, 5349.0, 5668.0, 5263.0, 5563.0, 5454.0, 5260.0, 5694.0, 5601.0, 5674.0, 5413.0, 5322.0, 5505.0, 5697.0, 5281.0, 5636.0, 5541.0, 5644.0, 5273.0, 5251.0, 5610.0, 5274.0, 5257.0, 5496.0, 5294.0, 5342.0, 5493.0, 5539.0, 5700.0, 5378.0, 5550.0, 5536.0, 5272.0, 5333.0, 5658.0, 5555.0, 5691.0, 5514.0, 5419.0, 5363.0, 5656.0, 5460.0, 5475.0, 5414.0, 5366.0, 5568.0, 5288.0, 5624.0, 5629.0, 5364.0, 5440.0 (number of hits: 14)
3	5270	9	1	333	1	5653.0, 5636.0, 5615.0, 5664.0, 5608.0, 5374.0, 5549.0, 5293.0, 5475.0, 5482.0, 5385.0, 5625.0, 5633.0, 5628.0, 5723.0, 5487.0, 5411.0, 5441.0, 5307.0, 5412.0, 5315.0, 5656.0, 5557.0, 5503.0, 5591.0, 5439.0, 5680.0, 5550.0, 5603.0, 5622.0, 5286.0, 5461.0, 5470.0, 5573.0, 5446.0, 5437.0, 5585.0, 5384.0, 5429.0, 5369.0, 5540.0, 5559.0, 5517.0, 5684.0, 5561.0, 5695.0, 5401.0, 5528.0, 5265.0, 5568.0, 5373.0, 5442.0, 5377.0, 5376.0, 5682.0,

						5406.0, 5654.0, 5500.0, 5413.0, 5708.0, 5652.0, 5616.0, 5586.0, 5602.0, 5283.0, 5713.0, 5641.0, 5507.0, 5313.0, 5488.0, 5525.0, 5551.0, 5683.0, 5405.0, 5381.0, 5544.0, 5624.0, 5604.0, 5483.0, 5659.0, 5710.0, 5351.0, 5493.0, 5531.0, 5610.0, 5492.0, 5506.0, 5600.0, 5392.0, 5277.0, 5505.0, 5509.0, 5336.0, 5480.0, 5638.0, 5576.0, 5359.0, 5673.0, 5428.0, 5595.0 (number of hits: 4)
4	5270	9	1	333	1	5604.0, 5598.0, 5353.0, 5716.0, 5332.0, 5561.0, 5680.0, 5461.0, 5454.0, 5622.0, 5517.0, 5364.0, 5359.0, 5589.0, 5502.0, 5524.0, 5441.0, 5315.0, 5303.0, 5305.0, 5545.0, 5637.0, 5347.0, 5605.0, 5343.0, 5585.0, 5633.0, 5350.0, 5360.0, 5522.0, 5597.0, 5614.0, 5436.0, 5460.0, 5271.0, 5707.0, 5357.0, 5478.0, 5452.0, 5624.0, 5388.0, 5480.0, 5657.0, 5554.0, 5467.0, 5476.0, 5552.0, 5394.0, 5477.0, 5362.0, 5559.0, 5643.0, 5465.0, 5629.0, 5319.0, 5620.0, 5686.0, 5710.0, 5603.0, 5565.0, 5493.0, 5617.0, 5591.0, 5265.0, 5628.0, 5669.0, 5576.0, 5700.0, 5566.0, 5714.0, 5626.0, 5356.0, 5327.0, 5348.0, 5689.0, 5507.0, 5610.0, 5293.0, 5273.0, 5695.0, 5625.0, 5266.0, 5444.0, 5294.0, 5587.0, 5498.0, 5261.0, 5692.0, 5369.0, 5688.0, 5366.0, 5373.0, 5592.0, 5309.0, 5515.0, 5351.0, 5345.0, 5281.0, 5435.0, 5501.0 (number of hits: 6)
5	5270	9	1	333	1	5596.0, 5436.0, 5713.0, 5554.0, 5539.0, 5252.0, 5335.0, 5548.0, 5650.0, 5346.0, 5293.0, 5338.0, 5270.0, 5685.0, 5670.0, 5381.0, 5299.0, 5651.0, 5273.0, 5307.0, 5535.0, 5362.0, 5665.0, 5286.0, 5717.0, 5569.0, 5424.0, 5555.0, 5463.0, 5408.0, 5709.0, 5506.0, 5468.0, 5532.0, 5444.0, 5633.0, 5544.0, 5540.0, 5702.0, 5295.0, 5440.0, 5677.0, 5604.0, 5326.0, 5579.0, 5344.0, 5541.0, 5551.0, 5364.0, 5626.0, 5300.0, 5263.0, 5410.0, 5351.0, 5427.0, 5349.0, 5656.0, 5597.0, 5538.0, 5576.0, 5471.0, 5257.0, 5715.0, 5598.0, 5678.0, 5495.0, 5711.0, 5433.0, 5292.0, 5514.0, 5407.0, 5374.0, 5334.0, 5409.0, 5478.0, 5503.0, 5445.0, 5437.0, 5267.0, 5339.0, 5691.0, 5629.0, 5358.0, 5513.0, 5580.0, 5706.0, 5266.0, 5254.0, 5722.0, 5695.0, 5378.0, 5400.0, 5564.0, 5624.0, 5636.0, 5705.0, 5312.0, 5458.0, 5415.0, 5581.0 (number of hits: 9)
6	5270	9	1	333	1	5309.0, 5335.0, 5539.0, 5573.0, 5487.0, 5606.0, 5467.0, 5433.0, 5359.0, 5621.0, 5527.0, 5345.0, 5445.0, 5574.0, 5515.0, 5647.0, 5528.0, 5616.0, 5681.0, 5602.0, 5420.0, 5328.0, 5316.0, 5565.0, 5260.0, 5680.0, 5431.0, 5520.0, 5721.0, 5583.0, 5319.0, 5492.0, 5566.0, 5372.0, 5554.0,

						5264.0, 5622.0, 5265.0, 5324.0, 5686.0, 5486.0, 5525.0, 5271.0, 5714.0, 5273.0, 5484.0, 5672.0, 5415.0, 5717.0, 5261.0, 5332.0, 5272.0, 5379.0, 5490.0, 5413.0, 5422.0, 5708.0, 5402.0, 5633.0, 5669.0, 5547.0, 5513.0, 5424.0, 5650.0, 5355.0, 5452.0, 5671.0, 5608.0, 5670.0, 5569.0, 5493.0, 5458.0, 5429.0, 5407.0, 5640.0, 5579.0, 5663.0, 5609.0, 5391.0, 5396.0, 5626.0, 5678.0, 5605.0, 5599.0, 5570.0, 5582.0, 5508.0, 5695.0, 5651.0, 5297.0, 5385.0, 5594.0, 5308.0, 5472.0, 5303.0, 5659.0, 5259.0, 5430.0, 5577.0, 5684.0 (number of hits: 8)
7	5270	9	1	333	1	5665.0, 5629.0, 5717.0, 5404.0, 5508.0, 5559.0, 5253.0, 5620.0, 5510.0, 5306.0, 5650.0, 5286.0, 5628.0, 5464.0, 5279.0, 5503.0, 5677.0, 5522.0, 5698.0, 5513.0, 5676.0, 5361.0, 5343.0, 5313.0, 5641.0, 5465.0, 5614.0, 5612.0, 5412.0, 5520.0, 5553.0, 5285.0, 5308.0, 5525.0, 5467.0, 5363.0, 5625.0, 5633.0, 5397.0, 5322.0, 5422.0, 5441.0, 5395.0, 5340.0, 5277.0, 5616.0, 5523.0, 5666.0, 5647.0, 5259.0, 5406.0, 5482.0, 5563.0, 5582.0, 5444.0, 5493.0, 5541.0, 5449.0, 5705.0, 5458.0, 5266.0, 5588.0, 5478.0, 5613.0, 5500.0, 5670.0, 5251.0, 5334.0, 5533.0, 5428.0, 5384.0, 5594.0, 5506.0, 5260.0, 5565.0, 5257.0, 5271.0, 5709.0, 5640.0, 5420.0, 5396.0, 5457.0, 5634.0, 5527.0, 5429.0, 5663.0, 5324.0, 5475.0, 5365.0, 5524.0, 5512.0, 5437.0, 5696.0, 5339.0, 5490.0, 5443.0, 5586.0, 5398.0, 5721.0, 5471.0 (number of hits: 11)
8	5270	9	1	333	1	5431.0, 5616.0, 5505.0, 5630.0, 5404.0, 5597.0, 5669.0, 5676.0, 5394.0, 5662.0, 5253.0, 5316.0, 5663.0, 5699.0, 5327.0, 5627.0, 5455.0, 5575.0, 5503.0, 5410.0, 5660.0, 5595.0, 5643.0, 5391.0, 5688.0, 5712.0, 5306.0, 5454.0, 5408.0, 5275.0, 5572.0, 5686.0, 5363.0, 5485.0, 5648.0, 5704.0, 5621.0, 5555.0, 5570.0, 5695.0, 5556.0, 5512.0, 5345.0, 5675.0, 5515.0, 5605.0, 5696.0, 5588.0, 5412.0, 5586.0, 5265.0, 5622.0, 5441.0, 5444.0, 5302.0, 5528.0, 5494.0, 5581.0, 5385.0, 5545.0, 5462.0, 5443.0, 5399.0, 5418.0, 5429.0, 5706.0, 5295.0, 5561.0, 5463.0, 5300.0, 5710.0, 5349.0, 5519.0, 5286.0, 5261.0, 5291.0, 5603.0, 5659.0, 5474.0, 5477.0, 5360.0, 5615.0, 5280.0, 5451.0, 5685.0, 5705.0, 5422.0, 5312.0, 5403.0, 5700.0, 5640.0, 5510.0, 5690.0, 5670.0, 5554.0, 5656.0, 5531.0, 5420.0, 5437.0, 5638.0 (number of hits: 6)
9	5270	9	1	333	1	5595.0, 5488.0, 5421.0, 5653.0, 5552.0, 5692.0, 5601.0, 5526.0, 5563.0, 5723.0, 5264.0, 5407.0, 5603.0, 5644.0, 5443.0,

						5254.0, 5717.0, 5505.0, 5263.0, 5357.0, 5617.0, 5674.0, 5275.0, 5402.0, 5570.0, 5393.0, 5388.0, 5633.0, 5721.0, 5688.0, 5660.0, 5565.0, 5333.0, 5635.0, 5265.0, 5344.0, 5706.0, 5305.0, 5661.0, 5525.0, 5469.0, 5582.0, 5599.0, 5512.0, 5672.0, 5602.0, 5545.0, 5390.0, 5418.0, 5556.0, 5260.0, 5273.0, 5619.0, 5386.0, 5367.0, 5575.0, 5551.0, 5384.0, 5516.0, 5629.0, 5358.0, 5670.0, 5533.0, 5589.0, 5482.0, 5256.0, 5310.0, 5460.0, 5699.0, 5697.0, 5524.0, 5511.0, 5356.0, 5624.0, 5325.0, 5540.0, 5641.0, 5618.0, 5340.0, 5585.0, 5549.0, 5539.0, 5298.0, 5598.0, 5499.0, 5302.0, 5385.0, 5283.0, 5347.0, 5271.0, 5429.0, 5346.0, 5509.0, 5332.0, 5426.0, 5324.0, 5557.0, 5466.0, 5409.0, 5722.0 (number of hits: 10)
10	5270	9	1	333	1	5515.0, 5509.0, 5337.0, 5570.0, 5699.0, 5372.0, 5366.0, 5593.0, 5258.0, 5703.0, 5436.0, 5435.0, 5654.0, 5353.0, 5415.0, 5633.0, 5346.0, 5627.0, 5510.0, 5477.0, 5420.0, 5398.0, 5605.0, 5327.0, 5489.0, 5323.0, 5659.0, 5526.0, 5534.0, 5359.0, 5648.0, 5553.0, 5724.0, 5499.0, 5348.0, 5296.0, 5457.0, 5486.0, 5481.0, 5425.0, 5538.0, 5548.0, 5276.0, 5644.0, 5503.0, 5443.0, 5464.0, 5495.0, 5431.0, 5377.0, 5528.0, 5344.0, 5326.0, 5649.0, 5602.0, 5284.0, 5446.0, 5620.0, 5264.0, 5274.0, 5672.0, 5544.0, 5604.0, 5468.0, 5297.0, 5333.0, 5508.0, 5617.0, 5266.0, 5381.0, 5594.0, 5512.0, 5714.0, 5668.0, 5709.0, 5554.0, 5448.0, 5635.0, 5634.0, 5535.0, 5388.0, 5520.0, 5504.0, 5585.0, 5610.0, 5689.0, 5254.0, 5371.0, 5449.0, 5424.0, 5356.0, 5256.0, 5281.0, 5578.0, 5640.0, 5392.0, 5370.0, 5533.0, 5310.0, 5375.0 (number of hits: 9)
11	5270	9	1	333	1	5552.0, 5518.0, 5683.0, 5258.0, 5689.0, 5427.0, 5328.0, 5687.0, 5368.0, 5661.0, 5259.0, 5573.0, 5505.0, 5650.0, 5337.0, 5483.0, 5250.0, 5604.0, 5429.0, 5319.0, 5326.0, 5564.0, 5330.0, 5643.0, 5506.0, 5296.0, 5642.0, 5279.0, 5371.0, 5354.0, 5414.0, 5698.0, 5579.0, 5448.0, 5591.0, 5640.0, 5264.0, 5672.0, 5578.0, 5463.0, 5406.0, 5696.0, 5626.0, 5546.0, 5663.0, 5494.0, 5539.0, 5527.0, 5542.0, 5317.0, 5619.0, 5675.0, 5693.0, 5622.0, 5444.0, 5387.0, 5609.0, 5262.0, 5495.0, 5722.0, 5409.0, 5721.0, 5314.0, 5381.0, 5412.0, 5628.0, 5680.0, 5471.0, 5544.0, 5551.0, 5473.0, 5305.0, 5576.0, 5588.0, 5530.0, 5428.0, 5659.0, 5370.0, 5309.0, 5315.0, 5344.0, 5666.0, 5373.0, 5634.0, 5388.0, 5470.0, 5662.0, 5347.0, 5333.0, 5374.0, 5625.0, 5719.0, 5623.0, 5707.0, 5577.0, 5526.0, 5284.0, 5336.0, 5465.0, 5587.0

						(number of hits: 7)
12	5270	9	1	333	1	5271.0, 5255.0, 5461.0, 5516.0, 5622.0, 5565.0, 5350.0, 5594.0, 5602.0, 5343.0, 5485.0, 5503.0, 5402.0, 5715.0, 5310.0, 5549.0, 5641.0, 5591.0, 5471.0, 5306.0, 5261.0, 5363.0, 5542.0, 5283.0, 5599.0, 5356.0, 5506.0, 5288.0, 5644.0, 5382.0, 5639.0, 5600.0, 5629.0, 5413.0, 5611.0, 5604.0, 5505.0, 5469.0, 5370.0, 5654.0, 5300.0, 5597.0, 5341.0, 5642.0, 5475.0, 5502.0, 5489.0, 5442.0, 5456.0, 5404.0, 5631.0, 5647.0, 5334.0, 5698.0, 5338.0, 5509.0, 5587.0, 5279.0, 5352.0, 5596.0, 5429.0, 5625.0, 5272.0, 5383.0, 5550.0, 5348.0, 5649.0, 5660.0, 5401.0, 5523.0, 5359.0, 5664.0, 5658.0, 5260.0, 5527.0, 5320.0, 5659.0, 5696.0, 5451.0, 5666.0, 5638.0, 5302.0, 5289.0, 5424.0, 5487.0, 5270.0, 5400.0, 5388.0, 5397.0, 5309.0, 5427.0, 5479.0, 5251.0, 5345.0, 5650.0, 5675.0, 5474.0, 5351.0, 5391.0, 5420.0 (number of hits: 11)
13	5270	9	1	333	1	5401.0, 5532.0, 5473.0, 5462.0, 5655.0, 5657.0, 5431.0, 5306.0, 5552.0, 5698.0, 5626.0, 5333.0, 5427.0, 5423.0, 5718.0, 5475.0, 5399.0, 5381.0, 5534.0, 5542.0, 5540.0, 5264.0, 5450.0, 5492.0, 5687.0, 5531.0, 5299.0, 5322.0, 5406.0, 5617.0, 5597.0, 5327.0, 5652.0, 5472.0, 5620.0, 5632.0, 5370.0, 5275.0, 5474.0, 5562.0, 5402.0, 5459.0, 5439.0, 5422.0, 5500.0, 5594.0, 5695.0, 5404.0, 5549.0, 5544.0, 5430.0, 5410.0, 5346.0, 5528.0, 5582.0, 5691.0, 5287.0, 5314.0, 5569.0, 5355.0, 5424.0, 5650.0, 5350.0, 5442.0, 5378.0, 5547.0, 5292.0, 5679.0, 5400.0, 5428.0, 5548.0, 5590.0, 5503.0, 5271.0, 5660.0, 5457.0, 5699.0, 5367.0, 5512.0, 5258.0, 5586.0, 5335.0, 5251.0, 5494.0, 5713.0, 5393.0, 5511.0, 5273.0, 5513.0, 5311.0, 5372.0, 5574.0, 5697.0, 5676.0, 5596.0, 5677.0, 5702.0, 5705.0, 5277.0, 5284.0 (number of hits: 9)
14	5270	9	1	333	1	5694.0, 5456.0, 5698.0, 5600.0, 5608.0, 5258.0, 5320.0, 5379.0, 5614.0, 5643.0, 5534.0, 5336.0, 5618.0, 5717.0, 5301.0, 5405.0, 5462.0, 5290.0, 5457.0, 5322.0, 5482.0, 5312.0, 5510.0, 5712.0, 5363.0, 5263.0, 5255.0, 5575.0, 5669.0, 5615.0, 5665.0, 5331.0, 5260.0, 5617.0, 5345.0, 5411.0, 5335.0, 5402.0, 5433.0, 5404.0, 5685.0, 5273.0, 5636.0, 5515.0, 5626.0, 5719.0, 5633.0, 5446.0, 5418.0, 5697.0, 5466.0, 5308.0, 5291.0, 5393.0, 5603.0, 5332.0, 5271.0, 5307.0, 5321.0, 5495.0, 5409.0, 5675.0, 5592.0, 5356.0, 5602.0, 5431.0, 5384.0, 5700.0, 5556.0, 5650.0, 5453.0, 5343.0, 5415.0, 5364.0, 5295.0, 5648.0, 5473.0, 5492.0, 5701.0, 5270.0,

						5705.0, 5555.0, 5583.0, 5268.0, 5671.0, 5413.0, 5531.0, 5518.0, 5570.0, 5289.0, 5509.0, 5470.0, 5478.0, 5358.0, 5420.0, 5569.0, 5341.0, 5259.0, 5401.0, 5595.0 (number of hits: 10)
15	5270	9	1	333	1	5400.0, 5328.0, 5443.0, 5302.0, 5724.0, 5320.0, 5375.0, 5512.0, 5557.0, 5487.0, 5371.0, 5479.0, 5269.0, 5300.0, 5495.0, 5348.0, 5584.0, 5489.0, 5525.0, 5628.0, 5677.0, 5554.0, 5273.0, 5471.0, 5504.0, 5401.0, 5405.0, 5631.0, 5540.0, 5674.0, 5551.0, 5383.0, 5556.0, 5332.0, 5648.0, 5344.0, 5612.0, 5717.0, 5597.0, 5312.0, 5305.0, 5264.0, 5701.0, 5295.0, 5481.0, 5705.0, 5665.0, 5570.0, 5582.0, 5521.0, 5529.0, 5666.0, 5451.0, 5307.0, 5449.0, 5253.0, 5290.0, 5667.0, 5483.0, 5477.0, 5457.0, 5265.0, 5386.0, 5372.0, 5333.0, 5576.0, 5274.0, 5682.0, 5498.0, 5441.0, 5469.0, 5655.0, 5423.0, 5660.0, 5351.0, 5635.0, 5381.0, 5501.0, 5450.0, 5261.0, 5716.0, 5368.0, 5673.0, 5334.0, 5683.0, 5619.0, 5263.0, 5718.0, 5715.0, 5376.0, 5645.0, 5642.0, 5598.0, 5494.0, 5606.0, 5527.0, 5420.0, 5706.0, 5466.0, 5549.0 (number of hits: 8)
16	5270	9	1	333	1	5443.0, 5604.0, 5634.0, 5530.0, 5589.0, 5659.0, 5382.0, 5350.0, 5282.0, 5309.0, 5469.0, 5351.0, 5364.0, 5511.0, 5686.0, 5366.0, 5463.0, 5697.0, 5298.0, 5520.0, 5713.0, 5332.0, 5447.0, 5633.0, 5708.0, 5512.0, 5485.0, 5668.0, 5252.0, 5275.0, 5507.0, 5677.0, 5523.0, 5559.0, 5524.0, 5276.0, 5427.0, 5598.0, 5550.0, 5625.0, 5699.0, 5358.0, 5454.0, 5648.0, 5391.0, 5558.0, 5690.0, 5383.0, 5605.0, 5265.0, 5251.0, 5603.0, 5583.0, 5257.0, 5477.0, 5324.0, 5618.0, 5437.0, 5649.0, 5578.0, 5442.0, 5269.0, 5698.0, 5396.0, 5278.0, 5434.0, 5555.0, 5653.0, 5644.0, 5496.0, 5274.0, 5551.0, 5591.0, 5370.0, 5620.0, 5689.0, 5371.0, 5632.0, 5616.0, 5456.0, 5331.0, 5430.0, 5658.0, 5429.0, 5438.0, 5701.0, 5548.0, 5652.0, 5585.0, 5580.0, 5379.0, 5654.0, 5468.0, 5286.0, 5619.0, 5322.0, 5490.0, 5501.0, 5532.0, 5294.0 (number of hits: 11)
17	5270	9	1	333	1	5446.0, 5265.0, 5262.0, 5674.0, 5681.0, 5443.0, 5599.0, 5335.0, 5474.0, 5604.0, 5548.0, 5503.0, 5264.0, 5613.0, 5528.0, 5598.0, 5378.0, 5266.0, 5441.0, 5427.0, 5412.0, 5317.0, 5536.0, 5358.0, 5537.0, 5385.0, 5430.0, 5278.0, 5596.0, 5665.0, 5268.0, 5336.0, 5698.0, 5519.0, 5593.0, 5615.0, 5610.0, 5471.0, 5700.0, 5620.0, 5705.0, 5641.0, 5550.0, 5355.0, 5373.0, 5310.0, 5719.0, 5567.0, 5661.0, 5450.0, 5384.0, 5644.0, 5555.0, 5287.0, 5252.0, 5478.0, 5415.0, 5390.0, 5304.0, 5251.0,

						5597.0, 5442.0, 5647.0, 5564.0, 5280.0, 5432.0, 5425.0, 5485.0, 5353.0, 5363.0, 5612.0, 5394.0, 5617.0, 5367.0, 5329.0, 5638.0, 5309.0, 5605.0, 5561.0, 5583.0, 5270.0, 5634.0, 5483.0, 5579.0, 5466.0, 5592.0, 5509.0, 5553.0, 5677.0, 5284.0, 5577.0, 5514.0, 5666.0, 5512.0, 5720.0, 5271.0, 5619.0, 5346.0, 5293.0, 5714.0 (number of hits: 13)
18	5270	9	1	333	1	5687.0, 5265.0, 5501.0, 5335.0, 5499.0, 5375.0, 5353.0, 5443.0, 5399.0, 5572.0, 5363.0, 5423.0, 5655.0, 5722.0, 5424.0, 5421.0, 5562.0, 5405.0, 5480.0, 5489.0, 5309.0, 5490.0, 5338.0, 5287.0, 5627.0, 5527.0, 5461.0, 5721.0, 5712.0, 5518.0, 5380.0, 5453.0, 5276.0, 5644.0, 5523.0, 5367.0, 5325.0, 5431.0, 5257.0, 5659.0, 5509.0, 5604.0, 5610.0, 5683.0, 5642.0, 5472.0, 5463.0, 5368.0, 5346.0, 5579.0, 5498.0, 5533.0, 5706.0, 5553.0, 5615.0, 5357.0, 5656.0, 5337.0, 5383.0, 5351.0, 5666.0, 5298.0, 5669.0, 5479.0, 5567.0, 5530.0, 5502.0, 5468.0, 5290.0, 5388.0, 5404.0, 5381.0, 5446.0, 5417.0, 5628.0, 5329.0, 5719.0, 5253.0, 5707.0, 5371.0, 5588.0, 5661.0, 5274.0, 5456.0, 5550.0, 5548.0, 5684.0, 5462.0, 5693.0, 5554.0, 5724.0, 5714.0, 5258.0, 5464.0, 5640.0, 5500.0, 5639.0, 5529.0, 5505.0, 5448.0 (number of hits: 7)
19	5270	9	1	333	1	5610.0, 5550.0, 5563.0, 5654.0, 5711.0, 5393.0, 5326.0, 5343.0, 5494.0, 5491.0, 5296.0, 5353.0, 5463.0, 5399.0, 5716.0, 5684.0, 5612.0, 5297.0, 5305.0, 5266.0, 5339.0, 5652.0, 5724.0, 5327.0, 5380.0, 5636.0, 5704.0, 5306.0, 5680.0, 5540.0, 5670.0, 5678.0, 5548.0, 5299.0, 5677.0, 5361.0, 5322.0, 5522.0, 5530.0, 5698.0, 5452.0, 5512.0, 5623.0, 5492.0, 5396.0, 5320.0, 5285.0, 5524.0, 5475.0, 5525.0, 5411.0, 5381.0, 5529.0, 5477.0, 5470.0, 5657.0, 5453.0, 5445.0, 5696.0, 5651.0, 5282.0, 5608.0, 5295.0, 5616.0, 5308.0, 5618.0, 5391.0, 5648.0, 5570.0, 5509.0, 5274.0, 5348.0, 5714.0, 5335.0, 5701.0, 5722.0, 5568.0, 5707.0, 5426.0, 5291.0, 5520.0, 5303.0, 5387.0, 5552.0, 5591.0, 5263.0, 5702.0, 5430.0, 5575.0, 5449.0, 5665.0, 5338.0, 5397.0, 5594.0, 5695.0, 5292.0, 5413.0, 5682.0, 5638.0, 5268.0 (number of hits: 6)
20	5270	9	1	333	1	5379.0, 5598.0, 5689.0, 5713.0, 5528.0, 5277.0, 5464.0, 5295.0, 5478.0, 5327.0, 5362.0, 5645.0, 5658.0, 5626.0, 5263.0, 5391.0, 5648.0, 5555.0, 5431.0, 5552.0, 5537.0, 5535.0, 5536.0, 5308.0, 5282.0, 5722.0, 5342.0, 5584.0, 5435.0, 5660.0, 5556.0, 5621.0, 5296.0, 5629.0, 5604.0, 5370.0, 5276.0, 5644.0, 5580.0, 5630.0,

						5706.0, 5367.0, 5599.0, 5413.0, 5265.0, 5704.0, 5570.0, 5260.0, 5637.0, 5564.0, 5290.0, 5683.0, 5548.0, 5669.0, 5498.0, 5403.0, 5659.0, 5440.0, 5304.0, 5662.0, 5371.0, 5590.0, 5266.0, 5323.0, 5685.0, 5690.0, 5524.0, 5517.0, 5547.0, 5433.0, 5312.0, 5523.0, 5302.0, 5653.0, 5532.0, 5400.0, 5502.0, 5673.0, 5497.0, 5638.0, 5301.0, 5364.0, 5647.0, 5349.0, 5572.0, 5618.0, 5411.0, 5711.0, 5317.0, 5716.0, 5359.0, 5457.0, 5677.0, 5605.0, 5679.0, 5357.0, 5453.0, 5326.0, 5469.0, 5348.0 (number of hits: 7)
21	5270	9	1	333	1	5335.0, 5286.0, 5281.0, 5266.0, 5543.0, 5363.0, 5320.0, 5392.0, 5334.0, 5559.0, 5615.0, 5376.0, 5572.0, 5596.0, 5613.0, 5329.0, 5634.0, 5467.0, 5581.0, 5589.0, 5595.0, 5493.0, 5500.0, 5309.0, 5646.0, 5441.0, 5307.0, 5468.0, 5490.0, 5602.0, 5673.0, 5431.0, 5353.0, 5627.0, 5295.0, 5643.0, 5474.0, 5272.0, 5407.0, 5381.0, 5714.0, 5519.0, 5679.0, 5534.0, 5433.0, 5297.0, 5574.0, 5588.0, 5348.0, 5710.0, 5388.0, 5671.0, 5391.0, 5694.0, 5401.0, 5723.0, 5342.0, 5549.0, 5526.0, 5314.0, 5541.0, 5569.0, 5605.0, 5436.0, 5498.0, 5628.0, 5508.0, 5338.0, 5709.0, 5414.0, 5662.0, 5676.0, 5360.0, 5511.0, 5418.0, 5471.0, 5438.0, 5485.0, 5536.0, 5606.0, 5425.0, 5349.0, 5616.0, 5630.0, 5499.0, 5473.0, 5659.0, 5647.0, 5609.0, 5506.0, 5552.0, 5530.0, 5312.0, 5409.0, 5402.0, 5451.0, 5721.0, 5351.0, 5666.0, 5603.0 (number of hits: 4)
22	5270	9	1	333	1	5666.0, 5487.0, 5628.0, 5655.0, 5360.0, 5722.0, 5314.0, 5683.0, 5583.0, 5355.0, 5619.0, 5448.0, 5339.0, 5407.0, 5463.0, 5425.0, 5324.0, 5622.0, 5610.0, 5277.0, 5597.0, 5455.0, 5317.0, 5629.0, 5663.0, 5468.0, 5460.0, 5553.0, 5685.0, 5401.0, 5415.0, 5411.0, 5409.0, 5340.0, 5326.0, 5710.0, 5601.0, 5362.0, 5327.0, 5502.0, 5698.0, 5543.0, 5291.0, 5341.0, 5580.0, 5551.0, 5490.0, 5344.0, 5711.0, 5370.0, 5432.0, 5623.0, 5276.0, 5699.0, 5268.0, 5337.0, 5275.0, 5325.0, 5372.0, 5718.0, 5313.0, 5440.0, 5504.0, 5376.0, 5375.0, 5398.0, 5439.0, 5676.0, 5350.0, 5382.0, 5298.0, 5284.0, 5307.0, 5707.0, 5723.0, 5523.0, 5603.0, 5670.0, 5596.0, 5475.0, 5657.0, 5641.0, 5693.0, 5446.0, 5280.0, 5390.0, 5708.0, 5262.0, 5499.0, 5255.0, 5512.0, 5568.0, 5331.0, 5465.0, 5539.0, 5635.0, 5351.0, 5470.0, 5459.0, 5658.0 (number of hits: 8)
23	5270	9	1	333	1	5551.0, 5268.0, 5302.0, 5606.0, 5620.0, 5604.0, 5643.0, 5319.0, 5588.0, 5453.0, 5315.0, 5567.0, 5404.0, 5595.0, 5348.0, 5583.0, 5449.0, 5518.0, 5327.0, 5523.0,

						5500.0, 5530.0, 5393.0, 5473.0, 5579.0, 5490.0, 5280.0, 5364.0, 5254.0, 5419.0, 5618.0, 5461.0, 5436.0, 5470.0, 5400.0, 5465.0, 5692.0, 5394.0, 5410.0, 5544.0, 5263.0, 5683.0, 5356.0, 5535.0, 5350.0, 5270.0, 5540.0, 5624.0, 5581.0, 5628.0, 5610.0, 5569.0, 5580.0, 5411.0, 5717.0, 5582.0, 5630.0, 5484.0, 5272.0, 5482.0, 5503.0, 5279.0, 5691.0, 5615.0, 5444.0, 5435.0, 5564.0, 5457.0, 5384.0, 5460.0, 5372.0, 5369.0, 5589.0, 5316.0, 5445.0, 5680.0, 5345.0, 5525.0, 5586.0, 5555.0, 5641.0, 5512.0, 5259.0, 5506.0, 5359.0, 5282.0, 5545.0, 5613.0, 5466.0, 5402.0, 5265.0, 5304.0, 5253.0, 5566.0, 5700.0, 5333.0, 5660.0, 5355.0, 5600.0, 5703.0 (number of hits: 11)
24	5270	9	1	333	1	5690.0, 5654.0, 5672.0, 5411.0, 5642.0, 5586.0, 5379.0, 5313.0, 5546.0, 5290.0, 5387.0, 5652.0, 5407.0, 5716.0, 5655.0, 5367.0, 5347.0, 5475.0, 5686.0, 5527.0, 5518.0, 5400.0, 5718.0, 5359.0, 5393.0, 5276.0, 5369.0, 5337.0, 5492.0, 5371.0, 5602.0, 5385.0, 5357.0, 5329.0, 5402.0, 5569.0, 5460.0, 5454.0, 5487.0, 5541.0, 5507.0, 5700.0, 5582.0, 5515.0, 5577.0, 5431.0, 5306.0, 5390.0, 5405.0, 5600.0, 5321.0, 5417.0, 5258.0, 5296.0, 5336.0, 5348.0, 5619.0, 5320.0, 5583.0, 5595.0, 5273.0, 5358.0, 5470.0, 5474.0, 5552.0, 5674.0, 5303.0, 5294.0, 5628.0, 5253.0, 5341.0, 5363.0, 5433.0, 5274.0, 5436.0, 5286.0, 5332.0, 5346.0, 5285.0, 5349.0, 5443.0, 5267.0, 5676.0, 5525.0, 5668.0, 5434.0, 5606.0, 5544.0, 5403.0, 5644.0, 5451.0, 5298.0, 5373.0, 5283.0, 5467.0, 5627.0, 5264.0, 5703.0, 5301.0, 5479.0 (number of hits: 10)
25	5270	9	1	333	1	5603.0, 5616.0, 5508.0, 5633.0, 5354.0, 5262.0, 5515.0, 5256.0, 5608.0, 5429.0, 5507.0, 5476.0, 5315.0, 5376.0, 5357.0, 5465.0, 5619.0, 5302.0, 5329.0, 5339.0, 5561.0, 5651.0, 5594.0, 5629.0, 5431.0, 5560.0, 5379.0, 5480.0, 5613.0, 5478.0, 5502.0, 5669.0, 5540.0, 5682.0, 5271.0, 5472.0, 5323.0, 5402.0, 5708.0, 5510.0, 5475.0, 5522.0, 5364.0, 5634.0, 5451.0, 5645.0, 5691.0, 5370.0, 5607.0, 5543.0, 5311.0, 5324.0, 5650.0, 5404.0, 5258.0, 5284.0, 5427.0, 5297.0, 5260.0, 5316.0, 5527.0, 5568.0, 5409.0, 5276.0, 5544.0, 5586.0, 5636.0, 5367.0, 5306.0, 5382.0, 5621.0, 5396.0, 5291.0, 5423.0, 5541.0, 5305.0, 5300.0, 5648.0, 5484.0, 5566.0, 5724.0, 5418.0, 5524.0, 5388.0, 5457.0, 5589.0, 5662.0, 5638.0, 5558.0, 5408.0, 5516.0, 5454.0, 5562.0, 5719.0, 5654.0, 5693.0, 5528.0, 5509.0, 5355.0, 5456.0 (number of hits: 7)

26	5270	9	1	333	1	5459.0, 5418.0, 5525.0, 5499.0, 5506.0, 5271.0, 5397.0, 5532.0, 5394.0, 5268.0, 5555.0, 5273.0, 5266.0, 5440.0, 5649.0, 5602.0, 5633.0, 5306.0, 5473.0, 5264.0, 5453.0, 5312.0, 5653.0, 5712.0, 5690.0, 5614.0, 5714.0, 5713.0, 5610.0, 5625.0, 5511.0, 5370.0, 5584.0, 5374.0, 5349.0, 5321.0, 5547.0, 5474.0, 5291.0, 5677.0, 5446.0, 5450.0, 5447.0, 5594.0, 5651.0, 5485.0, 5501.0, 5425.0, 5332.0, 5294.0, 5640.0, 5442.0, 5678.0, 5428.0, 5548.0, 5419.0, 5488.0, 5451.0, 5569.0, 5514.0, 5604.0, 5261.0, 5354.0, 5659.0, 5490.0, 5680.0, 5276.0, 5449.0, 5504.0, 5517.0, 5559.0, 5296.0, 5257.0, 5545.0, 5692.0, 5701.0, 5486.0, 5617.0, 5399.0, 5540.0, 5691.0, 5516.0, 5561.0, 5632.0, 5325.0, 5373.0, 5496.0, 5403.0, 5469.0, 5642.0, 5703.0, 5670.0, 5267.0, 5404.0, 5432.0, 5616.0, 5621.0, 5635.0, 5382.0, 5300.0 (number of hits: 9)
27	5270	9	1	333	1	5482.0, 5374.0, 5297.0, 5469.0, 5542.0, 5686.0, 5400.0, 5700.0, 5544.0, 5278.0, 5646.0, 5293.0, 5506.0, 5361.0, 5605.0, 5251.0, 5590.0, 5572.0, 5392.0, 5363.0, 5360.0, 5329.0, 5445.0, 5461.0, 5255.0, 5639.0, 5370.0, 5576.0, 5553.0, 5625.0, 5538.0, 5356.0, 5722.0, 5282.0, 5404.0, 5683.0, 5632.0, 5495.0, 5597.0, 5514.0, 5372.0, 5552.0, 5295.0, 5429.0, 5486.0, 5578.0, 5665.0, 5420.0, 5487.0, 5427.0, 5602.0, 5291.0, 5556.0, 5654.0, 5433.0, 5460.0, 5672.0, 5358.0, 5287.0, 5535.0, 5523.0, 5660.0, 5641.0, 5490.0, 5652.0, 5279.0, 5666.0, 5518.0, 5369.0, 5355.0, 5410.0, 5383.0, 5275.0, 5603.0, 5693.0, 5554.0, 5377.0, 5413.0, 5305.0, 5493.0, 5425.0, 5608.0, 5512.0, 5543.0, 5529.0, 5444.0, 5656.0, 5260.0, 5627.0, 5526.0, 5317.0, 5564.0, 5451.0, 5595.0, 5551.0, 5286.0, 5359.0, 5343.0, 5436.0, 5651.0 (number of hits: 9)
28	5270	9	1	333	1	5688.0, 5633.0, 5710.0, 5662.0, 5490.0, 5642.0, 5498.0, 5524.0, 5709.0, 5516.0, 5523.0, 5411.0, 5482.0, 5724.0, 5340.0, 5548.0, 5587.0, 5364.0, 5675.0, 5352.0, 5553.0, 5565.0, 5700.0, 5464.0, 5701.0, 5400.0, 5383.0, 5391.0, 5508.0, 5461.0, 5569.0, 5592.0, 5403.0, 5446.0, 5307.0, 5610.0, 5557.0, 5705.0, 5639.0, 5623.0, 5503.0, 5609.0, 5682.0, 5298.0, 5713.0, 5360.0, 5583.0, 5717.0, 5255.0, 5690.0, 5628.0, 5660.0, 5630.0, 5479.0, 5518.0, 5423.0, 5491.0, 5394.0, 5612.0, 5545.0, 5356.0, 5378.0, 5625.0, 5365.0, 5636.0, 5715.0, 5666.0, 5265.0, 5424.0, 5256.0, 5277.0, 5331.0, 5377.0, 5351.0, 5487.0, 5408.0, 5509.0, 5552.0, 5591.0, 5467.0, 5596.0, 5649.0, 5600.0, 5297.0, 5341.0,

						5439.0, 5696.0, 5561.0, 5581.0, 5316.0, 5344.0, 5398.0, 5319.0, 5525.0, 5542.0, 5678.0, 5410.0, 5517.0, 5470.0, 5357.0 (number of hits: 4)
29	5270	9	1	333	1	5672.0, 5251.0, 5253.0, 5359.0, 5384.0, 5507.0, 5476.0, 5290.0, 5684.0, 5505.0, 5490.0, 5626.0, 5530.0, 5474.0, 5392.0, 5296.0, 5339.0, 5316.0, 5571.0, 5668.0, 5599.0, 5711.0, 5383.0, 5429.0, 5434.0, 5689.0, 5585.0, 5325.0, 5688.0, 5297.0, 5432.0, 5576.0, 5345.0, 5674.0, 5548.0, 5358.0, 5407.0, 5357.0, 5261.0, 5466.0, 5342.0, 5431.0, 5589.0, 5465.0, 5410.0, 5340.0, 5570.0, 5634.0, 5402.0, 5306.0, 5568.0, 5515.0, 5579.0, 5440.0, 5693.0, 5324.0, 5477.0, 5522.0, 5467.0, 5560.0, 5278.0, 5482.0, 5594.0, 5289.0, 5393.0, 5622.0, 5264.0, 5462.0, 5638.0, 5660.0, 5651.0, 5543.0, 5379.0, 5284.0, 5449.0, 5302.0, 5288.0, 5722.0, 5714.0, 5503.0, 5283.0, 5659.0, 5458.0, 5636.0, 5397.0, 5514.0, 5414.0, 5697.0, 5538.0, 5509.0, 5698.0, 5418.0, 5598.0, 5493.0, 5512.0, 5658.0, 5448.0, 5600.0, 5314.0, 5721.0 (number of hits: 9)
30	5270	9	1	333	1	5328.0, 5702.0, 5530.0, 5551.0, 5576.0, 5536.0, 5263.0, 5451.0, 5553.0, 5269.0, 5605.0, 5694.0, 5561.0, 5541.0, 5294.0, 5722.0, 5575.0, 5700.0, 5372.0, 5514.0, 5559.0, 5356.0, 5710.0, 5717.0, 5262.0, 5430.0, 5446.0, 5532.0, 5550.0, 5251.0, 5435.0, 5343.0, 5507.0, 5538.0, 5637.0, 5671.0, 5423.0, 5673.0, 5497.0, 5517.0, 5344.0, 5620.0, 5293.0, 5441.0, 5374.0, 5720.0, 5602.0, 5277.0, 5684.0, 5627.0, 5543.0, 5650.0, 5362.0, 5689.0, 5292.0, 5350.0, 5267.0, 5301.0, 5552.0, 5282.0, 5566.0, 5361.0, 5600.0, 5487.0, 5643.0, 5711.0, 5718.0, 5564.0, 5690.0, 5458.0, 5615.0, 5567.0, 5574.0, 5428.0, 5402.0, 5640.0, 5669.0, 5699.0, 5502.0, 5583.0, 5477.0, 5281.0, 5287.0, 5569.0, 5638.0, 5554.0, 5618.0, 5534.0, 5454.0, 5555.0, 5386.0, 5614.0, 5392.0, 5695.0, 5485.0, 5459.0, 5384.0, 5409.0, 5560.0, 5604.0 (number of hits: 9)

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	86.7 %	60%	Pass
Type 4	30	86.7 %	60%	Pass
Aggregate (Type1 to 4)	120	93.35 %	80%	Pass
Type 5	30	93.3 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

5290 MHz, 80 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	5290	78	1	678	1
2	5290	83	1	638	1
3	5290	18	1	3066	1
4	5290	81	1	658	1
5	5290	67	1	798	1
6	5290	95	1	558	1
7	5290	76	1	698	1
8	5290	74	1	718	1
9	5290	63	1	838	1
10	5290	62	1	858	1
11	5290	72	1	738	1
12	5290	102	1	518	1
13	5290	59	1	898	1
14	5290	89	1	598	1
15	5290	92	1	578	1
16	5290	50	1	1074	1
17	5290	20	1	2777	1
18	5290	45	1	1188	1
19	5290	21	1	2561	1
20	5290	70	1	764	1
21	5290	25	1	2120	1
22	5290	22	1	2423	1
23	5290	39	1	1355	1
24	5290	21	1	2567	1
25	5290	24	1	2203	1
26	5290	21	1	2540	1
27	5290	22	1	2399	1
28	5290	43	1	1251	1
29	5290	20	1	2710	1
30	5290	42	1	1278	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	26	4.9	151	1
2	5290	24	2.3	153	1
3	5290	25	4.2	217	1
4	5290	29	3.9	164	1
5	5290	24	3	176	1
6	5290	25	3.8	199	1
7	5290	29	4.8	223	1
8	5290	25	1.7	217	1
9	5290	28	3	171	1
10	5290	23	4.3	170	1
11	5290	24	2.1	213	1
12	5290	25	2.3	222	1
13	5290	27	1.8	227	1
14	5290	24	1.9	153	1
15	5290	26	3.2	222	1
16	5290	28	2.5	179	1
17	5290	26	1.6	220	1
18	5290	29	4.5	159	1
19	5290	28	1.6	157	1
20	5290	23	3.7	209	1
21	5290	25	1.9	192	1
22	5290	23	2.6	189	1
23	5290	27	4.7	206	1
24	5290	23	3	212	1
25	5290	25	3.1	214	1
26	5290	26	1.7	218	1
27	5290	23	5	192	1
28	5290	25	3.7	195	1
29	5290	28	2.9	180	1
30	5290	27	1.2	172	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	17	6.9	318	1
2	5290	18	6.9	232	1
3	5290	16	6.6	421	1
4	5290	17	9.7	489	1
5	5290	18	7.9	312	1
6	5290	18	9.1	341	1
7	5290	17	7	382	1
8	5290	17	9.1	200	0
9	5290	16	8.6	468	1
10	5290	17	8.1	412	1
11	5290	16	7.8	212	0
12	5290	18	7	336	1
13	5290	18	6.2	433	1
14	5290	16	6.4	403	1
15	5290	16	7.2	250	1
16	5290	17	6.3	210	0
17	5290	18	7.7	219	0
18	5290	17	7.5	278	1
19	5290	17	8.9	490	1
20	5290	16	9.2	374	1
21	5290	18	9.8	457	1
22	5290	18	6.3	478	1
23	5290	16	8.1	495	1
24	5290	16	9.3	267	1
25	5290	18	6.9	321	1
26	5290	18	8.5	457	1
27	5290	16	6.6	377	1
28	5290	17	7.5	435	1
29	5290	17	9.4	468	1
30	5290	17	9.4	398	1
Detection Percentage: 86.7 % (>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	16.2	418	1
2	5290	15	11.3	301	1
3	5290	12	18	360	1
4	5290	12	14.3	323	1
5	5290	13	17.7	247	1
6	5290	13	11.2	454	1
7	5290	12	14	262	1
8	5290	12	11.8	443	1
9	5290	14	11.6	442	1
10	5290	16	17.3	468	1
11	5290	13	17.4	498	0
12	5290	13	19.9	367	1
13	5290	13	14.5	432	1
14	5290	14	15.9	214	0
15	5290	12	13.7	392	1
16	5290	15	13.6	474	1
17	5290	13	13.3	495	0
18	5290	12	13.9	432	1
19	5290	16	13	261	1
20	5290	14	18.8	214	1
21	5290	16	17	262	1
22	5290	16	17.3	348	1
23	5290	16	13	295	1
24	5290	14	14.6	206	0
25	5290	16	17.1	411	1
26	5290	13	19.8	252	1
27	5290	15	19.8	298	1
28	5290	15	13.1	343	1
29	5290	15	11.1	499	1
30	5290	15	16.5	480	1
Detection Percentage: 86.7 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5290	1
2	5290	1
3	5290	1
4	5290	1
5	5290	0
6	5290	1
7	5290	1
8	5290	1
9	5290	1
10	5290	1
11	5290	1
12	5253.8	1
13	5255.8	0
14	5258.6	1
15	5257	1
16	5257.8	1
17	5259	1
18	5258.2	1
19	5253	1
20	5254.6	0
21	5253.8	1
22	5324.6	1
23	5326.2	1
24	5325	1
25	5326.6	1
26	5325.8	0
27	5327	1
28	5325.4	1
29	5326.6	1
30	5323	1
Detection Percentage: 93.3 % (>80%)		

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	3	12	81.1	1806	1989	0.317305	1
1	3	12	83.6	1300	1721	1.582946	
2	1	12	71.6			2.113732	
3	1	12	66.5			2.743327	
4	3	12	85.1	1527	1271	3.684103	
5	1	12	86			4.820953	
6	3	12	69	1770	1202	5.646419	
7	1	12	87.9			6.830313	
8	3	12	75.5	1339	1491	7.258187	
9	1	12	89.8			7.832468	
10	3	12	73.9	1243	1495	9.395793	
11	1	12	51.6			10.198579	
12	3	12	66.9	1387	1842	10.996682	
13	1	12	67.8			11.244257	

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	6	64.5	1004		0.171702	1
1	2	6	97.6	1853		0.879013	
2	2	6	70.8	1370		1.808789	
3	2	6	59.2	1579		3.220933	
4	2	6	50.3	1702		3.602659	
5	3	6	83.9	1925	1316	4.814042	
6	2	6	70.5	1455		5.615109	
7	2	6	78.5	1098		6.415055	
8	2	6	54.4	1302		7.362379	
9	3	6	97.4	1943	1153	8.065233	
10	3	6	84.7	1152	1963	9.245545	
11	1	6	79.1			10.10059	
12	2	6	91.1	1239		11.09279	
13	3	6	69.6	1560	1013	11.926649	

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	20	67.6	1181		0.492302	
1	3	20	97.3	1280	1584	1.371373	
2	3	20	89.8	1423	1708	2.315759	
3	2	20	79.7	1168		3.136699	
4	2	20	54.8	1577		4.424623	
5	3	20	62.9	1199	1631	4.72704	
6	2	20	79.1	1144		6.250311	1
7	1	20	55.7			7.13632	
8	1	20	99.5			7.837521	
9	2	20	65.5	1482		8.87491	
10	2	20	53.6	1806		10.113844	
11	2	20	64.9	1118		11.039054	
12	2	20	69.7	1486		11.749058	

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	14	79.7	1206		0.103804	
1	2	14	52.8	1118		2.214237	
2	2	14	60.7	1589		3.203493	
3	2	14	86.6	1275		4.489323	
4	1	14	53.2			5.073384	1
5	2	14	65	1656		6.806784	
6	2	14	54.1	1538		7.945931	
7	2	14	52.4	1718		8.635355	
8	3	14	53.7	1603	1303	10.070641	
9	2	14	74.7	1740		11.148268	

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	98.1			0.899809	1
1	3	10	94.4	1227	1204	1.486582	
2	3	10	74	1367	1426	3.03548	
3	2	10	65.3	1536		4.403796	
4	1	10	58.3			4.917089	
5	1	10	70.1			6.382093	
6	2	10	79.5	1710		7.697082	
7	3	10	91.1	1880	1501	8.875255	
8	2	10	73	1225		10.438382	
9	2	10	70.3	1312		11.750668	

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	13	88.4	1871		0.989942	1
1	1	13	85.4			2.264075	
2	2	13	90.6	1238		2.926594	
3	2	13	55.3	1854		3.819161	
4	3	13	86	1406	1937	4.940928	
5	1	13	52.7			6.18731	
6	1	13	78.1			7.706579	
7	1	13	90.7			9.309496	
8	2	13	54.9	1536		10.230875	
9	2	13	70.5	1266		11.621251	

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	65.7			0.101405	
1	2	13	67	1445		0.831635	
2	3	13	86.6	1415	1958	1.758292	
3	3	13	78	1923	1695	2.01155	
4	1	13	59.5			2.858966	
5	3	13	60.8	1233	1770	3.090617	
6	3	13	75.4	1625	1984	4.174417	
7	2	13	96.9	1773		4.367329	
8	2	13	89.2	1863		4.998	
9	2	13	91.5	1175		5.775862	
10	2	13	87.3	1299		6.168687	1
11	3	13	93.1	1057	1167	7.140893	
12	2	13	69.8	1718		7.698178	
13	2	13	70.3	1783		7.976617	
14	2	13	82.1	1859		8.789362	
15	1	13	50.7			9.540945	
16	2	13	96.2	1786		10.089987	
17	1	13	69.6			10.749761	
18	3	13	74.8	1017	1870	11.21736	
19	2	13	71.3	1175		11.593697	

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	15	55.5	1420		0.276292	
1	3	15	66.4	1374	1624	1.249265	
2	2	15	65.4	1076		1.604122	
3	3	15	60.9	1451	1307	2.363547	
4	1	15	97.7			3.090885	
5	1	15	91.5			3.95255	
6	3	15	76.6	1646	1805	5.156241	
7	3	15	75.9	1560	1978	5.278721	
8	2	15	95.2	1187		6.256995	1
9	2	15	87.3	1107		7.218273	
10	2	15	78	1727		8.031845	
11	2	15	91.4	1172		8.559484	
12	1	15	75.9			9.725055	
13	2	15	70.2	1425		9.947264	
14	2	15	54.4	1877		10.846338	
15	3	15	98.6	1036	1493	11.993516	

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	15	80.5			0.38072	
1	3	15	91.1	1928	1567	2.162548	
2	3	15	66.7	1837	1814	3.050342	
3	2	15	92.2	1485		3.994302	
4	2	15	78.9	1861		4.882232	
5	2	15	88.4	1678		6.455387	1
6	2	15	97.9	1804		6.727599	
7	2	15	96.7	1235		7.833821	
8	3	15	95.9	1553	1096	8.945763	
9	2	15	73.6	1393		9.885677	
10	1	15	86.9			11.887925	

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	3	14	94.6	1605	1982	0.452211	1
1	3	14	56.8	1528	1333	1.143042	
2	2	14	54.4	1531		1.820884	
3	2	14	53.8	1767		2.042672	
4	2	14	64.6	1731		3.284546	
5	2	14	65.3	1939		3.958589	
6	2	14	81.7	1361		4.413926	
7	2	14	74.1	1159		5.322737	
8	2	14	94.2	1697		5.427817	
9	2	14	78.7	1513		6.182137	
10	3	14	56.1	1855	1744	6.821268	
11	1	14	95.6			7.564734	
12	1	14	85.7			8.317021	
13	1	14	84.7			9.259571	
14	2	14	71.8	1325		9.532502	
15	2	14	99.7	1005		10.558575	
16	2	14	71.1	1075		11.070248	
17	3	14	81.5	1577	1277	11.669057	

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	7	60.1	1893		0.629894	1
1	1	7	64.4			1.231774	
2	2	7	92	1478		2.17699	
3	2	7	62.3	1937		2.666503	
4	3	7	92.6	1527	1574	3.627148	
5	3	7	53.2	1660	1661	3.985897	
6	3	7	72.1	1002	1770	4.838558	
7	2	7	94.5	1237		5.415245	
8	2	7	83.3	1803		6.157902	
9	2	7	90.6	1653		6.97742	
10	2	7	54.2	1933		7.90487	
11	2	7	75.5	1755		8.702308	
12	1	7	53			9.131468	
13	2	7	95.3	1688		10.248086	
14	3	7	79.1	1828	1366	11.123048	
15	2	7	87.5	1862		11.535555	

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	12	87.8	1593	1476	0.869592	1
1	2	12	59.2	1810		1.623763	
2	2	12	78.6	1197		2.985568	
3	2	12	85.8	1448		3.901609	
4	2	12	79.6	1128		4.738618	
5	2	12	95.8	1984		5.095387	
6	2	12	72.3	1946		6.666739	
7	3	12	70.4	1895	1853	7.363743	
8	2	12	54.3	1115		8.476482	
9	2	12	58	1240		9.512509	
10	1	12	68.4			10.692091	
11	2	12	50.5	1920		11.656835	

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	19	63.7	1367		0.527348	1
1	2	19	67.7	1687		1.051841	
2	3	19	93.1	1738	1050	1.81004	
3	3	19	83.6	1927	1022	2.534194	
4	2	19	97	1688		2.875206	
5	3	19	51.1	1354	1153	3.958751	
6	2	19	80.5	1015		4.389617	
7	3	19	83.6	1770	1360	4.934096	
8	3	19	77.1	1108	1194	5.634902	
9	3	19	61.8	1750	1083	6.023638	
10	1	19	72			7.064702	
11	3	19	72.9	1690	1741	7.716789	
12	2	19	65.3	1111		8.058727	
13	2	19	94.7	1114		9.07461	
14	1	19	63.3			9.372363	
15	2	19	61.4	1844		10.001857	
16	3	19	80.4	1415	1160	10.68104	
17	3	19	91.1	1564	1159	11.481997	

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	73.9	1812	1943	0.302873	1
1	1	15	54.4			2.667506	
2	3	15	89.6	1119	1868	4.32955	
3	2	15	64.8	1270		5.081647	
4	1	15	50.5			6.734596	
5	3	15	53.8	1725	1356	7.601777	
6	2	15	95.7	1783		9.678325	
7	1	15	53.3			11.0049	

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	17	51	1974		0.372563	1
1	3	17	92.7	1277	1974	0.840353	
2	2	17	62.1	1993		1.513937	
3	2	17	78.1	1616		1.984581	
4	3	17	73.9	1685	1569	2.640213	
5	1	17	78.8			3.464677	
6	2	17	84.5	1284		4.124516	
7	1	17	69.5			4.690522	
8	2	17	74.1	1666		5.208496	
9	2	17	74	2000		5.971636	
10	2	17	79.6	1553		6.507679	
11	3	17	91.6	1762	1318	6.886506	
12	2	17	91.1	1325		7.201982	
13	2	17	99.4	1192		7.911439	
14	3	17	86.6	1861	1202	8.879423	
15	2	17	79.6	1907		9.507469	
16	3	17	91.7	1474	1215	9.937895	
17	1	17	71.3			10.701621	
18	2	17	56.8	1944		11.158512	
19	2	17	59.1	1958		11.624334	

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	20	76.9	1292		0.396456	
1	1	20	97.1			1.2658	
2	2	20	63.9	1380		2.173167	
3	1	20	59.2			2.966948	
4	1	20	62.7			4.398966	
5	1	20	69.2			5.36839	
6	2	20	95.1	1180		6.177504	1
7	2	20	80.7	1190		7.039847	
8	1	20	77.7			7.981494	
9	3	20	84.7	1311	1053	8.481741	
10	2	20	81.8	1927		9.502202	
11	2	20	51.6	1841		10.392319	
12	2	20	78.5	1532		11.744326	

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	57.3			0.564424	
1	3	18	78.4	1772	1528	2.154894	
2	1	18	83.1			2.74513	
3	3	18	80.6	1132	1053	3.772387	
4	2	18	87.5	1368		5.076912	
5	2	18	96.7	1767		6.34529	1
6	3	18	65.3	1483	1422	7.281102	
7	3	18	81.2	1901	1081	9.028447	
8	2	18	83.9	1802		10.356188	
9	2	18	59.5	1118		11.941739	

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	5	53.2	1250		0.359888	
1	2	5	90	1693		0.878382	
2	2	5	78.2	1265		1.280978	
3	2	5	76.8	1624		2.107524	
4	2	5	76.5	1240		2.668808	
5	2	5	96.8	1424		3.43777	
6	1	5	99.8			4.016006	
7	2	5	56.1	1896		4.710072	
8	2	5	63.6	1353		5.411952	
9	2	5	50.6	1401		5.787243	1
10	3	5	79.6	1476	1264	6.685188	
11	1	5	72.5			7.211258	
12	3	5	90.5	1195	1609	8.184956	
13	3	5	54.2	1589	1678	8.828545	
14	2	5	88.5	1200		9.283393	
15	3	5	64.3	1037	1679	9.707797	
16	1	5	83.3			10.301844	
17	2	5	72.6	1342		10.927816	
18	3	5	64.6	1676	1243	11.380372	

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	9	89.4	1950		0.668754	
1	1	9	61.5			1.233265	
2	2	9	82.8	1631		1.630343	
3	2	9	88	1871		2.63436	
4	1	9	92.4			3.246289	
5	1	9	70.8			4.187098	
6	1	9	66.3			4.529387	
7	2	9	53.5	1650		5.189685	
8	1	9	55.8			5.712231	1
9	2	9	94.3	1574		6.63744	
10	3	9	60.2	1776	1601	7.702416	
11	2	9	70.7	1947		8.220429	
12	3	9	87.2	1829	1703	8.541355	
13	2	9	65	1730		9.768631	
14	3	9	50.7	1853	1197	10.09667	
15	3	9	58	1130	1483	11.10711	
16	2	9	90.1	1245		11.830535	

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	7	59.2	1442	1922	0.603592	
1	2	7	64.2	1304		1.416833	
2	1	7	96.1			3.205543	
3	2	7	98.4	1426		5.22437	
4	2	7	96.4	1959		5.680678	1
5	3	7	94.2	1220	1844	7.591551	
6	2	7	71.1	1892		8.655226	
7	3	7	65.5	1469	1773	10.009669	
8	2	7	84.6	1138		11.962356	

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	11	51.6	1289	1639	0.67792	
1	2	11	82	1984		1.566154	
2	3	11	79.9	1798	1945	2.107325	
3	1	11	51.4			3.089828	
4	1	11	96.7			3.306862	
5	2	11	60.3	1124		4.703369	
6	3	11	80.1	1672	1370	4.938869	
7	2	11	96.8	1352		6.088208	0
8	2	11	76.2	1773		7.124648	
9	1	11	99.8			7.94899	
10	1	11	75.5			8.601657	
11	3	11	63.9	1230	1506	9.026933	
12	3	11	61.7	1863	1662	9.901775	
13	2	11	77.2	1871		11.050693	
14	1	11	51.6			11.654344	

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	1	7	80.9			0.468175	
1	1	7	68.3			1.322265	
2	2	7	82.7	1039		1.870298	
3	1	7	71.6			2.349121	
4	3	7	71.4	1796	1090	2.684595	
5	3	7	81.5	1433	1588	3.51642	
6	2	7	79.6	1795		4.357994	
7	1	7	70.3			5.044594	
8	3	7	77.5	1716	1718	5.512899	
9	2	7	78.4	1602		6.221367	1
10	1	7	92.7			7.034879	
11	3	7	99.5	1091	1449	7.763036	
12	3	7	89.8	1301	1621	8.443976	
13	1	7	65.3			8.923484	
14	1	7	81.8			9.355805	
15	1	7	82.1			10.465209	
16	1	7	51.2			10.778078	
17	2	7	52.4	1630		11.536986	

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	10	61.8	1145	1165	1.01676	1
1	2	10	57.8	1994		2.119033	
2	3	10	94.6	1028	1157	3.300143	
3	2	10	70.7	1999		3.732358	
4	3	10	54.6	1377	1728	5.924223	
5	2	10	78.9	1900		6.347693	
6	2	10	71.5	1880		7.324526	
7	1	10	62.9			9.0876	
8	2	10	76.1	1463		10.459818	
9	2	10	70.7	1276		11.06313	

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	76.2	1019		0.406682	1
1	2	6	58	1128		1.389677	
2	2	6	67.6	1596		1.457457	
3	3	6	59.6	1978	1619	2.178182	
4	2	6	53.8	1270		3.38589	
5	1	6	59.1			4.050386	
6	1	6	71.2			4.859708	
7	2	6	66.8	1784		5.402872	
8	1	6	58.2			6.132031	
9	2	6	88	1291		7.024948	
10	3	6	62.1	1971	1818	7.371259	
11	2	6	91	1342		7.888892	
12	2	6	79.4	1752		8.916299	
13	2	6	81.7	1810		9.786006	
14	3	6	95.3	1175	1335	10.298728	
15	3	6	69.9	1621	1759	11.097626	
16	2	6	74.5	1704		11.324852	

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	8	98.7			0.18864	1
1	2	8	69.9	1099		1.32602	
2	2	8	93.1	1378		2.435423	
3	2	8	78.7	1376		3.065031	
4	1	8	69.3			3.645679	
5	2	8	78.6	1062		4.569436	
6	3	8	56.3	1549	1424	5.853679	
7	1	8	81			6.601322	
8	3	8	66.7	1829	1269	7.509524	
9	1	8	79.7			8.489732	
10	1	8	99.2			9.20369	
11	3	8	97.7	1797	1381	10.204233	
12	2	8	91.7	1940		10.62061	
13	2	8	67.3	1734		11.409243	

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	5	79.3	1376	1582	0.082344	1
1	1	5	73.8			1.764284	
2	3	5	56.7	1622	1913	2.021605	
3	2	5	76.2	1456		3.192914	
4	2	5	90.9	1759		4.100626	
5	3	5	63.2	1270	1222	4.792183	
6	3	5	74.5	1927	1152	6.433592	
7	2	5	71.8	1132		6.483905	
8	2	5	63.9	1556		7.900222	
9	2	5	69.6	1621		9.014648	
10	3	5	73.8	1829	1297	10.050223	
11	3	5	78.5	1909	1546	10.905385	
12	2	5	55.6	1996		11.09859	

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	9	53.2	1754	1523	0.23911	
1	2	9	77.1	1525		1.407025	
2	2	9	91.9	1048		2.743088	
3	1	9	77.7			3.194163	
4	1	9	60.3			3.872143	
5	2	9	62.4	1908		4.720914	
6	3	9	57.6	1883	1450	6.145457	1
7	1	9	58.3			6.824094	
8	1	9	76.1			8.193114	
9	2	9	60	1072		9.114964	
10	1	9	87.7			9.543234	
11	3	9	55.6	1995	1846	10.945559	
12	2	9	74.3	1743		11.663172	

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	6	83	1889	1653	0.331328	
1	2	6	83.8	1984		1.502678	
2	2	6	96.7	1526		3.485952	
3	2	6	58	1165		5.178286	
4	2	6	79.6	1268		6.36787	1
5	2	6	57.9	1177		7.510149	
6	2	6	78.3	1287		9.321625	
7	2	6	86.7	1694		10.560632	
8	2	6	51.8	1458		10.725903	

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	15	93.3			0.337631	
1	2	15	67.8	1489		0.968583	
2	3	15	55.8	1765	1959	1.46225	
3	3	15	71.9	1114	1235	2.424533	
4	2	15	72	1515		3.390258	
5	3	15	56.8	1659	1018	3.671046	
6	1	15	82.2			4.309399	
7	1	15	76.6			5.135431	
8	2	15	92.2	1017		6.330351	0
9	3	15	70.6	1360	1161	6.931259	
10	2	15	63.8	1575		7.168005	
11	1	15	93.7			8.239981	
12	2	15	66	1188		8.99118	
13	2	15	85.8	1154		9.534472	
14	2	15	60.6	1992		10.486869	
15	3	15	53.9	1144	1727	11.264282	
16	2	15	66.7	1279		11.976709	

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	10	96.7			0.102419	
1	3	10	87.1	1745	1459	1.306936	
2	3	10	92.9	1180	1709	2.799376	
3	2	10	72.5	1129		3.938355	
4	2	10	94.2	1517		5.390918	
5	3	10	96.2	1303	1001	6.23888	1
6	2	10	51.8	1021		6.83976	
7	2	10	95.9	1112		8.315579	
8	2	10	71	1466		9.280656	
9	2	10	72.2	1707		10.029003	
10	3	10	50.6	1051	1276	11.347814	

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	5519.0, 5285.0, 5289.0, 5525.0, 5656.0, 5595.0, 5634.0, 5447.0, 5653.0, 5717.0, 5283.0, 5655.0, 5382.0, 5513.0, 5628.0, 5622.0, 5625.0, 5252.0, 5445.0, 5700.0, 5687.0, 5374.0, 5673.0, 5659.0, 5564.0, 5620.0, 5675.0, 5312.0, 5429.0, 5502.0, 5507.0, 5671.0, 5678.0, 5297.0, 5491.0, 5428.0, 5493.0, 5323.0, 5565.0, 5306.0, 5313.0, 5362.0, 5310.0, 5368.0, 5496.0, 5350.0, 5375.0, 5699.0, 5629.0, 5415.0, 5486.0, 5275.0, 5300.0, 5402.0, 5534.0, 5399.0, 5356.0, 5459.0, 5259.0, 5651.0, 5604.0, 5706.0, 5400.0, 5707.0, 5439.0, 5373.0, 5557.0, 5497.0, 5481.0, 5674.0, 5708.0, 5377.0, 5349.0, 5701.0, 5302.0, 5589.0, 5435.0, 5603.0, 5647.0, 5588.0, 5363.0, 5413.0, 5582.0, 5668.0, 5591.0, 5452.0, 5422.0, 5549.0, 5543.0, 5274.0, 5316.0, 5309.0, 5354.0, 5492.0, 5479.0, 5463.0, 5635.0, 5343.0, 5529.0, 5621.0 (number of hits: 17)
2	5290	9	1	333	1	5706.0, 5345.0, 5360.0, 5469.0, 5551.0, 5626.0, 5539.0, 5620.0, 5461.0, 5528.0, 5309.0, 5449.0, 5684.0, 5691.0, 5533.0, 5497.0, 5499.0, 5521.0, 5642.0, 5406.0, 5297.0, 5265.0, 5382.0, 5646.0, 5260.0, 5383.0, 5431.0, 5524.0, 5668.0, 5522.0, 5695.0, 5268.0, 5628.0, 5525.0, 5400.0, 5604.0, 5560.0, 5355.0, 5671.0, 5502.0, 5488.0, 5429.0, 5257.0, 5694.0, 5530.0, 5664.0, 5304.0, 5347.0, 5299.0, 5339.0, 5705.0, 5416.0, 5598.0, 5568.0, 5418.0, 5451.0, 5344.0, 5332.0, 5264.0, 5405.0, 5471.0, 5625.0, 5362.0, 5557.0, 5656.0, 5277.0, 5448.0, 5631.0, 5681.0, 5687.0, 5354.0, 5711.0, 5438.0, 5422.0, 5312.0, 5640.0, 5523.0, 5465.0, 5474.0, 5629.0, 5310.0, 5610.0, 5498.0, 5597.0, 5256.0, 5720.0, 5591.0, 5517.0, 5552.0, 5321.0, 5315.0, 5456.0, 5508.0, 5614.0, 5432.0, 5323.0, 5534.0, 5477.0, 5254.0, 5439.0 (number of hits: 17)
3	5290	9	1	333	1	5511.0, 5509.0, 5652.0, 5625.0, 5577.0, 5694.0, 5382.0, 5447.0, 5680.0, 5519.0, 5498.0, 5678.0, 5396.0, 5410.0, 5416.0, 5321.0, 5606.0, 5650.0, 5316.0, 5546.0, 5596.0, 5537.0, 5455.0, 5691.0, 5370.0, 5477.0, 5387.0, 5376.0, 5688.0, 5391.0, 5553.0, 5298.0, 5589.0, 5404.0, 5347.0, 5513.0, 5572.0, 5288.0, 5473.0, 5425.0, 5704.0, 5607.0, 5514.0, 5320.0, 5414.0, 5570.0, 5317.0, 5641.0, 5305.0, 5453.0, 5332.0, 5360.0, 5497.0, 5676.0, 5593.0,

						5474.0, 5293.0, 5550.0, 5621.0, 5610.0, 5601.0, 5363.0, 5551.0, 5624.0, 5710.0, 5666.0, 5389.0, 5579.0, 5566.0, 5419.0, 5580.0, 5630.0, 5356.0, 5375.0, 5432.0, 5592.0, 5493.0, 5422.0, 5508.0, 5308.0, 5323.0, 5386.0, 5379.0, 5262.0, 5371.0, 5268.0, 5368.0, 5286.0, 5261.0, 5463.0, 5271.0, 5512.0, 5279.0, 5540.0, 5319.0, 5252.0, 5459.0, 5524.0, 5670.0, 5324.0 (number of hits: 19)
4	5290	9	1	333	1	5299.0, 5415.0, 5715.0, 5339.0, 5543.0, 5427.0, 5650.0, 5425.0, 5271.0, 5333.0, 5605.0, 5658.0, 5486.0, 5470.0, 5423.0, 5636.0, 5420.0, 5479.0, 5682.0, 5602.0, 5344.0, 5386.0, 5257.0, 5303.0, 5371.0, 5589.0, 5712.0, 5451.0, 5693.0, 5657.0, 5385.0, 5691.0, 5686.0, 5295.0, 5661.0, 5587.0, 5401.0, 5380.0, 5300.0, 5571.0, 5566.0, 5417.0, 5461.0, 5536.0, 5481.0, 5523.0, 5665.0, 5704.0, 5579.0, 5431.0, 5349.0, 5542.0, 5430.0, 5358.0, 5492.0, 5714.0, 5375.0, 5501.0, 5395.0, 5547.0, 5659.0, 5615.0, 5378.0, 5549.0, 5629.0, 5439.0, 5403.0, 5373.0, 5359.0, 5666.0, 5720.0, 5688.0, 5474.0, 5441.0, 5453.0, 5302.0, 5265.0, 5529.0, 5559.0, 5504.0, 5556.0, 5351.0, 5717.0, 5635.0, 5596.0, 5436.0, 5418.0, 5475.0, 5463.0, 5670.0, 5567.0, 5637.0, 5716.0, 5338.0, 5457.0, 5668.0, 5520.0, 5558.0, 5291.0, 5513.0 (number of hits: 9)
5	5290	9	1	333	1	5296.0, 5575.0, 5659.0, 5362.0, 5506.0, 5392.0, 5359.0, 5522.0, 5616.0, 5562.0, 5594.0, 5674.0, 5445.0, 5446.0, 5458.0, 5340.0, 5473.0, 5555.0, 5347.0, 5657.0, 5497.0, 5518.0, 5680.0, 5488.0, 5335.0, 5537.0, 5634.0, 5321.0, 5507.0, 5418.0, 5626.0, 5563.0, 5390.0, 5419.0, 5544.0, 5396.0, 5382.0, 5475.0, 5511.0, 5267.0, 5628.0, 5300.0, 5686.0, 5579.0, 5590.0, 5375.0, 5320.0, 5573.0, 5576.0, 5420.0, 5385.0, 5461.0, 5404.0, 5409.0, 5649.0, 5638.0, 5495.0, 5480.0, 5295.0, 5453.0, 5319.0, 5408.0, 5620.0, 5490.0, 5596.0, 5462.0, 5671.0, 5698.0, 5432.0, 5397.0, 5262.0, 5692.0, 5334.0, 5329.0, 5646.0, 5552.0, 5277.0, 5549.0, 5695.0, 5387.0, 5569.0, 5264.0, 5293.0, 5679.0, 5489.0, 5567.0, 5722.0, 5523.0, 5685.0, 5607.0, 5618.0, 5349.0, 5376.0, 5571.0, 5677.0, 5383.0, 5346.0, 5410.0, 5715.0, 5263.0 (number of hits: 13)
6	5290	9	1	333	1	5485.0, 5495.0, 5266.0, 5624.0, 5457.0, 5577.0, 5547.0, 5261.0, 5285.0, 5664.0, 5384.0, 5326.0, 5628.0, 5435.0, 5585.0, 5386.0, 5658.0, 5616.0, 5668.0, 5328.0, 5655.0, 5346.0, 5323.0, 5615.0, 5373.0, 5420.0, 5292.0, 5463.0, 5537.0, 5310.0, 5336.0, 5482.0, 5665.0, 5643.0, 5257.0,

						5423.0, 5258.0, 5412.0, 5515.0, 5619.0, 5379.0, 5516.0, 5359.0, 5362.0, 5679.0, 5645.0, 5443.0, 5609.0, 5720.0, 5574.0, 5295.0, 5571.0, 5522.0, 5579.0, 5648.0, 5503.0, 5385.0, 5653.0, 5448.0, 5260.0, 5506.0, 5283.0, 5268.0, 5322.0, 5672.0, 5415.0, 5354.0, 5402.0, 5419.0, 5532.0, 5472.0, 5316.0, 5447.0, 5651.0, 5360.0, 5525.0, 5489.0, 5486.0, 5677.0, 5364.0, 5659.0, 5589.0, 5440.0, 5267.0, 5464.0, 5344.0, 5404.0, 5358.0, 5349.0, 5475.0, 5709.0, 5673.0, 5699.0, 5569.0, 5409.0, 5676.0, 5620.0, 5588.0, 5592.0, 5586.0 (number of hits: 17)
7	5290	9	1	333	1	5433.0, 5350.0, 5301.0, 5588.0, 5376.0, 5511.0, 5698.0, 5426.0, 5452.0, 5552.0, 5465.0, 5361.0, 5347.0, 5346.0, 5392.0, 5357.0, 5362.0, 5367.0, 5629.0, 5561.0, 5584.0, 5261.0, 5291.0, 5264.0, 5498.0, 5298.0, 5414.0, 5378.0, 5263.0, 5284.0, 5444.0, 5593.0, 5618.0, 5482.0, 5527.0, 5407.0, 5723.0, 5273.0, 5313.0, 5572.0, 5652.0, 5397.0, 5430.0, 5547.0, 5288.0, 5518.0, 5358.0, 5335.0, 5724.0, 5576.0, 5603.0, 5664.0, 5506.0, 5427.0, 5508.0, 5470.0, 5557.0, 5639.0, 5624.0, 5364.0, 5382.0, 5340.0, 5272.0, 5680.0, 5658.0, 5681.0, 5685.0, 5472.0, 5594.0, 5445.0, 5305.0, 5638.0, 5543.0, 5312.0, 5711.0, 5424.0, 5279.0, 5663.0, 5598.0, 5487.0, 5574.0, 5393.0, 5608.0, 5504.0, 5451.0, 5395.0, 5277.0, 5595.0, 5636.0, 5386.0, 5383.0, 5442.0, 5399.0, 5599.0, 5251.0, 5303.0, 5534.0, 5623.0, 5269.0, 5667.0 (number of hits: 18)
8	5290	9	1	333	1	5517.0, 5546.0, 5545.0, 5551.0, 5448.0, 5476.0, 5346.0, 5276.0, 5600.0, 5511.0, 5359.0, 5425.0, 5622.0, 5475.0, 5310.0, 5555.0, 5415.0, 5525.0, 5402.0, 5379.0, 5576.0, 5523.0, 5569.0, 5673.0, 5677.0, 5481.0, 5676.0, 5698.0, 5509.0, 5571.0, 5392.0, 5693.0, 5279.0, 5386.0, 5420.0, 5608.0, 5302.0, 5668.0, 5510.0, 5350.0, 5358.0, 5675.0, 5381.0, 5353.0, 5689.0, 5669.0, 5541.0, 5724.0, 5512.0, 5268.0, 5616.0, 5483.0, 5382.0, 5518.0, 5383.0, 5543.0, 5602.0, 5262.0, 5305.0, 5456.0, 5338.0, 5269.0, 5256.0, 5583.0, 5679.0, 5508.0, 5369.0, 5454.0, 5567.0, 5634.0, 5277.0, 5584.0, 5570.0, 5360.0, 5653.0, 5574.0, 5477.0, 5630.0, 5313.0, 5516.0, 5680.0, 5718.0, 5710.0, 5479.0, 5265.0, 5721.0, 5257.0, 5595.0, 5417.0, 5412.0, 5504.0, 5708.0, 5720.0, 5317.0, 5293.0, 5297.0, 5524.0, 5589.0, 5564.0, 5335.0 (number of hits: 16)
9	5290	9	1	333	1	5395.0, 5592.0, 5368.0, 5685.0, 5713.0, 5324.0, 5717.0, 5577.0, 5358.0, 5449.0, 5561.0, 5342.0, 5260.0, 5279.0, 5441.0,

						5369.0, 5301.0, 5702.0, 5349.0, 5268.0, 5528.0, 5355.0, 5367.0, 5488.0, 5364.0, 5599.0, 5578.0, 5616.0, 5492.0, 5421.0, 5619.0, 5669.0, 5633.0, 5704.0, 5655.0, 5337.0, 5264.0, 5555.0, 5269.0, 5385.0, 5376.0, 5700.0, 5382.0, 5615.0, 5545.0, 5701.0, 5681.0, 5654.0, 5540.0, 5628.0, 5374.0, 5415.0, 5273.0, 5262.0, 5596.0, 5266.0, 5308.0, 5607.0, 5712.0, 5442.0, 5508.0, 5375.0, 5603.0, 5506.0, 5307.0, 5411.0, 5343.0, 5715.0, 5686.0, 5494.0, 5583.0, 5490.0, 5581.0, 5448.0, 5515.0, 5439.0, 5689.0, 5527.0, 5466.0, 5267.0, 5670.0, 5572.0, 5457.0, 5548.0, 5285.0, 5276.0, 5413.0, 5658.0, 5595.0, 5556.0, 5425.0, 5521.0, 5639.0, 5321.0, 5299.0, 5458.0, 5468.0, 5474.0, 5270.0, 5536.0 (number of hits: 18)
10	5290	9	1	333	1	5681.0, 5673.0, 5576.0, 5585.0, 5565.0, 5363.0, 5509.0, 5526.0, 5637.0, 5667.0, 5502.0, 5389.0, 5544.0, 5273.0, 5547.0, 5364.0, 5265.0, 5382.0, 5588.0, 5521.0, 5610.0, 5347.0, 5328.0, 5575.0, 5474.0, 5491.0, 5319.0, 5523.0, 5439.0, 5470.0, 5628.0, 5614.0, 5342.0, 5404.0, 5560.0, 5592.0, 5254.0, 5486.0, 5283.0, 5579.0, 5607.0, 5475.0, 5300.0, 5476.0, 5400.0, 5330.0, 5505.0, 5696.0, 5252.0, 5276.0, 5435.0, 5571.0, 5461.0, 5456.0, 5312.0, 5473.0, 5566.0, 5274.0, 5692.0, 5333.0, 5337.0, 5698.0, 5499.0, 5462.0, 5518.0, 5302.0, 5402.0, 5631.0, 5506.0, 5503.0, 5480.0, 5641.0, 5485.0, 5723.0, 5369.0, 5555.0, 5277.0, 5433.0, 5492.0, 5488.0, 5515.0, 5578.0, 5335.0, 5563.0, 5450.0, 5436.0, 5617.0, 5299.0, 5660.0, 5602.0, 5513.0, 5271.0, 5352.0, 5430.0, 5532.0, 5511.0, 5648.0, 5395.0, 5686.0, 5378.0 (number of hits: 15)
11	5290	9	1	333	1	5572.0, 5433.0, 5541.0, 5682.0, 5380.0, 5386.0, 5283.0, 5524.0, 5472.0, 5525.0, 5534.0, 5565.0, 5484.0, 5560.0, 5529.0, 5587.0, 5561.0, 5709.0, 5329.0, 5687.0, 5692.0, 5292.0, 5675.0, 5391.0, 5592.0, 5578.0, 5705.0, 5275.0, 5345.0, 5512.0, 5653.0, 5267.0, 5649.0, 5715.0, 5642.0, 5286.0, 5557.0, 5604.0, 5276.0, 5595.0, 5477.0, 5631.0, 5667.0, 5582.0, 5652.0, 5397.0, 5710.0, 5659.0, 5691.0, 5551.0, 5584.0, 5466.0, 5445.0, 5486.0, 5507.0, 5279.0, 5393.0, 5583.0, 5549.0, 5452.0, 5543.0, 5340.0, 5323.0, 5470.0, 5590.0, 5711.0, 5352.0, 5550.0, 5632.0, 5315.0, 5362.0, 5258.0, 5264.0, 5616.0, 5420.0, 5528.0, 5358.0, 5396.0, 5328.0, 5282.0, 5365.0, 5339.0, 5273.0, 5253.0, 5257.0, 5330.0, 5699.0, 5625.0, 5596.0, 5552.0, 5574.0, 5622.0, 5417.0, 5291.0, 5570.0, 5698.0, 5259.0, 5436.0, 5310.0, 5556.0

						(number of hits: 20)
12	5290	9	1	333	1	5280.0, 5711.0, 5603.0, 5433.0, 5320.0, 5486.0, 5653.0, 5662.0, 5467.0, 5261.0, 5460.0, 5446.0, 5373.0, 5702.0, 5532.0, 5554.0, 5368.0, 5528.0, 5519.0, 5523.0, 5344.0, 5250.0, 5384.0, 5712.0, 5257.0, 5362.0, 5386.0, 5555.0, 5293.0, 5542.0, 5289.0, 5279.0, 5465.0, 5584.0, 5683.0, 5607.0, 5708.0, 5587.0, 5494.0, 5278.0, 5459.0, 5441.0, 5541.0, 5642.0, 5664.0, 5407.0, 5719.0, 5382.0, 5275.0, 5497.0, 5684.0, 5692.0, 5328.0, 5629.0, 5321.0, 5489.0, 5352.0, 5630.0, 5392.0, 5394.0, 5608.0, 5379.0, 5395.0, 5685.0, 5442.0, 5397.0, 5298.0, 5316.0, 5682.0, 5597.0, 5665.0, 5520.0, 5696.0, 5525.0, 5346.0, 5456.0, 5499.0, 5627.0, 5585.0, 5615.0, 5667.0, 5697.0, 5256.0, 5524.0, 5462.0, 5622.0, 5707.0, 5367.0, 5654.0, 5361.0, 5401.0, 5329.0, 5473.0, 5472.0, 5400.0, 5305.0, 5716.0, 5414.0, 5402.0, 5578.0 (number of hits: 17)
13	5290	9	1	333	1	5433.0, 5570.0, 5451.0, 5347.0, 5342.0, 5262.0, 5614.0, 5690.0, 5713.0, 5277.0, 5649.0, 5544.0, 5689.0, 5464.0, 5299.0, 5420.0, 5392.0, 5423.0, 5677.0, 5312.0, 5498.0, 5353.0, 5431.0, 5345.0, 5268.0, 5271.0, 5429.0, 5547.0, 5314.0, 5453.0, 5501.0, 5355.0, 5503.0, 5694.0, 5260.0, 5316.0, 5350.0, 5600.0, 5505.0, 5595.0, 5623.0, 5655.0, 5526.0, 5569.0, 5666.0, 5581.0, 5647.0, 5621.0, 5645.0, 5598.0, 5502.0, 5482.0, 5282.0, 5438.0, 5661.0, 5627.0, 5328.0, 5670.0, 5324.0, 5341.0, 5577.0, 5630.0, 5358.0, 5658.0, 5700.0, 5253.0, 5497.0, 5715.0, 5441.0, 5535.0, 5488.0, 5607.0, 5538.0, 5473.0, 5664.0, 5722.0, 5493.0, 5628.0, 5292.0, 5402.0, 5411.0, 5283.0, 5663.0, 5533.0, 5303.0, 5484.0, 5653.0, 5672.0, 5687.0, 5333.0, 5609.0, 5401.0, 5612.0, 5651.0, 5573.0, 5446.0, 5389.0, 5371.0, 5447.0, 5583.0 (number of hits: 16)
14	5290	9	1	333	1	5388.0, 5279.0, 5703.0, 5453.0, 5297.0, 5605.0, 5623.0, 5614.0, 5380.0, 5592.0, 5576.0, 5450.0, 5399.0, 5529.0, 5300.0, 5270.0, 5466.0, 5324.0, 5585.0, 5640.0, 5371.0, 5563.0, 5705.0, 5596.0, 5607.0, 5525.0, 5574.0, 5677.0, 5513.0, 5355.0, 5646.0, 5598.0, 5285.0, 5296.0, 5549.0, 5662.0, 5486.0, 5295.0, 5671.0, 5612.0, 5266.0, 5639.0, 5441.0, 5411.0, 5387.0, 5261.0, 5503.0, 5522.0, 5330.0, 5337.0, 5317.0, 5342.0, 5383.0, 5430.0, 5449.0, 5494.0, 5692.0, 5479.0, 5630.0, 5407.0, 5332.0, 5254.0, 5556.0, 5468.0, 5447.0, 5622.0, 5651.0, 5260.0, 5488.0, 5368.0, 5403.0, 5523.0, 5548.0, 5694.0, 5644.0, 5459.0, 5350.0, 5710.0, 5291.0, 5613.0,

						5356.0, 5701.0, 5422.0, 5539.0, 5649.0, 5431.0, 5377.0, 5709.0, 5258.0, 5667.0, 5653.0, 5252.0, 5511.0, 5463.0, 5625.0, 5558.0, 5618.0, 5489.0, 5516.0, 5427.0 (number of hits: 16)
15	5290	9	1	333	1	5377.0, 5340.0, 5548.0, 5393.0, 5530.0, 5331.0, 5642.0, 5480.0, 5423.0, 5299.0, 5513.0, 5586.0, 5637.0, 5544.0, 5666.0, 5565.0, 5695.0, 5554.0, 5650.0, 5422.0, 5318.0, 5582.0, 5290.0, 5258.0, 5277.0, 5494.0, 5320.0, 5585.0, 5317.0, 5688.0, 5655.0, 5265.0, 5349.0, 5278.0, 5328.0, 5444.0, 5303.0, 5499.0, 5297.0, 5314.0, 5633.0, 5338.0, 5643.0, 5496.0, 5321.0, 5465.0, 5623.0, 5358.0, 5652.0, 5442.0, 5606.0, 5576.0, 5560.0, 5708.0, 5721.0, 5608.0, 5679.0, 5459.0, 5407.0, 5626.0, 5498.0, 5526.0, 5654.0, 5274.0, 5694.0, 5461.0, 5594.0, 5343.0, 5663.0, 5591.0, 5617.0, 5710.0, 5355.0, 5342.0, 5535.0, 5627.0, 5667.0, 5357.0, 5522.0, 5448.0, 5651.0, 5580.0, 5329.0, 5284.0, 5439.0, 5511.0, 5540.0, 5597.0, 5470.0, 5573.0, 5613.0, 5622.0, 5346.0, 5353.0, 5712.0, 5514.0, 5443.0, 5649.0, 5549.0, 5302.0 (number of hits: 18)
16	5290	9	1	333	1	5383.0, 5364.0, 5717.0, 5380.0, 5512.0, 5629.0, 5478.0, 5492.0, 5439.0, 5313.0, 5633.0, 5400.0, 5321.0, 5561.0, 5419.0, 5394.0, 5482.0, 5407.0, 5354.0, 5464.0, 5301.0, 5699.0, 5601.0, 5431.0, 5670.0, 5562.0, 5456.0, 5469.0, 5350.0, 5305.0, 5459.0, 5500.0, 5542.0, 5309.0, 5593.0, 5284.0, 5262.0, 5584.0, 5296.0, 5505.0, 5341.0, 5428.0, 5473.0, 5266.0, 5632.0, 5395.0, 5497.0, 5256.0, 5294.0, 5502.0, 5686.0, 5597.0, 5409.0, 5411.0, 5403.0, 5440.0, 5527.0, 5675.0, 5292.0, 5712.0, 5468.0, 5630.0, 5442.0, 5471.0, 5517.0, 5349.0, 5417.0, 5682.0, 5362.0, 5516.0, 5282.0, 5484.0, 5363.0, 5368.0, 5612.0, 5382.0, 5513.0, 5493.0, 5504.0, 5684.0, 5518.0, 5281.0, 5278.0, 5610.0, 5653.0, 5526.0, 5318.0, 5673.0, 5326.0, 5551.0, 5558.0, 5298.0, 5587.0, 5452.0, 5572.0, 5571.0, 5631.0, 5696.0, 5681.0, 5320.0 (number of hits: 19)
17	5290	9	1	333	1	5485.0, 5667.0, 5299.0, 5719.0, 5330.0, 5700.0, 5520.0, 5588.0, 5637.0, 5458.0, 5380.0, 5551.0, 5576.0, 5463.0, 5549.0, 5294.0, 5625.0, 5711.0, 5542.0, 5424.0, 5470.0, 5586.0, 5491.0, 5301.0, 5626.0, 5282.0, 5372.0, 5617.0, 5259.0, 5401.0, 5691.0, 5302.0, 5540.0, 5708.0, 5628.0, 5295.0, 5713.0, 5283.0, 5385.0, 5580.0, 5672.0, 5407.0, 5555.0, 5635.0, 5643.0, 5662.0, 5621.0, 5709.0, 5698.0, 5483.0, 5284.0, 5440.0, 5507.0, 5615.0, 5536.0, 5641.0, 5272.0, 5514.0, 5344.0, 5435.0,

						5611.0, 5482.0, 5444.0, 5558.0, 5651.0, 5405.0, 5486.0, 5399.0, 5597.0, 5329.0, 5417.0, 5305.0, 5253.0, 5431.0, 5594.0, 5418.0, 5339.0, 5602.0, 5387.0, 5699.0, 5366.0, 5379.0, 5415.0, 5263.0, 5453.0, 5278.0, 5573.0, 5315.0, 5341.0, 5377.0, 5457.0, 5446.0, 5285.0, 5702.0, 5716.0, 5683.0, 5317.0, 5609.0, 5316.0, 5530.0 (number of hits: 19)
18	5290	9	1	333	1	5705.0, 5424.0, 5550.0, 5716.0, 5446.0, 5315.0, 5504.0, 5383.0, 5425.0, 5654.0, 5564.0, 5710.0, 5342.0, 5352.0, 5385.0, 5520.0, 5430.0, 5569.0, 5378.0, 5722.0, 5301.0, 5513.0, 5627.0, 5568.0, 5616.0, 5561.0, 5515.0, 5576.0, 5637.0, 5718.0, 5556.0, 5423.0, 5605.0, 5625.0, 5583.0, 5473.0, 5333.0, 5470.0, 5565.0, 5326.0, 5312.0, 5543.0, 5338.0, 5471.0, 5523.0, 5462.0, 5447.0, 5406.0, 5263.0, 5614.0, 5538.0, 5420.0, 5631.0, 5648.0, 5486.0, 5439.0, 5365.0, 5644.0, 5348.0, 5458.0, 5285.0, 5651.0, 5505.0, 5292.0, 5671.0, 5717.0, 5444.0, 5514.0, 5304.0, 5282.0, 5310.0, 5318.0, 5256.0, 5367.0, 5575.0, 5574.0, 5521.0, 5703.0, 5480.0, 5660.0, 5624.0, 5455.0, 5380.0, 5584.0, 5284.0, 5535.0, 5554.0, 5506.0, 5271.0, 5563.0, 5512.0, 5476.0, 5395.0, 5330.0, 5371.0, 5559.0, 5360.0, 5293.0, 5522.0, 5536.0 (number of hits: 15)
19	5290	9	1	333	1	5680.0, 5574.0, 5667.0, 5681.0, 5670.0, 5295.0, 5596.0, 5554.0, 5287.0, 5607.0, 5436.0, 5333.0, 5277.0, 5397.0, 5590.0, 5653.0, 5540.0, 5531.0, 5454.0, 5711.0, 5326.0, 5713.0, 5327.0, 5514.0, 5272.0, 5341.0, 5600.0, 5637.0, 5355.0, 5422.0, 5322.0, 5627.0, 5583.0, 5520.0, 5440.0, 5331.0, 5368.0, 5550.0, 5568.0, 5381.0, 5512.0, 5433.0, 5631.0, 5612.0, 5641.0, 5313.0, 5417.0, 5605.0, 5255.0, 5487.0, 5299.0, 5654.0, 5316.0, 5591.0, 5640.0, 5370.0, 5465.0, 5685.0, 5302.0, 5498.0, 5378.0, 5429.0, 5722.0, 5314.0, 5435.0, 5570.0, 5695.0, 5493.0, 5633.0, 5597.0, 5648.0, 5285.0, 5362.0, 5456.0, 5354.0, 5543.0, 5329.0, 5548.0, 5625.0, 5423.0, 5293.0, 5374.0, 5447.0, 5337.0, 5464.0, 5608.0, 5439.0, 5524.0, 5564.0, 5510.0, 5476.0, 5552.0, 5665.0, 5588.0, 5484.0, 5413.0, 5375.0, 5720.0, 5620.0, 5634.0 (number of hits: 16)
20	5290	9	1	333	1	5325.0, 5583.0, 5452.0, 5560.0, 5676.0, 5414.0, 5692.0, 5409.0, 5496.0, 5368.0, 5429.0, 5501.0, 5572.0, 5647.0, 5637.0, 5401.0, 5347.0, 5654.0, 5341.0, 5274.0, 5432.0, 5618.0, 5636.0, 5548.0, 5403.0, 5361.0, 5316.0, 5376.0, 5333.0, 5263.0, 5483.0, 5388.0, 5479.0, 5444.0, 5519.0, 5679.0, 5662.0, 5497.0, 5297.0, 5352.0,

						5576.0, 5690.0, 5383.0, 5413.0, 5674.0, 5528.0, 5258.0, 5280.0, 5468.0, 5321.0, 5504.0, 5703.0, 5707.0, 5343.0, 5475.0, 5443.0, 5477.0, 5284.0, 5434.0, 5417.0, 5465.0, 5267.0, 5506.0, 5722.0, 5520.0, 5296.0, 5422.0, 5624.0, 5509.0, 5657.0, 5513.0, 5630.0, 5525.0, 5405.0, 5634.0, 5623.0, 5266.0, 5393.0, 5599.0, 5453.0, 5526.0, 5495.0, 5277.0, 5723.0, 5704.0, 5559.0, 5575.0, 5518.0, 5345.0, 5564.0, 5545.0, 5666.0, 5661.0, 5568.0, 5574.0, 5712.0, 5349.0, 5253.0, 5709.0, 5587.0 (number of hits: 14)
21	5290	9	1	333	1	5497.0, 5275.0, 5444.0, 5337.0, 5457.0, 5712.0, 5612.0, 5552.0, 5597.0, 5624.0, 5326.0, 5673.0, 5643.0, 5488.0, 5419.0, 5596.0, 5638.0, 5322.0, 5518.0, 5261.0, 5530.0, 5451.0, 5714.0, 5589.0, 5723.0, 5272.0, 5495.0, 5633.0, 5481.0, 5286.0, 5329.0, 5313.0, 5576.0, 5575.0, 5705.0, 5572.0, 5293.0, 5508.0, 5479.0, 5677.0, 5422.0, 5350.0, 5316.0, 5393.0, 5399.0, 5410.0, 5546.0, 5553.0, 5398.0, 5397.0, 5308.0, 5513.0, 5402.0, 5274.0, 5669.0, 5395.0, 5409.0, 5367.0, 5609.0, 5539.0, 5421.0, 5461.0, 5401.0, 5391.0, 5525.0, 5585.0, 5702.0, 5591.0, 5458.0, 5493.0, 5281.0, 5305.0, 5680.0, 5467.0, 5644.0, 5652.0, 5512.0, 5510.0, 5318.0, 5336.0, 5544.0, 5406.0, 5376.0, 5514.0, 5303.0, 5354.0, 5559.0, 5688.0, 5388.0, 5584.0, 5346.0, 5277.0, 5327.0, 5697.0, 5618.0, 5646.0, 5475.0, 5628.0, 5663.0, 5260.0 (number of hits: 19)
22	5290	9	1	333	1	5377.0, 5581.0, 5516.0, 5650.0, 5295.0, 5537.0, 5453.0, 5483.0, 5512.0, 5711.0, 5588.0, 5566.0, 5514.0, 5467.0, 5491.0, 5273.0, 5482.0, 5337.0, 5310.0, 5448.0, 5433.0, 5401.0, 5375.0, 5624.0, 5357.0, 5290.0, 5619.0, 5701.0, 5653.0, 5494.0, 5666.0, 5369.0, 5586.0, 5510.0, 5522.0, 5651.0, 5674.0, 5681.0, 5718.0, 5714.0, 5707.0, 5715.0, 5365.0, 5317.0, 5611.0, 5452.0, 5315.0, 5371.0, 5474.0, 5386.0, 5572.0, 5444.0, 5720.0, 5635.0, 5630.0, 5498.0, 5547.0, 5354.0, 5722.0, 5612.0, 5329.0, 5373.0, 5389.0, 5511.0, 5541.0, 5314.0, 5472.0, 5422.0, 5455.0, 5252.0, 5335.0, 5352.0, 5549.0, 5684.0, 5710.0, 5502.0, 5462.0, 5461.0, 5640.0, 5261.0, 5325.0, 5322.0, 5330.0, 5533.0, 5279.0, 5343.0, 5594.0, 5487.0, 5585.0, 5519.0, 5622.0, 5632.0, 5561.0, 5396.0, 5672.0, 5465.0, 5563.0, 5479.0, 5704.0, 5432.0 (number of hits: 13)
23	5290	9	1	333	1	5509.0, 5492.0, 5693.0, 5421.0, 5641.0, 5537.0, 5324.0, 5634.0, 5431.0, 5450.0, 5662.0, 5275.0, 5337.0, 5284.0, 5290.0, 5582.0, 5484.0, 5458.0, 5487.0, 5637.0,

						5300.0, 5557.0, 5695.0, 5310.0, 5595.0, 5504.0, 5710.0, 5685.0, 5605.0, 5387.0, 5435.0, 5498.0, 5412.0, 5701.0, 5521.0, 5678.0, 5448.0, 5612.0, 5251.0, 5511.0, 5342.0, 5422.0, 5447.0, 5270.0, 5535.0, 5580.0, 5601.0, 5556.0, 5721.0, 5386.0, 5650.0, 5635.0, 5475.0, 5264.0, 5430.0, 5296.0, 5379.0, 5505.0, 5544.0, 5524.0, 5349.0, 5562.0, 5460.0, 5321.0, 5289.0, 5547.0, 5257.0, 5274.0, 5648.0, 5494.0, 5406.0, 5522.0, 5322.0, 5514.0, 5722.0, 5364.0, 5397.0, 5609.0, 5684.0, 5330.0, 5485.0, 5456.0, 5711.0, 5355.0, 5471.0, 5489.0, 5568.0, 5439.0, 5302.0, 5414.0, 5309.0, 5293.0, 5328.0, 5443.0, 5690.0, 5420.0, 5663.0, 5331.0, 5304.0, 5266.0 (number of hits: 21)
24	5290	9	1	333	1	5535.0, 5267.0, 5288.0, 5273.0, 5586.0, 5361.0, 5671.0, 5455.0, 5438.0, 5539.0, 5590.0, 5673.0, 5327.0, 5295.0, 5373.0, 5497.0, 5357.0, 5322.0, 5305.0, 5467.0, 5379.0, 5672.0, 5555.0, 5312.0, 5508.0, 5260.0, 5345.0, 5640.0, 5561.0, 5447.0, 5570.0, 5536.0, 5610.0, 5648.0, 5452.0, 5581.0, 5582.0, 5492.0, 5499.0, 5392.0, 5541.0, 5417.0, 5651.0, 5355.0, 5251.0, 5549.0, 5626.0, 5568.0, 5332.0, 5685.0, 5533.0, 5696.0, 5371.0, 5477.0, 5408.0, 5716.0, 5310.0, 5435.0, 5466.0, 5350.0, 5314.0, 5589.0, 5473.0, 5704.0, 5713.0, 5616.0, 5489.0, 5548.0, 5277.0, 5333.0, 5442.0, 5386.0, 5330.0, 5448.0, 5491.0, 5413.0, 5603.0, 5566.0, 5283.0, 5498.0, 5280.0, 5701.0, 5416.0, 5460.0, 5474.0, 5487.0, 5433.0, 5426.0, 5543.0, 5450.0, 5563.0, 5432.0, 5710.0, 5690.0, 5628.0, 5659.0, 5528.0, 5321.0, 5302.0, 5349.0 (number of hits: 17)
25	5290	9	1	333	1	5251.0, 5357.0, 5521.0, 5666.0, 5458.0, 5310.0, 5501.0, 5356.0, 5334.0, 5435.0, 5389.0, 5473.0, 5483.0, 5366.0, 5386.0, 5509.0, 5288.0, 5490.0, 5264.0, 5315.0, 5486.0, 5600.0, 5716.0, 5551.0, 5550.0, 5614.0, 5379.0, 5487.0, 5556.0, 5428.0, 5425.0, 5404.0, 5363.0, 5471.0, 5564.0, 5708.0, 5536.0, 5681.0, 5546.0, 5548.0, 5713.0, 5256.0, 5707.0, 5285.0, 5331.0, 5296.0, 5339.0, 5637.0, 5717.0, 5279.0, 5616.0, 5274.0, 5384.0, 5561.0, 5346.0, 5571.0, 5309.0, 5715.0, 5260.0, 5710.0, 5395.0, 5253.0, 5675.0, 5298.0, 5624.0, 5361.0, 5391.0, 5427.0, 5430.0, 5269.0, 5308.0, 5578.0, 5601.0, 5319.0, 5459.0, 5656.0, 5385.0, 5555.0, 5345.0, 5621.0, 5441.0, 5543.0, 5482.0, 5255.0, 5596.0, 5680.0, 5542.0, 5695.0, 5517.0, 5538.0, 5643.0, 5461.0, 5706.0, 5606.0, 5661.0, 5683.0, 5605.0, 5390.0, 5503.0, 5344.0 (number of hits: 18)

26	5290	9	1	333	1	5297.0, 5558.0, 5488.0, 5645.0, 5319.0, 5644.0, 5422.0, 5473.0, 5548.0, 5550.0, 5296.0, 5484.0, 5425.0, 5490.0, 5292.0, 5250.0, 5500.0, 5612.0, 5317.0, 5562.0, 5279.0, 5651.0, 5260.0, 5460.0, 5626.0, 5695.0, 5675.0, 5354.0, 5624.0, 5581.0, 5392.0, 5584.0, 5332.0, 5693.0, 5302.0, 5623.0, 5603.0, 5589.0, 5400.0, 5426.0, 5619.0, 5391.0, 5607.0, 5511.0, 5643.0, 5690.0, 5401.0, 5340.0, 5664.0, 5265.0, 5583.0, 5461.0, 5598.0, 5442.0, 5698.0, 5665.0, 5691.0, 5441.0, 5663.0, 5307.0, 5383.0, 5485.0, 5567.0, 5493.0, 5659.0, 5439.0, 5606.0, 5451.0, 5648.0, 5417.0, 5513.0, 5617.0, 5411.0, 5330.0, 5291.0, 5254.0, 5524.0, 5595.0, 5272.0, 5494.0, 5447.0, 5352.0, 5563.0, 5723.0, 5435.0, 5399.0, 5384.0, 5453.0, 5658.0, 5618.0, 5389.0, 5337.0, 5510.0, 5594.0, 5347.0, 5682.0, 5615.0, 5465.0, 5253.0, 5469.0 (number of hits: 15)
27	5290	9	1	333	1	5497.0, 5670.0, 5678.0, 5479.0, 5357.0, 5334.0, 5587.0, 5551.0, 5444.0, 5474.0, 5591.0, 5272.0, 5712.0, 5256.0, 5430.0, 5409.0, 5269.0, 5537.0, 5263.0, 5473.0, 5641.0, 5318.0, 5616.0, 5502.0, 5577.0, 5455.0, 5585.0, 5548.0, 5347.0, 5305.0, 5401.0, 5324.0, 5295.0, 5290.0, 5694.0, 5317.0, 5541.0, 5333.0, 5273.0, 5282.0, 5258.0, 5461.0, 5397.0, 5470.0, 5489.0, 5307.0, 5267.0, 5713.0, 5252.0, 5390.0, 5608.0, 5257.0, 5547.0, 5677.0, 5653.0, 5331.0, 5572.0, 5451.0, 5714.0, 5719.0, 5339.0, 5581.0, 5297.0, 5667.0, 5532.0, 5403.0, 5448.0, 5416.0, 5393.0, 5253.0, 5351.0, 5563.0, 5363.0, 5560.0, 5321.0, 5335.0, 5723.0, 5304.0, 5482.0, 5287.0, 5302.0, 5464.0, 5283.0, 5336.0, 5411.0, 5697.0, 5680.0, 5669.0, 5431.0, 5640.0, 5288.0, 5370.0, 5348.0, 5378.0, 5679.0, 5355.0, 5595.0, 5600.0, 5314.0, 5377.0 (number of hits: 26)
28	5290	9	1	333	1	5294.0, 5536.0, 5688.0, 5270.0, 5394.0, 5473.0, 5301.0, 5306.0, 5544.0, 5589.0, 5272.0, 5467.0, 5682.0, 5368.0, 5619.0, 5350.0, 5451.0, 5517.0, 5364.0, 5719.0, 5714.0, 5328.0, 5528.0, 5254.0, 5381.0, 5416.0, 5666.0, 5363.0, 5276.0, 5611.0, 5271.0, 5379.0, 5574.0, 5481.0, 5516.0, 5639.0, 5638.0, 5477.0, 5503.0, 5712.0, 5582.0, 5699.0, 5450.0, 5382.0, 5482.0, 5488.0, 5525.0, 5348.0, 5449.0, 5609.0, 5636.0, 5413.0, 5608.0, 5616.0, 5572.0, 5444.0, 5325.0, 5530.0, 5443.0, 5612.0, 5486.0, 5347.0, 5253.0, 5560.0, 5551.0, 5707.0, 5579.0, 5630.0, 5331.0, 5496.0, 5569.0, 5500.0, 5316.0, 5664.0, 5531.0, 5484.0, 5652.0, 5296.0, 5465.0, 5547.0, 5273.0, 5721.0, 5401.0, 5357.0, 5480.0,

						5683.0, 5515.0, 5644.0, 5258.0, 5597.0, 5509.0, 5286.0, 5343.0, 5256.0, 5407.0, 5366.0, 5387.0, 5442.0, 5334.0, 5724.0 (number of hits: 17)
29	5290	9	1	333	1	5393.0, 5501.0, 5395.0, 5291.0, 5368.0, 5568.0, 5533.0, 5621.0, 5714.0, 5473.0, 5686.0, 5475.0, 5467.0, 5414.0, 5553.0, 5681.0, 5251.0, 5279.0, 5557.0, 5334.0, 5697.0, 5402.0, 5498.0, 5444.0, 5720.0, 5441.0, 5345.0, 5325.0, 5490.0, 5662.0, 5616.0, 5649.0, 5685.0, 5694.0, 5315.0, 5324.0, 5496.0, 5260.0, 5420.0, 5356.0, 5412.0, 5290.0, 5287.0, 5502.0, 5280.0, 5507.0, 5690.0, 5266.0, 5561.0, 5295.0, 5316.0, 5569.0, 5638.0, 5268.0, 5596.0, 5329.0, 5642.0, 5366.0, 5588.0, 5418.0, 5592.0, 5615.0, 5689.0, 5423.0, 5470.0, 5706.0, 5688.0, 5285.0, 5513.0, 5319.0, 5256.0, 5346.0, 5254.0, 5312.0, 5317.0, 5661.0, 5338.0, 5526.0, 5658.0, 5654.0, 5717.0, 5677.0, 5523.0, 5623.0, 5302.0, 5451.0, 5552.0, 5563.0, 5653.0, 5607.0, 5671.0, 5341.0, 5548.0, 5407.0, 5525.0, 5462.0, 5436.0, 5620.0, 5342.0, 5480.0 (number of hits: 22)
30	5290	9	1	333	1	5442.0, 5360.0, 5410.0, 5309.0, 5387.0, 5673.0, 5288.0, 5394.0, 5642.0, 5683.0, 5540.0, 5655.0, 5341.0, 5266.0, 5333.0, 5714.0, 5381.0, 5551.0, 5349.0, 5412.0, 5400.0, 5579.0, 5253.0, 5595.0, 5445.0, 5495.0, 5470.0, 5332.0, 5647.0, 5631.0, 5461.0, 5485.0, 5317.0, 5326.0, 5635.0, 5363.0, 5425.0, 5356.0, 5693.0, 5265.0, 5308.0, 5600.0, 5505.0, 5688.0, 5721.0, 5444.0, 5303.0, 5378.0, 5369.0, 5339.0, 5622.0, 5494.0, 5657.0, 5402.0, 5393.0, 5648.0, 5544.0, 5556.0, 5279.0, 5606.0, 5395.0, 5518.0, 5659.0, 5322.0, 5441.0, 5580.0, 5340.0, 5489.0, 5676.0, 5417.0, 5416.0, 5490.0, 5487.0, 5596.0, 5605.0, 5391.0, 5338.0, 5562.0, 5451.0, 5692.0, 5545.0, 5306.0, 5384.0, 5434.0, 5380.0, 5598.0, 5386.0, 5700.0, 5366.0, 5433.0, 5507.0, 5690.0, 5457.0, 5337.0, 5493.0, 5701.0, 5497.0, 5618.0, 5568.0, 5469.0 (number of hits: 12)

5540 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	96.7 %	60%	Pass
Aggregate (Type1 to 4)	120	99.17 %	80%	Pass
Type 5	30	86.7 %	80%	Pass
Type 6	30	83.3 %	70%	Pass

Please refer to the following statistical tables:

5540 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	5540	63	1	838	1
2	5540	58	1	918	1
3	5540	83	1	638	1
4	5540	67	1	798	1
5	5540	68	1	778	1
6	5540	78	1	678	1
7	5540	76	1	698	1
8	5540	89	1	598	1
9	5540	59	1	898	1
10	5540	74	1	718	1
11	5540	72	1	738	1
12	5540	92	1	578	1
13	5540	65	1	818	1
14	5540	81	1	658	1
15	5540	57	1	938	1
16	5540	20	1	2729	1
17	5540	47	1	1126	1
18	5540	38	1	1396	1
19	5540	19	1	2805	1
20	5540	23	1	2340	1
21	5540	23	1	2363	1
22	5540	50	1	1071	1
23	5540	35	1	1519	1
24	5540	30	1	1774	1
25	5540	18	1	3031	1
26	5540	32	1	1687	1
27	5540	46	1	1151	1
28	5540	86	1	616	1
29	5540	19	1	2858	1
30	5540	21	1	2575	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	5540	25	4.2	213	1
2	5540	27	3.2	183	1
3	5540	28	4.4	211	1
4	5540	23	1.1	211	1
5	5540	28	3.7	220	1
6	5540	23	4.4	222	1
7	5540	29	2.6	177	1
8	5540	28	2.8	169	1
9	5540	23	1.6	192	1
10	5540	25	3.6	214	1
11	5540	28	3.7	153	1
12	5540	29	1	188	1
13	5540	29	1.2	163	1
14	5540	24	2.8	189	1
15	5540	25	4.5	192	1
16	5540	27	2.5	171	1
17	5540	24	1.8	215	1
18	5540	24	2.1	175	1
19	5540	26	1.1	215	1
20	5540	25	2.8	212	1
21	5540	28	1.5	212	1
22	5540	28	4.1	166	1
23	5540	25	3.4	152	1
24	5540	25	3.1	227	1
25	5540	25	3.8	179	1
26	5540	29	3.8	223	1
27	5540	27	4.9	226	1
28	5540	24	4.2	212	1
29	5540	28	2.6	225	1
30	5540	26	4.3	164	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	5540	17	6.7	316	1
2	5540	18	9.3	391	1
3	5540	17	7.8	435	1
4	5540	18	10	429	1
5	5540	16	8.4	408	1
6	5540	18	7.3	232	1
7	5540	16	9.3	482	1
8	5540	17	9	367	1
9	5540	16	9.1	378	1
10	5540	16	6.8	488	1
11	5540	16	6.8	327	1
12	5540	18	9.6	289	1
13	5540	17	10	402	1
14	5540	17	9.1	329	1
15	5540	16	8.7	417	1
16	5540	16	8.6	308	1
17	5540	16	6.3	308	1
18	5540	17	6.2	376	1
19	5540	17	9	364	1
20	5540	17	8.2	295	1
21	5540	16	10	481	1
22	5540	18	8	500	1
23	5540	18	7.4	376	1
24	5540	18	7.4	403	1
25	5540	17	8.7	438	1
26	5540	18	7.3	202	1
27	5540	16	6.3	317	1
28	5540	17	6.9	500	1
29	5540	18	9.8	268	1
30	5540	17	7.2	254	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	5540	15	18.5	483	1
2	5540	12	18.9	341	1
3	5540	15	13.5	489	1
4	5540	14	20	443	1
5	5540	16	14.8	460	1
6	5540	14	17.6	365	1
7	5540	16	11.6	298	1
8	5540	16	19.5	304	1
9	5540	16	17.2	314	1
10	5540	15	17.4	315	1
11	5540	15	11.7	244	1
12	5540	16	17.1	407	1
13	5540	12	16.8	321	1
14	5540	15	17	473	1
15	5540	12	13.8	313	1
16	5540	12	14.5	441	1
17	5540	13	14.9	402	1
18	5540	16	20	311	1
19	5540	14	16	238	1
20	5540	13	16.8	246	1
21	5540	13	16.2	348	1
22	5540	16	18.7	454	1
23	5540	15	19	488	1
24	5540	16	18.1	394	1
25	5540	14	17.9	208	1
26	5540	13	19.2	442	1
27	5540	14	16.8	223	0
28	5540	12	14.8	279	1
29	5540	14	11	342	1
30	5540	16	11.6	226	1
Detection Percentage: 96.7 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5540	1
2	5540	1
3	5540	0
4	5540	1
5	5540	1
6	5540	1
7	5540	1
8	5540	1
9	5540	1
10	5540	1
11	5533.6	1
12	5532.8	1
13	5532	1
14	5536	1
15	5538	1
16	5536.8	1
17	5533.6	1
18	5536.8	1
19	5534.4	1
20	5534.8	1
21	5542.4	0
22	5543.2	1
23	5545.6	1
24	5547.2	1
25	5543.6	1
26	5547.6	0
27	5544.8	1
28	5544.4	0
29	5546.8	1
30	5547.2	1
Detection Percentage: 86.7 % (>80%)		

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	9	55.1	1662		0.190931	1
1	1	9	93.3			0.881806	
2	3	9	70.1	1351	1487	1.720935	
3	2	9	54.2	1412		2.352808	
4	2	9	86.6	1745		2.680036	
5	3	9	57.3	1166	1838	3.107161	
6	2	9	67.2	1491		3.946081	
7	2	9	59.2	1644		4.346931	
8	2	9	59.9	1663		4.999182	
9	1	9	71.7			5.872626	
10	2	9	84.8	1048		6.379205	
11	1	9	70.6			6.790284	
12	3	9	85.7	1452	1978	7.247069	
13	1	9	67.7			8.160435	
14	3	9	74.4	1190	1468	8.415322	
15	2	9	79.4	1619		9.182414	
16	2	9	55.7	1971		10.070791	
17	2	9	88.8	1949		10.253555	
18	3	9	88.1	1989	1883	11.332547	
19	2	9	68.6	1084		11.922691	

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	13	81.3			0.586548	1
1	1	13	93.3			0.963584	
2	2	13	87.7	1516		1.952679	
3	3	13	58.7	1702	1304	3.21022	
4	2	13	81	1014		3.833308	
5	2	13	79	1335		5.186133	
6	3	13	96	1688	1444	5.786246	
7	2	13	60.3	1324		6.740517	
8	2	13	58.1	1092		7.78855	
9	2	13	90.3	1899		8.831395	
10	2	13	66.6	1968		9.952599	
11	1	13	97.9			10.583942	
12	2	13	97.4	1900		11.517911	

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	1	19	50.4			0.760624	0
1	1	19	96.1			1.867235	
2	2	19	94	1376		2.067572	
3	1	19	80.9			3.182755	
4	3	19	57.5	1069	1338	4.600749	
5	3	19	55.3	1214	1083	5.885577	
6	3	19	91.8	1507	1461	6.952632	
7	2	19	86.3	1494		7.149165	
8	2	19	83.4	1466		8.631627	
9	2	19	92.7	1448		9.904687	
10	3	19	65.4	1766	1690	10.120735	
11	1	19	55			11.241103	

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	5	60.1	1298		0.08031	1
1	2	5	88.8	1125		1.284216	
2	1	5	81.5			1.56763	
3	2	5	91.2	1448		2.198853	
4	2	5	69.6	1206		3.256653	
5	1	5	59.9			3.458225	
6	3	5	91.4	1079	1408	4.599198	
7	2	5	72.9	1434		5.197382	
8	2	5	99.7	1752		5.947691	
9	2	5	93.6	1145		6.406578	
10	2	5	84.1	1823		7.073298	
11	1	5	91.9			7.803914	
12	2	5	93.6	1300		8.630332	
13	2	5	58.3	1601		9.216902	
14	2	5	65.8	1863		9.816012	
15	2	5	82.4	1458		10.560251	
16	2	5	94.9	1675		10.684726	
17	2	5	77.2	1580		11.635599	

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	15	59.3			1.427023	1
1	2	15	69.4	1268		2.325676	
2	1	15	91			3.665903	
3	1	15	74.5			5.907591	
4	2	15	87.5	1620		6.883956	
5	3	15	60.4	1941	1818	8.066565	
6	2	15	51.2	1977		9.099005	
7	3	15	61.3	1050	1326	10.826617	

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	51.3	1923		0.051187	
1	3	15	70.1	1717	1582	1.122044	
2	2	15	99.9	1198		2.10057	
3	1	15	69			3.234564	
4	1	15	85.6			4.232105	
5	2	15	67.1	1223		5.458272	
6	1	15	65.2			6.263122	1
7	2	15	84.3	1691		7.265466	
8	2	15	82.6	1051		7.625063	
9	3	15	94.8	1624	1761	8.46365	
10	1	15	67.9			10.106396	
11	1	15	80.1			10.394558	
12	3	15	51.6	1160	1692	11.47055	

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	5	61	1146		0.040742	
1	2	5	77.6	1721		1.489874	
2	2	5	68.7	1508		1.559315	
3	2	5	51.1	1116		2.586736	
4	2	5	84.8	1660		3.567406	
5	3	5	62.8	1098	1870	4.267457	
6	2	5	85.9	1368		4.614775	
7	2	5	84.2	1827		5.80956	
8	1	5	52.5			6.398343	1
9	3	5	60.7	1706	1978	6.899033	
10	3	5	59.2	1656	1259	8.205363	
11	2	5	82.6	1311		8.850149	
12	2	5	55.7	1331		9.074011	
13	3	5	88	1548	1000	9.842761	
14	2	5	74	1345		10.567437	
15	3	5	56.8	1766	1765	11.835061	

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	16	87.6	1923	1205	0.517273	1
1	2	16	96.9	1102		2.073779	
2	1	16	99			3.272696	
3	1	16	98.5			3.632206	
4	1	16	51.1			4.890843	
5	2	16	89.6	1629		6.991238	
6	2	16	90.2	1281		7.376313	
7	3	16	54.4	1784	1148	8.647292	
8	2	16	58.7	1801		9.772816	
9	1	16	88.8			11.678965	

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	16	76.6	1923		0.211178	1
1	2	16	62.3	1295		1.589653	
2	1	16	89			2.41558	
3	1	16	51.7			3.977864	
4	2	16	64.1	1707		4.682108	
5	1	16	92.8			5.838471	
6	2	16	64.7	1999		6.361148	
7	2	16	50.8	1564		7.56117	
8	2	16	58.7	1248		8.402992	
9	3	16	83.5	1288	1111	9.0565	
10	3	16	84.1	1725	1236	10.193516	
11	3	16	96.6	1954	1903	11.435237	

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	3	6	84.2	1951	1547	0.143882	
1	2	6	52.1	1571		1.714657	
2	3	6	72.8	1400	1634	3.156923	
3	2	6	71.5	1670		4.008394	
4	2	6	80.1	1725		5.650515	1
5	1	6	62.3			7.611223	
6	2	6	62.8	1423		9.213846	
7	3	6	80	1408	1451	10.097429	
8	2	6	61.9	1617		11.446733	

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	9	61.8	1686		0.237107	
1	2	9	50.7	1688		1.12818	
2	2	9	73.7	1210		2.089205	
3	3	9	52.8	1142	1485	2.172335	
4	2	9	91.8	1947		3.112402	
5	3	9	74.2	1097	1185	4.182048	
6	1	9	97			4.382392	
7	2	9	91.8	1062		5.407099	
8	3	9	75.1	1624	1426	6.279444	1
9	3	9	58.7	1146	1139	6.707308	
10	2	9	63.4	1094		7.433128	
11	3	9	97.1	1995	1615	7.842752	
12	2	9	56.2	1556		8.583186	
13	1	9	97.9			9.488265	
14	3	9	62	1120	1046	10.300302	
15	2	9	96	1731		10.603081	
16	2	9	96	1539		11.564668	

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	1	7	66.7			0.244281	1
1	2	7	58.9	1612		2.221149	
2	3	7	76.2	1816	1250	3.92111	
3	1	7	99.8			4.319676	
4	1	7	68.8			5.934885	
5	1	7	61.3			6.831119	
6	2	7	85.1	1976		8.964865	
7	3	7	74.5	1170	1147	10.043797	
8	2	7	84.9	1167		10.699148	

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	3	5	88.4	1301	1600	0.118193	1
1	2	5	70.4	1837		0.849853	
2	2	5	93.2	1854		1.635024	
3	2	5	73.2	1187		2.634744	
4	3	5	89.6	1530	1203	2.760199	
5	2	5	93.3	1851		3.637826	
6	3	5	98	1996	1878	4.356176	
7	2	5	50.1	1530		4.908345	
8	1	5	68.3			5.898401	
9	2	5	55.2	1104		6.574881	
10	1	5	75.5			7.246718	
11	2	5	80.5	1579		7.667048	
12	1	5	86			8.247858	
13	2	5	84.6	1780		8.735335	
14	1	5	79.5			9.349204	
15	2	5	64.4	1986		10.28486	
16	2	5	92.8	1470		11.133875	
17	1	5	59.1			11.976936	

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	2	15	65.4	1843		0.030893	1
1	2	15	94.7	1459		1.177449	
2	3	15	51.4	1984	1530	2.049969	
3	2	15	74.7	1274		3.218242	
4	1	15	94.5			4.843718	
5	3	15	92.1	1940	1101	5.650188	
6	1	15	76.8			6.563497	
7	2	15	79.1	1179		7.283439	
8	2	15	90.9	1029		8.38272	
9	3	15	68.7	1579	1979	9.605244	
10	3	15	97.4	1079	1084	10.329681	
11	3	15	96.2	1715	1303	11.748788	

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	20	56.1	1241		0.278777	1
1	2	20	99.3	1944		0.987252	
2	3	20	82.9	1269	1081	1.906298	
3	1	20	93.2			2.576473	
4	2	20	55.6	1550		3.699777	
5	3	20	68	1834	1347	4.061266	
6	1	20	63.9			5.094905	
7	1	20	52			5.922957	
8	2	20	87.5	1985		6.661327	
9	3	20	94.7	1397	1468	6.846903	
10	3	20	99.4	1442	1818	8.114388	
11	3	20	70.8	1472	1061	8.588104	
12	3	20	53.8	1858	1796	9.629783	
13	2	20	57.7	1238		9.941891	
14	2	20	65.1	1795		10.562293	
15	3	20	59.3	1832	1146	11.834561	

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	17	74.7			0.233092	1
1	2	17	73.8	1192		1.260114	
2	3	17	82.6	1695	1120	3.376192	
3	2	17	61.7	1679		3.919288	
4	2	17	58.2	1383		5.681286	
5	3	17	54.1	1520	1743	6.174097	
6	2	17	52.8	1332		7.500406	
7	2	17	98.4	1282		8.733094	
8	2	17	51.4	1443		10.131491	
9	2	17	89.5	1597		11.050051	

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	11	88.1			0.233808	1
1	2	11	93.7	1387		1.386437	
2	2	11	84.5	1542		2.553519	
3	3	11	85.5	1927	1700	2.797778	
4	3	11	93.5	1010	1009	4.134967	
5	2	11	84.1	1809		5.072253	
6	3	11	58.4	1765	1510	5.382822	
7	3	11	86.3	1513	1111	6.085694	
8	2	11	86.8	1285		7.053974	
9	1	11	79.5			8.21693	
10	2	11	76.9	1784		9.387208	
11	2	11	65.5	1427		9.969079	
12	1	11	89			10.318487	
13	2	11	89.2	1556		11.191976	

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	17	62.2	1813		0.691386	
1	2	17	90.6	1148		0.743716	
2	2	17	70	1920		1.835714	
3	3	17	71.8	1408	1267	2.808387	
4	2	17	87.6	1697		3.215664	
5	1	17	52.4			3.68051	
6	3	17	81.8	1785	1579	4.757125	
7	2	17	64	1943		5.42405	
8	2	17	85.8	1940		6.022248	1
9	2	17	70.4	1159		7.010656	
10	3	17	95.1	1451	1215	7.634171	
11	1	17	65.2			7.935949	
12	2	17	94.2	1605		9.037018	
13	2	17	54.1	1733		9.248864	
14	1	17	52.4			10.433595	
15	2	17	50.8	1208		11.116298	
16	1	17	64.9			11.50875	

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	11	50.1	1323		0.365979	1
1	2	11	94.7	1874		1.052729	
2	2	11	80.9	1729		1.232575	
3	2	11	62	1030		2.259492	
4	1	11	83.4			2.666238	
5	2	11	95.3	1533		3.575809	
6	3	11	82.8	1284	1425	3.993383	
7	2	11	52	1900		4.306543	
8	1	11	62.4			5.363833	
9	3	11	93.9	1200	1103	5.840836	
10	1	11	90.3			6.547291	
11	2	11	54	1057		7.025214	
12	3	11	94.6	1383	1040	7.651979	
13	2	11	91.6	1160		7.99807	
14	2	11	55.3	1692		8.760569	
15	2	11	50.6	1901		9.454981	
16	3	11	59.9	1503	1367	10.172457	
17	1	11	89.2			10.413359	
18	2	11	68.2	1521		10.834389	
19	1	11	74.5			11.448292	

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	12	73.6	1476		0.611166	1
1	2	12	70.1	1846		0.707788	
2	1	12	69.2			2.028663	
3	3	12	93.4	1170	1060	2.396488	
4	2	12	89	1107		3.123348	
5	2	12	66.5	1820		4.130754	
6	2	12	60	1507		4.829569	
7	3	12	60.2	1873	1654	4.992104	
8	3	12	82.6	1495	1212	6.11254	
9	3	12	52.1	1694	1478	6.930881	
10	2	12	84.9	1694		7.406038	
11	3	12	72.1	1572	1279	8.194946	
12	3	12	79.6	1879	1674	9.071659	
13	2	12	93.2	1434		9.298135	
14	1	12	98.3			9.987817	
15	1	12	78			10.725071	
16	2	12	60.3	1001		11.656255	

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	90.2	1106		0.249816	0
1	2	19	94.3	1069		2.873059	
2	2	19	77.6	1103		3.969898	
3	1	19	72.7			5.517872	
4	2	19	97.2	1503		6.655315	
5	2	19	52.3	1360		8.111298	
6	2	19	80.8	1174		10.174182	
7	3	19	92.7	1380	1788	10.956748	

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	17	76.5	1622	1363	0.627	1
1	2	17	65.1	1210		1.530449	
2	2	17	87.6	1173		2.374714	
3	3	17	73.2	1438	1618	2.905878	
4	2	17	75.4	1715		3.504825	
5	2	17	86.3	1632		5.096172	
6	2	17	95	1523		5.712775	
7	2	17	94.5	1372		6.56955	
8	2	17	80.4	1873		6.935481	
9	2	17	54.8	1999		7.87721	
10	1	17	63.8			8.806195	
11	2	17	57.6	1492		9.881385	
12	3	17	86.6	1641	1922	10.59735	
13	2	17	94.5	1280		11.496086	

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	11	61.9	1093		0.375721	1
1	2	11	60.5	1380		1.492045	
2	2	11	61.5	1090		2.358628	
3	3	11	51	1766	1667	3.10417	
4	1	11	87.3			3.967815	
5	1	11	50.6			5.102326	
6	2	11	86.5	1760		5.91612	
7	1	11	86.3			6.234737	
8	1	11	79.3			7.617425	
9	2	11	87.4	1086		8.393917	
10	2	11	59.2	1522		9.342624	
11	2	11	50	1938		9.510946	
12	1	11	82.5			11.085171	
13	1	11	88.1			11.841336	

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	7	50	1273		0.350492	
1	2	7	72.4	1051		0.842027	
2	3	7	61.8	1608	1882	1.556912	
3	3	7	70.8	1639	1524	2.496096	
4	2	7	65.6	1057		3.383232	
5	3	7	89.3	1501	1750	3.932228	
6	2	7	69.1	1684		4.793893	
7	2	7	94	1544		5.719236	1
8	3	7	85.2	1120	1993	6.404766	
9	1	7	80.6			6.756381	
10	3	7	70.2	1508	1235	8.207599	
11	1	7	92.4			8.681784	
12	1	7	52.9			9.375247	
13	2	7	81.8	1120		9.785284	
14	3	7	62.6	1452	1149	10.998727	
15	1	7	84.6			11.410788	

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	16	79	1725		0.320566	
1	3	16	93.4	1340	1419	1.346581	
2	1	16	90.1			2.256621	
3	3	16	84.5	1409	1825	2.821357	
4	2	16	77	1876		4.201909	
5	2	16	82.8	1524		4.752299	
6	3	16	85.5	1248	1694	6.341684	1
7	2	16	80.8	1175		6.98695	
8	1	16	83.6			7.508046	
9	2	16	95.5	1276		9.114045	
10	2	16	71.9	1854		9.240285	
11	1	16	76.3			10.382971	
12	2	16	83.3	1172		11.587995	

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	6	62.4	1513		0.029711	0
1	3	6	51.3	1254	1848	1.618754	
2	2	6	70.4	1625		2.584735	
3	2	6	64.4	1077		3.221318	
4	2	6	57.2	1200		4.314518	
5	3	6	74.2	1771	1071	5.737323	
6	3	6	53	1432	1150	6.416871	
7	2	6	64.9	1529		7.910431	
8	3	6	54.7	1098	1683	8.892191	
9	3	6	95.1	1162	1658	9.293898	
10	1	6	61.7			10.204413	
11	3	6	98.5	1256	1799	11.302339	

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	13	56.5	1523		0.650136	1
1	2	13	65.3	1557		1.01455	
2	2	13	98.8	1946		1.950524	
3	2	13	92.7	1275		2.076726	
4	2	13	70.3	1398		3.248534	
5	2	13	78.5	1005		3.335959	
6	1	13	95.4			4.273015	
7	2	13	95.7	1999		5.147522	
8	1	13	72.2			5.400096	
9	2	13	50.1	1242		6.602447	
10	2	13	56.9	1546		6.672143	
11	1	13	74.7			7.580686	
12	3	13	56.7	1791	1904	8.129995	
13	2	13	63.6	1442		9.123303	
14	2	13	70.7	1573		9.579431	
15	2	13	71.9	1967		10.321952	
16	2	13	77.3	1473		11.266974	
17	2	13	51.4	1503		11.440069	

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	14	64.5	1783		0.123714	0
1	2	14	78.7	1776		0.868363	
2	2	14	70.1	1432		1.993668	
3	2	14	59.3	1450		2.001027	
4	2	14	67.4	1338		2.990286	
5	1	14	61.6			3.924348	
6	2	14	58.5	1983		4.338466	
7	3	14	60.5	1181	1154	5.144645	
8	3	14	66.2	1992	1522	5.668146	
9	2	14	90.3	1373		6.231632	
10	2	14	50.2	1920		6.782963	
11	2	14	78.6	1605		7.679452	
12	2	14	67.2	1765		8.182222	
13	2	14	64.4	1462		9.328351	
14	2	14	65.1	1317		9.535566	
15	1	14	58			10.190819	
16	3	14	77	1987	1062	11.008665	
17	1	14	73.7			11.771845	

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	8	73.2	1999		0.872278	1
1	3	8	66.8	1963	1495	2.193296	
2	2	8	92.8	1350		4.209372	
3	3	8	84.9	1998	1941	4.964328	
4	1	8	92.5			6.083128	
5	2	8	94.7	1443		7.590749	
6	2	8	98	1945		10.024626	
7	2	8	68.1	1670		11.60238	

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	7	91	1652		1.070718	
1	3	7	96	1880	1281	1.713321	
2	1	7	91.7			3.433241	
3	1	7	58			5.033281	
4	1	7	84.3			6.291417	1
5	2	7	66	1556		6.691164	
6	1	7	62.2			9.33103	
7	2	7	75.6	1704		10.131474	
8	2	7	77.4	1393		10.942123	

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	5540	9	1	333	1	5513.0, 5613.0, 5676.0, 5567.0, 5414.0, 5298.0, 5281.0, 5717.0, 5514.0, 5605.0, 5379.0, 5314.0, 5367.0, 5670.0, 5583.0, 5269.0, 5509.0, 5574.0, 5261.0, 5478.0, 5660.0, 5465.0, 5555.0, 5704.0, 5713.0, 5294.0, 5279.0, 5363.0, 5551.0, 5497.0, 5569.0, 5711.0, 5283.0, 5609.0, 5657.0, 5685.0, 5334.0, 5529.0, 5461.0, 5380.0, 5678.0, 5459.0, 5343.0, 5361.0, 5568.0, 5695.0, 5425.0, 5528.0, 5540.0, 5383.0, 5480.0, 5639.0, 5706.0, 5486.0, 5397.0, 5582.0, 5291.0, 5324.0, 5531.0, 5635.0, 5251.0, 5575.0, 5543.0, 5440.0, 5690.0, 5547.0, 5322.0, 5538.0, 5683.0, 5267.0, 5419.0, 5428.0, 5705.0, 5600.0, 5441.0, 5297.0, 5485.0, 5599.0, 5406.0, 5530.0, 5554.0, 5602.0, 5460.0, 5344.0, 5250.0, 5545.0, 5566.0, 5257.0, 5588.0, 5512.0, 5557.0, 5368.0, 5503.0, 5282.0, 5316.0, 5285.0, 5471.0, 5284.0, 5408.0, 5328.0 (number of hits: 7)
2	5540	9	1	333	1	5288.0, 5355.0, 5701.0, 5649.0, 5607.0, 5632.0, 5571.0, 5562.0, 5656.0, 5456.0, 5677.0, 5281.0, 5572.0, 5317.0, 5250.0, 5579.0, 5410.0, 5297.0, 5595.0, 5713.0, 5543.0, 5282.0, 5353.0, 5612.0, 5488.0, 5510.0, 5482.0, 5335.0, 5260.0, 5328.0, 5300.0, 5483.0, 5606.0, 5676.0, 5435.0, 5639.0, 5684.0, 5423.0, 5270.0, 5393.0, 5289.0, 5561.0, 5380.0, 5308.0, 5459.0, 5324.0, 5507.0, 5449.0, 5564.0, 5454.0, 5714.0, 5722.0, 5690.0, 5675.0, 5530.0, 5442.0, 5438.0, 5305.0, 5648.0, 5605.0, 5446.0, 5466.0, 5657.0, 5484.0, 5614.0, 5540.0, 5626.0, 5298.0, 5598.0, 5345.0, 5475.0, 5570.0, 5269.0, 5694.0, 5476.0, 5674.0, 5387.0, 5515.0, 5304.0, 5493.0, 5511.0, 5402.0, 5354.0, 5445.0, 5506.0, 5650.0, 5276.0, 5666.0, 5615.0, 5582.0, 5432.0, 5416.0, 5489.0, 5264.0, 5256.0, 5360.0, 5275.0, 5291.0, 5406.0, 5425.0 (number of hits: 3)
3	5540	9	1	333	1	5549.0, 5711.0, 5665.0, 5678.0, 5632.0, 5536.0, 5289.0, 5285.0, 5518.0, 5267.0, 5328.0, 5484.0, 5402.0, 5430.0, 5648.0, 5595.0, 5265.0, 5657.0, 5311.0, 5656.0, 5594.0, 5263.0, 5531.0, 5556.0, 5619.0, 5307.0, 5341.0, 5336.0, 5523.0, 5696.0, 5514.0, 5723.0, 5400.0, 5298.0, 5659.0, 5283.0, 5565.0, 5722.0, 5684.0, 5690.0, 5720.0, 5384.0, 5478.0, 5452.0, 5666.0, 5655.0, 5282.0, 5320.0, 5318.0, 5603.0, 5306.0, 5302.0, 5314.0, 5626.0, 5465.0,

						5380.0, 5539.0, 5292.0, 5542.0, 5316.0, 5424.0, 5530.0, 5426.0, 5688.0, 5584.0, 5429.0, 5340.0, 5333.0, 5329.0, 5650.0, 5479.0, 5486.0, 5253.0, 5718.0, 5504.0, 5377.0, 5406.0, 5529.0, 5270.0, 5561.0, 5585.0, 5636.0, 5553.0, 5383.0, 5410.0, 5344.0, 5352.0, 5417.0, 5382.0, 5571.0, 5360.0, 5485.0, 5355.0, 5394.0, 5694.0, 5428.0, 5605.0, 5663.0, 5422.0, 5662.0 (number of hits: 6)
4	5540	9	1	333	1	5645.0, 5530.0, 5434.0, 5373.0, 5534.0, 5668.0, 5709.0, 5354.0, 5253.0, 5251.0, 5435.0, 5660.0, 5667.0, 5585.0, 5696.0, 5675.0, 5686.0, 5616.0, 5516.0, 5443.0, 5654.0, 5706.0, 5469.0, 5601.0, 5551.0, 5612.0, 5270.0, 5665.0, 5626.0, 5513.0, 5498.0, 5536.0, 5383.0, 5387.0, 5524.0, 5564.0, 5638.0, 5396.0, 5323.0, 5606.0, 5481.0, 5679.0, 5669.0, 5533.0, 5493.0, 5641.0, 5577.0, 5576.0, 5687.0, 5442.0, 5537.0, 5476.0, 5600.0, 5598.0, 5581.0, 5419.0, 5492.0, 5266.0, 5602.0, 5272.0, 5683.0, 5451.0, 5344.0, 5280.0, 5546.0, 5283.0, 5412.0, 5697.0, 5287.0, 5501.0, 5559.0, 5502.0, 5330.0, 5278.0, 5338.0, 5556.0, 5628.0, 5503.0, 5281.0, 5424.0, 5689.0, 5318.0, 5386.0, 5385.0, 5465.0, 5345.0, 5304.0, 5269.0, 5519.0, 5496.0, 5259.0, 5594.0, 5410.0, 5295.0, 5367.0, 5613.0, 5264.0, 5664.0, 5639.0, 5555.0 (number of hits: 6)
5	5540	9	1	333	1	5519.0, 5632.0, 5482.0, 5522.0, 5440.0, 5274.0, 5377.0, 5422.0, 5544.0, 5266.0, 5297.0, 5412.0, 5464.0, 5326.0, 5500.0, 5268.0, 5600.0, 5579.0, 5305.0, 5568.0, 5320.0, 5523.0, 5556.0, 5347.0, 5494.0, 5402.0, 5648.0, 5463.0, 5331.0, 5535.0, 5359.0, 5672.0, 5655.0, 5287.0, 5645.0, 5371.0, 5567.0, 5375.0, 5618.0, 5653.0, 5410.0, 5587.0, 5646.0, 5506.0, 5367.0, 5666.0, 5550.0, 5575.0, 5425.0, 5608.0, 5270.0, 5252.0, 5518.0, 5346.0, 5497.0, 5405.0, 5643.0, 5340.0, 5419.0, 5276.0, 5603.0, 5450.0, 5704.0, 5694.0, 5258.0, 5307.0, 5383.0, 5470.0, 5423.0, 5311.0, 5317.0, 5363.0, 5426.0, 5686.0, 5520.0, 5259.0, 5615.0, 5530.0, 5511.0, 5261.0, 5414.0, 5677.0, 5583.0, 5350.0, 5676.0, 5553.0, 5444.0, 5609.0, 5616.0, 5390.0, 5328.0, 5263.0, 5327.0, 5456.0, 5455.0, 5332.0, 5577.0, 5329.0, 5301.0, 5561.0 (number of hits: 3)
6	5540	9	1	333	1	5583.0, 5565.0, 5264.0, 5536.0, 5346.0, 5338.0, 5707.0, 5550.0, 5288.0, 5321.0, 5502.0, 5464.0, 5691.0, 5377.0, 5374.0, 5255.0, 5446.0, 5650.0, 5256.0, 5586.0, 5539.0, 5551.0, 5411.0, 5366.0, 5401.0, 5339.0, 5455.0, 5370.0, 5453.0, 5632.0, 5625.0, 5350.0, 5410.0, 5563.0, 5692.0,

						5713.0, 5662.0, 5428.0, 5325.0, 5618.0, 5630.0, 5697.0, 5459.0, 5406.0, 5670.0, 5500.0, 5658.0, 5672.0, 5463.0, 5429.0, 5708.0, 5315.0, 5426.0, 5492.0, 5347.0, 5546.0, 5356.0, 5329.0, 5525.0, 5262.0, 5398.0, 5400.0, 5447.0, 5679.0, 5596.0, 5570.0, 5454.0, 5328.0, 5512.0, 5420.0, 5435.0, 5359.0, 5376.0, 5601.0, 5673.0, 5530.0, 5663.0, 5299.0, 5304.0, 5495.0, 5639.0, 5720.0, 5619.0, 5602.0, 5419.0, 5300.0, 5298.0, 5521.0, 5421.0, 5645.0, 5457.0, 5434.0, 5402.0, 5656.0, 5711.0, 5705.0, 5657.0, 5715.0, 5391.0, 5554.0 (number of hits: 4)
7	5540	9	1	333	1	5456.0, 5263.0, 5710.0, 5621.0, 5558.0, 5497.0, 5578.0, 5330.0, 5694.0, 5692.0, 5331.0, 5384.0, 5705.0, 5446.0, 5527.0, 5605.0, 5322.0, 5592.0, 5488.0, 5259.0, 5624.0, 5463.0, 5254.0, 5631.0, 5378.0, 5395.0, 5369.0, 5478.0, 5647.0, 5594.0, 5454.0, 5368.0, 5500.0, 5317.0, 5256.0, 5579.0, 5293.0, 5306.0, 5706.0, 5666.0, 5251.0, 5420.0, 5570.0, 5550.0, 5565.0, 5599.0, 5470.0, 5641.0, 5487.0, 5655.0, 5377.0, 5475.0, 5266.0, 5557.0, 5609.0, 5437.0, 5525.0, 5459.0, 5449.0, 5620.0, 5326.0, 5477.0, 5540.0, 5602.0, 5347.0, 5696.0, 5598.0, 5400.0, 5708.0, 5468.0, 5253.0, 5640.0, 5374.0, 5362.0, 5360.0, 5596.0, 5529.0, 5482.0, 5415.0, 5425.0, 5480.0, 5452.0, 5458.0, 5703.0, 5414.0, 5434.0, 5305.0, 5464.0, 5673.0, 5581.0, 5593.0, 5689.0, 5476.0, 5474.0, 5441.0, 5551.0, 5344.0, 5292.0, 5258.0, 5319.0 (number of hits: 1)
8	5540	9	1	333	1	5345.0, 5660.0, 5420.0, 5700.0, 5601.0, 5720.0, 5268.0, 5579.0, 5706.0, 5303.0, 5541.0, 5640.0, 5381.0, 5649.0, 5382.0, 5260.0, 5473.0, 5672.0, 5278.0, 5632.0, 5317.0, 5308.0, 5609.0, 5419.0, 5435.0, 5287.0, 5371.0, 5396.0, 5691.0, 5340.0, 5710.0, 5267.0, 5427.0, 5713.0, 5530.0, 5614.0, 5415.0, 5635.0, 5508.0, 5641.0, 5383.0, 5537.0, 5717.0, 5402.0, 5404.0, 5421.0, 5711.0, 5577.0, 5263.0, 5631.0, 5597.0, 5479.0, 5712.0, 5482.0, 5283.0, 5528.0, 5475.0, 5613.0, 5395.0, 5471.0, 5442.0, 5674.0, 5599.0, 5449.0, 5688.0, 5343.0, 5252.0, 5299.0, 5285.0, 5714.0, 5646.0, 5385.0, 5572.0, 5671.0, 5513.0, 5652.0, 5693.0, 5628.0, 5669.0, 5273.0, 5338.0, 5598.0, 5424.0, 5648.0, 5719.0, 5301.0, 5279.0, 5329.0, 5503.0, 5370.0, 5327.0, 5580.0, 5595.0, 5634.0, 5624.0, 5680.0, 5576.0, 5412.0, 5578.0, 5584.0 (number of hits: 3)
9	5540	9	1	333	0	0
10	5540	9	1	333	1	5709.0, 5456.0, 5292.0, 5665.0, 5670.0, 5538.0, 5459.0, 5260.0, 5614.0, 5394.0,

						5268.0, 5414.0, 5635.0, 5262.0, 5523.0, 5539.0, 5325.0, 5265.0, 5434.0, 5368.0, 5376.0, 5597.0, 5327.0, 5391.0, 5288.0, 5548.0, 5328.0, 5371.0, 5406.0, 5579.0, 5312.0, 5443.0, 5300.0, 5529.0, 5415.0, 5315.0, 5591.0, 5261.0, 5509.0, 5639.0, 5633.0, 5485.0, 5480.0, 5301.0, 5489.0, 5692.0, 5308.0, 5435.0, 5623.0, 5586.0, 5271.0, 5291.0, 5349.0, 5648.0, 5499.0, 5585.0, 5628.0, 5341.0, 5302.0, 5519.0, 5323.0, 5336.0, 5714.0, 5653.0, 5576.0, 5306.0, 5675.0, 5255.0, 5693.0, 5722.0, 5461.0, 5452.0, 5546.0, 5428.0, 5479.0, 5259.0, 5595.0, 5525.0, 5686.0, 5318.0, 5564.0, 5274.0, 5584.0, 5264.0, 5286.0, 5655.0, 5332.0, 5388.0, 5278.0, 5439.0, 5494.0, 5310.0, 5377.0, 5511.0, 5598.0, 5339.0, 5335.0, 5540.0, 5547.0, 5403.0 (number of hits: 6)
11	5540	9	1	333	1	5454.0, 5355.0, 5410.0, 5308.0, 5648.0, 5507.0, 5678.0, 5696.0, 5284.0, 5704.0, 5438.0, 5435.0, 5502.0, 5407.0, 5424.0, 5572.0, 5259.0, 5260.0, 5403.0, 5595.0, 5280.0, 5408.0, 5386.0, 5256.0, 5484.0, 5316.0, 5565.0, 5402.0, 5550.0, 5303.0, 5496.0, 5537.0, 5312.0, 5337.0, 5262.0, 5344.0, 5625.0, 5306.0, 5691.0, 5487.0, 5456.0, 5437.0, 5693.0, 5415.0, 5687.0, 5551.0, 5641.0, 5383.0, 5346.0, 5372.0, 5683.0, 5489.0, 5406.0, 5694.0, 5623.0, 5567.0, 5505.0, 5671.0, 5592.0, 5258.0, 5525.0, 5540.0, 5557.0, 5571.0, 5710.0, 5361.0, 5529.0, 5539.0, 5349.0, 5548.0, 5444.0, 5405.0, 5345.0, 5515.0, 5568.0, 5713.0, 5318.0, 5334.0, 5414.0, 5629.0, 5493.0, 5385.0, 5395.0, 5672.0, 5425.0, 5506.0, 5573.0, 5587.0, 5394.0, 5619.0, 5703.0, 5675.0, 5593.0, 5492.0, 5336.0, 5636.0, 5720.0, 5612.0, 5467.0, 5251.0 (number of hits: 4)
12	5540	9	1	333	1	5273.0, 5560.0, 5614.0, 5382.0, 5301.0, 5556.0, 5664.0, 5611.0, 5278.0, 5460.0, 5479.0, 5707.0, 5607.0, 5331.0, 5334.0, 5700.0, 5415.0, 5250.0, 5424.0, 5475.0, 5696.0, 5713.0, 5681.0, 5337.0, 5330.0, 5485.0, 5653.0, 5663.0, 5587.0, 5589.0, 5374.0, 5715.0, 5550.0, 5283.0, 5508.0, 5705.0, 5503.0, 5290.0, 5510.0, 5346.0, 5410.0, 5443.0, 5462.0, 5350.0, 5574.0, 5407.0, 5712.0, 5573.0, 5632.0, 5480.0, 5269.0, 5281.0, 5298.0, 5661.0, 5367.0, 5379.0, 5257.0, 5416.0, 5408.0, 5398.0, 5514.0, 5605.0, 5358.0, 5263.0, 5274.0, 5723.0, 5666.0, 5527.0, 5674.0, 5441.0, 5631.0, 5618.0, 5600.0, 5709.0, 5502.0, 5579.0, 5432.0, 5563.0, 5478.0, 5580.0, 5277.0, 5539.0, 5418.0, 5686.0, 5683.0, 5692.0, 5450.0, 5363.0, 5719.0, 5280.0, 5470.0, 5378.0, 5319.0, 5455.0, 5543.0,

						5722.0, 5597.0, 5483.0, 5308.0, 5519.0 (number of hits: 2)
13	5540	9	1	333	1	5632.0, 5277.0, 5484.0, 5630.0, 5420.0, 5690.0, 5263.0, 5574.0, 5687.0, 5668.0, 5479.0, 5651.0, 5672.0, 5704.0, 5288.0, 5611.0, 5566.0, 5577.0, 5701.0, 5561.0, 5390.0, 5336.0, 5251.0, 5594.0, 5284.0, 5616.0, 5508.0, 5696.0, 5379.0, 5485.0, 5309.0, 5684.0, 5640.0, 5525.0, 5388.0, 5441.0, 5498.0, 5333.0, 5507.0, 5480.0, 5513.0, 5445.0, 5718.0, 5259.0, 5356.0, 5382.0, 5607.0, 5490.0, 5327.0, 5256.0, 5364.0, 5281.0, 5608.0, 5486.0, 5481.0, 5267.0, 5305.0, 5324.0, 5584.0, 5351.0, 5312.0, 5386.0, 5250.0, 5326.0, 5501.0, 5462.0, 5387.0, 5330.0, 5674.0, 5723.0, 5636.0, 5329.0, 5294.0, 5621.0, 5377.0, 5311.0, 5318.0, 5600.0, 5666.0, 5265.0, 5260.0, 5313.0, 5434.0, 5559.0, 5358.0, 5642.0, 5400.0, 5671.0, 5477.0, 5638.0, 5419.0, 5634.0, 5605.0, 5535.0, 5548.0, 5712.0, 5714.0, 5581.0, 5440.0, 5424.0 (number of hits: 2)
14	5540	9	1	333	1	5673.0, 5675.0, 5716.0, 5686.0, 5447.0, 5518.0, 5481.0, 5468.0, 5293.0, 5367.0, 5594.0, 5251.0, 5415.0, 5672.0, 5587.0, 5563.0, 5667.0, 5539.0, 5401.0, 5408.0, 5420.0, 5574.0, 5396.0, 5364.0, 5278.0, 5515.0, 5435.0, 5642.0, 5696.0, 5409.0, 5344.0, 5295.0, 5550.0, 5397.0, 5318.0, 5284.0, 5717.0, 5654.0, 5604.0, 5430.0, 5374.0, 5628.0, 5548.0, 5632.0, 5410.0, 5536.0, 5440.0, 5562.0, 5261.0, 5454.0, 5649.0, 5598.0, 5346.0, 5689.0, 5650.0, 5345.0, 5465.0, 5555.0, 5289.0, 5458.0, 5451.0, 5483.0, 5641.0, 5619.0, 5677.0, 5259.0, 5535.0, 5503.0, 5361.0, 5461.0, 5477.0, 5377.0, 5581.0, 5381.0, 5322.0, 5603.0, 5599.0, 5674.0, 5272.0, 5723.0, 5626.0, 5466.0, 5363.0, 5596.0, 5271.0, 5722.0, 5314.0, 5267.0, 5306.0, 5542.0, 5714.0, 5319.0, 5424.0, 5552.0, 5573.0, 5670.0, 5490.0, 5517.0, 5330.0, 5701.0 (number of hits: 5)
15	5540	9	1	333	1	5466.0, 5668.0, 5311.0, 5450.0, 5456.0, 5629.0, 5402.0, 5277.0, 5289.0, 5274.0, 5394.0, 5589.0, 5446.0, 5327.0, 5393.0, 5565.0, 5532.0, 5363.0, 5644.0, 5296.0, 5544.0, 5383.0, 5636.0, 5412.0, 5331.0, 5523.0, 5273.0, 5706.0, 5515.0, 5424.0, 5478.0, 5628.0, 5375.0, 5458.0, 5554.0, 5445.0, 5464.0, 5577.0, 5652.0, 5614.0, 5570.0, 5349.0, 5475.0, 5309.0, 5420.0, 5372.0, 5634.0, 5563.0, 5335.0, 5410.0, 5710.0, 5657.0, 5697.0, 5502.0, 5592.0, 5340.0, 5278.0, 5603.0, 5396.0, 5626.0, 5389.0, 5270.0, 5491.0, 5454.0, 5612.0, 5367.0, 5692.0, 5705.0, 5545.0, 5362.0, 5299.0, 5303.0, 5361.0, 5574.0, 5455.0,

						5618.0, 5588.0, 5413.0, 5266.0, 5356.0, 5374.0, 5449.0, 5521.0, 5702.0, 5398.0, 5507.0, 5571.0, 5714.0, 5615.0, 5272.0, 5663.0, 5379.0, 5559.0, 5427.0, 5518.0, 5543.0, 5539.0, 5646.0, 5561.0, 5429.0 (number of hits: 5)
16	5540	9	1	333	1	5331.0, 5338.0, 5495.0, 5647.0, 5550.0, 5367.0, 5424.0, 5693.0, 5659.0, 5640.0, 5668.0, 5544.0, 5603.0, 5387.0, 5371.0, 5276.0, 5493.0, 5481.0, 5689.0, 5538.0, 5258.0, 5469.0, 5665.0, 5286.0, 5497.0, 5397.0, 5317.0, 5637.0, 5673.0, 5281.0, 5599.0, 5477.0, 5322.0, 5643.0, 5546.0, 5692.0, 5518.0, 5347.0, 5655.0, 5437.0, 5284.0, 5512.0, 5681.0, 5474.0, 5256.0, 5355.0, 5610.0, 5608.0, 5313.0, 5450.0, 5532.0, 5463.0, 5509.0, 5669.0, 5466.0, 5500.0, 5430.0, 5392.0, 5562.0, 5561.0, 5584.0, 5314.0, 5642.0, 5285.0, 5657.0, 5275.0, 5682.0, 5526.0, 5419.0, 5646.0, 5440.0, 5678.0, 5461.0, 5602.0, 5399.0, 5438.0, 5460.0, 5672.0, 5416.0, 5346.0, 5296.0, 5565.0, 5310.0, 5645.0, 5691.0, 5648.0, 5649.0, 5571.0, 5363.0, 5709.0, 5425.0, 5504.0, 5667.0, 5475.0, 5496.0, 5708.0, 5601.0, 5298.0, 5414.0, 5503.0 (number of hits: 4)
17	5540	9	1	333	1	5409.0, 5372.0, 5370.0, 5656.0, 5672.0, 5442.0, 5306.0, 5421.0, 5410.0, 5508.0, 5290.0, 5622.0, 5652.0, 5617.0, 5509.0, 5474.0, 5491.0, 5322.0, 5573.0, 5293.0, 5339.0, 5486.0, 5530.0, 5430.0, 5411.0, 5449.0, 5593.0, 5371.0, 5468.0, 5497.0, 5671.0, 5695.0, 5329.0, 5699.0, 5636.0, 5669.0, 5657.0, 5344.0, 5615.0, 5412.0, 5708.0, 5446.0, 5635.0, 5618.0, 5321.0, 5311.0, 5546.0, 5558.0, 5266.0, 5498.0, 5454.0, 5271.0, 5637.0, 5543.0, 5521.0, 5533.0, 5419.0, 5265.0, 5571.0, 5619.0, 5269.0, 5668.0, 5379.0, 5627.0, 5332.0, 5416.0, 5524.0, 5614.0, 5385.0, 5722.0, 5400.0, 5307.0, 5638.0, 5552.0, 5403.0, 5599.0, 5376.0, 5308.0, 5275.0, 5501.0, 5365.0, 5584.0, 5664.0, 5250.0, 5351.0, 5705.0, 5261.0, 5589.0, 5356.0, 5539.0, 5644.0, 5492.0, 5717.0, 5585.0, 5314.0, 5578.0, 5632.0, 5621.0, 5292.0, 5463.0 (number of hits: 5)
18	5540	9	1	333	1	5722.0, 5373.0, 5467.0, 5393.0, 5710.0, 5659.0, 5327.0, 5304.0, 5485.0, 5490.0, 5270.0, 5355.0, 5438.0, 5296.0, 5573.0, 5451.0, 5658.0, 5473.0, 5390.0, 5479.0, 5420.0, 5269.0, 5581.0, 5335.0, 5254.0, 5251.0, 5332.0, 5477.0, 5597.0, 5302.0, 5365.0, 5404.0, 5339.0, 5285.0, 5626.0, 5385.0, 5606.0, 5717.0, 5321.0, 5340.0, 5545.0, 5574.0, 5531.0, 5366.0, 5374.0, 5431.0, 5667.0, 5308.0, 5351.0, 5478.0, 5449.0, 5499.0, 5670.0, 5506.0, 5391.0,

						5612.0, 5470.0, 5568.0, 5714.0, 5610.0, 5614.0, 5609.0, 5627.0, 5615.0, 5529.0, 5380.0, 5455.0, 5356.0, 5664.0, 5326.0, 5256.0, 5312.0, 5564.0, 5537.0, 5322.0, 5267.0, 5282.0, 5493.0, 5666.0, 5465.0, 5257.0, 5528.0, 5575.0, 5468.0, 5552.0, 5582.0, 5276.0, 5561.0, 5462.0, 5700.0, 5565.0, 5592.0, 5363.0, 5548.0, 5595.0, 5504.0, 5616.0, 5525.0, 5488.0, 5464.0 (number of hits: 4)
19	5540	9	1	333	1	5439.0, 5478.0, 5562.0, 5378.0, 5489.0, 5558.0, 5720.0, 5376.0, 5283.0, 5355.0, 5583.0, 5309.0, 5542.0, 5547.0, 5332.0, 5397.0, 5491.0, 5636.0, 5469.0, 5587.0, 5293.0, 5441.0, 5442.0, 5301.0, 5364.0, 5628.0, 5308.0, 5589.0, 5466.0, 5488.0, 5594.0, 5403.0, 5273.0, 5328.0, 5420.0, 5676.0, 5530.0, 5642.0, 5292.0, 5437.0, 5367.0, 5254.0, 5576.0, 5502.0, 5622.0, 5422.0, 5514.0, 5579.0, 5354.0, 5368.0, 5599.0, 5451.0, 5383.0, 5678.0, 5497.0, 5486.0, 5665.0, 5390.0, 5572.0, 5617.0, 5629.0, 5680.0, 5444.0, 5597.0, 5515.0, 5334.0, 5387.0, 5391.0, 5436.0, 5459.0, 5382.0, 5624.0, 5409.0, 5443.0, 5452.0, 5331.0, 5424.0, 5303.0, 5470.0, 5563.0, 5586.0, 5632.0, 5257.0, 5585.0, 5286.0, 5508.0, 5306.0, 5296.0, 5709.0, 5566.0, 5448.0, 5705.0, 5475.0, 5276.0, 5534.0, 5337.0, 5662.0, 5590.0, 5588.0, 5584.0 (number of hits: 4)
20	5540	9	1	333	0	0
21	5540	9	1	333	1	5308.0, 5532.0, 5251.0, 5486.0, 5416.0, 5613.0, 5384.0, 5509.0, 5368.0, 5350.0, 5539.0, 5648.0, 5426.0, 5584.0, 5418.0, 5692.0, 5420.0, 5519.0, 5502.0, 5604.0, 5580.0, 5501.0, 5344.0, 5464.0, 5677.0, 5485.0, 5510.0, 5413.0, 5597.0, 5619.0, 5268.0, 5336.0, 5347.0, 5295.0, 5656.0, 5392.0, 5666.0, 5557.0, 5646.0, 5412.0, 5617.0, 5429.0, 5600.0, 5415.0, 5279.0, 5476.0, 5713.0, 5595.0, 5469.0, 5614.0, 5564.0, 5518.0, 5672.0, 5593.0, 5380.0, 5465.0, 5291.0, 5431.0, 5668.0, 5317.0, 5710.0, 5618.0, 5554.0, 5285.0, 5478.0, 5480.0, 5312.0, 5685.0, 5592.0, 5340.0, 5326.0, 5315.0, 5517.0, 5254.0, 5273.0, 5632.0, 5638.0, 5577.0, 5655.0, 5394.0, 5307.0, 5637.0, 5318.0, 5252.0, 5602.0, 5306.0, 5505.0, 5439.0, 5419.0, 5706.0, 5621.0, 5338.0, 5641.0, 5396.0, 5402.0, 5673.0, 5277.0, 5490.0, 5395.0, 5559.0 (number of hits: 2)
22	5540	9	1	333	1	5275.0, 5576.0, 5560.0, 5650.0, 5340.0, 5707.0, 5557.0, 5570.0, 5582.0, 5357.0, 5652.0, 5378.0, 5491.0, 5500.0, 5511.0, 5394.0, 5702.0, 5382.0, 5617.0, 5643.0, 5326.0, 5710.0, 5403.0, 5580.0, 5391.0, 5532.0, 5458.0, 5590.0, 5389.0, 5647.0,

						5449.0, 5322.0, 5420.0, 5279.0, 5599.0, 5465.0, 5655.0, 5504.0, 5631.0, 5720.0, 5299.0, 5290.0, 5581.0, 5373.0, 5645.0, 5330.0, 5538.0, 5412.0, 5514.0, 5700.0, 5305.0, 5454.0, 5317.0, 5574.0, 5492.0, 5719.0, 5415.0, 5376.0, 5393.0, 5333.0, 5267.0, 5488.0, 5366.0, 5722.0, 5578.0, 5608.0, 5531.0, 5440.0, 5334.0, 5598.0, 5513.0, 5625.0, 5280.0, 5485.0, 5536.0, 5486.0, 5706.0, 5341.0, 5679.0, 5585.0, 5596.0, 5480.0, 5571.0, 5546.0, 5506.0, 5633.0, 5718.0, 5478.0, 5660.0, 5359.0, 5452.0, 5607.0, 5362.0, 5281.0, 5666.0, 5386.0, 5678.0, 5431.0, 5441.0, 5564.0 (number of hits: 5)
23	5540	9	1	333	1	5702.0, 5468.0, 5268.0, 5704.0, 5559.0, 5323.0, 5538.0, 5357.0, 5405.0, 5383.0, 5576.0, 5458.0, 5649.0, 5535.0, 5518.0, 5264.0, 5441.0, 5412.0, 5471.0, 5609.0, 5656.0, 5531.0, 5613.0, 5552.0, 5470.0, 5353.0, 5673.0, 5646.0, 5369.0, 5562.0, 5272.0, 5277.0, 5495.0, 5261.0, 5303.0, 5570.0, 5397.0, 5507.0, 5650.0, 5395.0, 5642.0, 5304.0, 5690.0, 5427.0, 5281.0, 5633.0, 5660.0, 5259.0, 5603.0, 5340.0, 5696.0, 5555.0, 5578.0, 5701.0, 5630.0, 5687.0, 5512.0, 5401.0, 5645.0, 5469.0, 5658.0, 5326.0, 5549.0, 5476.0, 5423.0, 5451.0, 5298.0, 5330.0, 5568.0, 5263.0, 5325.0, 5465.0, 5620.0, 5571.0, 5683.0, 5287.0, 5614.0, 5366.0, 5602.0, 5444.0, 5389.0, 5532.0, 5545.0, 5561.0, 5665.0, 5501.0, 5297.0, 5539.0, 5564.0, 5699.0, 5490.0, 5505.0, 5378.0, 5265.0, 5715.0, 5667.0, 5720.0, 5510.0, 5484.0, 5546.0 (number of hits: 8)
24	5540	9	1	333	1	5570.0, 5377.0, 5261.0, 5403.0, 5564.0, 5376.0, 5463.0, 5389.0, 5271.0, 5544.0, 5291.0, 5543.0, 5620.0, 5302.0, 5409.0, 5669.0, 5423.0, 5265.0, 5354.0, 5327.0, 5624.0, 5329.0, 5514.0, 5378.0, 5457.0, 5336.0, 5651.0, 5398.0, 5359.0, 5558.0, 5465.0, 5700.0, 5428.0, 5534.0, 5279.0, 5563.0, 5671.0, 5443.0, 5541.0, 5523.0, 5557.0, 5410.0, 5650.0, 5350.0, 5368.0, 5547.0, 5472.0, 5555.0, 5422.0, 5708.0, 5549.0, 5574.0, 5609.0, 5417.0, 5250.0, 5390.0, 5602.0, 5597.0, 5449.0, 5426.0, 5713.0, 5393.0, 5577.0, 5283.0, 5537.0, 5260.0, 5384.0, 5445.0, 5579.0, 5596.0, 5475.0, 5623.0, 5717.0, 5603.0, 5396.0, 5454.0, 5615.0, 5722.0, 5304.0, 5502.0, 5718.0, 5416.0, 5588.0, 5676.0, 5578.0, 5461.0, 5653.0, 5330.0, 5599.0, 5314.0, 5582.0, 5683.0, 5467.0, 5679.0, 5371.0, 5420.0, 5431.0, 5372.0, 5643.0, 5665.0 (number of hits: 7)
25	5540	9	1	333	0	0
26	5540	9	1	333	1	5261.0, 5307.0, 5276.0, 5608.0, 5706.0,

						5544.0, 5467.0, 5561.0, 5670.0, 5421.0, 5269.0, 5654.0, 5340.0, 5354.0, 5291.0, 5277.0, 5519.0, 5312.0, 5361.0, 5332.0, 5663.0, 5571.0, 5468.0, 5380.0, 5609.0, 5611.0, 5595.0, 5646.0, 5478.0, 5415.0, 5287.0, 5384.0, 5310.0, 5427.0, 5253.0, 5422.0, 5690.0, 5372.0, 5576.0, 5401.0, 5695.0, 5271.0, 5335.0, 5483.0, 5699.0, 5338.0, 5497.0, 5308.0, 5715.0, 5656.0, 5676.0, 5574.0, 5642.0, 5614.0, 5494.0, 5525.0, 5318.0, 5426.0, 5527.0, 5395.0, 5599.0, 5386.0, 5285.0, 5457.0, 5487.0, 5485.0, 5423.0, 5546.0, 5685.0, 5584.0, 5461.0, 5322.0, 5570.0, 5524.0, 5634.0, 5296.0, 5297.0, 5683.0, 5449.0, 5321.0, 5548.0, 5492.0, 5378.0, 5402.0, 5255.0, 5658.0, 5692.0, 5350.0, 5407.0, 5613.0, 5444.0, 5343.0, 5717.0, 5327.0, 5293.0, 5265.0, 5456.0, 5539.0, 5442.0, 5587.0 (number of hits: 4)
27	5540	9	1	333	1	5530.0, 5661.0, 5666.0, 5487.0, 5653.0, 5475.0, 5568.0, 5608.0, 5346.0, 5712.0, 5476.0, 5391.0, 5387.0, 5659.0, 5495.0, 5325.0, 5389.0, 5264.0, 5557.0, 5535.0, 5478.0, 5306.0, 5689.0, 5407.0, 5682.0, 5663.0, 5586.0, 5412.0, 5292.0, 5279.0, 5486.0, 5441.0, 5609.0, 5685.0, 5499.0, 5531.0, 5537.0, 5294.0, 5591.0, 5410.0, 5668.0, 5250.0, 5588.0, 5428.0, 5446.0, 5636.0, 5711.0, 5523.0, 5664.0, 5648.0, 5326.0, 5541.0, 5272.0, 5554.0, 5257.0, 5560.0, 5485.0, 5674.0, 5349.0, 5602.0, 5703.0, 5433.0, 5640.0, 5308.0, 5686.0, 5713.0, 5284.0, 5723.0, 5493.0, 5307.0, 5362.0, 5631.0, 5295.0, 5575.0, 5474.0, 5383.0, 5321.0, 5357.0, 5567.0, 5283.0, 5542.0, 5315.0, 5612.0, 5684.0, 5390.0, 5368.0, 5592.0, 5287.0, 5479.0, 5565.0, 5317.0, 5253.0, 5698.0, 5267.0, 5270.0, 5670.0, 5620.0, 5462.0, 5646.0, 5458.0 (number of hits: 6)
28	5540	9	1	333	1	5687.0, 5660.0, 5635.0, 5550.0, 5315.0, 5690.0, 5543.0, 5516.0, 5289.0, 5298.0, 5557.0, 5636.0, 5611.0, 5536.0, 5666.0, 5628.0, 5505.0, 5441.0, 5326.0, 5642.0, 5696.0, 5294.0, 5305.0, 5359.0, 5567.0, 5715.0, 5630.0, 5535.0, 5406.0, 5720.0, 5606.0, 5514.0, 5546.0, 5432.0, 5562.0, 5575.0, 5286.0, 5303.0, 5489.0, 5369.0, 5292.0, 5279.0, 5251.0, 5301.0, 5399.0, 5322.0, 5463.0, 5664.0, 5332.0, 5618.0, 5325.0, 5503.0, 5668.0, 5507.0, 5525.0, 5545.0, 5615.0, 5436.0, 5299.0, 5634.0, 5433.0, 5547.0, 5456.0, 5585.0, 5368.0, 5466.0, 5341.0, 5451.0, 5446.0, 5393.0, 5281.0, 5551.0, 5356.0, 5581.0, 5589.0, 5438.0, 5351.0, 5467.0, 5646.0, 5338.0, 5330.0, 5413.0, 5513.0, 5703.0, 5468.0, 5409.0, 5261.0, 5348.0, 5544.0, 5387.0,

						5644.0, 5500.0, 5378.0, 5502.0, 5360.0, 5526.0, 5556.0, 5590.0, 5565.0, 5496.0 (number of hits: 7)
29	5540	9	1	333	0	0
30	5540	9	1	333	0	0

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	86.7 %	60%	Pass
Type 4	30	93.3 %	60%	Pass
Aggregate (Type1 to 4)	120	95 %	80%	Pass
Type 5	30	96.7 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

5550 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	5550	81	1	658	1
2	5550	99	1	538	1
3	5550	86	1	618	1
4	5550	102	1	518	1
5	5550	61	1	878	1
6	5550	65	1	818	1
7	5550	95	1	558	1
8	5550	68	1	778	1
9	5550	58	1	918	1
10	5550	74	1	718	1
11	5550	78	1	678	1
12	5550	18	1	3066	1
13	5550	83	1	638	1
14	5550	92	1	578	1
15	5550	59	1	898	1
16	5550	19	1	2786	1
17	5550	83	1	643	1
18	5550	35	1	1541	1
19	5550	43	1	1249	1
20	5550	79	1	673	1
21	5550	35	1	1510	1
22	5550	31	1	1731	1
23	5550	25	1	2174	1
24	5550	25	1	2133	1
25	5550	88	1	606	1
26	5550	68	1	779	1
27	5550	32	1	1666	1
28	5550	82	1	646	1
29	5550	27	1	2021	1
30	5550	32	1	1653	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	26	3.7	204	1
2	5550	23	2.1	170	1
3	5550	29	2.2	157	1
4	5550	27	4.8	199	1
5	5550	26	4.2	210	1
6	5550	29	3.4	165	1
7	5550	23	1.5	161	1
8	5550	24	2.2	161	1
9	5550	27	2.4	171	1
10	5550	28	4.9	202	1
11	5550	26	2.4	162	1
12	5550	29	2.3	223	1
13	5550	23	3.9	183	1
14	5550	26	2.4	179	1
15	5550	29	4.8	170	1
16	5550	28	4	215	1
17	5550	24	1.9	227	1
18	5550	27	1.4	180	1
19	5550	24	3.2	203	1
20	5550	27	2	223	1
21	5550	28	3.8	211	1
22	5550	24	3.6	195	1
23	5550	28	2.2	201	1
24	5550	25	1.1	214	1
25	5550	27	3	174	1
26	5550	29	4.8	184	1
27	5550	28	2.1	181	1
28	5550	25	1.3	166	1
29	5550	29	3.2	163	1
30	5550	29	4.7	184	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	17	6.8	372	1
2	5550	16	7.2	358	1
3	5550	16	9.3	251	1
4	5550	16	8.9	217	1
5	5550	17	8.9	297	0
6	5550	18	8	356	1
7	5550	18	6.8	234	1
8	5550	17	6.8	463	0
9	5550	16	8.5	488	1
10	5550	16	8	465	1
11	5550	17	9.7	228	1
12	5550	17	7.4	238	1
13	5550	17	6.9	437	1
14	5550	17	7	387	1
15	5550	18	7.9	354	1
16	5550	16	6.7	217	1
17	5550	17	6.3	216	0
18	5550	17	6	261	1
19	5550	16	6.9	277	1
20	5550	16	8.4	500	1
21	5550	17	8.6	472	1
22	5550	16	8.1	500	1
23	5550	17	7.5	458	1
24	5550	16	6.4	381	1
25	5550	17	7.1	297	1
26	5550	18	7.5	203	0
27	5550	17	9.7	344	1
28	5550	16	8.5	336	1
29	5550	18	9	411	1
30	5550	17	8.3	288	1
Detection Percentage: 86.7 % (>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	19.1	384	1
2	5550	15	19.3	247	1
3	5550	15	13	310	1
4	5550	13	13.6	321	1
5	5550	12	15	225	0
6	5550	16	14.5	256	1
7	5550	16	19.9	476	1
8	5550	12	13.3	471	0
9	5550	14	11.2	315	1
10	5550	12	16.8	406	1
11	5550	14	14.4	385	1
12	5550	14	11.3	351	1
13	5550	15	19.6	216	1
14	5550	12	11.9	362	1
15	5550	14	14.6	360	1
16	5550	12	19.5	217	1
17	5550	16	18.9	286	1
18	5550	15	13.3	491	1
19	5550	15	12.8	269	1
20	5550	13	14.8	360	1
21	5550	13	15.2	271	1
22	5550	15	18.2	275	1
23	5550	15	15.6	392	1
24	5550	13	12.3	251	1
25	5550	14	18.4	290	1
26	5550	12	13	379	1
27	5550	14	18.3	322	1
28	5550	12	15.3	440	1
29	5550	14	15.9	423	1
30	5550	14	16.3	420	1
Detection Percentage: 93.3 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5550	1
2	5550	1
3	5550	1
4	5550	1
5	5550	1
6	5550	1
7	5550	1
8	5550	1
9	5550	1
10	5550	1
11	5538.6	1
12	5538.6	1
13	5533	1
14	5538.2	1
15	5533.8	1
16	5537.4	1
17	5537.4	0
18	5537	1
19	5538.2	1
20	5535.4	1
21	5563	1
22	5563	1
23	5567	1
24	5561.4	1
25	5565	1
26	5564.2	1
27	5562.2	1
28	5567	1
29	5563	1
30	5562.2	1
Detection Percentage: 96.7 % (>80%)		

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	3	19	51.6	1443	1626	0.511465	
1	1	19	70.3			1.089942	
2	2	19	53.8	1900		2.080912	
3	1	19	78.8			2.544831	
4	1	19	52.9			2.960512	
5	2	19	96.5	1182		4.201919	
6	3	19	89.4	1521	1104	4.698614	
7	2	19	73.1	1564		5.266547	
8	2	19	82.9	1432		6.018499	1
9	1	19	91.1			6.476106	
10	3	19	60.4	1747	1403	7.591861	
11	2	19	67.4	1195		8.247203	
12	1	19	59.6			8.69737	
13	2	19	92.1	1886		9.749435	
14	1	19	63.3			10.092048	
15	3	19	99.5	1973	1088	10.912898	
16	3	19	57.9	1085	1535	11.574559	

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	8	74.6	1285		0.226439	
1	1	8	53.5			1.101968	
2	3	8	61.6	1361	1824	1.582572	
3	1	8	61.9			2.461637	
4	2	8	86.3	1276		2.995418	
5	1	8	74.6			3.771192	
6	1	8	55.4			4.785947	
7	3	8	59.6	1723	1888	5.407504	
8	3	8	64	1682	1692	5.730232	1
9	2	8	59.3	1721		6.363385	
10	2	8	53.5	1216		7.242808	
11	3	8	93.2	1546	1588	7.899967	
12	3	8	54.7	1291	1988	9.003928	
13	2	8	54	1389		9.411643	
14	2	8	53.2	1932		10.343138	
15	2	8	79.9	1514		10.830117	
16	1	8	79.9			11.593277	

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	71.9	1722		0.841722	
1	1	16	92.9			2.169978	
2	2	16	90.1	1883		3.896401	
3	1	16	80.7			5.135325	
4	2	16	53.1	1775		6.547745	1
5	2	16	74.3	1107		7.171423	
6	3	16	73.6	1397	1758	8.589211	
7	1	16	53.3			10.354895	
8	3	16	71.1	1685	1651	11.682912	

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	3	6	67.7	1078	1848	0.633301	1
1	2	6	54.6	1863		0.942651	
2	2	6	91.5	1589		2.37554	
3	3	6	99.5	1079	1272	3.237133	
4	2	6	58.2	1905		3.772843	
5	2	6	86.9	1406		4.349824	
6	2	6	71.4	1441		5.191968	
7	3	6	52.3	1856	1565	6.621062	
8	1	6	74.1			7.422525	
9	1	6	56.2			8.148967	
10	3	6	71.1	1438	1224	9.064589	
11	2	6	99.9	1024		10.001619	
12	2	6	86.6	1245		10.740257	
13	3	6	70.8	1966	1281	11.245005	

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	17	87.6	1820		0.490663	1
1	2	17	60.3	1598		1.893409	
2	2	17	53	1656		3.030973	
3	3	17	67.3	1639	1689	4.06133	
4	3	17	93.2	1501	1573	4.525789	
5	2	17	60.3	1335		6.366404	
6	1	17	56.7			6.610596	
7	2	17	74.6	1493		8.426843	
8	1	17	89.8			9.566381	
9	2	17	92.2	1783		10.360036	
10	3	17	68.1	1807	1814	11.648608	

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	6	58.9	1776		0.59305	1
1	2	6	57	1620		1.919501	
2	2	6	74.6	1745		2.543882	
3	2	6	87.8	1603		4.096966	
4	3	6	87.3	1907	1732	5.234853	
5	2	6	79.9	1398		7.121668	
6	2	6	82.8	1933		7.333222	
7	2	6	51.3	1988		8.633429	
8	1	6	71.7			9.996173	
9	2	6	95.8	1860		11.512867	

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	15	65.2	1135		0.276304	1
1	3	15	94.2	1779	1940	1.036735	
2	2	15	78.9	1645		1.623449	
3	1	15	56.8			2.4145	
4	2	15	80.4	1661		3.736437	
5	2	15	72.3	1366		4.068507	
6	3	15	52.2	1807	1120	5.090071	
7	2	15	71	1847		5.632027	
8	3	15	61.6	1937	1239	6.423214	
9	2	15	65.4	1384		7.332493	
10	2	15	97.2	1417		7.500393	
11	2	15	55.8	1507		8.81565	
12	2	15	54.7	1012		9.217255	
13	2	15	98.4	1624		10.494763	
14	3	15	92.6	1963	1494	10.835592	
15	2	15	81.2	1729		11.563053	

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	1	19	59.9			0.617734	1
1	2	19	81.5	1175		1.237431	
2	1	19	80.4			2.399449	
3	2	19	79.1	1721		2.986735	
4	2	19	78.1	1093		3.768668	
5	2	19	55.9	1874		4.58864	
6	3	19	58.7	1567	1564	5.921292	
7	1	19	78.1			6.319448	
8	3	19	68.7	1835	1993	7.321713	
9	1	19	89.7			7.908897	
10	1	19	87.7			8.713838	
11	1	19	74.7			9.468505	
12	1	19	54.5			10.331555	
13	2	19	78.3	1899		11.314555	

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	6	71.3	1826		0.998839	1
1	2	6	75.3	1296		2.37825	
2	3	6	85.6	1741	1896	3.876291	
3	1	6	55.5			5.126634	
4	2	6	80.6	1783		6.365433	
5	3	6	54.6	1399	1175	7.209683	
6	2	6	54.8	1183		9.248447	
7	3	6	53.8	1560	1741	9.33712	
8	1	6	68.6			10.824525	

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	7	60.7	1684		0.045901	1
1	2	7	66.8	1214		0.828948	
2	2	7	74.3	1215		1.613023	
3	2	7	56.8	1442		2.414426	
4	1	7	63.8			2.722265	
5	2	7	81.9	1663		3.739034	
6	2	7	80.5	1512		4.010848	
7	3	7	77.7	1267	1726	5.039889	
8	1	7	84.6			5.885038	
9	3	7	86.2	1936	1099	6.070129	
10	1	7	64.2			7.083274	
11	3	7	60.7	1789	1791	7.90768	
12	2	7	87.2	1570		8.258663	
13	2	7	73.8	1293		9.078297	
14	1	7	51.3			9.761117	
15	1	7	50.5			10.336418	
16	2	7	95.7	1450		11.26254	
17	2	7	89.9	1434		11.969635	

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	19	92.3	1878	1535	0.469937	1
1	3	19	72.3	1307	1485	0.7297	
2	3	19	55.1	1424	1642	1.69088	
3	2	19	79.2	1905		2.000268	
4	1	19	96.5			2.942228	
5	2	19	61.5	1175		3.043061	
6	2	19	57.7	1329		3.816965	
7	1	19	80.1			4.517882	
8	1	19	79.9			4.895876	
9	2	19	71.9	1799		5.721179	
10	1	19	97.4			6.124383	
11	2	19	74.1	1282		6.809593	
12	2	19	89.6	1460		7.618853	
13	3	19	60	1452	1277	8.28706	
14	1	19	80.8			8.86144	
15	3	19	71.6	1884	1590	9.393248	
16	2	19	87	1922		10.193066	
17	3	19	76.8	1379	1931	10.410735	
18	2	19	92.3	1796		11.155813	
19	2	19	58.4	1511		11.458612	

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	19	76.7	1110		0.322192	1
1	1	19	99.9			0.739904	
2	2	19	79.4	1989		1.813681	
3	3	19	53.8	1403	1325	2.392832	
4	2	19	83.1	1286		3.260711	
5	3	19	68.6	1265	1005	3.394509	
6	1	19	64			4.344602	
7	3	19	95.5	1039	1213	4.858331	
8	2	19	66.3	1441		5.75472	
9	2	19	73.8	1570		6.36769	
10	2	19	51.8	1922		6.90561	
11	3	19	74.1	1813	1169	7.676431	
12	1	19	75.7			8.006761	
13	3	19	54.6	1113	1735	8.695773	
14	1	19	88.8			9.713295	
15	1	19	50.9			10.585861	
16	2	19	80.7	1398		11.247176	
17	3	19	71	1646	1582	11.957777	

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	5	54.8	1858		0.092535	1
1	1	5	91.1			1.188726	
2	2	5	74.7	1615		1.57459	
3	2	5	62	1974		2.96356	
4	2	5	74.6	1909		3.065098	
5	2	5	83.6	1041		4.223457	
6	2	5	83.2	1197		4.566677	
7	1	5	83.3			5.330201	
8	3	5	70.1	1020	1343	6.369066	
9	1	5	50.1			7.269358	
10	3	5	83.9	1080	1240	7.568812	
11	2	5	67.9	1558		8.335062	
12	2	5	75.9	1743		9.569893	
13	2	5	89.1	1974		9.874602	
14	1	5	70.2			10.820873	
15	3	5	59.1	1777	1489	11.640025	

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	18	79.5			0.098621	1
1	1	18	74.9			0.792882	
2	1	18	51.8			1.86312	
3	2	18	54.3	1070		2.082872	
4	3	18	60.6	1086	1492	3.110679	
5	1	18	55			3.370449	
6	2	18	95.3	1767		4.212464	
7	3	18	59.5	1460	1868	5.00767	
8	2	18	88.3	1155		5.647427	
9	3	18	80.5	1424	1816	6.113724	
10	2	18	90.8	1064		6.73398	
11	2	18	68.1	1926		7.683649	
12	3	18	55.8	1023	1307	8.629412	
13	2	18	93.8	1417		9.136483	
14	1	18	95			9.9543	
15	3	18	50.1	1322	1846	10.569088	
16	2	18	57.7	1942		10.871098	
17	3	18	73.8	1709	1253	11.542667	

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	7	76.5	1169		0.596626	1
1	1	7	95.9			1.471227	
2	2	7	88.6	1593		1.913458	
3	1	7	61.6			2.90687	
4	3	7	51.1	1540	1672	3.616593	
5	2	7	78	1026		4.112532	
6	1	7	74.7			5.187833	
7	1	7	64.5			5.411658	
8	3	7	61.3	1594	1575	6.6253	
9	3	7	59.2	1531	1324	6.911461	
10	1	7	96.6			7.87494	
11	1	7	96.1			8.992928	
12	2	7	93.3	1331		9.702781	
13	1	7	66.1			10.474505	
14	3	7	71.4	1420	1637	10.553466	
15	1	7	57.2			11.348855	

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	16	61.5	1744		0.489904	
1	1	16	72			1.092885	
2	2	16	53.3	1059		1.697565	
3	1	16	81.2			2.706162	
4	3	16	77.7	1714	1672	3.155517	
5	2	16	93.9	1757		4.021896	
6	1	16	54.2			4.534303	
7	2	16	53.1	1789		5.519652	
8	2	16	77.4	1345		5.797627	1
9	2	16	84.4	1585		6.893959	
10	3	16	84.4	1798	1542	7.569658	
11	2	16	88.2	1745		8.004515	
12	2	16	75.9	1314		8.7023	
13	2	16	77.1	1108		9.597897	
14	3	16	91.2	1506	1046	10.386561	
15	2	16	86.3	1436		11.15526	
16	3	16	57	1876	1187	11.346589	

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	2	16	79.4	1842		0.203393	
1	1	16	57.9			1.204973	
2	1	16	75.8			2.107815	
3	2	16	73.5	1010		2.917226	
4	2	16	56.9	1123		4.128985	
5	1	16	91.7			4.730311	
6	3	16	96.8	1284	1815	5.945583	0
7	1	16	53			6.427741	
8	3	16	65.5	1996	1380	7.463306	
9	3	16	72.5	1527	1383	7.897165	
10	1	16	87.8			9.094276	
11	2	16	96.1	1199		9.733869	
12	2	16	84	1808		10.442877	
13	3	16	96.9	1752	1453	11.831426	

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	15	87.5	1325		0.667955	1
1	2	15	66.6	1724		1.291452	
2	1	15	77.4			2.397436	
3	2	15	66.7	1928		2.828935	
4	2	15	57.3	1715		3.934867	
5	1	15	66.1			4.720202	
6	2	15	79.3	1184		5.637952	
7	2	15	55.5	1665		6.108393	
8	3	15	85.7	1391	1342	6.980298	
9	2	15	86.1	1869		8.122141	
10	3	15	66.4	1365	1057	8.719834	
11	2	15	70.9	1619		9.646382	
12	2	15	64.7	1454		10.636906	
13	3	15	77.9	1064	1780	11.414044	

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	18	65.4	1670		0.194422	1
1	3	18	78.6	1473	1542	2.477681	
2	2	18	78.6	1979		3.188615	
3	3	18	52.4	1503	1317	4.0172	
4	2	18	87.3	1037		5.483298	
5	2	18	73.2	1479		7.178208	
6	1	18	85.4			9.228679	
7	2	18	70.1	1316		10.346653	
8	3	18	79.8	1285	1103	11.151923	

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	1	11	88.7			0.484746	1
1	2	11	66.5	1546		1.799717	
2	3	11	86.8	1868	1513	2.297933	
3	2	11	63.7	1131		3.482611	
4	2	11	69.6	1426		4.645027	
5	3	11	63.6	1040	1633	5.297592	
6	1	11	87.7			6.42631	
7	2	11	99.5	1586		7.02227	
8	3	11	70.1	1178	1530	8.722096	
9	2	11	91.5	1348		9.651889	
10	3	11	86.9	1134	1352	10.01202	
11	3	11	73.2	1512	1401	11.966891	

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	15	62.9	1546		0.011957	1
1	2	15	69.6	1796		0.987032	
2	1	15	86.9			1.474818	
3	2	15	87.1	1418		1.840611	
4	1	15	83			2.651573	
5	2	15	58.9	1355		3.030134	
6	2	15	92.9	1718		3.731431	
7	2	15	93.2	1351		4.648763	
8	1	15	54.7			5.318254	
9	3	15	89.4	1097	1479	5.611599	
10	2	15	78.6	1530		6.142331	
11	3	15	89.7	1397	1171	6.709165	
12	2	15	75.8	1165		7.201794	
13	2	15	57.1	1401		7.83724	
14	2	15	64	1688		8.921256	
15	1	15	61.2			9.231129	
16	2	15	74	1895		9.786773	
17	2	15	77	1169		10.787374	
18	2	15	86.8	1022		10.972284	
19	2	15	81.8	1157		11.96438	

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	15	96.4	1092	1064	0.855698	1
1	3	15	86	1983	1044	2.328697	
2	3	15	53.7	1617	1720	3.828672	
3	1	15	91.5			5.675909	
4	1	15	95.8			6.120478	
5	2	15	96.2	1577		8.698861	
6	1	15	90.7			9.0818	
7	2	15	64.6	1179		10.809947	

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	5	97.9	1286	1839	0.619567	1
1	2	5	66.2	1992		2.008977	
2	2	5	65.6	1004		3.153397	
3	1	5	77.4			3.655422	
4	1	5	58.6			4.402634	
5	2	5	55.4	1768		6.064025	
6	3	5	68.7	1691	1631	7.055484	
7	2	5	89.4	1895		8.109744	
8	2	5	55.9	1749		8.876255	
9	2	5	57.1	1229		10.035481	
10	2	5	84.8	1242		11.960469	

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	19	68.4			0.351529	1
1	2	19	96.8	1103		2.022619	
2	3	19	86	1787	1254	2.412027	
3	3	19	78	1081	1889	4.293665	
4	3	19	89	1627	1152	4.802473	
5	2	19	50.3	1079		5.532102	
6	2	19	54.8	1030		6.912821	
7	1	19	92.2			8.573066	
8	3	19	82.5	1737	1490	8.844868	
9	2	19	60.2	1869		10.837853	
10	2	19	59.7	1646		11.266597	

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	10	87.9	1768		0.173358	1
1	2	10	60	1152		2.202921	
2	3	10	90.1	1610	1905	2.783194	
3	3	10	82	1545	1669	4.431064	
4	2	10	67.6	1143		5.633255	
5	2	10	79.9	1373		6.815817	
6	2	10	83.4	1939		7.439595	
7	2	10	84	1653		8.664146	
8	2	10	98.9	1350		9.851199	
9	3	10	83.1	1840	1456	11.054379	

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	12	60.5			0.630007	
1	3	12	95.7	1605	1542	0.9234	
2	1	12	72			1.807313	
3	2	12	66.9	1710		2.569283	
4	2	12	61	1617		3.637476	
5	2	12	77.8	1721		4.063125	
6	2	12	92.8	1427		5.361102	
7	2	12	51.3	1978		5.747678	1
8	1	12	60.6			7.109191	
9	3	12	76.5	1054	1002	7.292318	
10	2	12	67.9	1109		8.426221	
11	2	12	55	1532		9.183457	
12	2	12	73.2	1179		10.098462	
13	2	12	58.3	1803		10.78443	
14	2	12	98.7	1202		11.451006	

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	17	99.9	1552		0.317864	
1	1	17	83.4			0.990797	
2	2	17	87.2	1978		1.602831	
3	2	17	60.9	1945		2.048382	
4	1	17	64.2			2.597353	
5	1	17	73.5			3.51347	
6	2	17	90.7	1093		3.964327	
7	2	17	64.1	1150		4.652472	
8	2	17	84.9	1388		5.655693	
9	3	17	84	1153	1492	5.782127	1
10	2	17	96.8	1202		6.653666	
11	2	17	62.6	1394		7.321279	
12	2	17	82	1397		8.191309	
13	2	17	89.6	1065		8.424907	
14	3	17	87.1	1257	1293	9.056003	
15	3	17	90.3	1054	1595	9.901955	
16	1	17	86.7			10.182083	
17	2	17	57.5	1201		10.979403	
18	1	17	68.6			11.969732	

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	5	71.5			0.81649	1
1	2	5	50.8	1957		1.567497	
2	2	5	59.5	1293		3.223883	
3	2	5	78.8	1245		4.059878	
4	3	5	65.8	1154	1685	5.974098	
5	3	5	66.9	1751	1981	7.047541	
6	2	5	67.3	1330		8.141715	
7	3	5	60.3	1939	1293	8.571113	
8	1	5	54.6			10.472728	
9	1	5	80.4			10.818822	

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	15	77.7	1771		0.174896	1
1	1	15	50.4			1.044936	
2	2	15	61.3	1369		1.574883	
3	3	15	90.5	1749	1926	2.120052	
4	1	15	76.3			2.96629	
5	2	15	79.9	1052		3.112207	
6	3	15	64.6	1751	1550	3.625777	
7	1	15	77.5			4.242664	
8	2	15	52.8	1646		4.998876	
9	3	15	99.6	1459	1163	5.825076	
10	2	15	57.7	1240		6.26623	
11	1	15	76.2			6.637277	
12	3	15	59.4	1268	1492	7.641129	
13	2	15	74.6	1650		8.062823	
14	3	15	81.8	1798	1960	8.528776	
15	2	15	82.4	1174		9.304976	
16	2	15	83.5	1216		10.028412	
17	2	15	96.8	1655		10.741207	
18	1	15	79.1			10.8145	
19	2	15	84.9	1179		11.793507	

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	66.5	1287	1261	0.047658	1
1	2	17	83.9	1315		1.87432	
2	3	17	88.7	1311	1418	2.295633	
3	1	17	74.5			3.824605	
4	1	17	76.3			4.131171	
5	2	17	66.9	1848		5.345371	
6	1	17	86.9			6.512154	
7	2	17	66.1	1359		7.107267	
8	1	17	56.7			8.255473	
9	2	17	59.5	1185		9.9327	
10	2	17	97.5	1936		10.844843	
11	2	17	59.6	1844		11.206494	

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	5306.0, 5267.0, 5684.0, 5481.0, 5557.0, 5706.0, 5510.0, 5414.0, 5572.0, 5497.0, 5262.0, 5426.0, 5309.0, 5702.0, 5506.0, 5339.0, 5420.0, 5424.0, 5382.0, 5713.0, 5353.0, 5315.0, 5709.0, 5511.0, 5372.0, 5568.0, 5711.0, 5512.0, 5328.0, 5482.0, 5366.0, 5283.0, 5447.0, 5256.0, 5265.0, 5641.0, 5452.0, 5343.0, 5573.0, 5604.0, 5655.0, 5516.0, 5313.0, 5429.0, 5371.0, 5361.0, 5293.0, 5718.0, 5546.0, 5336.0, 5469.0, 5294.0, 5627.0, 5698.0, 5560.0, 5589.0, 5542.0, 5465.0, 5427.0, 5457.0, 5602.0, 5260.0, 5678.0, 5268.0, 5501.0, 5410.0, 5701.0, 5498.0, 5638.0, 5377.0, 5686.0, 5536.0, 5348.0, 5345.0, 5446.0, 5300.0, 5656.0, 5443.0, 5471.0, 5551.0, 5614.0, 5334.0, 5514.0, 5552.0, 5697.0, 5459.0, 5286.0, 5541.0, 5318.0, 5442.0, 5527.0, 5403.0, 5490.0, 5625.0, 5492.0, 5276.0, 5564.0, 5462.0, 5266.0, 5388.0 (number of hits: 10)
2	5550	9	1	333	1	5449.0, 5269.0, 5258.0, 5638.0, 5253.0, 5513.0, 5542.0, 5428.0, 5407.0, 5559.0, 5411.0, 5354.0, 5283.0, 5552.0, 5492.0, 5312.0, 5357.0, 5601.0, 5694.0, 5540.0, 5461.0, 5530.0, 5452.0, 5667.0, 5628.0, 5704.0, 5562.0, 5489.0, 5531.0, 5386.0, 5640.0, 5579.0, 5331.0, 5564.0, 5330.0, 5641.0, 5321.0, 5400.0, 5705.0, 5529.0, 5429.0, 5536.0, 5347.0, 5633.0, 5490.0, 5336.0, 5382.0, 5588.0, 5512.0, 5445.0, 5598.0, 5546.0, 5383.0, 5423.0, 5577.0, 5611.0, 5660.0, 5661.0, 5639.0, 5427.0, 5359.0, 5310.0, 5374.0, 5431.0, 5356.0, 5533.0, 5350.0, 5320.0, 5602.0, 5681.0, 5358.0, 5261.0, 5563.0, 5685.0, 5699.0, 5444.0, 5344.0, 5443.0, 5485.0, 5647.0, 5676.0, 5496.0, 5325.0, 5346.0, 5277.0, 5373.0, 5695.0, 5701.0, 5273.0, 5316.0, 5366.0, 5474.0, 5313.0, 5507.0, 5592.0, 5367.0, 5500.0, 5260.0, 5523.0, 5510.0 (number of hits: 12)
3	5550	9	1	333	1	5556.0, 5684.0, 5272.0, 5458.0, 5436.0, 5480.0, 5426.0, 5390.0, 5624.0, 5521.0, 5597.0, 5403.0, 5360.0, 5655.0, 5712.0, 5432.0, 5329.0, 5400.0, 5350.0, 5641.0, 5474.0, 5317.0, 5337.0, 5476.0, 5590.0, 5284.0, 5346.0, 5504.0, 5492.0, 5678.0, 5419.0, 5633.0, 5531.0, 5651.0, 5516.0, 5577.0, 5572.0, 5332.0, 5701.0, 5278.0, 5547.0, 5371.0, 5334.0, 5296.0, 5720.0, 5550.0, 5676.0, 5407.0, 5587.0, 5408.0, 5693.0, 5389.0, 5635.0, 5530.0, 5443.0,

						5604.0, 5256.0, 5589.0, 5623.0, 5313.0, 5654.0, 5268.0, 5631.0, 5658.0, 5368.0, 5546.0, 5292.0, 5257.0, 5610.0, 5434.0, 5680.0, 5598.0, 5293.0, 5303.0, 5657.0, 5372.0, 5708.0, 5266.0, 5448.0, 5331.0, 5668.0, 5263.0, 5322.0, 5648.0, 5702.0, 5599.0, 5349.0, 5405.0, 5491.0, 5336.0, 5674.0, 5385.0, 5659.0, 5316.0, 5399.0, 5391.0, 5606.0, 5645.0, 5502.0, 5718.0 (number of hits: 6)
4	5550	9	1	333	1	5306.0, 5371.0, 5269.0, 5345.0, 5424.0, 5571.0, 5303.0, 5590.0, 5625.0, 5603.0, 5606.0, 5691.0, 5431.0, 5350.0, 5707.0, 5405.0, 5550.0, 5654.0, 5355.0, 5610.0, 5401.0, 5330.0, 5440.0, 5617.0, 5366.0, 5680.0, 5507.0, 5716.0, 5452.0, 5407.0, 5711.0, 5628.0, 5525.0, 5493.0, 5260.0, 5601.0, 5430.0, 5361.0, 5521.0, 5277.0, 5321.0, 5639.0, 5561.0, 5599.0, 5559.0, 5658.0, 5455.0, 5585.0, 5555.0, 5433.0, 5311.0, 5313.0, 5489.0, 5412.0, 5458.0, 5463.0, 5714.0, 5669.0, 5250.0, 5522.0, 5672.0, 5518.0, 5441.0, 5607.0, 5357.0, 5448.0, 5591.0, 5459.0, 5565.0, 5690.0, 5699.0, 5715.0, 5270.0, 5678.0, 5566.0, 5666.0, 5636.0, 5381.0, 5257.0, 5271.0, 5573.0, 5668.0, 5613.0, 5397.0, 5329.0, 5335.0, 5706.0, 5473.0, 5396.0, 5444.0, 5681.0, 5723.0, 5492.0, 5675.0, 5387.0, 5477.0, 5347.0, 5326.0, 5551.0, 5552.0 (number of hits: 8)
5	5550	9	1	333	1	5384.0, 5617.0, 5381.0, 5637.0, 5710.0, 5507.0, 5615.0, 5410.0, 5407.0, 5644.0, 5589.0, 5300.0, 5350.0, 5482.0, 5508.0, 5373.0, 5558.0, 5513.0, 5534.0, 5701.0, 5415.0, 5633.0, 5649.0, 5629.0, 5333.0, 5616.0, 5315.0, 5582.0, 5577.0, 5658.0, 5706.0, 5488.0, 5607.0, 5722.0, 5580.0, 5547.0, 5254.0, 5428.0, 5608.0, 5264.0, 5493.0, 5660.0, 5690.0, 5614.0, 5664.0, 5374.0, 5393.0, 5510.0, 5290.0, 5291.0, 5503.0, 5406.0, 5402.0, 5466.0, 5585.0, 5496.0, 5509.0, 5377.0, 5282.0, 5365.0, 5268.0, 5516.0, 5591.0, 5565.0, 5543.0, 5323.0, 5598.0, 5278.0, 5549.0, 5556.0, 5448.0, 5396.0, 5643.0, 5705.0, 5447.0, 5506.0, 5465.0, 5293.0, 5666.0, 5525.0, 5435.0, 5612.0, 5626.0, 5570.0, 5343.0, 5694.0, 5625.0, 5413.0, 5313.0, 5661.0, 5579.0, 5344.0, 5708.0, 5636.0, 5627.0, 5538.0, 5720.0, 5684.0, 5434.0, 5524.0 (number of hits: 8)
6	5550	9	1	333	1	5407.0, 5585.0, 5691.0, 5528.0, 5400.0, 5430.0, 5669.0, 5394.0, 5322.0, 5509.0, 5519.0, 5549.0, 5645.0, 5607.0, 5673.0, 5697.0, 5530.0, 5343.0, 5531.0, 5328.0, 5694.0, 5704.0, 5489.0, 5477.0, 5366.0, 5699.0, 5581.0, 5642.0, 5683.0, 5346.0, 5429.0, 5344.0, 5537.0, 5370.0, 5272.0,

						5657.0, 5651.0, 5591.0, 5648.0, 5479.0, 5541.0, 5378.0, 5347.0, 5598.0, 5616.0, 5349.0, 5596.0, 5539.0, 5641.0, 5472.0, 5499.0, 5483.0, 5671.0, 5508.0, 5570.0, 5345.0, 5385.0, 5569.0, 5573.0, 5382.0, 5413.0, 5420.0, 5635.0, 5279.0, 5468.0, 5405.0, 5424.0, 5536.0, 5308.0, 5325.0, 5410.0, 5455.0, 5353.0, 5393.0, 5409.0, 5708.0, 5291.0, 5696.0, 5435.0, 5306.0, 5543.0, 5476.0, 5490.0, 5258.0, 5643.0, 5503.0, 5388.0, 5486.0, 5406.0, 5551.0, 5403.0, 5554.0, 5550.0, 5453.0, 5283.0, 5440.0, 5523.0, 5702.0, 5515.0, 5659.0 (number of hits: 12)
7	5550	9	1	333	1	5536.0, 5454.0, 5614.0, 5553.0, 5272.0, 5383.0, 5624.0, 5642.0, 5590.0, 5606.0, 5644.0, 5474.0, 5648.0, 5483.0, 5251.0, 5705.0, 5390.0, 5673.0, 5543.0, 5621.0, 5524.0, 5559.0, 5688.0, 5580.0, 5463.0, 5596.0, 5569.0, 5346.0, 5372.0, 5347.0, 5465.0, 5297.0, 5274.0, 5457.0, 5495.0, 5558.0, 5481.0, 5334.0, 5298.0, 5664.0, 5446.0, 5468.0, 5318.0, 5661.0, 5447.0, 5532.0, 5375.0, 5304.0, 5698.0, 5370.0, 5255.0, 5409.0, 5435.0, 5444.0, 5378.0, 5506.0, 5284.0, 5522.0, 5525.0, 5348.0, 5712.0, 5667.0, 5641.0, 5721.0, 5285.0, 5631.0, 5496.0, 5355.0, 5546.0, 5665.0, 5547.0, 5404.0, 5485.0, 5356.0, 5634.0, 5486.0, 5316.0, 5552.0, 5550.0, 5393.0, 5303.0, 5622.0, 5373.0, 5651.0, 5646.0, 5341.0, 5469.0, 5385.0, 5617.0, 5520.0, 5612.0, 5574.0, 5717.0, 5475.0, 5365.0, 5584.0, 5682.0, 5402.0, 5669.0, 5694.0 (number of hits: 11)
8	5550	9	1	333	1	5330.0, 5451.0, 5252.0, 5304.0, 5551.0, 5259.0, 5483.0, 5341.0, 5410.0, 5634.0, 5599.0, 5313.0, 5620.0, 5321.0, 5297.0, 5476.0, 5526.0, 5350.0, 5413.0, 5517.0, 5671.0, 5305.0, 5369.0, 5654.0, 5303.0, 5638.0, 5449.0, 5699.0, 5663.0, 5589.0, 5310.0, 5332.0, 5425.0, 5586.0, 5390.0, 5530.0, 5656.0, 5557.0, 5445.0, 5446.0, 5511.0, 5655.0, 5280.0, 5409.0, 5349.0, 5380.0, 5398.0, 5293.0, 5621.0, 5453.0, 5417.0, 5258.0, 5513.0, 5722.0, 5348.0, 5629.0, 5306.0, 5594.0, 5687.0, 5329.0, 5652.0, 5377.0, 5592.0, 5277.0, 5402.0, 5440.0, 5711.0, 5507.0, 5533.0, 5545.0, 5364.0, 5366.0, 5287.0, 5286.0, 5485.0, 5572.0, 5562.0, 5514.0, 5374.0, 5353.0, 5585.0, 5690.0, 5354.0, 5499.0, 5532.0, 5640.0, 5676.0, 5255.0, 5386.0, 5322.0, 5543.0, 5584.0, 5358.0, 5617.0, 5547.0, 5521.0, 5333.0, 5479.0, 5489.0, 5301.0 (number of hits: 9)
9	5550	9	1	333	1	5722.0, 5366.0, 5427.0, 5647.0, 5482.0, 5325.0, 5431.0, 5255.0, 5443.0, 5519.0, 5632.0, 5600.0, 5329.0, 5642.0, 5381.0,

						5313.0, 5468.0, 5593.0, 5306.0, 5434.0, 5414.0, 5293.0, 5461.0, 5608.0, 5595.0, 5279.0, 5624.0, 5699.0, 5563.0, 5315.0, 5472.0, 5452.0, 5713.0, 5652.0, 5550.0, 5422.0, 5661.0, 5316.0, 5700.0, 5361.0, 5610.0, 5697.0, 5562.0, 5286.0, 5428.0, 5604.0, 5582.0, 5716.0, 5441.0, 5683.0, 5308.0, 5576.0, 5554.0, 5637.0, 5627.0, 5481.0, 5256.0, 5695.0, 5583.0, 5413.0, 5532.0, 5599.0, 5283.0, 5356.0, 5458.0, 5409.0, 5717.0, 5268.0, 5438.0, 5531.0, 5362.0, 5309.0, 5549.0, 5447.0, 5335.0, 5347.0, 5397.0, 5343.0, 5520.0, 5493.0, 5463.0, 5547.0, 5558.0, 5530.0, 5478.0, 5372.0, 5629.0, 5450.0, 5492.0, 5568.0, 5692.0, 5448.0, 5719.0, 5412.0, 5548.0, 5318.0, 5350.0, 5403.0, 5400.0, 5310.0 (number of hits: 12)
10	5550	9	1	333	1	5594.0, 5427.0, 5529.0, 5357.0, 5386.0, 5480.0, 5418.0, 5462.0, 5396.0, 5619.0, 5638.0, 5481.0, 5710.0, 5464.0, 5689.0, 5711.0, 5390.0, 5517.0, 5476.0, 5485.0, 5430.0, 5484.0, 5405.0, 5450.0, 5547.0, 5252.0, 5401.0, 5454.0, 5355.0, 5317.0, 5306.0, 5467.0, 5538.0, 5682.0, 5504.0, 5641.0, 5303.0, 5599.0, 5583.0, 5488.0, 5551.0, 5588.0, 5556.0, 5314.0, 5274.0, 5523.0, 5656.0, 5503.0, 5537.0, 5693.0, 5604.0, 5307.0, 5421.0, 5289.0, 5540.0, 5468.0, 5313.0, 5690.0, 5696.0, 5522.0, 5399.0, 5403.0, 5602.0, 5591.0, 5296.0, 5404.0, 5469.0, 5302.0, 5358.0, 5422.0, 5624.0, 5391.0, 5648.0, 5457.0, 5700.0, 5574.0, 5449.0, 5640.0, 5384.0, 5395.0, 5285.0, 5535.0, 5575.0, 5373.0, 5492.0, 5487.0, 5415.0, 5618.0, 5703.0, 5327.0, 5323.0, 5691.0, 5516.0, 5659.0, 5701.0, 5272.0, 5455.0, 5627.0, 5543.0, 5452.0 (number of hits: 8)
11	5550	9	1	333	1	5347.0, 5360.0, 5491.0, 5704.0, 5456.0, 5567.0, 5629.0, 5368.0, 5503.0, 5402.0, 5367.0, 5286.0, 5493.0, 5679.0, 5661.0, 5714.0, 5302.0, 5529.0, 5678.0, 5723.0, 5611.0, 5664.0, 5668.0, 5500.0, 5489.0, 5578.0, 5677.0, 5418.0, 5388.0, 5354.0, 5399.0, 5650.0, 5276.0, 5694.0, 5563.0, 5602.0, 5673.0, 5609.0, 5284.0, 5421.0, 5646.0, 5316.0, 5473.0, 5698.0, 5610.0, 5653.0, 5396.0, 5577.0, 5658.0, 5440.0, 5575.0, 5370.0, 5298.0, 5371.0, 5439.0, 5259.0, 5448.0, 5415.0, 5612.0, 5364.0, 5634.0, 5375.0, 5681.0, 5648.0, 5315.0, 5715.0, 5343.0, 5523.0, 5274.0, 5684.0, 5600.0, 5340.0, 5484.0, 5382.0, 5619.0, 5517.0, 5438.0, 5675.0, 5632.0, 5303.0, 5513.0, 5353.0, 5477.0, 5531.0, 5654.0, 5574.0, 5550.0, 5558.0, 5580.0, 5555.0, 5581.0, 5557.0, 5457.0, 5358.0, 5685.0, 5380.0, 5486.0, 5447.0, 5385.0, 5389.0

						(number of hits: 7)
12	5550	9	1	333	1	5487.0, 5716.0, 5677.0, 5383.0, 5672.0, 5462.0, 5629.0, 5448.0, 5358.0, 5693.0, 5378.0, 5661.0, 5417.0, 5682.0, 5345.0, 5455.0, 5331.0, 5681.0, 5630.0, 5429.0, 5708.0, 5313.0, 5636.0, 5606.0, 5407.0, 5592.0, 5529.0, 5653.0, 5613.0, 5593.0, 5449.0, 5573.0, 5418.0, 5660.0, 5711.0, 5265.0, 5317.0, 5618.0, 5609.0, 5598.0, 5525.0, 5276.0, 5323.0, 5318.0, 5396.0, 5572.0, 5403.0, 5456.0, 5371.0, 5705.0, 5334.0, 5547.0, 5657.0, 5644.0, 5312.0, 5341.0, 5391.0, 5503.0, 5646.0, 5272.0, 5511.0, 5540.0, 5308.0, 5342.0, 5641.0, 5632.0, 5489.0, 5502.0, 5622.0, 5565.0, 5687.0, 5648.0, 5366.0, 5335.0, 5289.0, 5643.0, 5329.0, 5522.0, 5270.0, 5536.0, 5531.0, 5285.0, 5404.0, 5362.0, 5400.0, 5633.0, 5420.0, 5621.0, 5382.0, 5293.0, 5381.0, 5305.0, 5364.0, 5282.0, 5295.0, 5471.0, 5301.0, 5590.0, 5528.0, 5356.0 (number of hits: 5)
13	5550	9	1	333	1	5591.0, 5252.0, 5534.0, 5324.0, 5301.0, 5279.0, 5630.0, 5670.0, 5535.0, 5428.0, 5631.0, 5427.0, 5358.0, 5413.0, 5635.0, 5408.0, 5668.0, 5397.0, 5414.0, 5494.0, 5718.0, 5682.0, 5567.0, 5391.0, 5511.0, 5677.0, 5634.0, 5599.0, 5332.0, 5399.0, 5672.0, 5406.0, 5705.0, 5691.0, 5471.0, 5696.0, 5544.0, 5273.0, 5604.0, 5539.0, 5525.0, 5417.0, 5490.0, 5448.0, 5553.0, 5421.0, 5457.0, 5326.0, 5475.0, 5372.0, 5429.0, 5266.0, 5697.0, 5645.0, 5520.0, 5683.0, 5422.0, 5541.0, 5347.0, 5359.0, 5504.0, 5596.0, 5306.0, 5344.0, 5449.0, 5299.0, 5641.0, 5348.0, 5568.0, 5692.0, 5654.0, 5251.0, 5293.0, 5690.0, 5576.0, 5339.0, 5343.0, 5649.0, 5644.0, 5678.0, 5622.0, 5707.0, 5363.0, 5686.0, 5617.0, 5582.0, 5345.0, 5303.0, 5681.0, 5381.0, 5450.0, 5349.0, 5664.0, 5589.0, 5459.0, 5481.0, 5334.0, 5487.0, 5368.0, 5327.0 (number of hits: 8)
14	5550	9	1	333	1	5697.0, 5552.0, 5253.0, 5587.0, 5395.0, 5517.0, 5577.0, 5560.0, 5430.0, 5433.0, 5610.0, 5539.0, 5654.0, 5454.0, 5313.0, 5565.0, 5609.0, 5409.0, 5399.0, 5538.0, 5595.0, 5715.0, 5382.0, 5696.0, 5723.0, 5549.0, 5308.0, 5646.0, 5446.0, 5472.0, 5643.0, 5360.0, 5479.0, 5448.0, 5691.0, 5458.0, 5315.0, 5372.0, 5523.0, 5450.0, 5695.0, 5461.0, 5411.0, 5294.0, 5262.0, 5490.0, 5681.0, 5693.0, 5375.0, 5634.0, 5299.0, 5407.0, 5293.0, 5383.0, 5431.0, 5464.0, 5455.0, 5256.0, 5485.0, 5580.0, 5512.0, 5263.0, 5690.0, 5544.0, 5663.0, 5466.0, 5704.0, 5438.0, 5362.0, 5303.0, 5492.0, 5267.0, 5453.0, 5712.0, 5469.0, 5559.0, 5562.0, 5713.0, 5540.0, 5327.0,

						5304.0, 5637.0, 5513.0, 5310.0, 5339.0, 5504.0, 5324.0, 5489.0, 5270.0, 5300.0, 5331.0, 5578.0, 5404.0, 5613.0, 5420.0, 5522.0, 5531.0, 5367.0, 5624.0, 5320.0 (number of hits: 11)
15	5550	9	1	333	1	5630.0, 5315.0, 5304.0, 5666.0, 5450.0, 5652.0, 5604.0, 5338.0, 5706.0, 5499.0, 5561.0, 5317.0, 5307.0, 5632.0, 5472.0, 5460.0, 5709.0, 5393.0, 5594.0, 5433.0, 5294.0, 5319.0, 5647.0, 5387.0, 5254.0, 5575.0, 5608.0, 5633.0, 5347.0, 5481.0, 5366.0, 5451.0, 5323.0, 5601.0, 5628.0, 5656.0, 5663.0, 5631.0, 5364.0, 5588.0, 5637.0, 5416.0, 5372.0, 5547.0, 5441.0, 5684.0, 5607.0, 5508.0, 5436.0, 5715.0, 5290.0, 5523.0, 5473.0, 5571.0, 5657.0, 5359.0, 5606.0, 5396.0, 5409.0, 5576.0, 5693.0, 5650.0, 5369.0, 5251.0, 5404.0, 5298.0, 5268.0, 5330.0, 5253.0, 5522.0, 5645.0, 5479.0, 5378.0, 5514.0, 5299.0, 5368.0, 5554.0, 5622.0, 5512.0, 5493.0, 5342.0, 5583.0, 5496.0, 5356.0, 5664.0, 5721.0, 5314.0, 5363.0, 5566.0, 5651.0, 5546.0, 5419.0, 5674.0, 5345.0, 5589.0, 5549.0, 5680.0, 5358.0, 5415.0, 5502.0 (number of hits: 6)
16	5550	9	1	333	1	5581.0, 5707.0, 5446.0, 5403.0, 5354.0, 5656.0, 5614.0, 5672.0, 5347.0, 5608.0, 5359.0, 5379.0, 5708.0, 5696.0, 5533.0, 5549.0, 5357.0, 5383.0, 5584.0, 5697.0, 5650.0, 5367.0, 5602.0, 5336.0, 5487.0, 5587.0, 5427.0, 5532.0, 5486.0, 5271.0, 5365.0, 5275.0, 5442.0, 5542.0, 5298.0, 5250.0, 5276.0, 5699.0, 5574.0, 5548.0, 5369.0, 5554.0, 5270.0, 5457.0, 5515.0, 5687.0, 5573.0, 5499.0, 5666.0, 5340.0, 5511.0, 5631.0, 5497.0, 5661.0, 5709.0, 5370.0, 5302.0, 5450.0, 5551.0, 5438.0, 5700.0, 5417.0, 5461.0, 5265.0, 5555.0, 5586.0, 5312.0, 5524.0, 5667.0, 5463.0, 5713.0, 5623.0, 5534.0, 5662.0, 5274.0, 5498.0, 5416.0, 5569.0, 5612.0, 5659.0, 5318.0, 5606.0, 5279.0, 5610.0, 5502.0, 5641.0, 5629.0, 5392.0, 5272.0, 5252.0, 5685.0, 5611.0, 5684.0, 5563.0, 5466.0, 5500.0, 5665.0, 5588.0, 5593.0, 5706.0 (number of hits: 11)
17	5550	9	1	333	1	5447.0, 5639.0, 5382.0, 5706.0, 5254.0, 5320.0, 5289.0, 5682.0, 5422.0, 5337.0, 5600.0, 5318.0, 5471.0, 5448.0, 5589.0, 5590.0, 5468.0, 5667.0, 5404.0, 5663.0, 5532.0, 5530.0, 5658.0, 5430.0, 5485.0, 5280.0, 5555.0, 5696.0, 5372.0, 5548.0, 5462.0, 5558.0, 5712.0, 5510.0, 5697.0, 5484.0, 5617.0, 5560.0, 5723.0, 5418.0, 5355.0, 5460.0, 5356.0, 5550.0, 5434.0, 5611.0, 5574.0, 5285.0, 5516.0, 5386.0, 5672.0, 5566.0, 5258.0, 5586.0, 5607.0, 5680.0, 5602.0, 5342.0, 5552.0, 5364.0,

						5344.0, 5577.0, 5496.0, 5547.0, 5542.0, 5319.0, 5396.0, 5580.0, 5534.0, 5635.0, 5544.0, 5411.0, 5291.0, 5564.0, 5625.0, 5429.0, 5340.0, 5513.0, 5390.0, 5652.0, 5299.0, 5671.0, 5349.0, 5446.0, 5316.0, 5486.0, 5539.0, 5333.0, 5384.0, 5521.0, 5360.0, 5701.0, 5472.0, 5688.0, 5657.0, 5624.0, 5638.0, 5267.0, 5642.0, 5582.0 (number of hits: 15)
18	5550	9	1	333	1	5412.0, 5324.0, 5328.0, 5266.0, 5675.0, 5311.0, 5521.0, 5710.0, 5646.0, 5480.0, 5658.0, 5382.0, 5541.0, 5467.0, 5254.0, 5603.0, 5366.0, 5585.0, 5636.0, 5559.0, 5637.0, 5568.0, 5344.0, 5583.0, 5306.0, 5284.0, 5572.0, 5302.0, 5522.0, 5681.0, 5560.0, 5578.0, 5593.0, 5590.0, 5285.0, 5360.0, 5644.0, 5708.0, 5362.0, 5702.0, 5483.0, 5563.0, 5682.0, 5317.0, 5288.0, 5657.0, 5352.0, 5623.0, 5643.0, 5391.0, 5364.0, 5549.0, 5676.0, 5666.0, 5432.0, 5650.0, 5592.0, 5722.0, 5498.0, 5456.0, 5524.0, 5558.0, 5290.0, 5679.0, 5647.0, 5387.0, 5272.0, 5640.0, 5453.0, 5697.0, 5489.0, 5678.0, 5482.0, 5252.0, 5294.0, 5320.0, 5615.0, 5724.0, 5652.0, 5405.0, 5576.0, 5639.0, 5430.0, 5431.0, 5426.0, 5383.0, 5587.0, 5326.0, 5499.0, 5501.0, 5347.0, 5686.0, 5388.0, 5343.0, 5359.0, 5619.0, 5634.0, 5355.0, 5670.0, 5631.0 (number of hits: 7)
19	5550	9	1	333	1	5458.0, 5449.0, 5613.0, 5672.0, 5719.0, 5587.0, 5643.0, 5709.0, 5710.0, 5346.0, 5347.0, 5704.0, 5320.0, 5494.0, 5297.0, 5417.0, 5529.0, 5252.0, 5258.0, 5576.0, 5516.0, 5282.0, 5502.0, 5567.0, 5498.0, 5452.0, 5256.0, 5387.0, 5362.0, 5638.0, 5405.0, 5622.0, 5269.0, 5612.0, 5483.0, 5475.0, 5499.0, 5298.0, 5674.0, 5432.0, 5285.0, 5701.0, 5294.0, 5427.0, 5448.0, 5657.0, 5665.0, 5619.0, 5279.0, 5698.0, 5511.0, 5570.0, 5706.0, 5471.0, 5696.0, 5455.0, 5703.0, 5489.0, 5604.0, 5440.0, 5636.0, 5635.0, 5495.0, 5422.0, 5649.0, 5501.0, 5267.0, 5722.0, 5396.0, 5457.0, 5317.0, 5602.0, 5454.0, 5606.0, 5259.0, 5667.0, 5546.0, 5473.0, 5503.0, 5507.0, 5333.0, 5372.0, 5526.0, 5684.0, 5723.0, 5359.0, 5424.0, 5520.0, 5438.0, 5481.0, 5470.0, 5262.0, 5309.0, 5673.0, 5591.0, 5680.0, 5468.0, 5569.0, 5695.0, 5580.0 (number of hits: 3)
20	5550	9	1	333	1	5444.0, 5566.0, 5647.0, 5525.0, 5556.0, 5696.0, 5721.0, 5434.0, 5588.0, 5698.0, 5483.0, 5330.0, 5470.0, 5508.0, 5700.0, 5323.0, 5409.0, 5402.0, 5329.0, 5707.0, 5423.0, 5626.0, 5677.0, 5497.0, 5631.0, 5491.0, 5465.0, 5522.0, 5363.0, 5691.0, 5290.0, 5650.0, 5467.0, 5357.0, 5587.0, 5401.0, 5400.0, 5280.0, 5309.0, 5661.0,

						5704.0, 5352.0, 5266.0, 5513.0, 5293.0, 5441.0, 5512.0, 5675.0, 5644.0, 5578.0, 5322.0, 5723.0, 5417.0, 5382.0, 5535.0, 5514.0, 5598.0, 5343.0, 5420.0, 5403.0, 5710.0, 5486.0, 5670.0, 5354.0, 5612.0, 5669.0, 5422.0, 5424.0, 5256.0, 5321.0, 5645.0, 5431.0, 5446.0, 5603.0, 5305.0, 5428.0, 5541.0, 5622.0, 5606.0, 5421.0, 5327.0, 5618.0, 5300.0, 5597.0, 5480.0, 5356.0, 5641.0, 5283.0, 5494.0, 5410.0, 5638.0, 5413.0, 5358.0, 5593.0, 5683.0, 5367.0, 5326.0, 5690.0, 5433.0, 5538.0 (number of hits: 5)
21	5550	9	1	333	1	5478.0, 5682.0, 5495.0, 5688.0, 5361.0, 5684.0, 5596.0, 5271.0, 5357.0, 5601.0, 5677.0, 5301.0, 5665.0, 5468.0, 5378.0, 5580.0, 5681.0, 5259.0, 5647.0, 5579.0, 5660.0, 5328.0, 5534.0, 5299.0, 5284.0, 5408.0, 5655.0, 5707.0, 5523.0, 5384.0, 5356.0, 5578.0, 5627.0, 5694.0, 5287.0, 5373.0, 5547.0, 5254.0, 5429.0, 5442.0, 5433.0, 5680.0, 5615.0, 5582.0, 5543.0, 5568.0, 5632.0, 5333.0, 5349.0, 5515.0, 5443.0, 5406.0, 5622.0, 5614.0, 5260.0, 5525.0, 5656.0, 5657.0, 5521.0, 5274.0, 5372.0, 5664.0, 5486.0, 5307.0, 5266.0, 5643.0, 5718.0, 5620.0, 5497.0, 5447.0, 5454.0, 5490.0, 5389.0, 5430.0, 5463.0, 5597.0, 5273.0, 5603.0, 5697.0, 5685.0, 5448.0, 5556.0, 5701.0, 5440.0, 5350.0, 5724.0, 5252.0, 5651.0, 5567.0, 5650.0, 5366.0, 5522.0, 5292.0, 5387.0, 5673.0, 5277.0, 5506.0, 5541.0, 5418.0, 5719.0 (number of hits: 7)
22	5550	9	1	333	1	5577.0, 5331.0, 5513.0, 5435.0, 5511.0, 5392.0, 5526.0, 5273.0, 5458.0, 5256.0, 5341.0, 5634.0, 5327.0, 5467.0, 5427.0, 5525.0, 5437.0, 5622.0, 5493.0, 5623.0, 5384.0, 5610.0, 5353.0, 5633.0, 5433.0, 5328.0, 5369.0, 5654.0, 5425.0, 5582.0, 5293.0, 5400.0, 5567.0, 5381.0, 5418.0, 5436.0, 5461.0, 5285.0, 5632.0, 5554.0, 5475.0, 5561.0, 5291.0, 5446.0, 5280.0, 5487.0, 5253.0, 5636.0, 5307.0, 5584.0, 5306.0, 5455.0, 5321.0, 5294.0, 5559.0, 5388.0, 5440.0, 5413.0, 5553.0, 5602.0, 5528.0, 5551.0, 5536.0, 5629.0, 5343.0, 5699.0, 5698.0, 5438.0, 5656.0, 5382.0, 5678.0, 5679.0, 5709.0, 5267.0, 5441.0, 5330.0, 5351.0, 5366.0, 5702.0, 5386.0, 5664.0, 5424.0, 5364.0, 5657.0, 5490.0, 5519.0, 5422.0, 5712.0, 5448.0, 5560.0, 5466.0, 5611.0, 5625.0, 5340.0, 5443.0, 5298.0, 5324.0, 5716.0, 5693.0, 5672.0 (number of hits: 8)
23	5550	9	1	333	1	5566.0, 5343.0, 5347.0, 5722.0, 5504.0, 5338.0, 5488.0, 5562.0, 5512.0, 5634.0, 5255.0, 5291.0, 5294.0, 5395.0, 5404.0, 5592.0, 5260.0, 5468.0, 5531.0, 5564.0,

						5297.0, 5316.0, 5695.0, 5477.0, 5350.0, 5563.0, 5429.0, 5559.0, 5461.0, 5651.0, 5434.0, 5626.0, 5411.0, 5397.0, 5413.0, 5334.0, 5709.0, 5556.0, 5410.0, 5431.0, 5680.0, 5691.0, 5390.0, 5538.0, 5547.0, 5323.0, 5618.0, 5529.0, 5478.0, 5493.0, 5418.0, 5715.0, 5676.0, 5403.0, 5561.0, 5623.0, 5638.0, 5511.0, 5591.0, 5524.0, 5633.0, 5272.0, 5312.0, 5513.0, 5685.0, 5569.0, 5483.0, 5341.0, 5494.0, 5277.0, 5427.0, 5724.0, 5388.0, 5525.0, 5657.0, 5641.0, 5351.0, 5530.0, 5320.0, 5514.0, 5373.0, 5406.0, 5648.0, 5392.0, 5668.0, 5355.0, 5491.0, 5358.0, 5263.0, 5568.0, 5588.0, 5256.0, 5283.0, 5595.0, 5603.0, 5439.0, 5505.0, 5698.0, 5342.0, 5319.0 (number of hits: 13)
24	5550	9	1	333	1	5250.0, 5292.0, 5717.0, 5270.0, 5417.0, 5330.0, 5357.0, 5378.0, 5481.0, 5572.0, 5658.0, 5466.0, 5575.0, 5314.0, 5489.0, 5719.0, 5345.0, 5424.0, 5274.0, 5617.0, 5324.0, 5525.0, 5626.0, 5475.0, 5356.0, 5647.0, 5429.0, 5407.0, 5404.0, 5412.0, 5392.0, 5282.0, 5674.0, 5303.0, 5400.0, 5594.0, 5280.0, 5505.0, 5461.0, 5284.0, 5694.0, 5530.0, 5691.0, 5615.0, 5480.0, 5449.0, 5495.0, 5565.0, 5708.0, 5557.0, 5528.0, 5526.0, 5389.0, 5586.0, 5498.0, 5659.0, 5681.0, 5581.0, 5702.0, 5414.0, 5298.0, 5446.0, 5485.0, 5676.0, 5343.0, 5418.0, 5535.0, 5496.0, 5482.0, 5706.0, 5391.0, 5435.0, 5364.0, 5556.0, 5374.0, 5305.0, 5679.0, 5372.0, 5255.0, 5550.0, 5386.0, 5644.0, 5509.0, 5347.0, 5275.0, 5440.0, 5519.0, 5379.0, 5397.0, 5340.0, 5619.0, 5623.0, 5318.0, 5273.0, 5467.0, 5351.0, 5493.0, 5349.0, 5262.0, 5387.0 (number of hits: 6)
25	5550	9	1	333	1	5716.0, 5380.0, 5517.0, 5394.0, 5598.0, 5294.0, 5447.0, 5586.0, 5692.0, 5531.0, 5419.0, 5463.0, 5350.0, 5452.0, 5721.0, 5400.0, 5496.0, 5715.0, 5344.0, 5313.0, 5494.0, 5665.0, 5342.0, 5588.0, 5671.0, 5578.0, 5341.0, 5681.0, 5285.0, 5627.0, 5670.0, 5628.0, 5293.0, 5362.0, 5465.0, 5580.0, 5382.0, 5467.0, 5611.0, 5374.0, 5501.0, 5404.0, 5689.0, 5426.0, 5612.0, 5269.0, 5497.0, 5505.0, 5650.0, 5354.0, 5428.0, 5643.0, 5663.0, 5556.0, 5708.0, 5674.0, 5605.0, 5647.0, 5512.0, 5273.0, 5431.0, 5425.0, 5683.0, 5252.0, 5565.0, 5549.0, 5543.0, 5278.0, 5402.0, 5458.0, 5420.0, 5275.0, 5499.0, 5438.0, 5298.0, 5535.0, 5629.0, 5454.0, 5680.0, 5614.0, 5724.0, 5593.0, 5653.0, 5347.0, 5503.0, 5581.0, 5646.0, 5500.0, 5644.0, 5571.0, 5263.0, 5301.0, 5522.0, 5720.0, 5339.0, 5573.0, 5266.0, 5279.0, 5688.0, 5286.0 (number of hits: 6)

26	5550	9	1	333	1	5431.0, 5575.0, 5423.0, 5289.0, 5542.0, 5414.0, 5298.0, 5527.0, 5491.0, 5440.0, 5267.0, 5458.0, 5579.0, 5629.0, 5477.0, 5480.0, 5580.0, 5418.0, 5468.0, 5665.0, 5283.0, 5293.0, 5356.0, 5452.0, 5659.0, 5655.0, 5624.0, 5560.0, 5536.0, 5664.0, 5344.0, 5371.0, 5278.0, 5628.0, 5690.0, 5325.0, 5272.0, 5301.0, 5712.0, 5372.0, 5361.0, 5266.0, 5551.0, 5689.0, 5597.0, 5387.0, 5489.0, 5576.0, 5309.0, 5504.0, 5407.0, 5599.0, 5615.0, 5282.0, 5434.0, 5645.0, 5529.0, 5718.0, 5544.0, 5666.0, 5454.0, 5399.0, 5475.0, 5417.0, 5303.0, 5641.0, 5316.0, 5464.0, 5338.0, 5578.0, 5585.0, 5698.0, 5539.0, 5337.0, 5412.0, 5366.0, 5506.0, 5619.0, 5300.0, 5457.0, 5677.0, 5478.0, 5479.0, 5605.0, 5608.0, 5353.0, 5526.0, 5318.0, 5385.0, 5463.0, 5444.0, 5548.0, 5292.0, 5592.0, 5630.0, 5296.0, 5552.0, 5437.0, 5646.0, 5554.0 (number of hits: 9)
27	5550	9	1	333	1	5585.0, 5461.0, 5504.0, 5514.0, 5434.0, 5598.0, 5300.0, 5360.0, 5640.0, 5284.0, 5532.0, 5515.0, 5682.0, 5496.0, 5436.0, 5648.0, 5545.0, 5517.0, 5623.0, 5393.0, 5428.0, 5383.0, 5624.0, 5713.0, 5620.0, 5313.0, 5575.0, 5489.0, 5685.0, 5512.0, 5481.0, 5547.0, 5285.0, 5617.0, 5454.0, 5490.0, 5692.0, 5328.0, 5359.0, 5579.0, 5589.0, 5269.0, 5610.0, 5694.0, 5321.0, 5690.0, 5647.0, 5337.0, 5631.0, 5668.0, 5487.0, 5686.0, 5462.0, 5689.0, 5474.0, 5691.0, 5366.0, 5584.0, 5451.0, 5635.0, 5476.0, 5295.0, 5347.0, 5601.0, 5498.0, 5309.0, 5379.0, 5376.0, 5592.0, 5251.0, 5664.0, 5420.0, 5525.0, 5513.0, 5618.0, 5700.0, 5429.0, 5382.0, 5715.0, 5384.0, 5531.0, 5501.0, 5555.0, 5319.0, 5480.0, 5305.0, 5326.0, 5340.0, 5415.0, 5324.0, 5537.0, 5386.0, 5662.0, 5551.0, 5676.0, 5440.0, 5287.0, 5409.0, 5701.0, 5448.0 (number of hits: 7)
28	5550	9	1	333	1	5507.0, 5423.0, 5364.0, 5580.0, 5547.0, 5629.0, 5280.0, 5432.0, 5679.0, 5717.0, 5527.0, 5496.0, 5485.0, 5643.0, 5273.0, 5669.0, 5406.0, 5377.0, 5604.0, 5354.0, 5506.0, 5691.0, 5270.0, 5522.0, 5584.0, 5266.0, 5424.0, 5398.0, 5540.0, 5395.0, 5563.0, 5355.0, 5253.0, 5632.0, 5434.0, 5568.0, 5542.0, 5278.0, 5636.0, 5666.0, 5588.0, 5486.0, 5706.0, 5714.0, 5548.0, 5283.0, 5363.0, 5326.0, 5308.0, 5480.0, 5713.0, 5688.0, 5446.0, 5487.0, 5394.0, 5350.0, 5515.0, 5592.0, 5490.0, 5543.0, 5279.0, 5675.0, 5396.0, 5483.0, 5577.0, 5313.0, 5426.0, 5708.0, 5549.0, 5401.0, 5702.0, 5630.0, 5612.0, 5332.0, 5484.0, 5651.0, 5397.0, 5429.0, 5448.0, 5387.0, 5561.0, 5520.0, 5718.0, 5409.0, 5286.0,

						5421.0, 5309.0, 5453.0, 5372.0, 5262.0, 5698.0, 5586.0, 5661.0, 5304.0, 5462.0, 5560.0, 5410.0, 5550.0, 5646.0, 5694.0 (number of hits: 11)
29	5550	9	1	333	1	5598.0, 5267.0, 5701.0, 5287.0, 5626.0, 5501.0, 5284.0, 5575.0, 5538.0, 5274.0, 5636.0, 5507.0, 5354.0, 5631.0, 5344.0, 5380.0, 5462.0, 5362.0, 5677.0, 5431.0, 5459.0, 5259.0, 5612.0, 5639.0, 5468.0, 5719.0, 5278.0, 5461.0, 5311.0, 5292.0, 5262.0, 5286.0, 5556.0, 5669.0, 5710.0, 5251.0, 5537.0, 5441.0, 5254.0, 5495.0, 5565.0, 5266.0, 5658.0, 5722.0, 5568.0, 5617.0, 5283.0, 5619.0, 5648.0, 5582.0, 5340.0, 5591.0, 5547.0, 5561.0, 5687.0, 5497.0, 5359.0, 5569.0, 5604.0, 5511.0, 5605.0, 5609.0, 5693.0, 5446.0, 5509.0, 5603.0, 5290.0, 5285.0, 5258.0, 5532.0, 5707.0, 5621.0, 5660.0, 5549.0, 5413.0, 5647.0, 5695.0, 5640.0, 5570.0, 5334.0, 5304.0, 5577.0, 5368.0, 5404.0, 5335.0, 5483.0, 5443.0, 5580.0, 5324.0, 5382.0, 5689.0, 5355.0, 5581.0, 5357.0, 5607.0, 5252.0, 5566.0, 5686.0, 5654.0, 5465.0 (number of hits: 11)
30	5550	9	1	333	1	5550.0, 5476.0, 5407.0, 5667.0, 5320.0, 5333.0, 5501.0, 5301.0, 5418.0, 5694.0, 5705.0, 5654.0, 5528.0, 5623.0, 5655.0, 5442.0, 5398.0, 5258.0, 5467.0, 5618.0, 5386.0, 5464.0, 5345.0, 5309.0, 5294.0, 5686.0, 5440.0, 5426.0, 5325.0, 5532.0, 5431.0, 5659.0, 5722.0, 5723.0, 5601.0, 5543.0, 5578.0, 5704.0, 5423.0, 5493.0, 5370.0, 5404.0, 5574.0, 5349.0, 5267.0, 5698.0, 5290.0, 5720.0, 5427.0, 5266.0, 5569.0, 5250.0, 5586.0, 5635.0, 5388.0, 5382.0, 5414.0, 5577.0, 5304.0, 5376.0, 5590.0, 5259.0, 5335.0, 5542.0, 5348.0, 5355.0, 5555.0, 5531.0, 5646.0, 5716.0, 5397.0, 5352.0, 5438.0, 5264.0, 5640.0, 5319.0, 5699.0, 5611.0, 5396.0, 5685.0, 5437.0, 5563.0, 5271.0, 5568.0, 5275.0, 5505.0, 5420.0, 5561.0, 5364.0, 5524.0, 5669.0, 5554.0, 5443.0, 5361.0, 5602.0, 5470.0, 5533.0, 5330.0, 5600.0, 5536.0 (number of hits: 13)

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	90 %	60%	Pass
Type 4	30	83.3 %	60%	Pass
Aggregate (Type1 to 4)	120	93.33 %	80%	Pass
Type 5	30	93.3 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

5290 MHz, 80 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	5530	61	1	878	1
2	5530	62	1	858	1
3	5530	70	1	758	1
4	5530	63	1	838	1
5	5530	78	1	678	1
6	5530	102	1	518	1
7	5530	86	1	618	1
8	5530	59	1	898	1
9	5530	76	1	698	1
10	5530	83	1	638	1
11	5530	68	1	778	1
12	5530	58	1	918	1
13	5530	65	1	818	1
14	5530	95	1	558	1
15	5530	72	1	738	1
16	5530	68	1	780	1
17	5530	23	1	2378	1
18	5530	27	1	1981	1
19	5530	57	1	933	1
20	5530	34	1	1559	1
21	5530	46	1	1156	1
22	5530	63	1	841	1
23	5530	22	1	2442	1
24	5530	51	1	1046	1
25	5530	102	1	520	1
26	5530	66	1	810	1
27	5530	71	1	752	1
28	5530	27	1	1957	1
29	5530	19	1	2807	1
30	5530	19	1	2868	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	26	2	199	1
2	5530	27	3.6	187	1
3	5530	26	4.3	183	1
4	5530	25	4	150	1
5	5530	29	3.7	181	1
6	5530	23	4.7	175	1
7	5530	26	3.2	228	1
8	5530	26	1.4	225	1
9	5530	23	1.1	196	1
10	5530	27	4.6	218	1
11	5530	29	4	154	1
12	5530	29	3.2	190	1
13	5530	28	2.6	202	1
14	5530	25	3	197	1
15	5530	28	2.2	180	1
16	5530	29	1.9	227	1
17	5530	26	4.4	174	1
18	5530	28	3.6	170	1
19	5530	27	3.1	199	1
20	5530	23	4.9	208	1
21	5530	28	2.7	162	1
22	5530	26	2	175	1
23	5530	27	2.7	179	1
24	5530	23	4.2	223	1
25	5530	27	2.5	175	1
26	5530	25	4.3	159	1
27	5530	23	2.7	221	1
28	5530	23	1.6	196	1
29	5530	29	2.7	167	1
30	5530	26	3.8	152	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	18	9.7	344	1
2	5530	16	6.9	251	1
3	5530	18	7.1	407	1
4	5530	18	9.1	207	1
5	5530	16	6	245	1
6	5530	18	6.8	216	0
7	5530	16	7.4	303	1
8	5530	16	7.1	407	1
9	5530	16	7.4	384	1
10	5530	17	7.6	412	1
11	5530	16	9.6	426	1
12	5530	16	6.8	421	1
13	5530	16	8.4	218	0
14	5530	16	9.5	272	1
15	5530	17	6.3	246	1
16	5530	16	8.8	446	1
17	5530	16	8.2	384	1
18	5530	18	8.7	289	1
19	5530	18	8.4	202	1
20	5530	17	8.9	491	1
21	5530	17	6.9	490	1
22	5530	18	7	465	1
23	5530	18	8.1	439	1
24	5530	17	7.6	222	0
25	5530	16	9.6	277	1
26	5530	17	9.7	353	1
27	5530	17	7.5	329	1
28	5530	17	6.5	420	1
29	5530	18	6	477	1
30	5530	16	6.1	383	1
Detection Percentage: 90 % (>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	13.7	235	1
2	5530	16	17.8	233	1
3	5530	15	14.2	266	1
4	5530	16	13.5	386	1
5	5530	13	16.9	331	1
6	5530	12	15.7	225	0
7	5530	16	12.1	410	1
8	5530	15	17.3	336	1
9	5530	15	11.5	460	1
10	5530	16	13.4	216	0
11	5530	14	12.4	312	1
12	5530	14	18.7	231	0
13	5530	16	16.1	402	1
14	5530	15	19.2	241	1
15	5530	13	14.1	368	1
16	5530	12	13.5	362	1
17	5530	16	14.6	262	1
18	5530	16	11.7	374	1
19	5530	12	15.6	433	1
20	5530	13	20	468	1
21	5530	15	12.3	421	1
22	5530	14	16.9	221	1
23	5530	14	19.9	420	1
24	5530	15	16	254	1
25	5530	14	11.6	460	0
26	5530	13	12	255	1
27	5530	15	13.7	398	1
28	5530	14	18.3	479	0
29	5530	16	13.4	250	1
30	5530	14	11.2	348	1
Detection Percentage: 83.3 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5530	1
2	5530	1
3	5530	0
4	5530	1
5	5530	1
6	5530	1
7	5530	1
8	5530	1
9	5530	1
10	5530	0
11	5278.2	1
12	5276.2	1
13	5278.2	1
14	5277.4	1
15	5276.6	1
16	5273	1
17	5273.8	1
18	5277	1
19	5274.2	1
20	5279	1
21	5285.4	1
22	5285	1
23	5283	1
24	5284.2	1
25	5286.2	1
26	5282.2	1
27	5282.2	1
28	5284.6	1
29	5282.6	1
30	5285.8	1
Detection Percentage: 93.3 % (>80%)		

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	8	66.6			1.079841	
1	2	8	53.1	1557		1.786556	
2	3	8	63.5	1482	1404	3.536173	
3	1	8	64.5			4.053324	
4	2	8	66.4	1978		5.396155	1
5	2	8	78.3	1557		6.888083	
6	2	8	93.5	1117		8.624465	
7	2	8	83.3	1259		9.98427	
8	2	8	70.2	1558		11.586041	

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	3	14	75.7	1406	1017	0.245291	
1	1	14	83.3			1.453409	
2	2	14	69.5	1500		1.895215	
3	3	14	92.5	1259	1807	2.508617	
4	2	14	66.5	1902		3.243434	
5	2	14	66.3	1922		4.140189	
6	2	14	51.6	1320		5.058152	
7	2	14	80.9	1998		6.334968	1
8	1	14	64.1			7.046716	
9	2	14	94.8	1113		7.647172	
10	2	14	59.1	1579		8.505538	
11	2	14	82	1179		9.112401	
12	3	14	86.9	1670	1883	9.887503	
13	2	14	96.9	1482		11.177296	
14	2	14	68	1116		11.426429	

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	7	74.8	1952	1304	0.169881	
1	1	7	89.3			0.6684	
2	1	7	91.9			1.344544	
3	1	7	90.6			2.000922	
4	2	7	65.2	1364		2.689791	
5	2	7	86.9	1635		3.721847	
6	3	7	96.2	1062	2000	4.238082	
7	1	7	91.4			5.033024	
8	3	7	54	1082	1291	5.214325	
9	2	7	84.2	1749		5.95864	0
10	1	7	53.3			6.463478	
11	3	7	78.2	1377	1843	7.372093	
12	3	7	58.3	1883	1394	8.169095	
13	2	7	54.7	1973		8.424613	
14	3	7	87.9	1226	1272	9.088635	
15	1	7	96.6			9.743835	
16	2	7	64.5	1189		10.413452	
17	2	7	58.1	1758		10.764133	
18	1	7	77.4			11.623313	

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	19	68.7	1508		1.432845	
1	3	19	86.9	1276	1514	2.301187	
2	2	19	52.5	1076		3.962111	
3	1	19	80.7			5.476294	
4	1	19	91.7			6.894294	1
5	3	19	81.7	1500	1159	8.103579	
6	1	19	53.5			9.130712	
7	3	19	97.2	1045	1360	10.784031	

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	16	54.3			0.349978	1
1	1	16	57			1.693839	
2	2	16	86	1740		1.898662	
3	2	16	72.8	1052		2.79322	
4	2	16	76.2	1409		3.581757	
5	1	16	77.6			4.70555	
6	3	16	58.8	1140	1453	5.857507	
7	3	16	74.8	1305	1927	6.685334	
8	1	16	97.7			7.431221	
9	1	16	63.6			8.165655	
10	2	16	75.3	1440		9.147439	
11	1	16	75.5			10.181038	
12	2	16	71.7	1986		10.308303	
13	3	16	66.8	1026	1968	11.953674	

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	6	60.9			0.246052	1
1	2	6	73.2	1694		0.798895	
2	2	6	68.8	1834		2.159091	
3	3	6	87.8	1515	1794	2.884705	
4	1	6	79.2			3.519517	
5	2	6	98.2	1027		3.881235	
6	1	6	60.7			4.867687	
7	2	6	53.6	1432		5.414455	
8	2	6	73.9	1416		6.463124	
9	3	6	82.2	1062	1956	6.869434	
10	1	6	99.6			8.158077	
11	1	6	58.8			8.399619	
12	2	6	85	1071		9.45212	
13	3	6	95	1335	1570	10.165193	
14	2	6	89	1459		10.519277	
15	3	6	76	1223	1698	11.317645	

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	7	94.3	1826		0.785243	1
1	3	7	94.7	1213	1939	1.214158	
2	3	7	56.2	1090	1900	1.943528	
3	1	7	97.6			2.727116	
4	3	7	63.4	1654	1149	3.237365	
5	2	7	58.3	1567		4.323959	
6	2	7	83.1	1823		4.957703	
7	1	7	91.2			6.248257	
8	3	7	78.7	1352	1994	6.998809	
9	2	7	65.4	1861		7.232876	
10	2	7	62.6	1951		8.598172	
11	2	7	93.5	1884		9.579967	
12	1	7	57.8			10.005551	
13	1	7	68.1			10.49645	
14	2	7	67	1704		11.894669	

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	15	72	1200	1172	0.537213	
1	1	15	76			0.951049	
2	1	15	75			1.628405	
3	2	15	63.5	1031		2.225932	
4	2	15	72.1	1685		2.819026	
5	1	15	79.5			3.566924	
6	3	15	84.7	1402	1086	4.078537	
7	1	15	50.6			4.397558	
8	3	15	91.3	1694	1702	4.896392	
9	2	15	93.2	1566		5.52529	
10	2	15	63.4	1859		6.041825	1
11	3	15	92.3	1896	1809	6.683734	
12	2	15	83.5	1187		7.761854	
13	2	15	88.1	1246		8.016351	
14	1	15	84.4			8.516037	
15	1	15	69.7			9.534746	
16	2	15	84.1	1621		9.814721	
17	2	15	79.6	1091		10.645009	
18	2	15	83.2	1724		11.091793	
19	3	15	73.5	1018	1617	11.755571	

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	15	50.8			0.033783	1
1	2	15	82.5	1762		0.825044	
2	1	15	68.9			1.740273	
3	3	15	62	1303	1514	2.753348	
4	2	15	54.8	1581		3.262587	
5	1	15	50.9			3.926431	
6	1	15	54.6			5.124989	
7	1	15	55.4			5.862653	
8	3	15	59.4	1523	1347	6.385434	
9	1	15	94.6			6.864592	
10	2	15	63.5	1706		7.868188	
11	2	15	73.4	1102		8.759323	
12	2	15	83.7	1552		9.020245	
13	3	15	81.9	1066	1786	10.132511	
14	3	15	74.2	1938	1057	10.837508	
15	2	15	64.1	1828		11.815114	

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	3	8	60.8	1285	1483	0.334345	0
1	3	8	72.4	1673	1618	1.117382	
2	3	8	79.7	1115	1296	2.005949	
3	3	8	76.7	1362	1593	3.024483	
4	2	8	93.4	1008		3.518985	
5	2	8	59.8	1312		4.56963	
6	1	8	81.8			5.246501	
7	3	8	76.5	1636	1095	5.712428	
8	3	8	51.5	1809	1917	6.500511	
9	3	8	80.5	1150	1669	7.62846	
10	3	8	78.8	1424	1776	8.196673	
11	1	8	62.9			8.968241	
12	2	8	89.8	1689		9.883981	
13	2	8	76.4	1830		10.612955	
14	2	8	54.8	1799		11.431908	

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	8	97.5	1943	1260	0.129758	1
1	3	8	89.6	1537	1613	1.445121	
2	3	8	90.3	1587	1973	2.317594	
3	3	8	58.3	1309	1322	4.332224	
4	2	8	95.5	1408		5.378486	
5	2	8	84.4	1397		5.974593	
6	2	8	68.2	1542		6.868429	
7	3	8	53.3	1183	1221	8.091442	
8	3	8	76.1	1639	1737	8.993261	
9	2	8	60.3	1477		10.22947	
10	1	8	76.1			11.851185	

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	94.4	1366		0.264248	1
1	3	15	77	1568	1551	2.308053	
2	1	15	55.3			3.690744	
3	2	15	55.3	1333		4.85399	
4	1	15	70.1			6.025663	
5	3	15	99.7	1692	1055	8.677171	
6	3	15	56.9	1521	1610	9.760236	
7	3	15	67.4	1525	1408	10.704371	

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	13	64.1	1460		0.700795	
1	2	13	66.7	1283		1.444802	
2	2	13	50.8	1668		2.449811	
3	3	13	85.3	1024	1917	3.74378	
4	3	13	63	1461	1155	5.117825	
5	1	13	65.1			5.634623	1
6	2	13	99.6	1323		7.483388	
7	2	13	82.6	1493		8.160899	
8	2	13	97.1	1149		9.062006	
9	1	13	97.9			9.954738	
10	3	13	60.7	1561	1074	10.925468	

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	10	85.3	1067	1003	0.568292	
1	3	10	82.2	1452	1410	1.457338	
2	2	10	54.1	1135		1.611481	
3	2	10	94.5	1813		2.759666	
4	2	10	56.3	1894		3.675242	
5	3	10	79.3	1312	1690	4.045025	
6	1	10	58.9			4.944012	
7	2	10	88.1	1851		5.842948	
8	2	10	50.1	1541		6.460192	1
9	1	10	89.4			7.197886	
10	2	10	88.7	1431		7.684892	
11	2	10	97.2	1172		8.386544	
12	2	10	93.9	1165		9.494304	
13	3	10	80.3	1660	1849	9.795469	
14	2	10	79.7	1885		10.822032	
15	3	10	85.8	1527	1218	11.981087	

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	17	96.1	1898	1254	0.64756	
1	2	17	63.3	1670		1.319958	
2	3	17	57	1890	1665	2.495594	
3	1	17	81.8			3.213248	
4	3	17	56.9	1662	1151	4.278548	
5	3	17	85.4	1748	1926	5.361704	
6	3	17	83.8	1408	1551	5.871784	1
7	2	17	79.6	1247		7.253863	
8	3	17	82.6	1444	1314	7.793314	
9	3	17	85.1	1171	1537	9.192187	
10	3	17	78.4	1059	1479	9.887767	
11	2	17	63.9	1988		10.929471	
12	1	17	94.4			11.574132	

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	17	88.2	1964	1536	0.017689	
1	2	17	87	1535		0.955901	
2	2	17	85.8	1891		1.728081	
3	2	17	77	1295		1.947265	
4	2	17	53.4	1723		3.091198	
5	1	17	97.8			3.407325	
6	2	17	93.3	1647		4.033135	
7	3	17	52.6	1653	1608	4.502278	
8	3	17	80.3	1718	1624	5.508541	
9	2	17	92.6	1946		5.952963	1
10	3	17	58.4	1394	1428	6.596988	
11	3	17	76.9	1455	1440	7.333625	
12	1	17	90.3			8.051921	
13	2	17	58.3	1590		8.610132	
14	1	17	87.1			8.905034	
15	2	17	71.9	1725		9.986145	
16	2	17	88.9	1543		10.566927	
17	2	17	75.3	1037		11.314097	
18	2	17	64.8	1834		11.76749	

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	19	78.4			0.575033	
1	1	19	95.6			0.640424	
2	1	19	55.9			1.770069	
3	3	19	52.5	1881	1207	2.456578	
4	2	19	75.3	1646		3.118454	
5	1	19	71			3.559652	
6	2	19	72.8	1958		4.003775	
7	3	19	51.8	1453	1338	4.707563	
8	1	19	65.6			5.620473	
9	1	19	96.3			5.710747	1
10	3	19	66	1591	1074	6.401328	
11	2	19	58	1600		7.250168	
12	2	19	91.9	1226		7.98737	
13	3	19	50.1	1083	1560	8.290185	
14	2	19	59.6	1107		8.89082	
15	1	19	54.4			9.860439	
16	1	19	86.9			10.302617	
17	2	19	73.8	1286		11.286718	
18	2	19	75.3	1834		11.757338	

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	3	20	83.6	1103	1716	1.125344	
1	1	20	97.4			1.211621	
2	1	20	61.6			3.545571	
3	2	20	60.2	1436		4.014534	
4	1	20	72.8			5.956074	
5	1	20	97.5			6.086603	1
6	2	20	58.8	1332		8.236257	
7	3	20	73.3	1299	1404	8.484056	
8	2	20	54.5	1682		10.14865	
9	1	20	61.4			11.408619	

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	8	81.9	1128		0.5937	
1	3	8	80.6	1812	1765	0.858676	
2	1	8	56.3			1.546043	
3	2	8	73.2	1385		2.28777	
4	1	8	85.1			3.007085	
5	3	8	55.1	1836	1010	3.375795	
6	2	8	74.7	1516		3.870699	
7	1	8	72.7			4.882583	
8	2	8	85.6	1254		5.345711	
9	1	8	99.8			5.739608	1
10	2	8	76.6	1488		6.930351	
11	1	8	83.1			7.231077	
12	3	8	75.1	1977	1977	7.77377	
13	1	8	97			8.682335	
14	2	8	83.5	1267		9.017021	
15	1	8	92.6			9.798395	
16	2	8	75.1	1962		10.290075	
17	1	8	63.3			11.365092	
18	2	8	98	1808		11.429711	

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	1	14	63.6			0.036569	
1	2	14	93.1	1222		1.801552	
2	3	14	92.5	1042	1327	2.133014	
3	3	14	68.7	1021	1785	3.200247	
4	1	14	82.3			4.048043	
5	2	14	87.5	1188		5.112013	
6	2	14	73.2	1790		5.842786	1
7	2	14	74.7	1275		6.682488	
8	2	14	59.5	1979		7.647664	
9	2	14	66.5	1836		9.14689	
10	1	14	91.2			9.885549	
11	3	14	95.3	1451	1867	11.029777	
12	3	14	89.8	1227	1618	11.247812	

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	1	18	86			0.459436	1
1	3	18	67.5	1849	1026	1.952016	
2	1	18	75.8			3.467368	
3	2	18	63.9	1709		4.699715	
4	1	18	76.8			5.953042	
5	2	18	89.6	1478		6.87272	
6	2	18	91.2	1667		8.341952	
7	2	18	83.8	1456		9.523916	
8	2	18	74.1	1486		9.78798	
9	3	18	52.1	1598	1161	11.178256	

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	6	78.7	1116	1643	0.169761	1
1	3	6	97.6	1193	1873	1.096331	
2	2	6	87.4	1590		1.490532	
3	2	6	69.8	1307		2.568927	
4	3	6	63.8	1742	1497	3.517169	
5	1	6	57.4			4.027929	
6	1	6	80.3			4.650745	
7	1	6	76.2			5.283564	
8	1	6	52.1			6.032278	
9	3	6	67.9	1760	1493	6.511631	
10	1	6	66.5			7.297773	
11	2	6	85.2	1747		8.398473	
12	2	6	98.5	1698		8.99622	
13	1	6	74.2			9.871573	
14	1	6	83.3			10.426755	
15	1	6	90.1			10.984435	
16	2	6	96.6	1686		11.372894	

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	12	80.5			0.502154	
1	3	12	67.7	1172	1043	0.990628	
2	2	12	64.2	1361		2.256911	
3	2	12	91.1	1151		2.995219	
4	2	12	92.8	1609		4.195871	
5	2	12	74.8	1935		5.068498	
6	2	12	87.6	1034		6.014635	1
7	2	12	70.9	1660		6.695672	
8	2	12	98	1272		7.650909	
9	2	12	53.2	1847		8.672388	
10	2	12	89.6	1005		9.677585	
11	1	12	70.6			10.803002	
12	3	12	96.2	1751	1105	11.760581	

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	17	99.2	1281	1407	0.878905	
1	2	17	52.6	1822		1.268375	
2	3	17	91.2	1524	1417	2.458566	
3	2	17	69	1501		2.868989	
4	2	17	68.9	1260		4.245781	
5	1	17	76.1			5.033815	
6	2	17	54.6	1406		6.133204	1
7	3	17	51.8	1764	1930	7.303526	
8	1	17	99.5			7.86397	
9	2	17	72.4	1730		8.355789	
10	2	17	65.6	1077		9.510269	
11	3	17	58.3	1294	1260	10.994674	
12	2	17	86.3	1710		11.341019	

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	16	79.9	1236		0.039126	
1	2	16	93.3	1609		1.232665	
2	1	16	75.2			2.149983	
3	2	16	59.2	1888		3.744791	
4	2	16	54.5	1324		4.11655	
5	3	16	76.7	1792	1817	5.651175	1
6	2	16	96	1019		6.436651	
7	1	16	60.9			7.232085	
8	1	16	75.2			8.127988	
9	2	16	64.1	1215		9.05985	
10	2	16	86.2	1663		10.307788	
11	3	16	99.4	1601	1907	11.275751	

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	12	76.1			0.357052	
1	1	12	65.6			1.074279	
2	2	12	87.9	1966		1.423045	
3	2	12	91	1283		1.930468	
4	2	12	72.7	1468		2.869171	
5	1	12	97.2			3.785582	
6	2	12	71.9	1104		4.101199	
7	2	12	87.9	1923		4.732236	
8	2	12	98.7	1561		5.159217	
9	2	12	89.7	1179		5.86639	1
10	2	12	89.2	1729		6.930868	
11	2	12	92	1776		7.123046	
12	1	12	76.6			8.171215	
13	3	12	69.5	1007	1455	8.299953	
14	2	12	63.2	1128		9.417603	
15	2	12	72.6	2000		9.508895	
16	1	12	88.3			10.163857	
17	1	12	93			11.242232	
18	3	12	75.8	1744	1575	11.458238	

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	9	59.9	1973		0.686428	1
1	2	9	56.9	1307		0.90367	
2	1	9	80.5			2.198454	
3	1	9	50.9			2.767648	
4	3	9	99.7	1941	1652	3.847451	
5	2	9	64.8	1455		4.923717	
6	1	9	75.4			5.931697	
7	1	9	78.4			6.307147	
8	3	9	73.5	1514	1513	7.218123	
9	1	9	84.8			8.041496	
10	1	9	86.9			8.809688	
11	2	9	50.3	1009		9.54304	
12	2	9	54.6	1978		10.322366	
13	3	9	56.2	1044	1944	11.324211	

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	11	72.7	1535		0.298044	1
1	2	11	94.1	1034		1.871626	
2	2	11	87.3	1144		2.250556	
3	2	11	56.9	1304		4.329836	
4	1	11	66.8			5.425584	
5	2	11	59.5	1911		6.307529	
6	3	11	51.5	1623	1120	7.489136	
7	2	11	69	1127		8.485688	
8	1	11	85.7			9.491896	
9	1	11	63.3			10.408166	
10	2	11	51.9	1595		11.695906	

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	13	98.2	1264		0.495353	1
1	2	13	88.2	1881		0.952103	
2	3	13	53.7	1170	1170	2.48015	
3	2	13	60.3	1461		3.144857	
4	3	13	77.2	1380	1868	3.942342	
5	2	13	65.8	1152		4.972979	
6	1	13	53.1			5.608844	
7	1	13	88.9			6.62516	
8	2	13	70.2	1365		6.929383	
9	3	13	68.7	1778	1334	8.274963	
10	1	13	63.4			8.964374	
11	2	13	74.4	1344		9.45132	
12	1	13	64.8			10.718476	
13	3	13	60.9	1844	1756	11.176896	

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	12	100			1.286016	1
1	2	12	96.2	1053		2.511309	
2	2	12	65.6	1344		2.857527	
3	2	12	60.2	1417		4.442762	
4	2	12	83.6	1651		6.368102	
5	2	12	52.6	1722		6.772982	
6	2	12	82.1	1616		9.167133	
7	1	12	79.6			10.099924	
8	2	12	80.1	1732		10.693878	

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	5357.0, 5391.0, 5280.0, 5719.0, 5349.0, 5267.0, 5352.0, 5556.0, 5504.0, 5601.0, 5374.0, 5669.0, 5319.0, 5295.0, 5662.0, 5413.0, 5532.0, 5283.0, 5557.0, 5668.0, 5542.0, 5621.0, 5626.0, 5436.0, 5344.0, 5339.0, 5471.0, 5428.0, 5716.0, 5561.0, 5611.0, 5258.0, 5410.0, 5282.0, 5528.0, 5598.0, 5563.0, 5608.0, 5699.0, 5596.0, 5682.0, 5490.0, 5644.0, 5694.0, 5698.0, 5341.0, 5314.0, 5522.0, 5508.0, 5653.0, 5707.0, 5416.0, 5527.0, 5486.0, 5594.0, 5326.0, 5509.0, 5363.0, 5620.0, 5605.0, 5426.0, 5364.0, 5324.0, 5544.0, 5571.0, 5520.0, 5510.0, 5383.0, 5254.0, 5477.0, 5286.0, 5665.0, 5479.0, 5537.0, 5340.0, 5385.0, 5473.0, 5337.0, 5541.0, 5546.0, 5635.0, 5348.0, 5415.0, 5488.0, 5330.0, 5378.0, 5302.0, 5521.0, 5658.0, 5494.0, 5577.0, 5395.0, 5418.0, 5648.0, 5518.0, 5441.0, 5583.0, 5382.0, 5277.0, 5448.0 (number of hits: 22)
2	5530	9	1	333	1	5568.0, 5462.0, 5407.0, 5435.0, 5606.0, 5552.0, 5590.0, 5328.0, 5262.0, 5662.0, 5532.0, 5354.0, 5524.0, 5492.0, 5340.0, 5325.0, 5645.0, 5618.0, 5634.0, 5603.0, 5694.0, 5270.0, 5488.0, 5473.0, 5528.0, 5298.0, 5531.0, 5303.0, 5430.0, 5550.0, 5665.0, 5689.0, 5445.0, 5681.0, 5332.0, 5460.0, 5576.0, 5622.0, 5260.0, 5300.0, 5347.0, 5459.0, 5392.0, 5610.0, 5251.0, 5669.0, 5573.0, 5414.0, 5649.0, 5467.0, 5278.0, 5633.0, 5513.0, 5541.0, 5343.0, 5619.0, 5631.0, 5502.0, 5675.0, 5335.0, 5281.0, 5722.0, 5380.0, 5518.0, 5461.0, 5463.0, 5256.0, 5597.0, 5345.0, 5586.0, 5570.0, 5612.0, 5429.0, 5441.0, 5323.0, 5638.0, 5501.0, 5288.0, 5451.0, 5542.0, 5674.0, 5484.0, 5449.0, 5608.0, 5651.0, 5485.0, 5386.0, 5579.0, 5696.0, 5295.0, 5703.0, 5713.0, 5621.0, 5601.0, 5615.0, 5391.0, 5588.0, 5487.0, 5468.0, 5457.0 (number of hits: 14)
3	5530	9	1	333	1	5643.0, 5552.0, 5609.0, 5366.0, 5486.0, 5369.0, 5628.0, 5265.0, 5665.0, 5415.0, 5424.0, 5566.0, 5330.0, 5586.0, 5381.0, 5626.0, 5419.0, 5637.0, 5644.0, 5336.0, 5380.0, 5388.0, 5297.0, 5470.0, 5715.0, 5588.0, 5391.0, 5615.0, 5363.0, 5296.0, 5262.0, 5340.0, 5546.0, 5457.0, 5314.0, 5521.0, 5269.0, 5640.0, 5599.0, 5600.0, 5487.0, 5312.0, 5435.0, 5412.0, 5473.0, 5373.0, 5702.0, 5610.0, 5497.0, 5645.0, 5494.0, 5370.0, 5343.0, 5697.0, 5591.0,

						5631.0, 5664.0, 5402.0, 5618.0, 5724.0, 5474.0, 5693.0, 5512.0, 5705.0, 5659.0, 5722.0, 5306.0, 5332.0, 5620.0, 5325.0, 5511.0, 5607.0, 5259.0, 5679.0, 5520.0, 5572.0, 5509.0, 5316.0, 5619.0, 5313.0, 5285.0, 5641.0, 5439.0, 5307.0, 5444.0, 5522.0, 5551.0, 5348.0, 5704.0, 5446.0, 5495.0, 5429.0, 5342.0, 5514.0, 5478.0, 5347.0, 5383.0, 5698.0, 5421.0, 5712.0 (number of hits: 14)
4	5530	9	1	333	1	5438.0, 5710.0, 5637.0, 5647.0, 5610.0, 5264.0, 5351.0, 5509.0, 5671.0, 5589.0, 5398.0, 5561.0, 5477.0, 5386.0, 5648.0, 5624.0, 5273.0, 5563.0, 5699.0, 5559.0, 5491.0, 5523.0, 5684.0, 5327.0, 5463.0, 5403.0, 5611.0, 5389.0, 5428.0, 5253.0, 5646.0, 5293.0, 5692.0, 5702.0, 5340.0, 5670.0, 5606.0, 5289.0, 5306.0, 5575.0, 5649.0, 5662.0, 5267.0, 5356.0, 5362.0, 5383.0, 5613.0, 5656.0, 5325.0, 5514.0, 5504.0, 5401.0, 5577.0, 5542.0, 5412.0, 5280.0, 5311.0, 5659.0, 5588.0, 5424.0, 5566.0, 5304.0, 5535.0, 5519.0, 5723.0, 5601.0, 5366.0, 5700.0, 5373.0, 5300.0, 5669.0, 5402.0, 5615.0, 5707.0, 5442.0, 5721.0, 5495.0, 5328.0, 5381.0, 5711.0, 5641.0, 5660.0, 5506.0, 5258.0, 5370.0, 5570.0, 5380.0, 5654.0, 5393.0, 5549.0, 5568.0, 5571.0, 5582.0, 5385.0, 5378.0, 5657.0, 5479.0, 5338.0, 5434.0, 5631.0 (number of hits: 16)
5	5530	9	1	333	1	5544.0, 5463.0, 5488.0, 5697.0, 5657.0, 5472.0, 5458.0, 5446.0, 5306.0, 5601.0, 5471.0, 5720.0, 5526.0, 5638.0, 5288.0, 5642.0, 5494.0, 5422.0, 5283.0, 5331.0, 5503.0, 5693.0, 5388.0, 5296.0, 5546.0, 5634.0, 5673.0, 5278.0, 5527.0, 5338.0, 5622.0, 5600.0, 5325.0, 5706.0, 5272.0, 5695.0, 5581.0, 5253.0, 5536.0, 5356.0, 5712.0, 5629.0, 5665.0, 5501.0, 5321.0, 5555.0, 5711.0, 5275.0, 5368.0, 5584.0, 5701.0, 5339.0, 5509.0, 5371.0, 5264.0, 5689.0, 5576.0, 5366.0, 5683.0, 5523.0, 5314.0, 5723.0, 5379.0, 5329.0, 5547.0, 5608.0, 5483.0, 5436.0, 5427.0, 5496.0, 5266.0, 5522.0, 5487.0, 5538.0, 5713.0, 5681.0, 5327.0, 5531.0, 5333.0, 5512.0, 5429.0, 5703.0, 5588.0, 5589.0, 5459.0, 5644.0, 5667.0, 5548.0, 5684.0, 5254.0, 5466.0, 5386.0, 5646.0, 5451.0, 5328.0, 5409.0, 5573.0, 5545.0, 5303.0, 5656.0 (number of hits: 19)
6	5530	9	1	333	1	5494.0, 5635.0, 5275.0, 5450.0, 5506.0, 5571.0, 5723.0, 5310.0, 5527.0, 5462.0, 5509.0, 5410.0, 5361.0, 5558.0, 5721.0, 5518.0, 5365.0, 5608.0, 5495.0, 5362.0, 5529.0, 5330.0, 5352.0, 5620.0, 5405.0, 5421.0, 5349.0, 5554.0, 5424.0, 5604.0, 5556.0, 5322.0, 5639.0, 5477.0, 5482.0,

						5596.0, 5408.0, 5704.0, 5686.0, 5559.0, 5546.0, 5360.0, 5374.0, 5514.0, 5628.0, 5272.0, 5396.0, 5458.0, 5528.0, 5444.0, 5382.0, 5607.0, 5438.0, 5251.0, 5526.0, 5724.0, 5493.0, 5474.0, 5414.0, 5612.0, 5445.0, 5531.0, 5298.0, 5590.0, 5295.0, 5324.0, 5296.0, 5409.0, 5504.0, 5570.0, 5338.0, 5618.0, 5621.0, 5623.0, 5263.0, 5662.0, 5706.0, 5351.0, 5460.0, 5534.0, 5671.0, 5390.0, 5613.0, 5463.0, 5369.0, 5401.0, 5480.0, 5677.0, 5561.0, 5634.0, 5420.0, 5669.0, 5557.0, 5584.0, 5627.0, 5425.0, 5574.0, 5475.0, 5672.0, 5391.0 (number of hits: 21)
7	5530	9	1	333	1	5486.0, 5428.0, 5329.0, 5662.0, 5517.0, 5611.0, 5513.0, 5421.0, 5377.0, 5672.0, 5580.0, 5610.0, 5495.0, 5660.0, 5699.0, 5369.0, 5403.0, 5431.0, 5685.0, 5691.0, 5333.0, 5394.0, 5643.0, 5516.0, 5441.0, 5675.0, 5255.0, 5545.0, 5378.0, 5464.0, 5645.0, 5627.0, 5563.0, 5723.0, 5625.0, 5518.0, 5254.0, 5340.0, 5570.0, 5686.0, 5640.0, 5355.0, 5551.0, 5549.0, 5447.0, 5669.0, 5434.0, 5358.0, 5300.0, 5539.0, 5714.0, 5427.0, 5415.0, 5540.0, 5396.0, 5380.0, 5308.0, 5603.0, 5524.0, 5360.0, 5330.0, 5497.0, 5721.0, 5448.0, 5583.0, 5671.0, 5527.0, 5342.0, 5526.0, 5263.0, 5684.0, 5457.0, 5454.0, 5693.0, 5622.0, 5621.0, 5456.0, 5270.0, 5291.0, 5400.0, 5351.0, 5507.0, 5293.0, 5636.0, 5635.0, 5566.0, 5704.0, 5541.0, 5680.0, 5325.0, 5712.0, 5596.0, 5512.0, 5313.0, 5687.0, 5419.0, 5555.0, 5626.0, 5273.0, 5562.0 (number of hits: 21)
8	5530	9	1	333	1	5386.0, 5378.0, 5422.0, 5660.0, 5400.0, 5379.0, 5708.0, 5518.0, 5358.0, 5329.0, 5523.0, 5602.0, 5597.0, 5720.0, 5252.0, 5571.0, 5445.0, 5543.0, 5335.0, 5722.0, 5399.0, 5353.0, 5433.0, 5716.0, 5412.0, 5548.0, 5278.0, 5634.0, 5719.0, 5649.0, 5525.0, 5615.0, 5678.0, 5533.0, 5580.0, 5395.0, 5657.0, 5517.0, 5406.0, 5270.0, 5448.0, 5701.0, 5455.0, 5311.0, 5703.0, 5257.0, 5320.0, 5383.0, 5494.0, 5262.0, 5629.0, 5250.0, 5667.0, 5631.0, 5452.0, 5509.0, 5546.0, 5511.0, 5544.0, 5607.0, 5327.0, 5366.0, 5551.0, 5297.0, 5670.0, 5485.0, 5529.0, 5630.0, 5668.0, 5288.0, 5555.0, 5442.0, 5449.0, 5480.0, 5384.0, 5324.0, 5265.0, 5656.0, 5645.0, 5596.0, 5410.0, 5698.0, 5332.0, 5502.0, 5261.0, 5430.0, 5454.0, 5269.0, 5519.0, 5682.0, 5434.0, 5382.0, 5579.0, 5286.0, 5540.0, 5394.0, 5522.0, 5294.0, 5346.0, 5718.0 (number of hits: 19)
9	5530	9	1	333	1	5702.0, 5581.0, 5600.0, 5601.0, 5311.0, 5602.0, 5485.0, 5563.0, 5474.0, 5324.0, 5493.0, 5580.0, 5476.0, 5711.0, 5668.0,

						5519.0, 5299.0, 5465.0, 5440.0, 5578.0, 5540.0, 5631.0, 5263.0, 5660.0, 5373.0, 5370.0, 5360.0, 5517.0, 5681.0, 5570.0, 5439.0, 5425.0, 5620.0, 5718.0, 5509.0, 5268.0, 5584.0, 5356.0, 5627.0, 5671.0, 5420.0, 5382.0, 5296.0, 5577.0, 5479.0, 5535.0, 5381.0, 5258.0, 5611.0, 5403.0, 5619.0, 5441.0, 5523.0, 5386.0, 5347.0, 5318.0, 5473.0, 5695.0, 5293.0, 5385.0, 5426.0, 5336.0, 5406.0, 5368.0, 5638.0, 5531.0, 5374.0, 5387.0, 5364.0, 5636.0, 5256.0, 5416.0, 5683.0, 5278.0, 5380.0, 5543.0, 5482.0, 5365.0, 5450.0, 5630.0, 5401.0, 5471.0, 5359.0, 5344.0, 5701.0, 5322.0, 5372.0, 5647.0, 5544.0, 5707.0, 5538.0, 5412.0, 5362.0, 5508.0, 5285.0, 5712.0, 5497.0, 5717.0, 5688.0, 5625.0 (number of hits: 14)
10	5530	9	1	333	1	5387.0, 5598.0, 5500.0, 5623.0, 5373.0, 5638.0, 5677.0, 5443.0, 5706.0, 5548.0, 5285.0, 5419.0, 5289.0, 5316.0, 5361.0, 5655.0, 5385.0, 5364.0, 5484.0, 5603.0, 5456.0, 5380.0, 5412.0, 5717.0, 5693.0, 5551.0, 5562.0, 5682.0, 5685.0, 5453.0, 5694.0, 5702.0, 5258.0, 5326.0, 5643.0, 5483.0, 5720.0, 5290.0, 5618.0, 5448.0, 5307.0, 5425.0, 5517.0, 5275.0, 5376.0, 5590.0, 5561.0, 5629.0, 5348.0, 5644.0, 5420.0, 5539.0, 5437.0, 5390.0, 5510.0, 5469.0, 5613.0, 5360.0, 5681.0, 5712.0, 5679.0, 5651.0, 5324.0, 5648.0, 5660.0, 5392.0, 5518.0, 5645.0, 5320.0, 5467.0, 5407.0, 5460.0, 5537.0, 5377.0, 5540.0, 5680.0, 5676.0, 5346.0, 5499.0, 5711.0, 5321.0, 5461.0, 5703.0, 5695.0, 5455.0, 5302.0, 5446.0, 5418.0, 5444.0, 5386.0, 5300.0, 5447.0, 5662.0, 5282.0, 5721.0, 5543.0, 5328.0, 5317.0, 5410.0, 5710.0 (number of hits: 13)
11	5530	9	1	333	1	5522.0, 5511.0, 5678.0, 5540.0, 5334.0, 5353.0, 5359.0, 5680.0, 5431.0, 5562.0, 5605.0, 5696.0, 5622.0, 5577.0, 5584.0, 5494.0, 5705.0, 5670.0, 5656.0, 5480.0, 5286.0, 5370.0, 5523.0, 5527.0, 5330.0, 5593.0, 5660.0, 5429.0, 5483.0, 5380.0, 5709.0, 5723.0, 5547.0, 5388.0, 5487.0, 5423.0, 5351.0, 5550.0, 5335.0, 5259.0, 5392.0, 5347.0, 5448.0, 5377.0, 5636.0, 5653.0, 5532.0, 5327.0, 5706.0, 5497.0, 5413.0, 5436.0, 5587.0, 5440.0, 5451.0, 5435.0, 5354.0, 5341.0, 5713.0, 5437.0, 5313.0, 5328.0, 5332.0, 5673.0, 5716.0, 5361.0, 5462.0, 5515.0, 5694.0, 5555.0, 5519.0, 5686.0, 5393.0, 5309.0, 5502.0, 5469.0, 5254.0, 5627.0, 5398.0, 5651.0, 5401.0, 5382.0, 5402.0, 5674.0, 5614.0, 5659.0, 5566.0, 5407.0, 5446.0, 5252.0, 5585.0, 5272.0, 5482.0, 5559.0, 5679.0, 5275.0, 5520.0, 5397.0, 5399.0, 5507.0

						(number of hits: 19)
12	5530	9	1	333	1	5703.0, 5273.0, 5293.0, 5434.0, 5314.0, 5521.0, 5500.0, 5307.0, 5463.0, 5454.0, 5449.0, 5451.0, 5489.0, 5429.0, 5336.0, 5543.0, 5325.0, 5491.0, 5338.0, 5665.0, 5299.0, 5593.0, 5474.0, 5371.0, 5253.0, 5414.0, 5706.0, 5630.0, 5495.0, 5305.0, 5633.0, 5445.0, 5666.0, 5311.0, 5250.0, 5642.0, 5440.0, 5286.0, 5576.0, 5462.0, 5653.0, 5465.0, 5430.0, 5381.0, 5531.0, 5679.0, 5461.0, 5585.0, 5349.0, 5532.0, 5281.0, 5402.0, 5335.0, 5280.0, 5405.0, 5612.0, 5628.0, 5359.0, 5435.0, 5682.0, 5361.0, 5547.0, 5468.0, 5408.0, 5567.0, 5661.0, 5485.0, 5610.0, 5275.0, 5697.0, 5582.0, 5676.0, 5344.0, 5332.0, 5511.0, 5483.0, 5309.0, 5613.0, 5255.0, 5472.0, 5645.0, 5616.0, 5328.0, 5458.0, 5615.0, 5404.0, 5364.0, 5669.0, 5562.0, 5667.0, 5373.0, 5480.0, 5464.0, 5333.0, 5479.0, 5303.0, 5559.0, 5268.0, 5326.0, 5427.0 (number of hits: 12)
13	5530	9	1	333	1	5549.0, 5562.0, 5621.0, 5660.0, 5263.0, 5253.0, 5717.0, 5673.0, 5683.0, 5455.0, 5559.0, 5392.0, 5347.0, 5346.0, 5690.0, 5424.0, 5678.0, 5663.0, 5289.0, 5437.0, 5325.0, 5295.0, 5500.0, 5328.0, 5306.0, 5701.0, 5375.0, 5417.0, 5305.0, 5390.0, 5340.0, 5387.0, 5593.0, 5544.0, 5299.0, 5497.0, 5352.0, 5476.0, 5257.0, 5419.0, 5629.0, 5401.0, 5638.0, 5704.0, 5627.0, 5613.0, 5470.0, 5396.0, 5448.0, 5607.0, 5686.0, 5722.0, 5465.0, 5373.0, 5570.0, 5510.0, 5536.0, 5671.0, 5609.0, 5552.0, 5669.0, 5674.0, 5262.0, 5594.0, 5515.0, 5533.0, 5634.0, 5293.0, 5705.0, 5568.0, 5307.0, 5721.0, 5364.0, 5441.0, 5410.0, 5432.0, 5581.0, 5329.0, 5434.0, 5483.0, 5322.0, 5312.0, 5611.0, 5563.0, 5267.0, 5499.0, 5413.0, 5450.0, 5578.0, 5696.0, 5342.0, 5719.0, 5326.0, 5602.0, 5508.0, 5539.0, 5327.0, 5493.0, 5264.0, 5314.0 (number of hits: 17)
14	5530	9	1	333	1	5531.0, 5505.0, 5324.0, 5504.0, 5693.0, 5556.0, 5399.0, 5546.0, 5637.0, 5557.0, 5473.0, 5501.0, 5521.0, 5683.0, 5365.0, 5257.0, 5698.0, 5371.0, 5530.0, 5457.0, 5441.0, 5277.0, 5394.0, 5677.0, 5535.0, 5474.0, 5472.0, 5668.0, 5593.0, 5716.0, 5452.0, 5509.0, 5670.0, 5303.0, 5390.0, 5384.0, 5479.0, 5379.0, 5469.0, 5552.0, 5400.0, 5416.0, 5377.0, 5491.0, 5577.0, 5466.0, 5329.0, 5588.0, 5361.0, 5317.0, 5572.0, 5437.0, 5286.0, 5321.0, 5413.0, 5717.0, 5598.0, 5262.0, 5564.0, 5538.0, 5559.0, 5440.0, 5375.0, 5604.0, 5548.0, 5639.0, 5697.0, 5610.0, 5299.0, 5278.0, 5615.0, 5463.0, 5660.0, 5409.0, 5713.0, 5430.0, 5587.0, 5613.0, 5584.0, 5606.0,

						5307.0, 5646.0, 5383.0, 5366.0, 5666.0, 5539.0, 5652.0, 5581.0, 5609.0, 5424.0, 5273.0, 5678.0, 5475.0, 5374.0, 5396.0, 5298.0, 5625.0, 5326.0, 5276.0, 5304.0 (number of hits: 18)
15	5530	9	1	333	1	5375.0, 5652.0, 5464.0, 5341.0, 5352.0, 5661.0, 5274.0, 5455.0, 5533.0, 5537.0, 5256.0, 5443.0, 5519.0, 5677.0, 5279.0, 5707.0, 5520.0, 5596.0, 5654.0, 5260.0, 5482.0, 5461.0, 5686.0, 5628.0, 5294.0, 5717.0, 5421.0, 5584.0, 5459.0, 5361.0, 5429.0, 5667.0, 5510.0, 5362.0, 5458.0, 5564.0, 5500.0, 5469.0, 5593.0, 5395.0, 5608.0, 5255.0, 5422.0, 5284.0, 5529.0, 5374.0, 5472.0, 5684.0, 5617.0, 5424.0, 5569.0, 5706.0, 5348.0, 5549.0, 5254.0, 5292.0, 5286.0, 5398.0, 5643.0, 5553.0, 5466.0, 5656.0, 5512.0, 5631.0, 5278.0, 5494.0, 5379.0, 5543.0, 5603.0, 5713.0, 5306.0, 5629.0, 5378.0, 5502.0, 5428.0, 5365.0, 5340.0, 5326.0, 5377.0, 5532.0, 5296.0, 5344.0, 5662.0, 5253.0, 5327.0, 5477.0, 5358.0, 5417.0, 5357.0, 5555.0, 5681.0, 5653.0, 5382.0, 5410.0, 5497.0, 5332.0, 5359.0, 5530.0, 5318.0, 5489.0 (number of hits: 19)
16	5530	9	1	333	1	5694.0, 5334.0, 5530.0, 5628.0, 5697.0, 5672.0, 5279.0, 5361.0, 5532.0, 5383.0, 5715.0, 5449.0, 5321.0, 5490.0, 5401.0, 5647.0, 5460.0, 5392.0, 5355.0, 5372.0, 5382.0, 5298.0, 5665.0, 5706.0, 5377.0, 5594.0, 5705.0, 5404.0, 5301.0, 5646.0, 5278.0, 5305.0, 5720.0, 5329.0, 5467.0, 5533.0, 5708.0, 5256.0, 5285.0, 5543.0, 5402.0, 5573.0, 5478.0, 5354.0, 5560.0, 5292.0, 5687.0, 5313.0, 5255.0, 5252.0, 5461.0, 5333.0, 5557.0, 5384.0, 5426.0, 5593.0, 5587.0, 5633.0, 5550.0, 5343.0, 5497.0, 5529.0, 5423.0, 5296.0, 5274.0, 5630.0, 5615.0, 5286.0, 5432.0, 5452.0, 5600.0, 5395.0, 5581.0, 5511.0, 5318.0, 5709.0, 5394.0, 5293.0, 5552.0, 5505.0, 5341.0, 5389.0, 5443.0, 5648.0, 5636.0, 5556.0, 5479.0, 5545.0, 5548.0, 5622.0, 5387.0, 5476.0, 5666.0, 5353.0, 5703.0, 5457.0, 5591.0, 5546.0, 5263.0, 5563.0 (number of hits: 18)
17	5530	9	1	333	1	5702.0, 5611.0, 5265.0, 5305.0, 5724.0, 5644.0, 5646.0, 5353.0, 5600.0, 5316.0, 5675.0, 5350.0, 5654.0, 5565.0, 5359.0, 5363.0, 5711.0, 5415.0, 5376.0, 5270.0, 5673.0, 5635.0, 5718.0, 5588.0, 5400.0, 5570.0, 5665.0, 5346.0, 5564.0, 5487.0, 5489.0, 5647.0, 5321.0, 5338.0, 5347.0, 5280.0, 5608.0, 5508.0, 5471.0, 5661.0, 5401.0, 5713.0, 5386.0, 5716.0, 5452.0, 5431.0, 5545.0, 5336.0, 5365.0, 5478.0, 5607.0, 5501.0, 5594.0, 5328.0, 5721.0, 5394.0, 5598.0, 5547.0, 5351.0, 5659.0,

						5615.0, 5310.0, 5464.0, 5576.0, 5522.0, 5273.0, 5663.0, 5460.0, 5468.0, 5683.0, 5658.0, 5404.0, 5624.0, 5554.0, 5330.0, 5590.0, 5640.0, 5358.0, 5343.0, 5436.0, 5578.0, 5503.0, 5496.0, 5538.0, 5393.0, 5678.0, 5320.0, 5276.0, 5583.0, 5695.0, 5370.0, 5500.0, 5722.0, 5497.0, 5643.0, 5712.0, 5357.0, 5495.0, 5342.0, 5593.0 (number of hits: 14)
18	5530	9	1	333	1	5647.0, 5308.0, 5589.0, 5632.0, 5275.0, 5402.0, 5414.0, 5678.0, 5264.0, 5300.0, 5366.0, 5605.0, 5709.0, 5429.0, 5535.0, 5585.0, 5266.0, 5541.0, 5641.0, 5634.0, 5385.0, 5452.0, 5663.0, 5481.0, 5539.0, 5688.0, 5618.0, 5404.0, 5290.0, 5510.0, 5457.0, 5326.0, 5444.0, 5293.0, 5723.0, 5581.0, 5253.0, 5419.0, 5342.0, 5711.0, 5360.0, 5383.0, 5720.0, 5582.0, 5394.0, 5620.0, 5435.0, 5345.0, 5323.0, 5463.0, 5532.0, 5448.0, 5346.0, 5476.0, 5458.0, 5695.0, 5602.0, 5584.0, 5348.0, 5286.0, 5349.0, 5381.0, 5439.0, 5680.0, 5483.0, 5374.0, 5449.0, 5465.0, 5398.0, 5478.0, 5285.0, 5455.0, 5557.0, 5545.0, 5269.0, 5341.0, 5254.0, 5519.0, 5630.0, 5338.0, 5658.0, 5407.0, 5717.0, 5515.0, 5525.0, 5508.0, 5664.0, 5689.0, 5490.0, 5359.0, 5546.0, 5553.0, 5302.0, 5412.0, 5492.0, 5441.0, 5549.0, 5511.0, 5298.0, 5400.0 (number of hits: 17)
19	5530	9	1	333	1	5376.0, 5426.0, 5465.0, 5316.0, 5442.0, 5405.0, 5585.0, 5459.0, 5402.0, 5499.0, 5281.0, 5422.0, 5645.0, 5587.0, 5433.0, 5259.0, 5691.0, 5367.0, 5523.0, 5603.0, 5260.0, 5349.0, 5569.0, 5699.0, 5321.0, 5346.0, 5476.0, 5501.0, 5531.0, 5269.0, 5639.0, 5478.0, 5296.0, 5464.0, 5721.0, 5684.0, 5667.0, 5496.0, 5653.0, 5347.0, 5546.0, 5326.0, 5488.0, 5315.0, 5378.0, 5265.0, 5453.0, 5648.0, 5709.0, 5254.0, 5280.0, 5630.0, 5457.0, 5604.0, 5606.0, 5522.0, 5399.0, 5677.0, 5425.0, 5291.0, 5353.0, 5359.0, 5711.0, 5512.0, 5352.0, 5559.0, 5366.0, 5712.0, 5538.0, 5662.0, 5540.0, 5563.0, 5256.0, 5267.0, 5710.0, 5513.0, 5381.0, 5614.0, 5599.0, 5673.0, 5654.0, 5324.0, 5650.0, 5354.0, 5497.0, 5276.0, 5358.0, 5665.0, 5266.0, 5594.0, 5255.0, 5325.0, 5417.0, 5290.0, 5556.0, 5695.0, 5597.0, 5582.0, 5383.0, 5375.0 (number of hits: 16)
20	5530	9	1	333	1	5630.0, 5512.0, 5650.0, 5474.0, 5696.0, 5421.0, 5445.0, 5351.0, 5662.0, 5584.0, 5255.0, 5493.0, 5587.0, 5360.0, 5639.0, 5506.0, 5335.0, 5572.0, 5463.0, 5638.0, 5317.0, 5656.0, 5542.0, 5450.0, 5619.0, 5332.0, 5403.0, 5679.0, 5615.0, 5551.0, 5552.0, 5447.0, 5261.0, 5359.0, 5338.0, 5292.0, 5336.0, 5504.0, 5374.0, 5365.0,

						5672.0, 5669.0, 5676.0, 5581.0, 5273.0, 5596.0, 5617.0, 5522.0, 5682.0, 5516.0, 5314.0, 5534.0, 5594.0, 5274.0, 5350.0, 5495.0, 5548.0, 5627.0, 5347.0, 5565.0, 5433.0, 5541.0, 5519.0, 5621.0, 5298.0, 5259.0, 5533.0, 5364.0, 5698.0, 5661.0, 5424.0, 5481.0, 5640.0, 5305.0, 5395.0, 5276.0, 5579.0, 5464.0, 5668.0, 5649.0, 5508.0, 5571.0, 5651.0, 5685.0, 5509.0, 5375.0, 5400.0, 5310.0, 5363.0, 5556.0, 5484.0, 5601.0, 5486.0, 5697.0, 5269.0, 5422.0, 5466.0, 5408.0, 5518.0, 5561.0 (number of hits: 21)
21	5530	9	1	333	1	5450.0, 5649.0, 5305.0, 5720.0, 5531.0, 5569.0, 5399.0, 5397.0, 5338.0, 5646.0, 5560.0, 5562.0, 5446.0, 5435.0, 5307.0, 5261.0, 5661.0, 5666.0, 5351.0, 5568.0, 5329.0, 5272.0, 5333.0, 5279.0, 5374.0, 5600.0, 5662.0, 5681.0, 5500.0, 5440.0, 5494.0, 5287.0, 5276.0, 5392.0, 5718.0, 5373.0, 5293.0, 5576.0, 5496.0, 5460.0, 5676.0, 5352.0, 5251.0, 5301.0, 5480.0, 5426.0, 5418.0, 5626.0, 5254.0, 5431.0, 5501.0, 5255.0, 5403.0, 5326.0, 5332.0, 5420.0, 5428.0, 5556.0, 5298.0, 5471.0, 5385.0, 5278.0, 5668.0, 5669.0, 5328.0, 5363.0, 5529.0, 5299.0, 5281.0, 5422.0, 5479.0, 5459.0, 5565.0, 5339.0, 5644.0, 5582.0, 5381.0, 5598.0, 5575.0, 5659.0, 5506.0, 5469.0, 5508.0, 5260.0, 5361.0, 5654.0, 5337.0, 5274.0, 5468.0, 5507.0, 5680.0, 5297.0, 5687.0, 5404.0, 5547.0, 5581.0, 5667.0, 5369.0, 5619.0, 5521.0 (number of hits: 17)
22	5530	9	1	333	1	5715.0, 5597.0, 5473.0, 5497.0, 5716.0, 5269.0, 5556.0, 5469.0, 5270.0, 5591.0, 5666.0, 5663.0, 5659.0, 5368.0, 5678.0, 5496.0, 5303.0, 5621.0, 5348.0, 5656.0, 5299.0, 5410.0, 5266.0, 5295.0, 5380.0, 5414.0, 5440.0, 5543.0, 5632.0, 5300.0, 5504.0, 5501.0, 5369.0, 5274.0, 5609.0, 5373.0, 5600.0, 5710.0, 5252.0, 5565.0, 5720.0, 5275.0, 5653.0, 5377.0, 5706.0, 5459.0, 5542.0, 5630.0, 5350.0, 5273.0, 5637.0, 5677.0, 5464.0, 5319.0, 5357.0, 5529.0, 5356.0, 5305.0, 5447.0, 5701.0, 5596.0, 5415.0, 5293.0, 5705.0, 5277.0, 5330.0, 5385.0, 5717.0, 5588.0, 5625.0, 5332.0, 5622.0, 5477.0, 5436.0, 5341.0, 5539.0, 5387.0, 5567.0, 5379.0, 5697.0, 5307.0, 5306.0, 5502.0, 5545.0, 5264.0, 5481.0, 5258.0, 5667.0, 5640.0, 5702.0, 5416.0, 5281.0, 5287.0, 5722.0, 5423.0, 5527.0, 5680.0, 5513.0, 5514.0, 5557.0 (number of hits: 17)
23	5530	9	1	333	1	5694.0, 5353.0, 5660.0, 5316.0, 5499.0, 5274.0, 5351.0, 5281.0, 5630.0, 5409.0, 5346.0, 5354.0, 5712.0, 5336.0, 5407.0, 5377.0, 5505.0, 5450.0, 5541.0, 5688.0,

						5703.0, 5304.0, 5716.0, 5620.0, 5436.0, 5359.0, 5600.0, 5528.0, 5724.0, 5305.0, 5478.0, 5485.0, 5549.0, 5466.0, 5569.0, 5417.0, 5598.0, 5645.0, 5265.0, 5472.0, 5597.0, 5467.0, 5473.0, 5295.0, 5459.0, 5388.0, 5308.0, 5469.0, 5427.0, 5386.0, 5673.0, 5306.0, 5677.0, 5300.0, 5414.0, 5387.0, 5260.0, 5524.0, 5452.0, 5559.0, 5282.0, 5527.0, 5682.0, 5309.0, 5723.0, 5357.0, 5721.0, 5553.0, 5698.0, 5458.0, 5338.0, 5379.0, 5627.0, 5699.0, 5477.0, 5403.0, 5512.0, 5263.0, 5268.0, 5588.0, 5514.0, 5448.0, 5293.0, 5483.0, 5687.0, 5621.0, 5445.0, 5457.0, 5611.0, 5706.0, 5394.0, 5395.0, 5565.0, 5609.0, 5455.0, 5479.0, 5497.0, 5270.0, 5560.0, 5492.0 (number of hits: 16)
24	5530	9	1	333	1	5632.0, 5432.0, 5417.0, 5604.0, 5527.0, 5409.0, 5494.0, 5328.0, 5668.0, 5558.0, 5327.0, 5329.0, 5681.0, 5449.0, 5703.0, 5520.0, 5413.0, 5653.0, 5337.0, 5599.0, 5581.0, 5536.0, 5658.0, 5680.0, 5288.0, 5308.0, 5277.0, 5333.0, 5387.0, 5575.0, 5539.0, 5664.0, 5505.0, 5289.0, 5515.0, 5631.0, 5322.0, 5526.0, 5589.0, 5453.0, 5463.0, 5284.0, 5715.0, 5441.0, 5586.0, 5711.0, 5666.0, 5565.0, 5297.0, 5556.0, 5268.0, 5533.0, 5361.0, 5550.0, 5330.0, 5399.0, 5431.0, 5594.0, 5439.0, 5326.0, 5436.0, 5579.0, 5452.0, 5554.0, 5499.0, 5316.0, 5606.0, 5458.0, 5626.0, 5445.0, 5674.0, 5414.0, 5260.0, 5360.0, 5348.0, 5546.0, 5468.0, 5531.0, 5643.0, 5529.0, 5320.0, 5352.0, 5564.0, 5548.0, 5654.0, 5306.0, 5510.0, 5386.0, 5263.0, 5675.0, 5622.0, 5528.0, 5336.0, 5495.0, 5619.0, 5612.0, 5551.0, 5630.0, 5370.0, 5569.0 (number of hits: 25)
25	5530	9	1	333	1	5278.0, 5299.0, 5470.0, 5602.0, 5590.0, 5720.0, 5427.0, 5354.0, 5544.0, 5351.0, 5687.0, 5539.0, 5472.0, 5661.0, 5426.0, 5447.0, 5307.0, 5666.0, 5709.0, 5603.0, 5685.0, 5436.0, 5543.0, 5401.0, 5556.0, 5390.0, 5469.0, 5498.0, 5585.0, 5334.0, 5592.0, 5569.0, 5443.0, 5463.0, 5454.0, 5673.0, 5411.0, 5679.0, 5258.0, 5520.0, 5584.0, 5616.0, 5552.0, 5680.0, 5509.0, 5323.0, 5296.0, 5481.0, 5501.0, 5325.0, 5681.0, 5670.0, 5490.0, 5655.0, 5442.0, 5589.0, 5618.0, 5360.0, 5605.0, 5628.0, 5413.0, 5379.0, 5576.0, 5423.0, 5273.0, 5695.0, 5534.0, 5350.0, 5386.0, 5572.0, 5577.0, 5606.0, 5284.0, 5336.0, 5309.0, 5565.0, 5598.0, 5499.0, 5493.0, 5591.0, 5435.0, 5522.0, 5632.0, 5380.0, 5596.0, 5722.0, 5473.0, 5322.0, 5277.0, 5270.0, 5711.0, 5280.0, 5510.0, 5560.0, 5559.0, 5692.0, 5372.0, 5620.0, 5682.0, 5635.0 (number of hits: 19)

26	5530	9	1	333	1	5439.0, 5259.0, 5509.0, 5532.0, 5704.0, 5696.0, 5602.0, 5677.0, 5379.0, 5581.0, 5627.0, 5406.0, 5425.0, 5312.0, 5649.0, 5691.0, 5610.0, 5711.0, 5612.0, 5401.0, 5560.0, 5442.0, 5330.0, 5722.0, 5387.0, 5674.0, 5421.0, 5255.0, 5454.0, 5639.0, 5308.0, 5490.0, 5660.0, 5257.0, 5333.0, 5416.0, 5351.0, 5498.0, 5298.0, 5533.0, 5260.0, 5412.0, 5669.0, 5487.0, 5575.0, 5376.0, 5479.0, 5662.0, 5418.0, 5347.0, 5713.0, 5323.0, 5678.0, 5586.0, 5477.0, 5516.0, 5320.0, 5566.0, 5433.0, 5701.0, 5631.0, 5419.0, 5393.0, 5624.0, 5402.0, 5456.0, 5341.0, 5325.0, 5279.0, 5549.0, 5383.0, 5400.0, 5718.0, 5578.0, 5398.0, 5544.0, 5432.0, 5499.0, 5530.0, 5640.0, 5380.0, 5291.0, 5716.0, 5675.0, 5413.0, 5350.0, 5710.0, 5667.0, 5539.0, 5548.0, 5301.0, 5269.0, 5327.0, 5670.0, 5511.0, 5373.0, 5599.0, 5378.0, 5545.0, 5395.0 (number of hits: 16)
27	5530	9	1	333	1	5380.0, 5582.0, 5397.0, 5564.0, 5363.0, 5389.0, 5562.0, 5281.0, 5396.0, 5543.0, 5285.0, 5478.0, 5370.0, 5255.0, 5313.0, 5455.0, 5393.0, 5619.0, 5595.0, 5440.0, 5558.0, 5644.0, 5714.0, 5303.0, 5309.0, 5698.0, 5665.0, 5620.0, 5258.0, 5539.0, 5367.0, 5355.0, 5525.0, 5724.0, 5334.0, 5685.0, 5372.0, 5605.0, 5445.0, 5532.0, 5640.0, 5604.0, 5515.0, 5697.0, 5638.0, 5485.0, 5471.0, 5699.0, 5603.0, 5498.0, 5530.0, 5416.0, 5655.0, 5436.0, 5435.0, 5477.0, 5321.0, 5571.0, 5676.0, 5341.0, 5411.0, 5479.0, 5466.0, 5480.0, 5608.0, 5549.0, 5375.0, 5547.0, 5602.0, 5631.0, 5345.0, 5384.0, 5381.0, 5302.0, 5294.0, 5263.0, 5601.0, 5503.0, 5490.0, 5627.0, 5329.0, 5611.0, 5296.0, 5679.0, 5331.0, 5452.0, 5271.0, 5570.0, 5516.0, 5275.0, 5330.0, 5343.0, 5286.0, 5394.0, 5704.0, 5599.0, 5598.0, 5680.0, 5667.0, 5618.0 (number of hits: 15)
28	5530	9	1	333	1	5656.0, 5500.0, 5326.0, 5716.0, 5694.0, 5338.0, 5320.0, 5666.0, 5629.0, 5328.0, 5450.0, 5671.0, 5676.0, 5435.0, 5635.0, 5606.0, 5275.0, 5321.0, 5436.0, 5517.0, 5368.0, 5678.0, 5622.0, 5493.0, 5501.0, 5640.0, 5412.0, 5591.0, 5554.0, 5545.0, 5429.0, 5323.0, 5301.0, 5521.0, 5611.0, 5505.0, 5512.0, 5253.0, 5553.0, 5710.0, 5351.0, 5369.0, 5561.0, 5647.0, 5541.0, 5291.0, 5336.0, 5583.0, 5564.0, 5473.0, 5411.0, 5396.0, 5662.0, 5414.0, 5715.0, 5472.0, 5516.0, 5672.0, 5515.0, 5441.0, 5317.0, 5446.0, 5646.0, 5401.0, 5470.0, 5599.0, 5720.0, 5373.0, 5386.0, 5584.0, 5674.0, 5702.0, 5296.0, 5330.0, 5575.0, 5525.0, 5403.0, 5665.0, 5454.0, 5467.0, 5464.0, 5449.0, 5303.0, 5307.0, 5350.0,

						5409.0, 5281.0, 5408.0, 5667.0, 5582.0, 5345.0, 5559.0, 5724.0, 5270.0, 5684.0, 5597.0, 5601.0, 5565.0, 5594.0, 5540.0 (number of hits: 19)
29	5530	9	1	333	1	5683.0, 5319.0, 5290.0, 5379.0, 5487.0, 5270.0, 5386.0, 5644.0, 5521.0, 5278.0, 5676.0, 5474.0, 5625.0, 5555.0, 5526.0, 5565.0, 5512.0, 5355.0, 5656.0, 5661.0, 5627.0, 5485.0, 5353.0, 5634.0, 5685.0, 5556.0, 5514.0, 5588.0, 5251.0, 5452.0, 5630.0, 5535.0, 5465.0, 5328.0, 5626.0, 5636.0, 5274.0, 5569.0, 5550.0, 5272.0, 5420.0, 5508.0, 5317.0, 5675.0, 5695.0, 5531.0, 5640.0, 5564.0, 5520.0, 5478.0, 5666.0, 5628.0, 5616.0, 5461.0, 5286.0, 5381.0, 5506.0, 5542.0, 5347.0, 5339.0, 5390.0, 5655.0, 5501.0, 5686.0, 5631.0, 5425.0, 5258.0, 5250.0, 5433.0, 5523.0, 5454.0, 5505.0, 5674.0, 5363.0, 5510.0, 5314.0, 5488.0, 5517.0, 5698.0, 5494.0, 5364.0, 5533.0, 5287.0, 5567.0, 5665.0, 5596.0, 5609.0, 5722.0, 5681.0, 5706.0, 5383.0, 5384.0, 5456.0, 5657.0, 5673.0, 5417.0, 5276.0, 5342.0, 5325.0, 5668.0 (number of hits: 24)
30	5530	9	1	333	1	5469.0, 5441.0, 5587.0, 5270.0, 5694.0, 5460.0, 5288.0, 5300.0, 5285.0, 5649.0, 5413.0, 5559.0, 5576.0, 5610.0, 5406.0, 5434.0, 5411.0, 5524.0, 5595.0, 5643.0, 5580.0, 5560.0, 5716.0, 5291.0, 5679.0, 5574.0, 5563.0, 5470.0, 5713.0, 5554.0, 5690.0, 5693.0, 5698.0, 5389.0, 5490.0, 5276.0, 5301.0, 5590.0, 5662.0, 5466.0, 5544.0, 5517.0, 5530.0, 5591.0, 5467.0, 5251.0, 5373.0, 5557.0, 5506.0, 5667.0, 5630.0, 5257.0, 5370.0, 5462.0, 5721.0, 5365.0, 5638.0, 5624.0, 5374.0, 5692.0, 5510.0, 5608.0, 5484.0, 5312.0, 5633.0, 5302.0, 5502.0, 5299.0, 5593.0, 5703.0, 5437.0, 5613.0, 5602.0, 5272.0, 5404.0, 5346.0, 5586.0, 5695.0, 5279.0, 5503.0, 5347.0, 5359.0, 5453.0, 5450.0, 5333.0, 5368.0, 5464.0, 5289.0, 5552.0, 5394.0, 5647.0, 5614.0, 5339.0, 5322.0, 5386.0, 5562.0, 5356.0, 5393.0, 5488.0, 5424.0 (number of hits: 16)

10 Bridge and/or MESH mode

10.1 Test standard

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

10.2 Test result

5280MHz

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5280	18	1	1428	1
2	5280	18	1	1428	1
3	5280	18	1	1428	1
4	5280	18	1	1428	1
5	5280	18	1	1428	1
6	5280	18	1	1428	1
7	5280	18	1	1428	1
8	5280	18	1	1428	1
9	5280	18	1	1428	1
10	5280	18	1	1428	1
11	5280	18	1	1428	1
12	5280	18	1	1428	1
13	5280	18	1	1428	1
14	5280	18	1	1428	1
15	5280	18	1	1428	1
16	5280	18	1	1428	1
17	5280	18	1	1428	1
18	5280	18	1	1428	1
19	5280	18	1	1428	1
20	5280	18	1	1428	1
21	5280	18	1	1428	1
22	5280	18	1	1428	1
23	5280	18	1	1428	1
24	5280	18	1	1428	1
25	5280	18	1	1428	1
26	5280	18	1	1428	1
27	5280	18	1	1428	1
28	5280	18	1	1428	1
29	5280	18	1	1428	1
30	5280	18	1	1428	1
Detection Percentage: 100 % (>60%)					

5540MHz

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5540	18	1	1428	1
2	5540	18	1	1428	1
3	5540	18	1	1428	1
4	5540	18	1	1428	1
5	5540	18	1	1428	1
6	5540	18	1	1428	1
7	5540	18	1	1428	1
8	5540	18	1	1428	1
9	5540	18	1	1428	1
10	5540	18	1	1428	1
11	5540	18	1	1428	1
12	5540	18	1	1428	1
13	5540	18	1	1428	1
14	5540	18	1	1428	1
15	5540	18	1	1428	1
16	5540	18	1	1428	1
17	5540	18	1	1428	1
18	5540	18	1	1428	1
19	5540	18	1	1428	1
20	5540	18	1	1428	1
21	5540	18	1	1428	1
22	5540	18	1	1428	1
23	5540	18	1	1428	1
24	5540	18	1	1428	1
25	5540	18	1	1428	1
26	5540	18	1	1428	1
27	5540	18	1	1428	1
28	5540	18	1	1428	1
29	5540	18	1	1428	1
30	5540	18	1	1428	1
Detection Percentage: 100 % (>60%)					