FCC PART 15.407
DYNAMIC FREQUENCY SELECTION
TEST AND MEASUREMENT REPORT

For

Aerohive Network, Inc.

330 Gibraltar Drive,

Sunnyvale, CA 94089, USA

FCC ID: WBV-AP230

Report Type: Class II Permissive Change	**Product Type:** 802.11 a/b/g/n/ac Wireless Access Point

Prepared By:	Jin Yang, Test Engineer
Report Number:	R16033114-DFS
Report Date:	2016-05-04
Reviewed By:	Bo Li, RF Supervisor

Bay Area Compliance Laboratories Corp.
1274 Anvilwood Avenue,
Sunnyvale, CA 94089, USA
Tel: (408) 732-9162
Fax: (408) 732-9164

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	R16033114-DFS	CIIPC Report	2016-05-04

1 General Description

1.1 Product Description for Equipment under Test (EUT)

This test and measurement report was prepared on behalf of *Aerohive Network, Inc*., and their product model: *AP230, FCC ID: WBV-AP230* or the "EUT" as referred to in this report. The EUT is a 3x3 MIMO 802.11 a/b/g/n/ac Access Point.

1.2 Mechanical Description of EUT

The EUT measures approximately 185 mm (L) x 185 mm (W) x 50 mm (H) and weighs 0.75 kg.

The test data gathered are from typical production sample, serial number: R160331144-1 assigned by BACL

1.3 Objective

This report is prepared on behalf of *Aerohive Network, Inc*. in accordance with FCC CFR47 §15.407 (h), and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v01r02

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)

FCC ID: WBV-AP230

1.5 Test Methodology

FCC CFR 47 Part2, Part15.407 (h)

KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v01r02

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

1.6 Test Facility

Bay Area Compliance Laboratories Corp. (BACL) is:

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

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

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

4 - A Product Certification Body accredited to **ISO Guide 65: 1996** by **A2LA** to certify:

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 3279.02)*****,** 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 3279.03)*** 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

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

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

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

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

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

2 EUT Test Configuration

2.1 Justification

The EUT was configured for testing according to FCC Part 15.407(H), and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v01r02

2.2 EUT Exercise Software

The test utility used was PuTTy, the software was verified by *Jin Yang* to comply with the standard requirements being tested against.

2.3 Equipment Modifications

N/A

2.4 Local Support Equipment

Manufacturer	Description	Model
Dell	Laptop	Latitude D630

2.5 EUT Internal Configuration Details

Manufacturer	Description	Model
Broadcom	CPU	BCM53016A1
SK hynic	RAM	H5TQ2G63FFR-PBC

2.6 Support Equipment

Manufacturer	Description	Model
PowerDsine	POE DC Power	PD-3501G/AC

2.7 Interface Ports and Cabling

Cable Description	Length (m)	To	From
USB Cable	<1M	Laptop	EUT

3 Summary of Test Results

The following result table represents the list of measurements required under the CFR47 §47 Part15.407 (h), and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v01r02. 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 v01r02

Items	Description of Test	Results
Detection Bandwidth	UNII Detection Bandwidth	Compliant[1]
Performance Requirements Check	Initial Channel Availability Check Time (CAC)	Compliant[1]
	Radar Burst at the Beginning of the CAC	Compliant[1]
	Radar Burst at the End of the CAC	Compliant[1]
In-Service Monitoring	Channel Move Time	Compliant[1]
	Channel Closing Transmission Time	Compliant[1]
	Non-Occupancy Period	Compliant[1]
Radar Detection	Statistical Performance Check	Compliant

Note[1]: Please refer to original test report. (FCC ID: WBV-AP230)

4 Applicable Standards

4.1 DFS Requirement

FCC CFR47 §15.407 (h), and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v01r02

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

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

Table 2: Applicability of DFS requirements during normal operation

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

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

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

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

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

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 is used and for each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

Table 5: Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (Microseconds)	PRI (Microseconds)	Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	$\text{Roundup}\left(\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right)$	60%	30
		Test B: 15 unique PRI values randomly selected within the range of 518-3066 µsec, with a minimum increment of 1 µsec, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

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

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

The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse Radar Type waveforms. If more than 30 waveforms are used for the Long Pulse Radar Type waveforms, then each additional waveform must also be unique and not repeated from the previous waveforms.

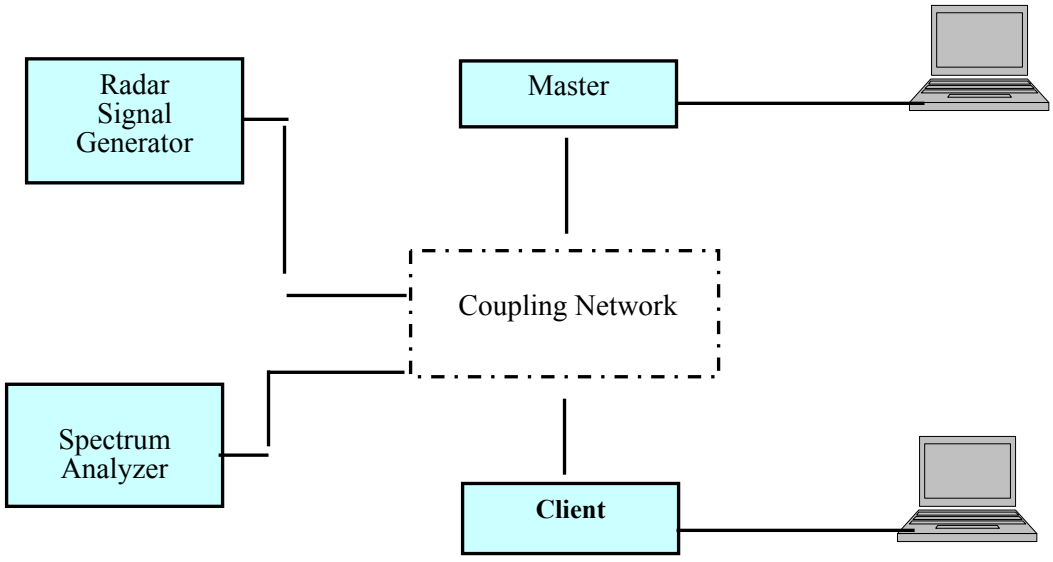
Table 7: Frequency Hopping Radar Test Signal

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

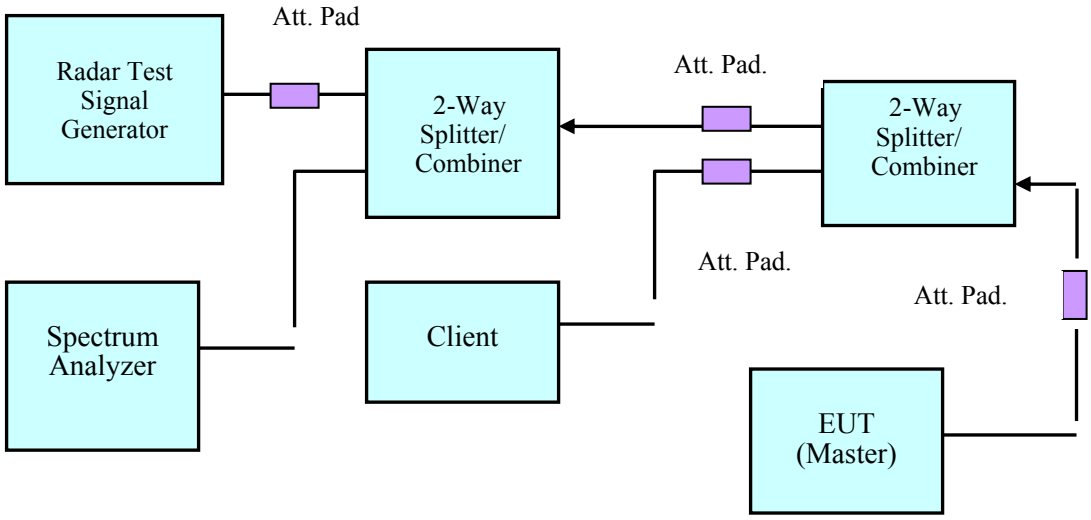
4.2 DFS Measurement System

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

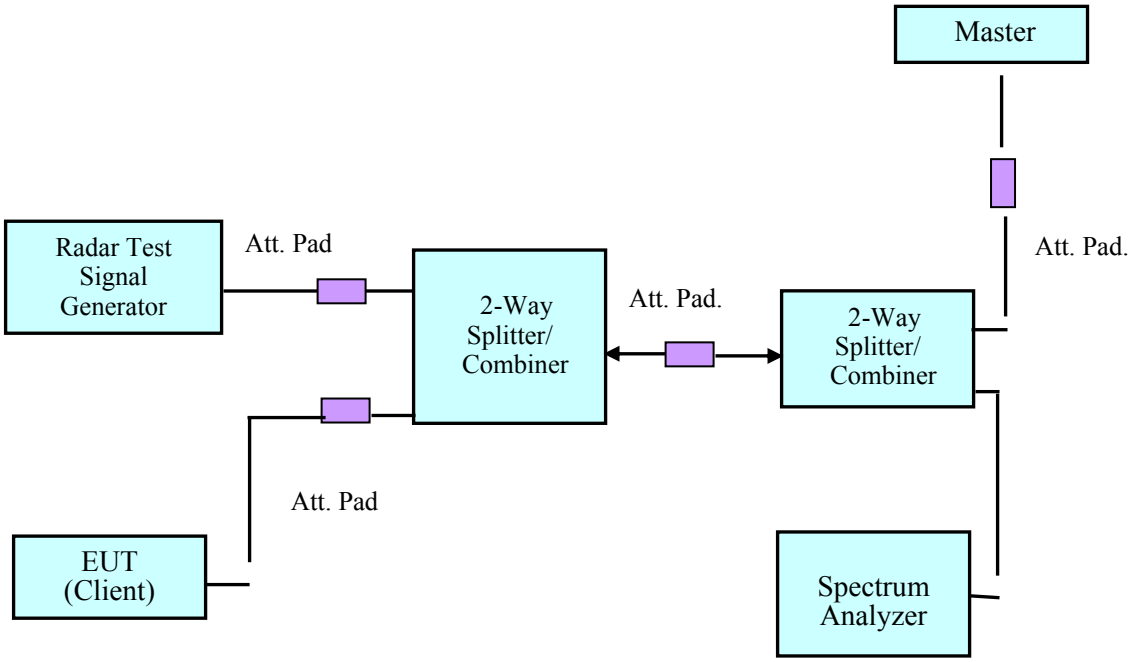
4.3 System Block Diagram



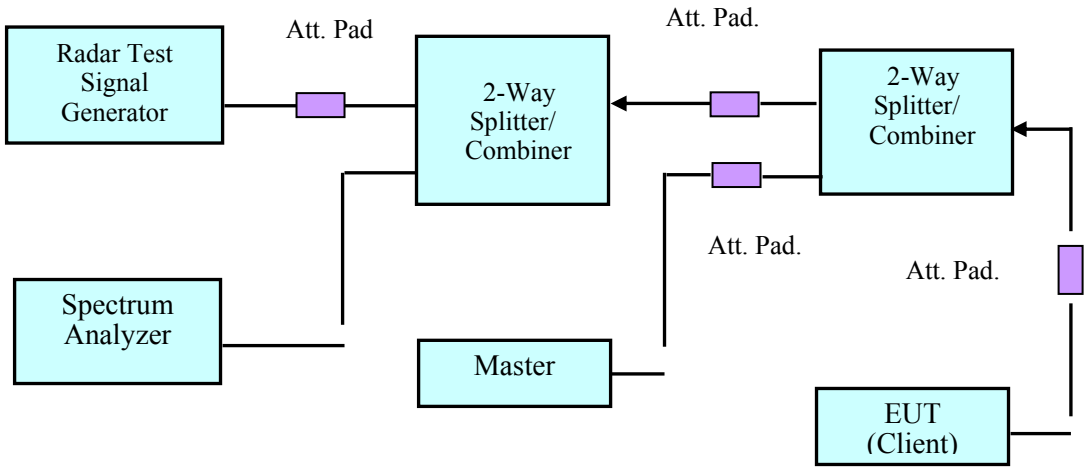
4.4 Conducted Method



Setup for Master with injection at the Master

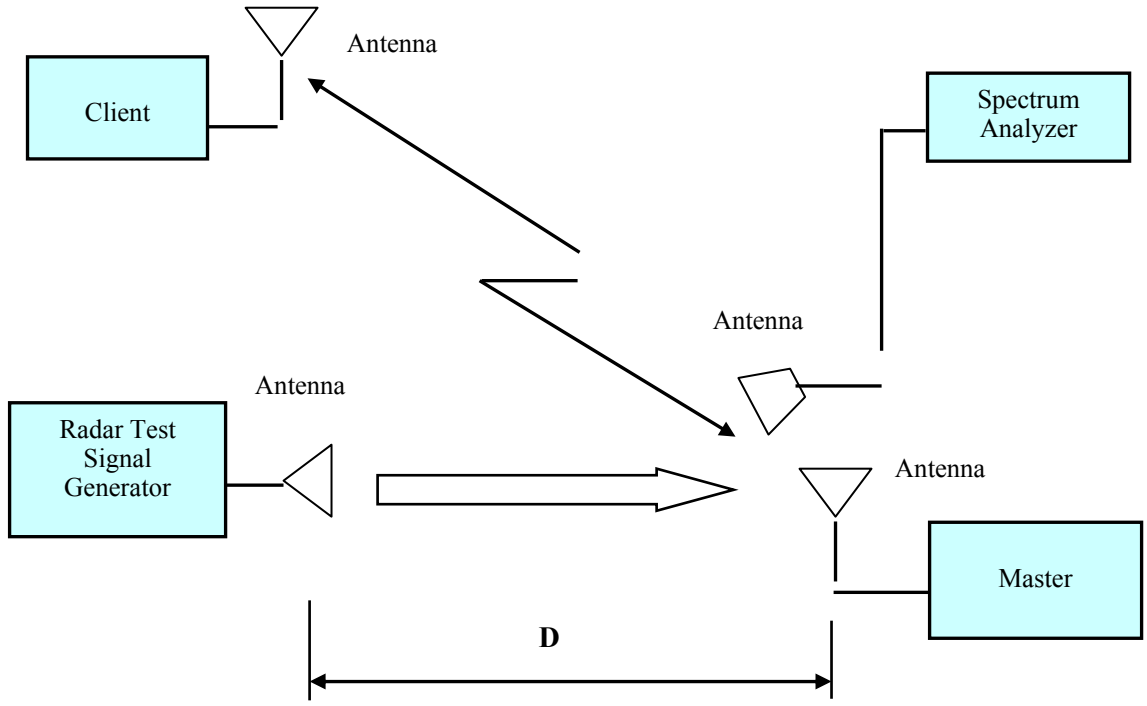


Setup for Client with injection at the Master



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 -64dBm.

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.

5.2 Antenna Details

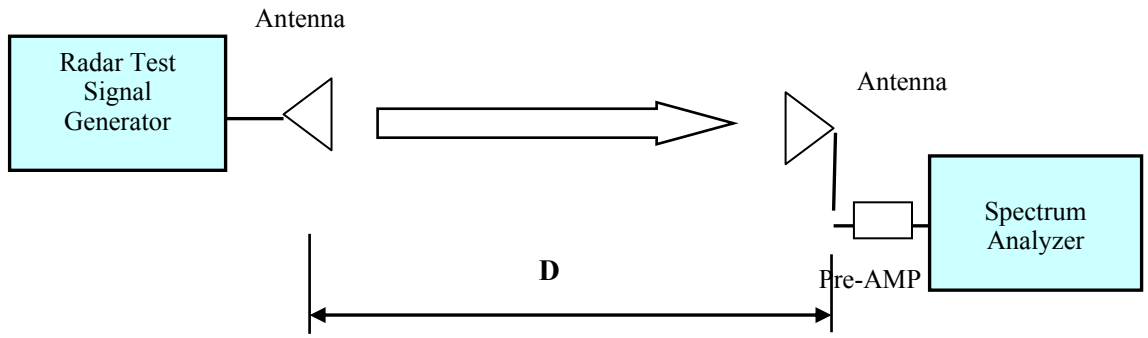
Ant. No.	Model	Type	Connector	Frequency Band (MHz) Ant. Gain (dBi)	
				5250-5350	5470-5725
4	Ant 4(5G)	PIFA	UFL	6.21	6.15
5	Ant 5(5G)	PIFA	UFL	5.95	6.12
6	Ant 6(5G)	PIFA	UFL	6.57	5.25

5.3 Test Equipment List and Details

Manufacturer	Equipment Description	Model	S/N	Calibration Date
National Instruments	NI PXI-1042 8-Slot chassis	PXI-1042	V08X01EE1	N/A
National Instruments	Arbitrary Waveform Generator	PXI-5421	N/A	N/A
National Instruments	RF Upconverter	PXI-5610	N/A	N/A
ASCOR	Upconverter	AS-7206	N/A	N/A
Agilent	Spectrum Analyzer	E4440A	MY44303352	2015-10-16
A.R.A.	Antenna Horn	DRG-118/A	1132	2016-01-29
EMCO	Antenna Horn	3115	9511-4627	2015-10-17
Mini-Circuits	Splitter/Combiner	2FSC-2-10G	0349	N/A
Narda	Splitter/Combiner	4326B-2	03514	N/A
Midwest	Attenuator	290-30	N/A	N/A
Mini-Circuits	Attenuator	BW-S30W2	N/A	N/A

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

5.4 Radar Waveform Calibration



Radiated Calibration Setup Block Diagram

5.5 Test Environmental Conditions

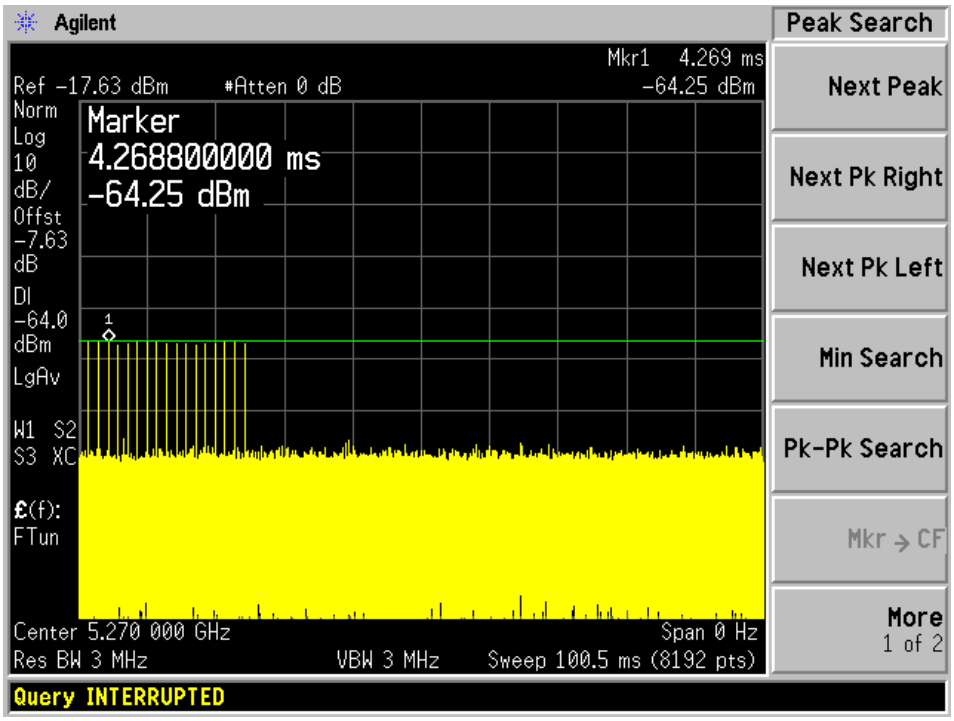
Temperature:	24° C
Relative Humidity:	47 %
ATM Pressure:	102.1 kPa

The testing performed by Jin Yang on 2016-04-14 at DFS testing site

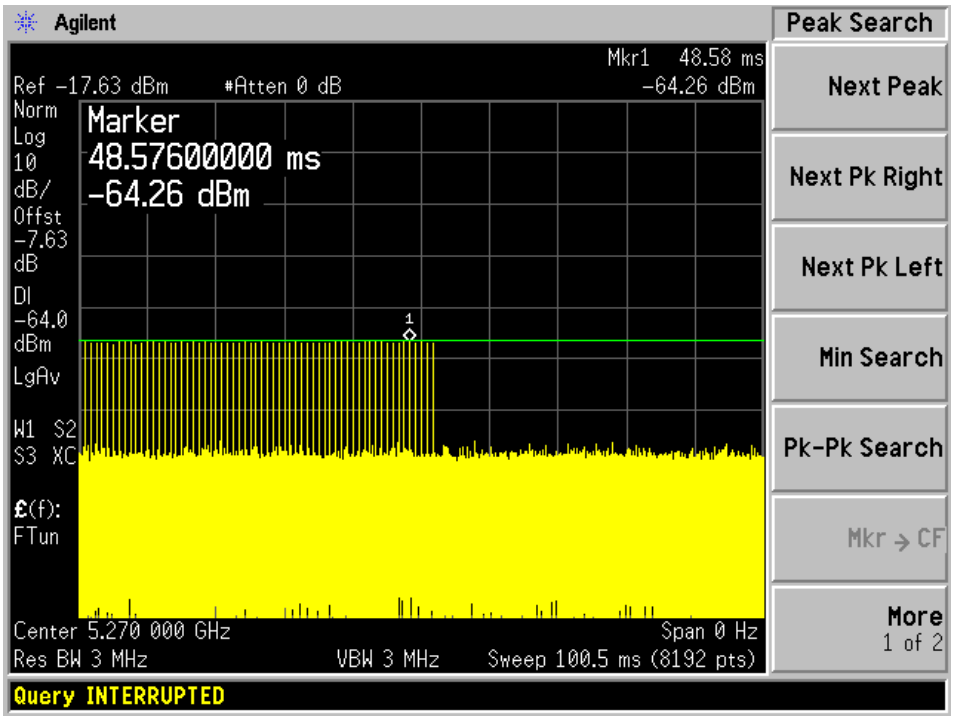
Plots of Radar Waveforms

5270 MHz

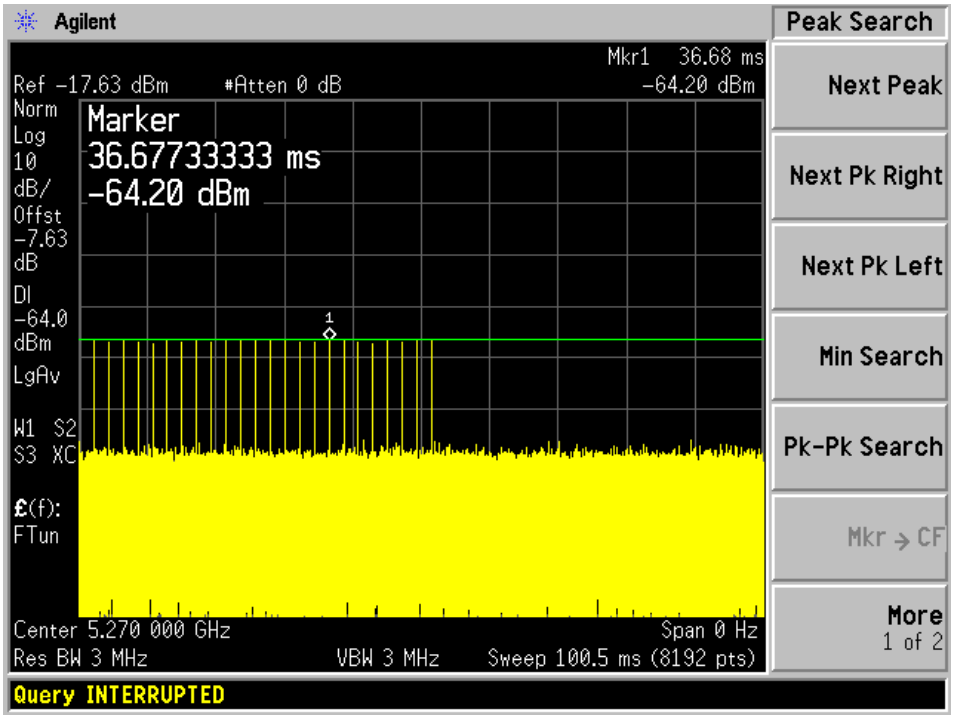
Radar Type 0



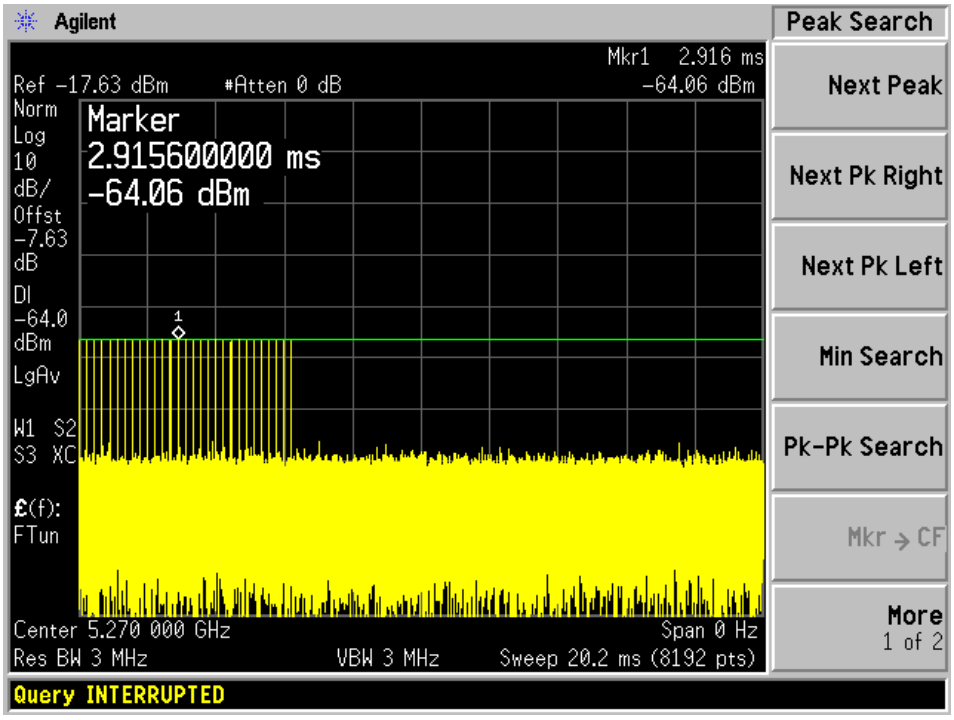
Radar Type 1A



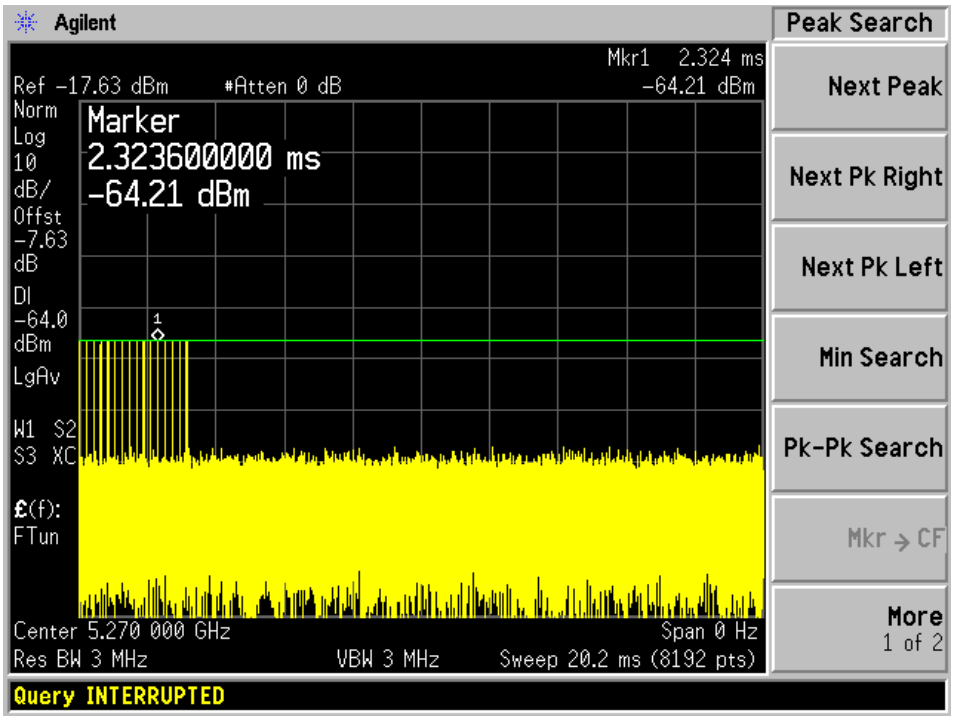
Radar Type 1B



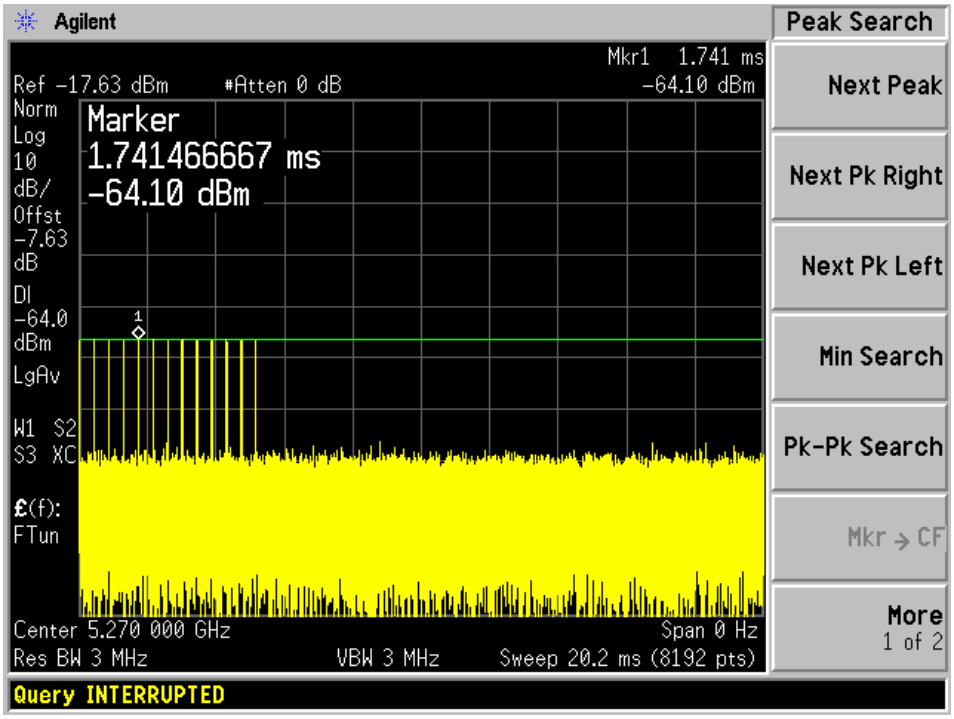
Radar Type 2



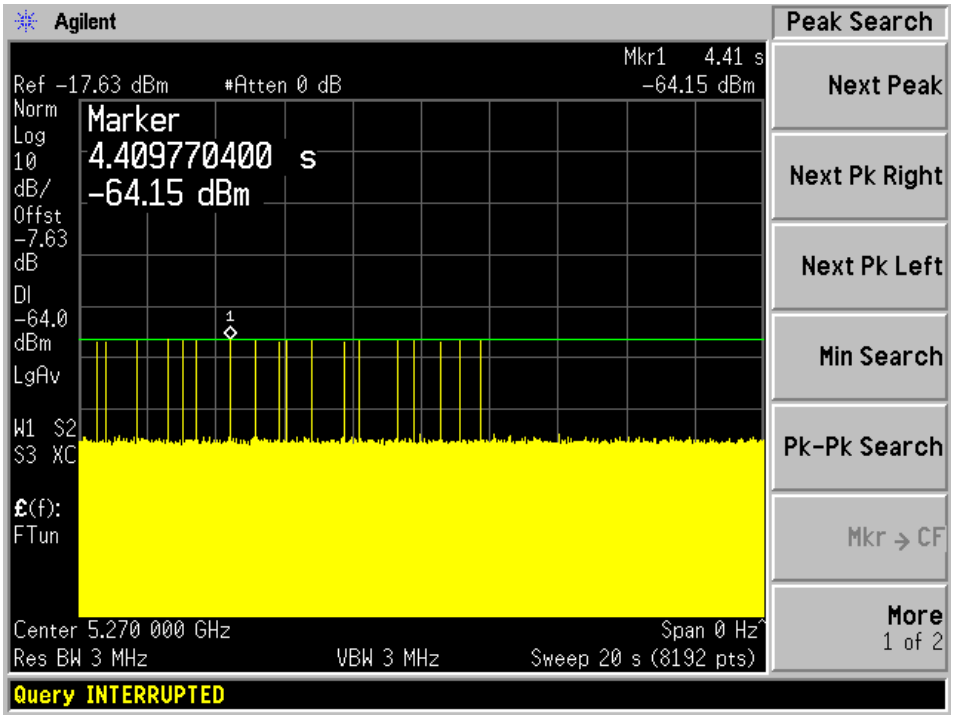
Radar Type 3



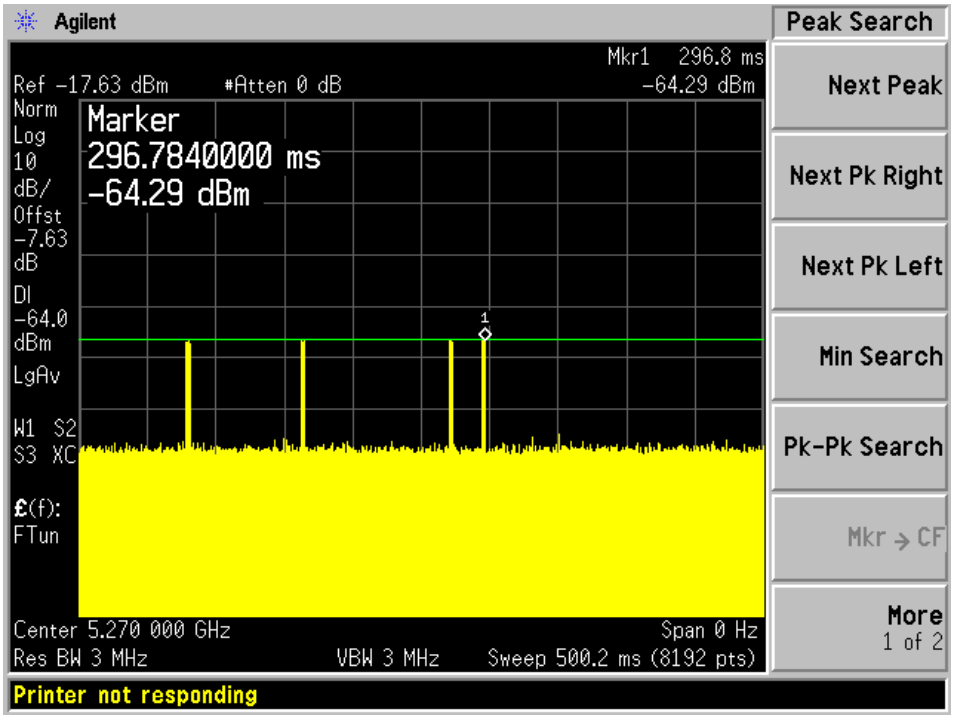
Radar Type 4



Radar Type 5

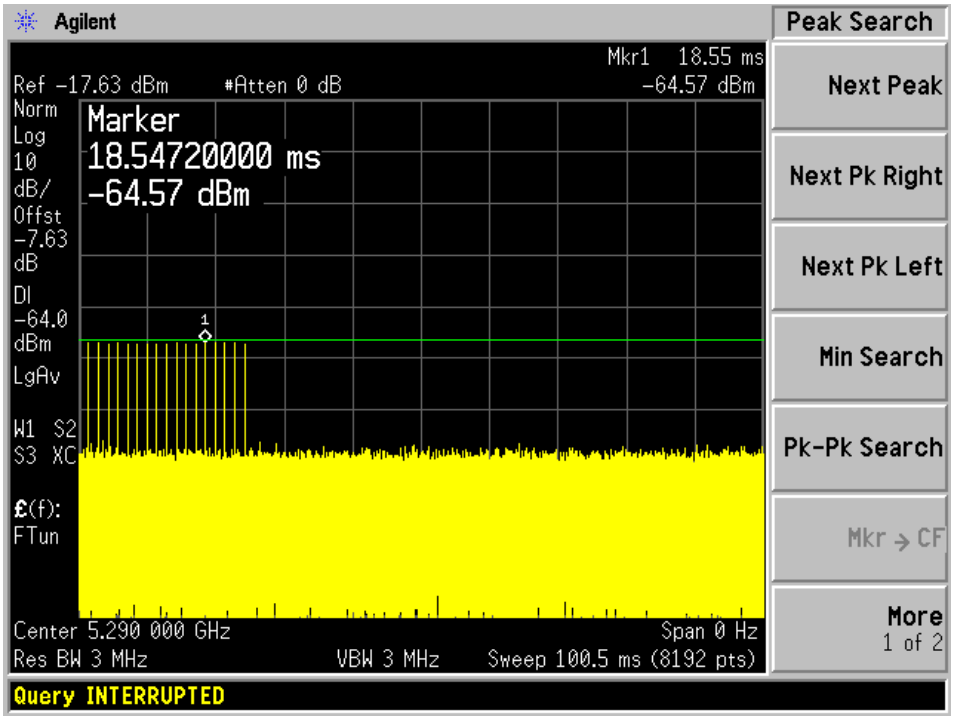


Radar Type 6

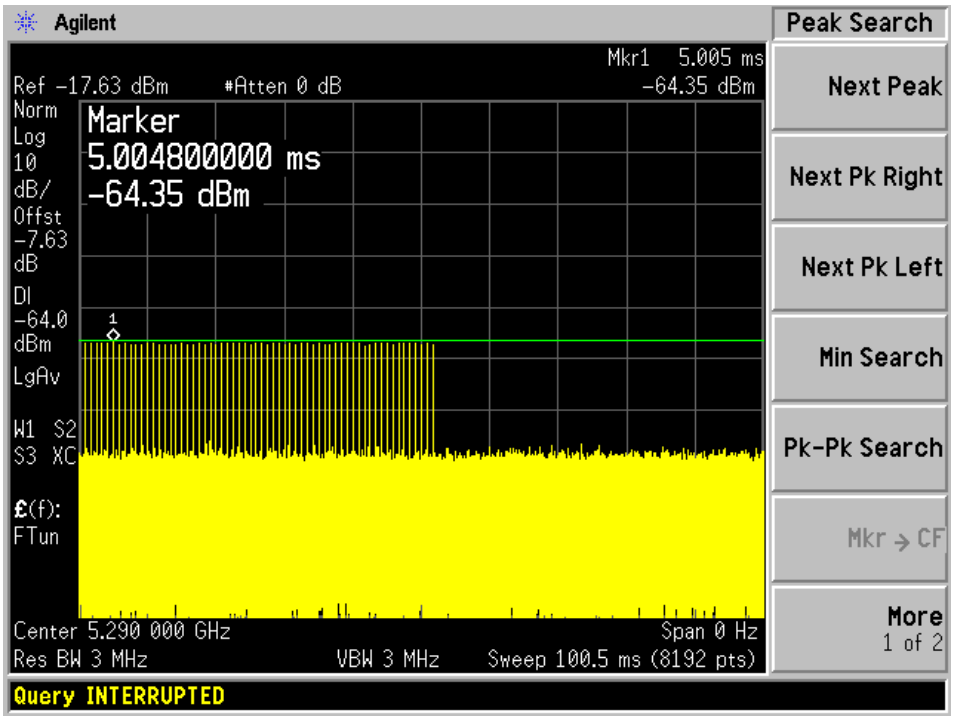


5290 MHz

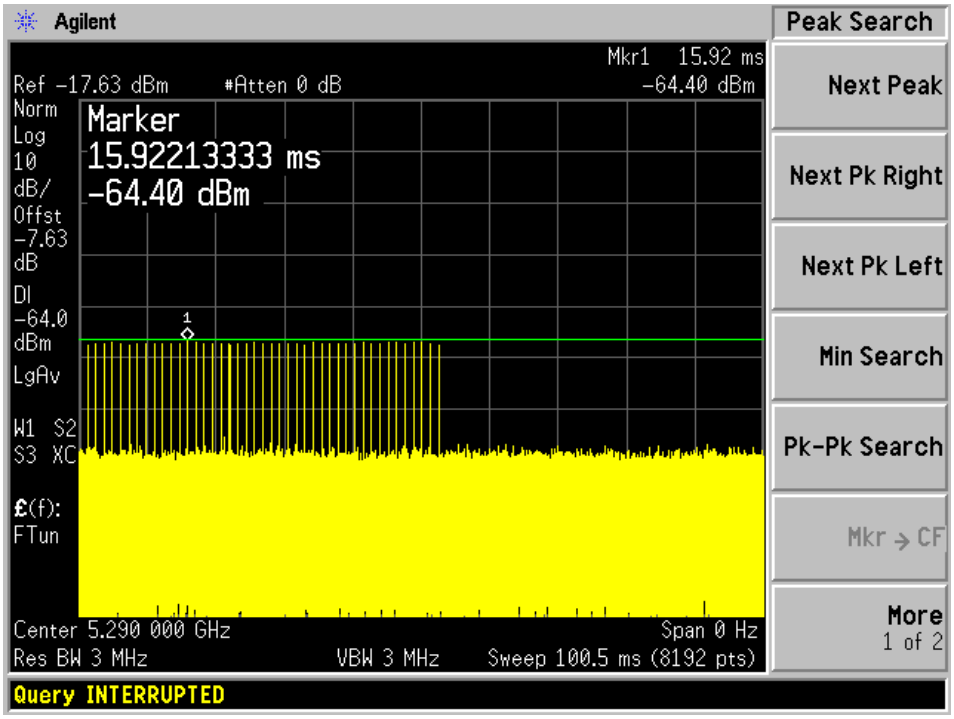
Radar Type 0



Radar Type 1A



Radar Type 1B



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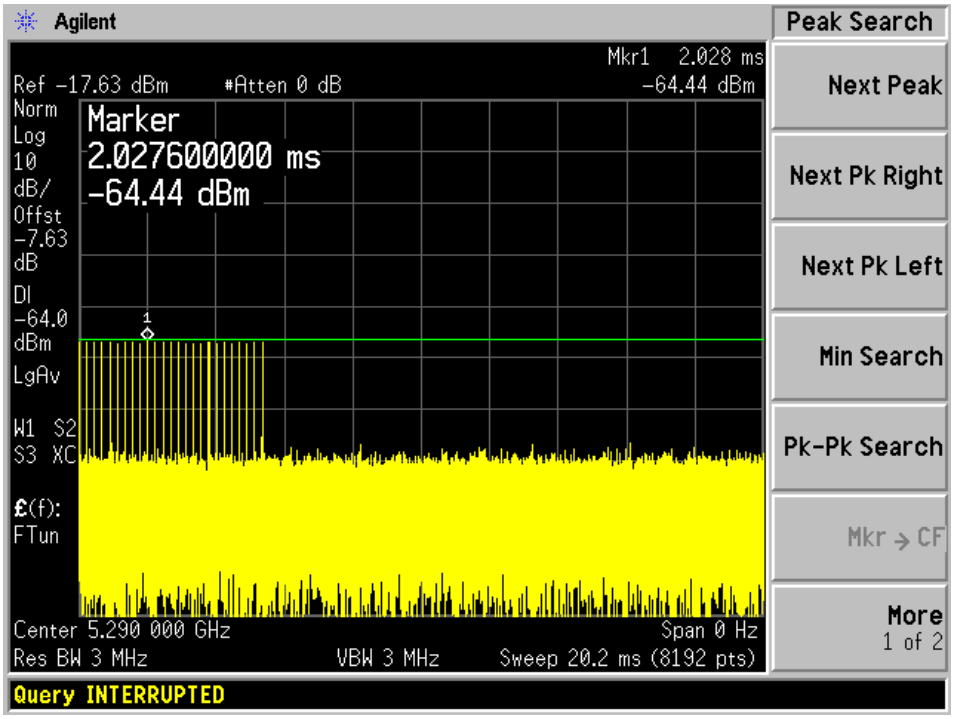

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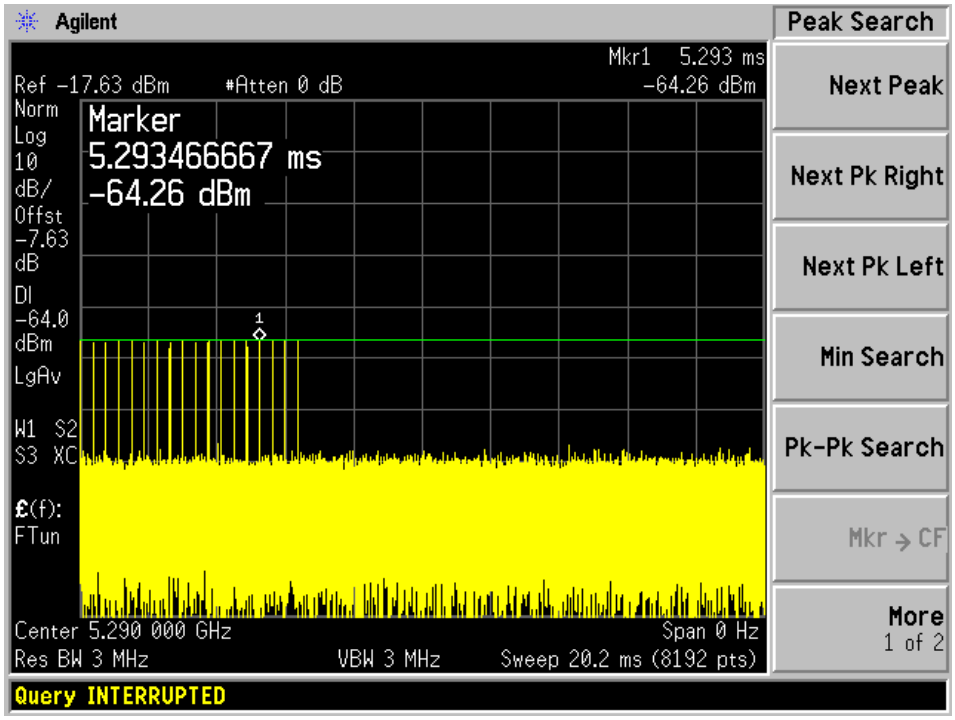

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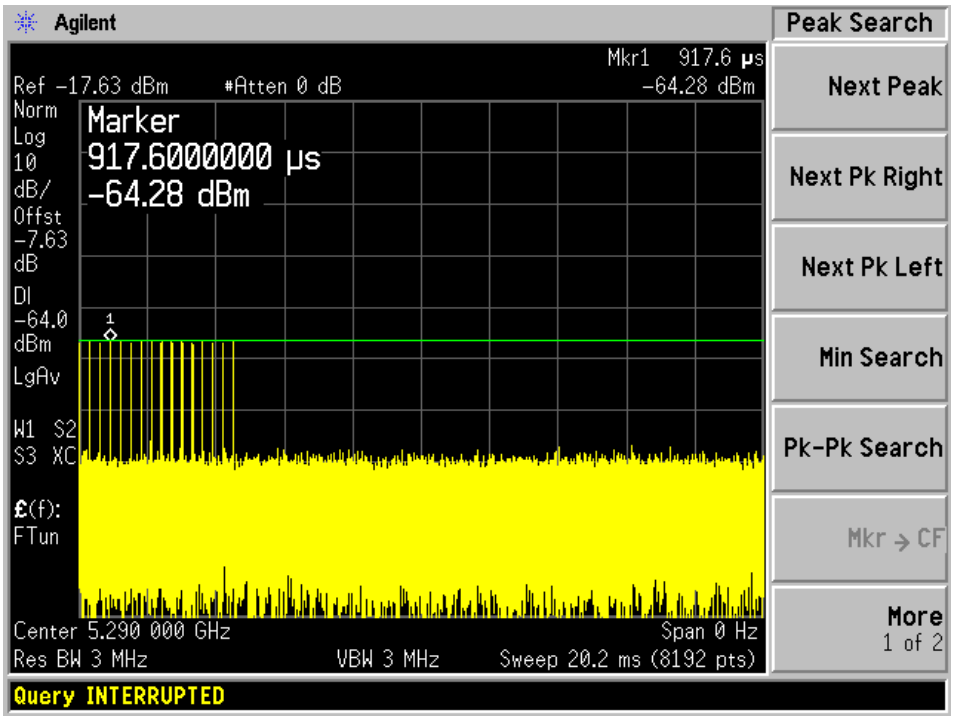

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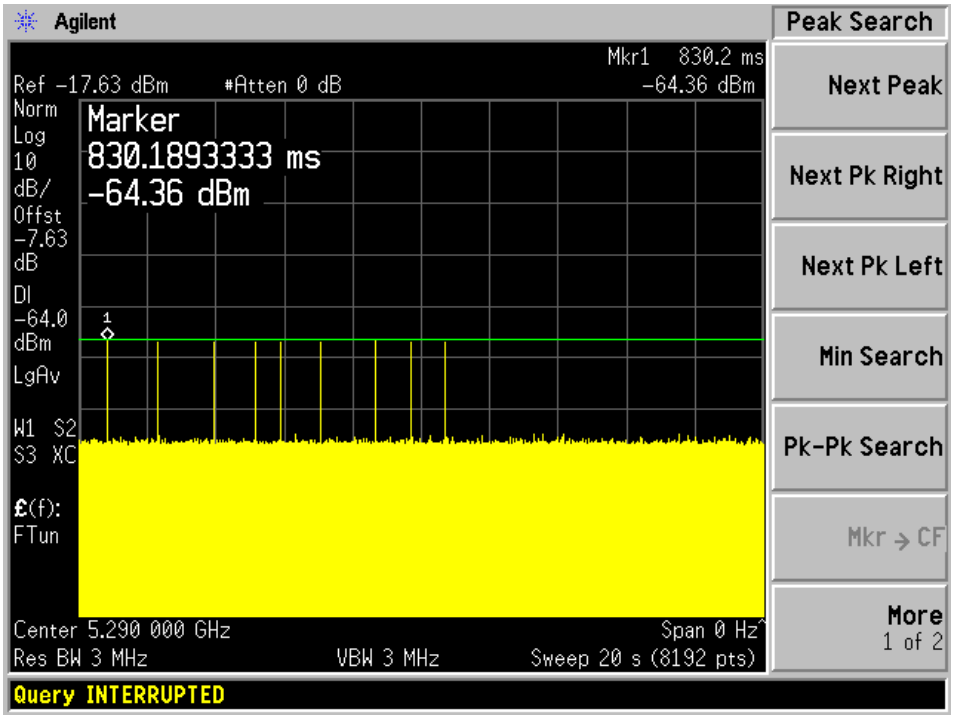
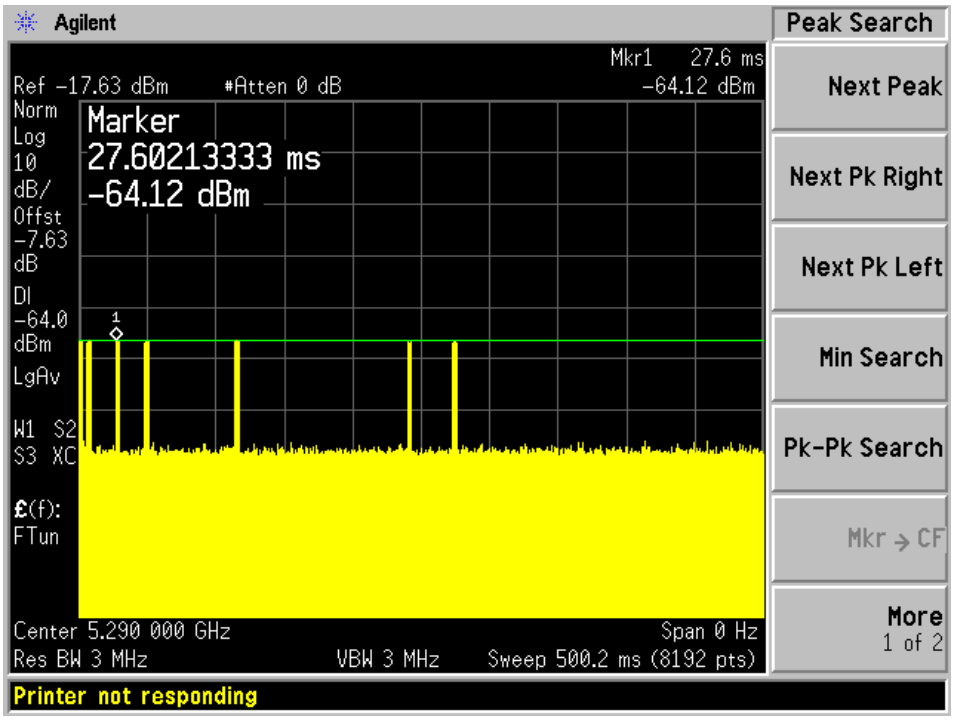
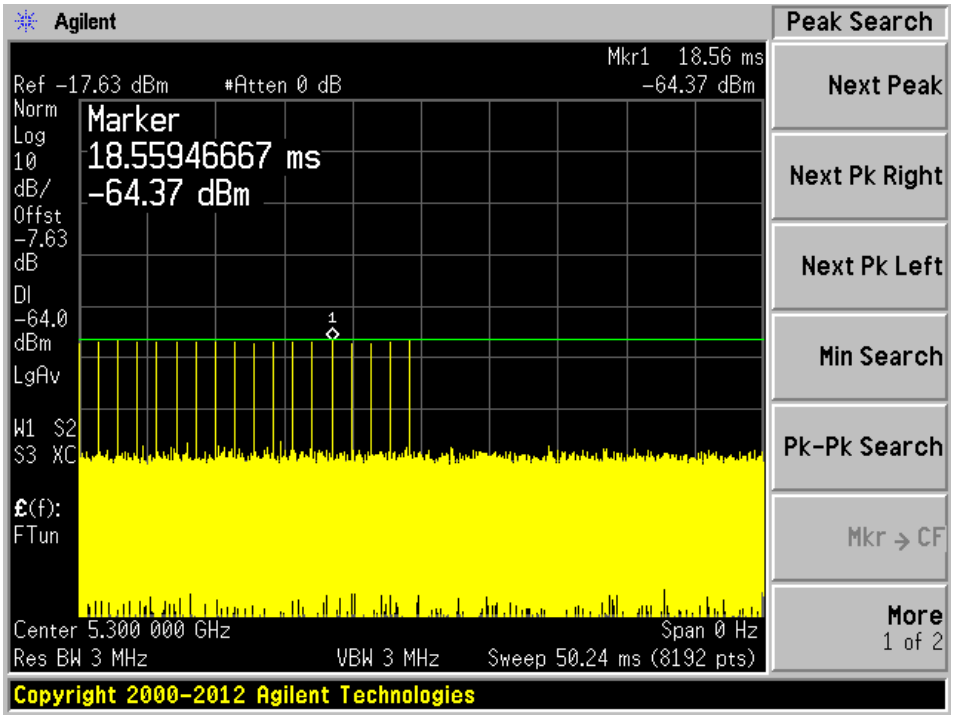


Radar Type 6

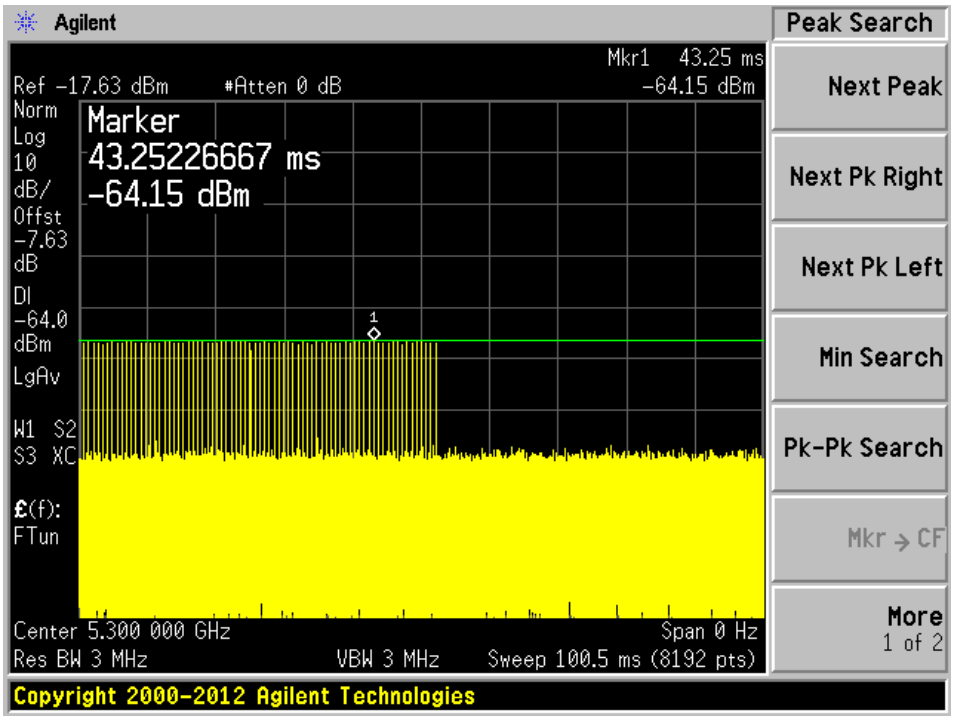


5300 MHz

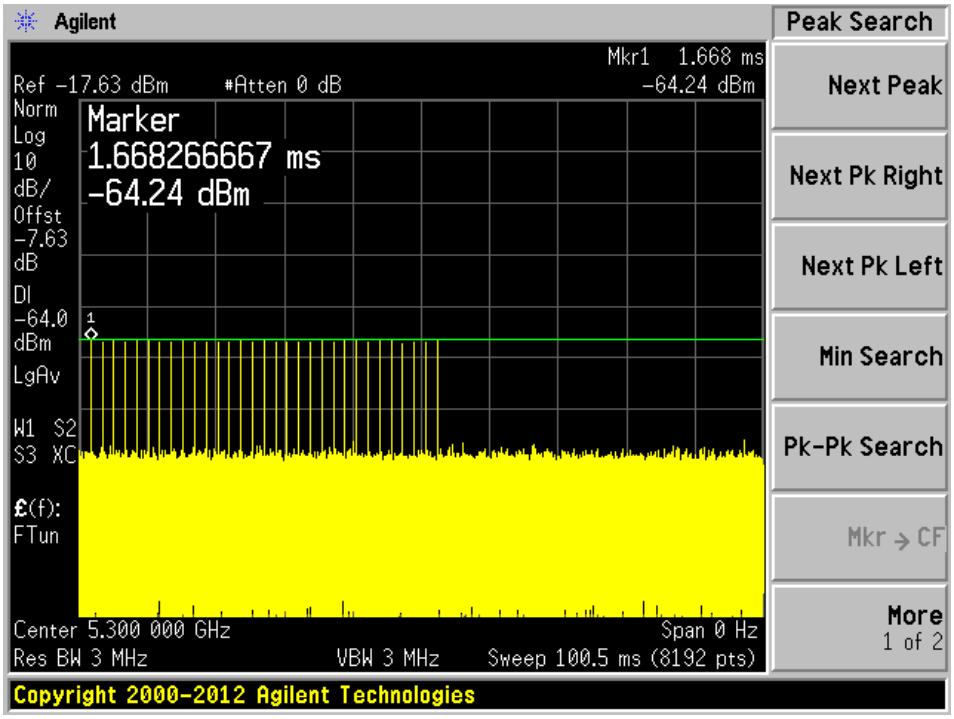
Radar Type 0



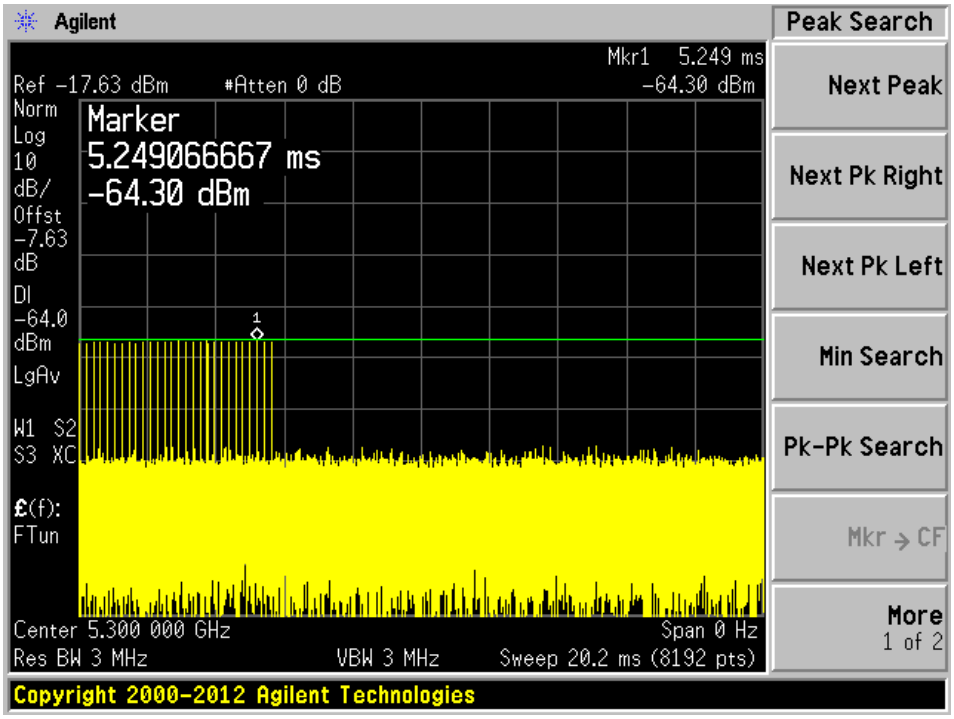
Radar Type 1A



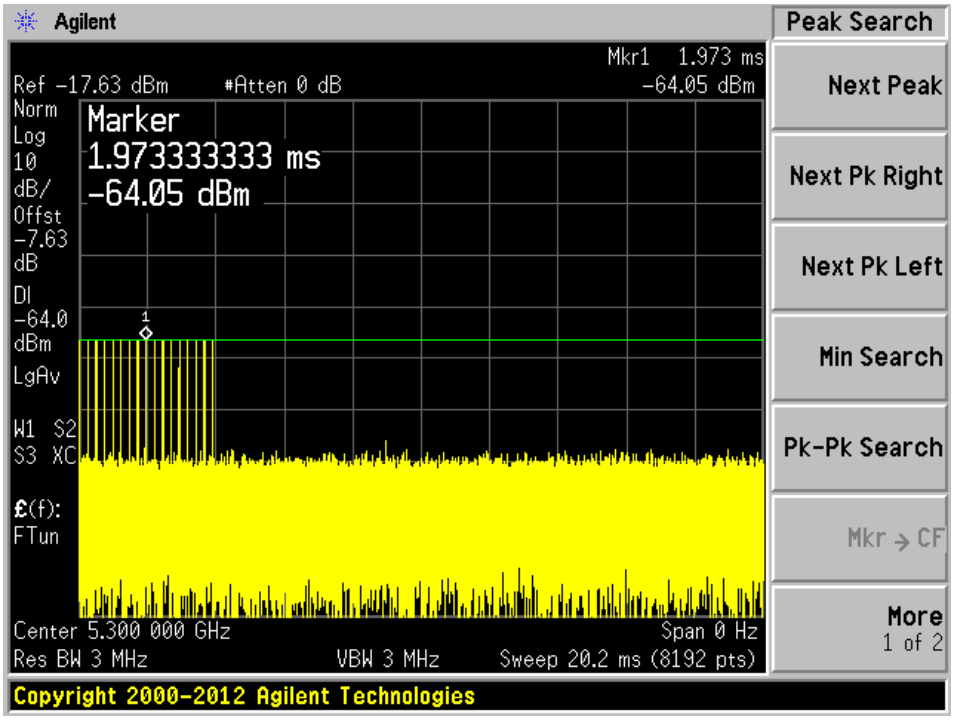
Radar Type 1B



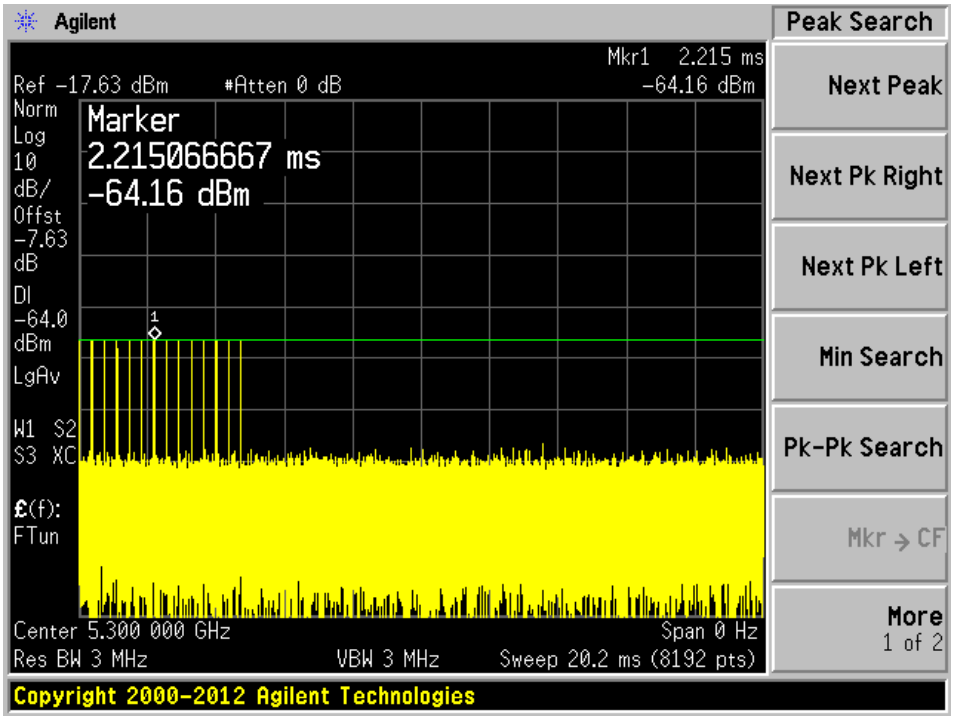
Radar Type 2



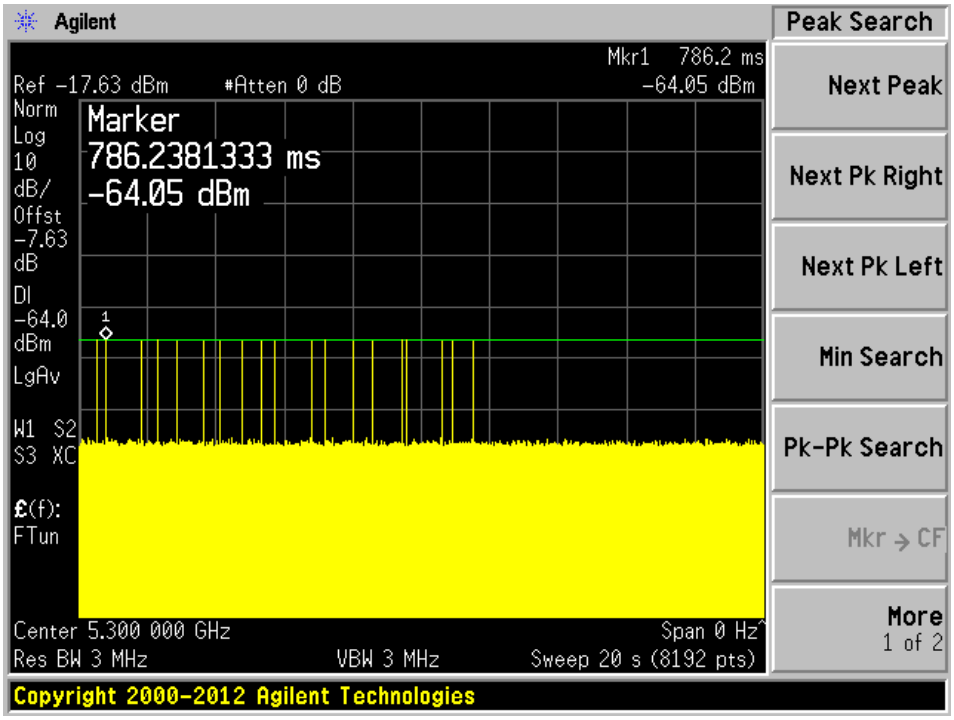
Radar Type 3



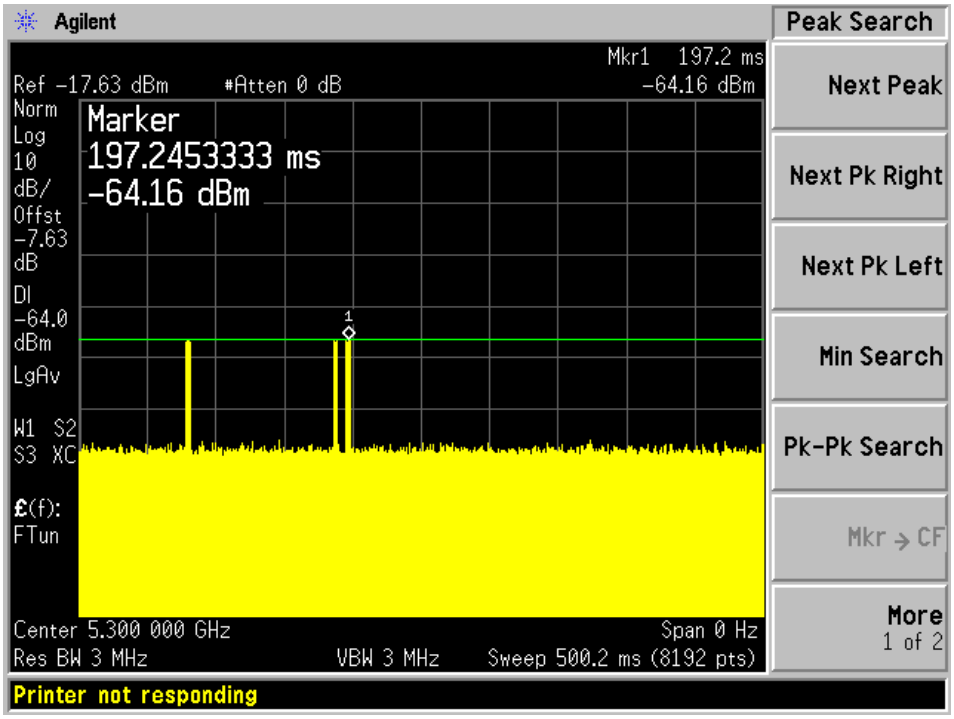
Radar Type 4



Radar Type 5

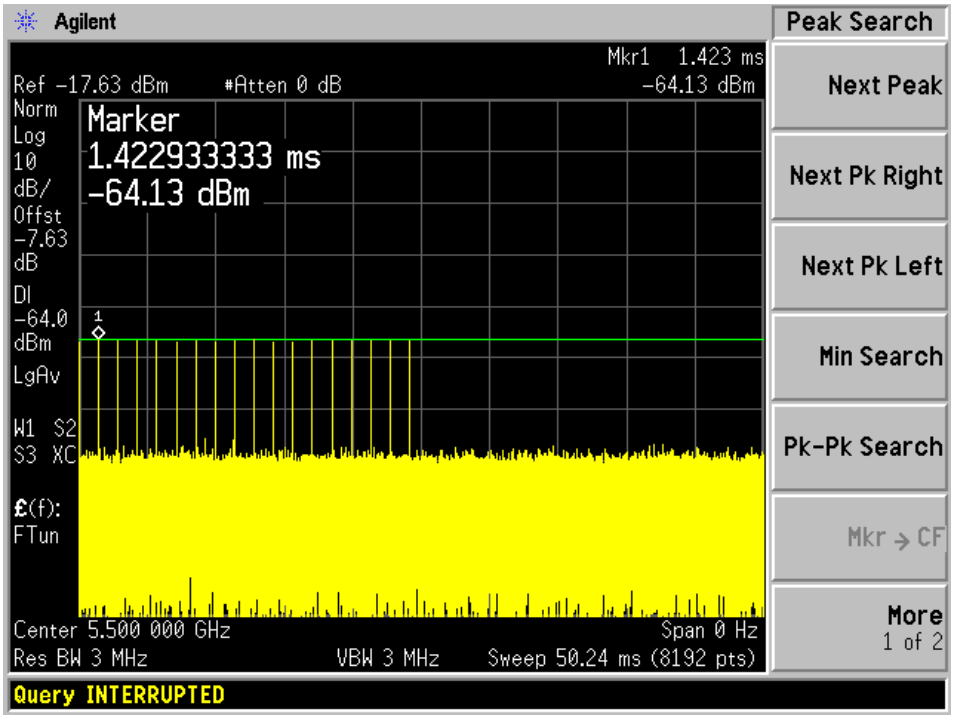


Radar Type 6

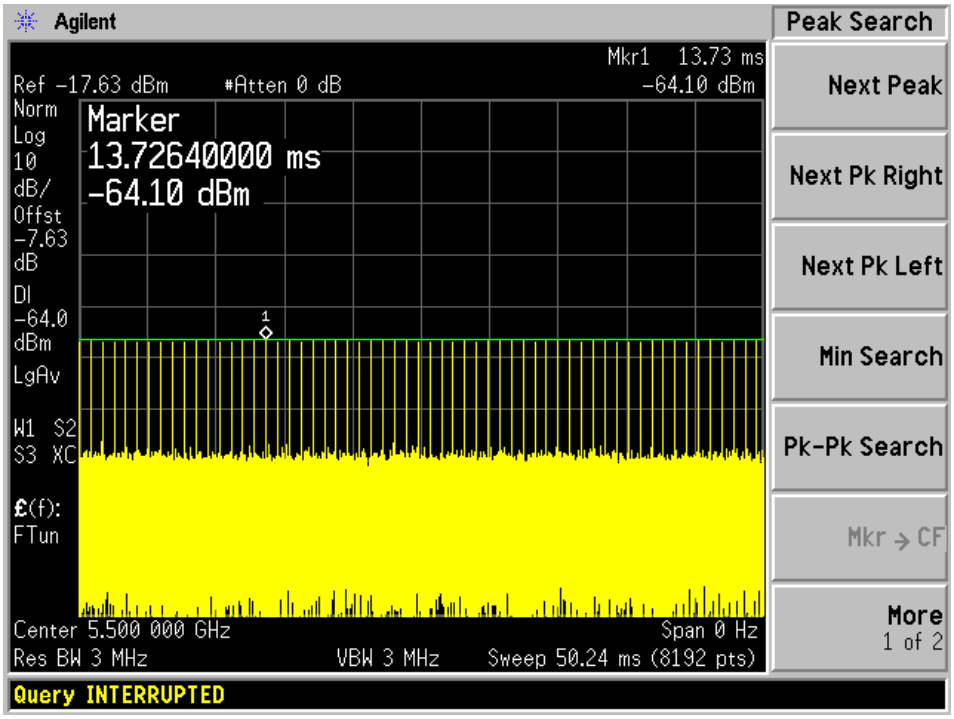


5500 MHz

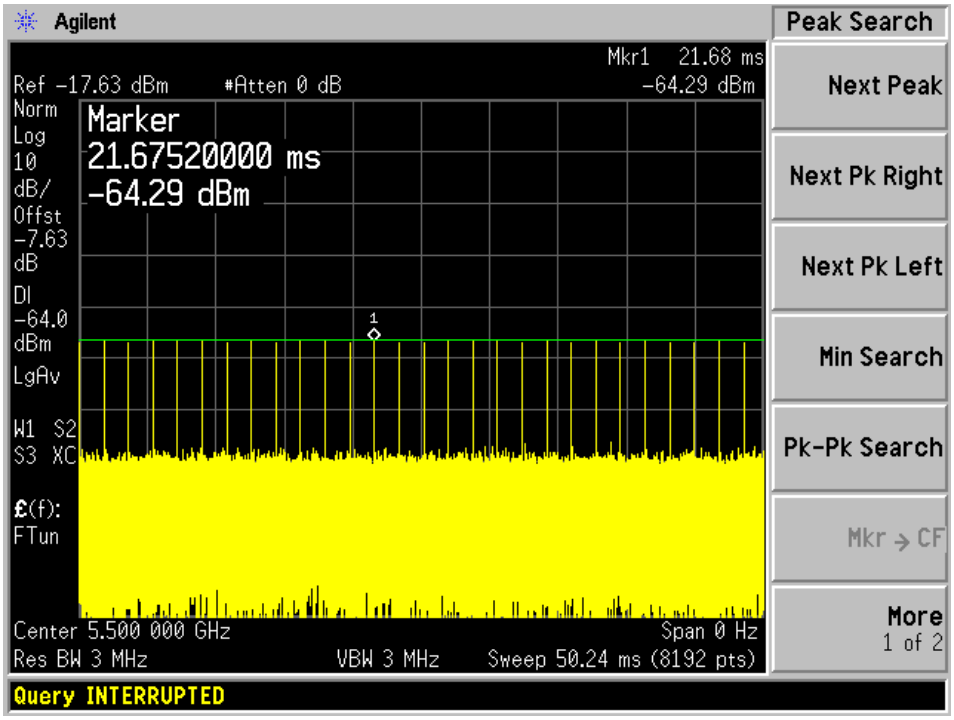
Radar Type 0



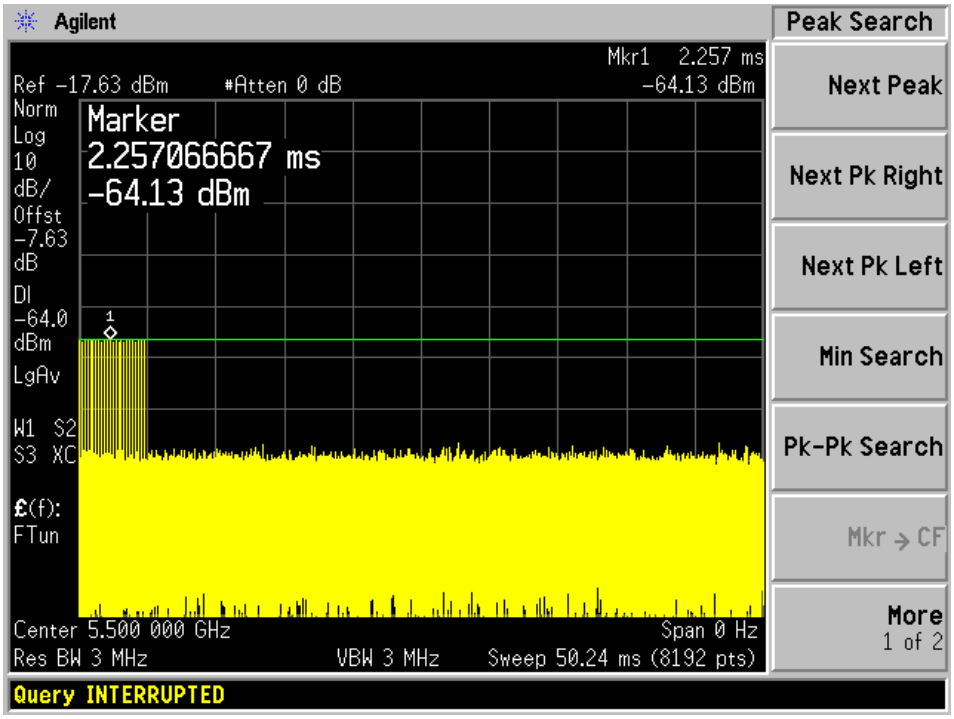
Radar Type 1A



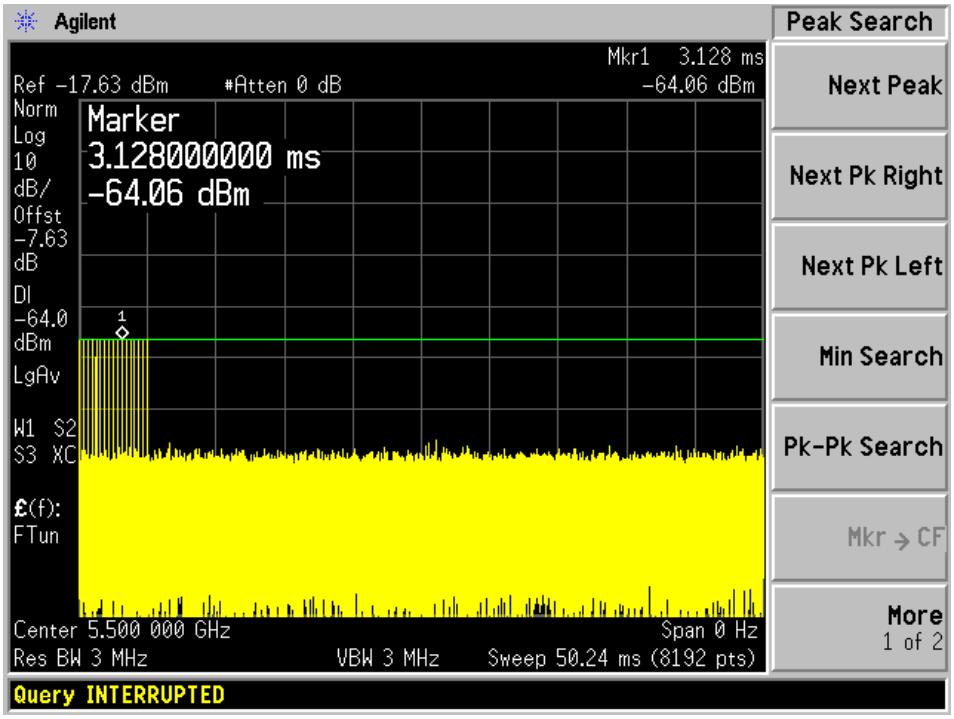
Radar Type 1B



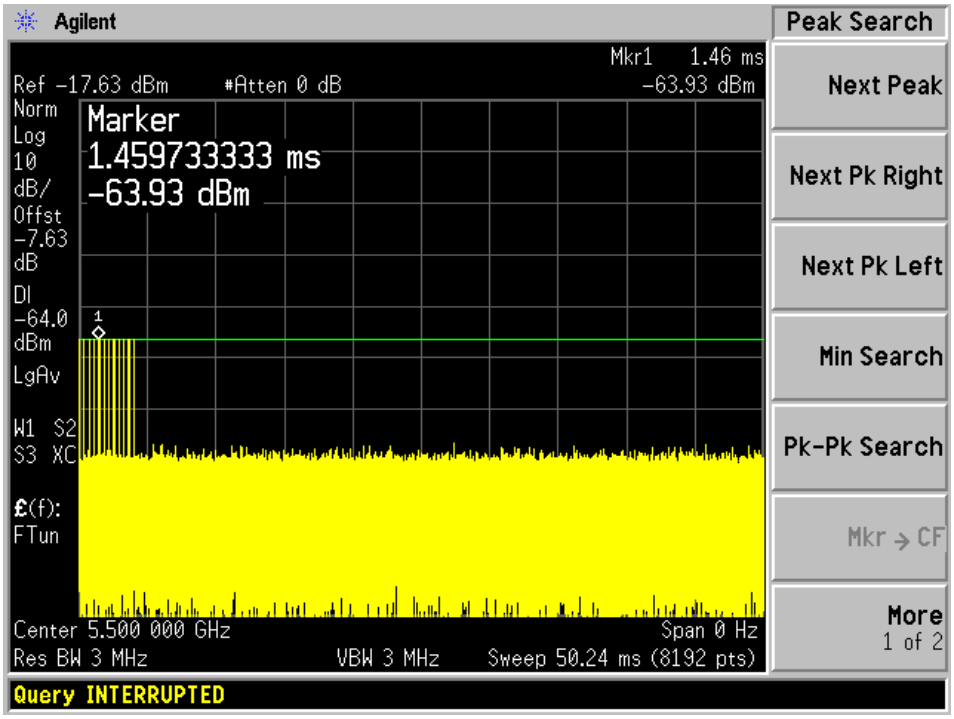
Radar Type 2



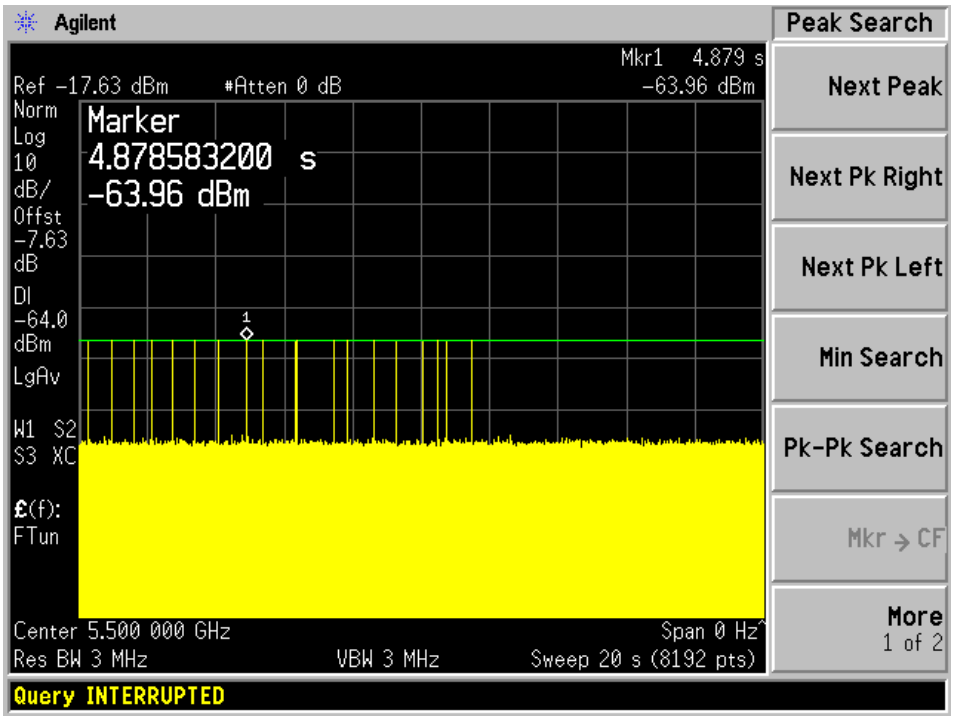
Radar Type 3



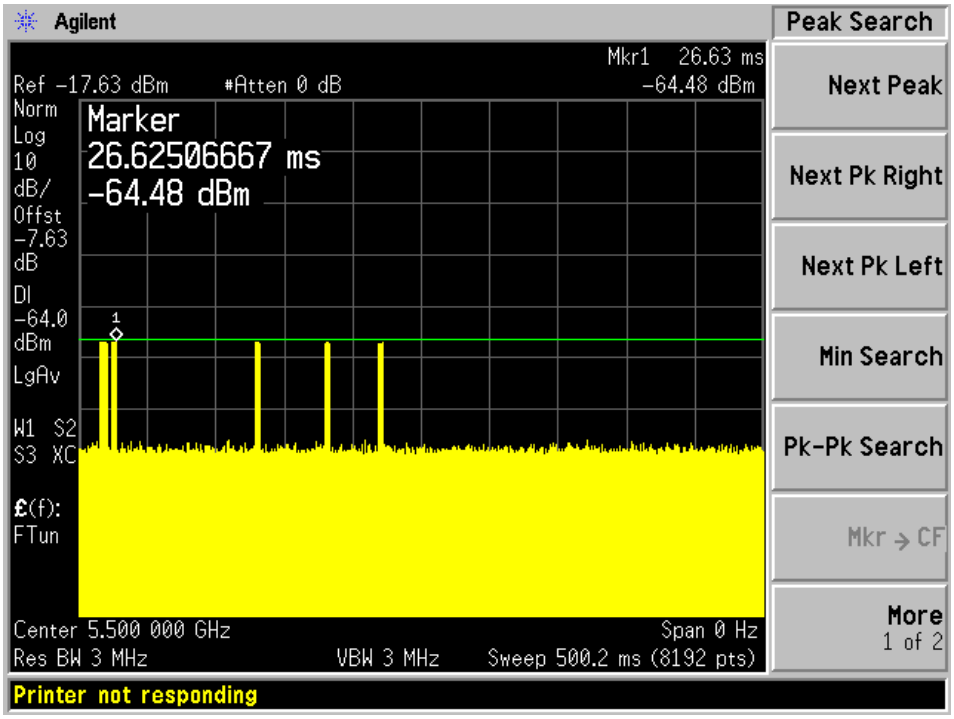
Radar Type 4



Radar Type 5

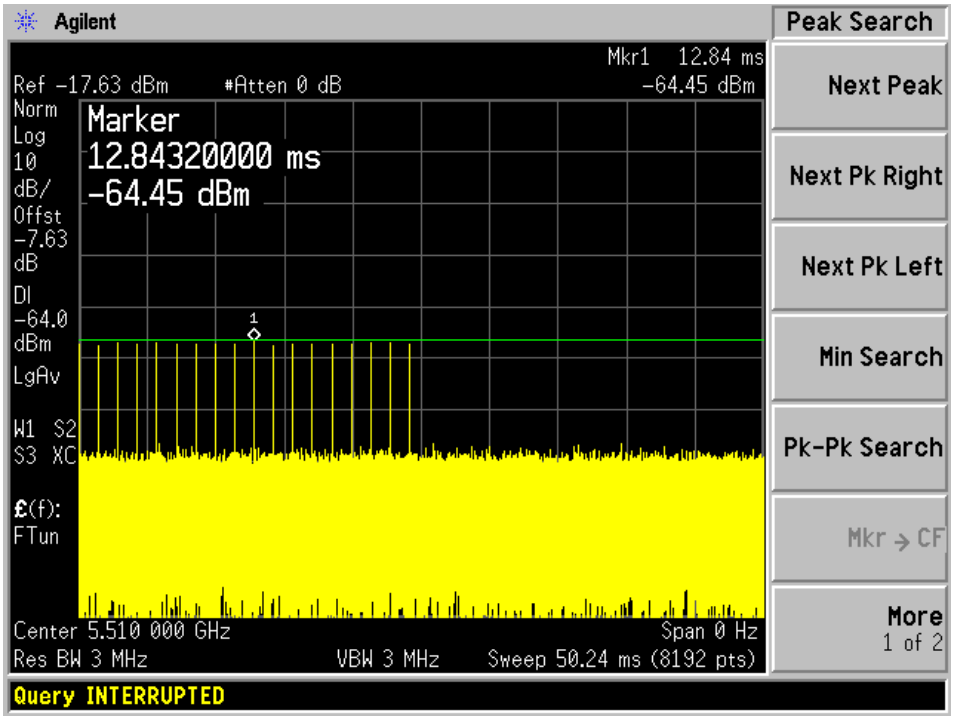


Radar Type 6

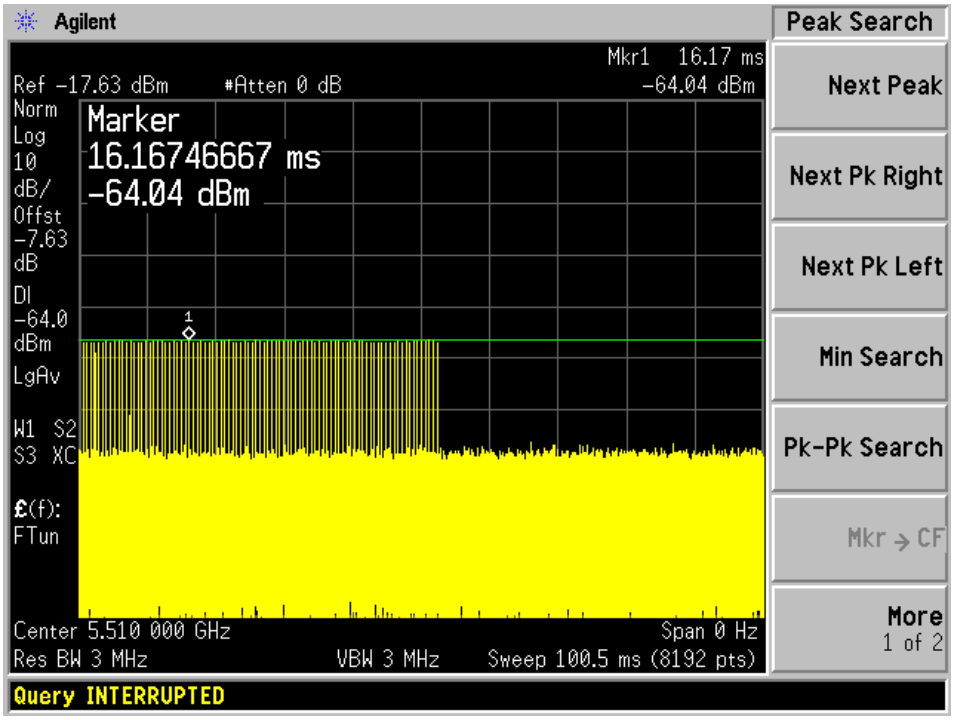


5510 MHz

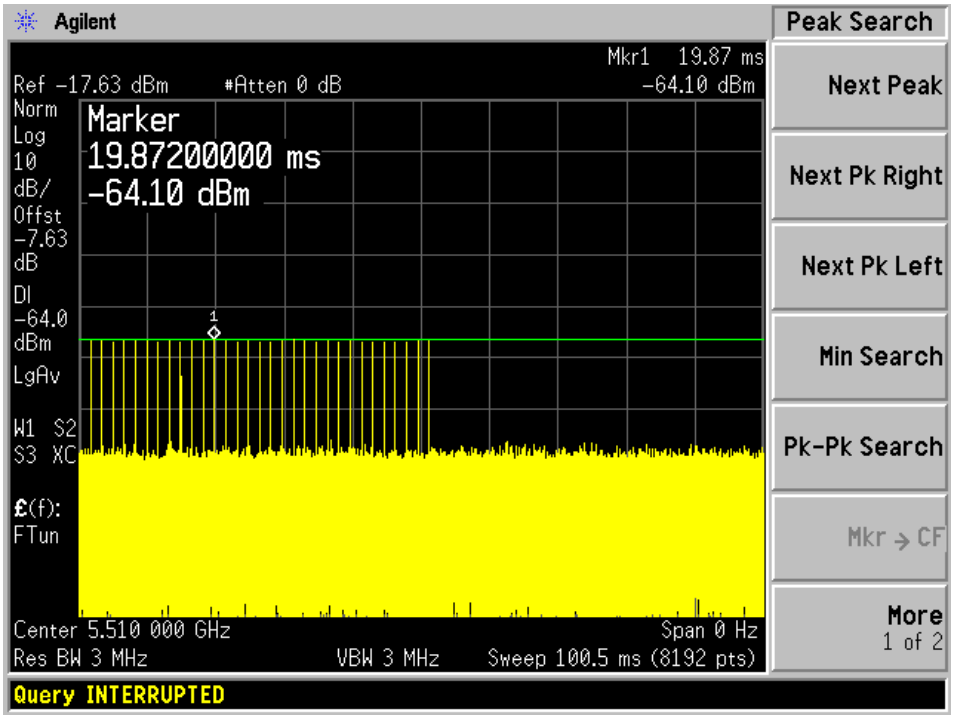
Radar Type 0



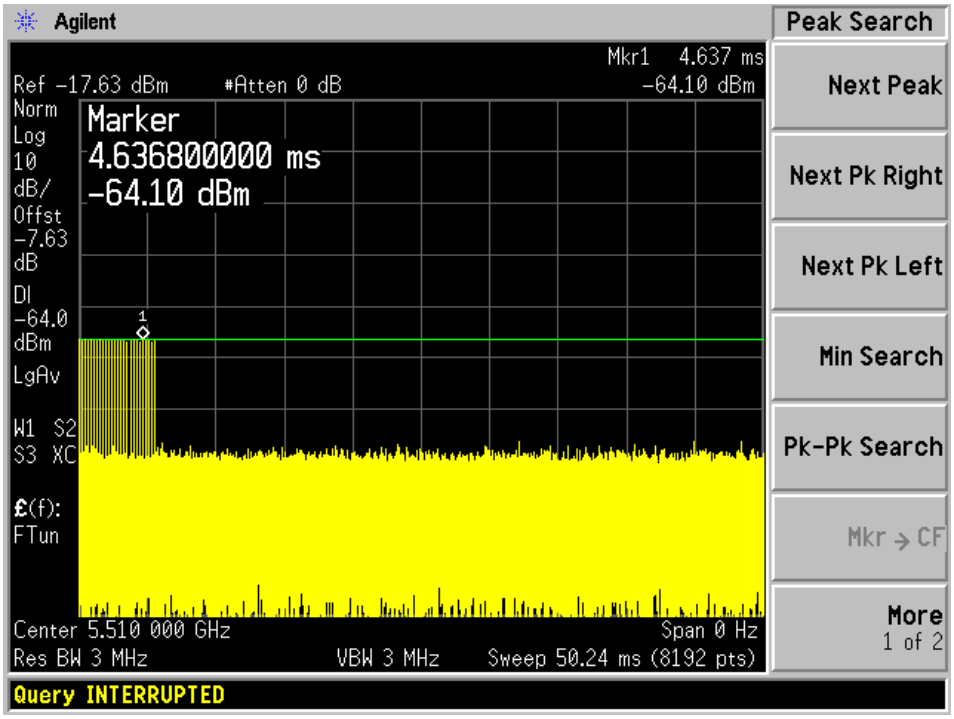
Radar Type 1A



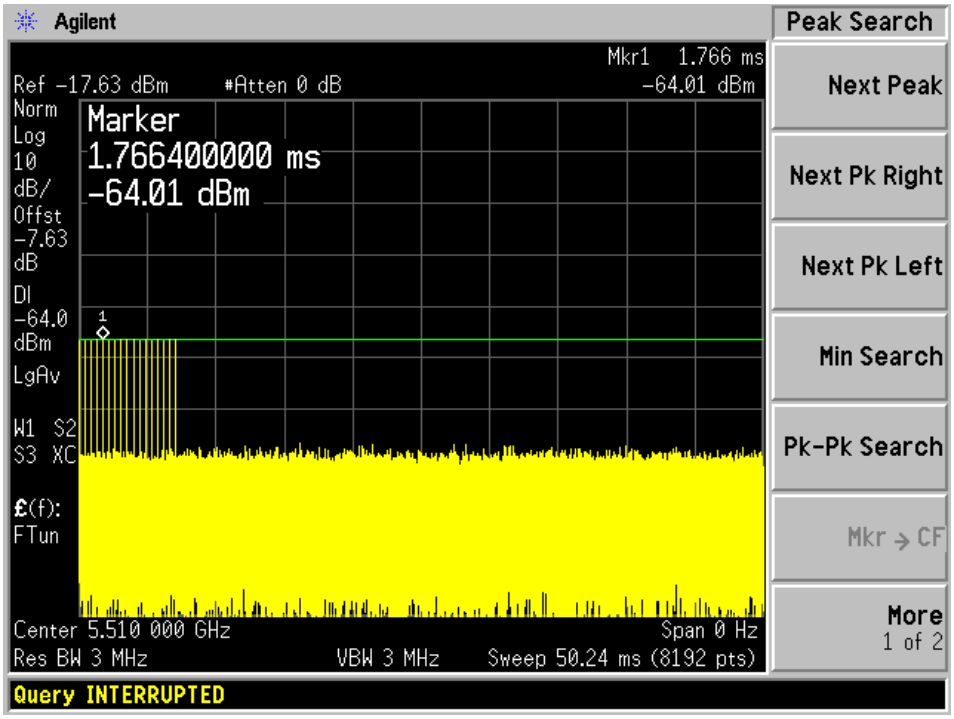
Radar Type 1B



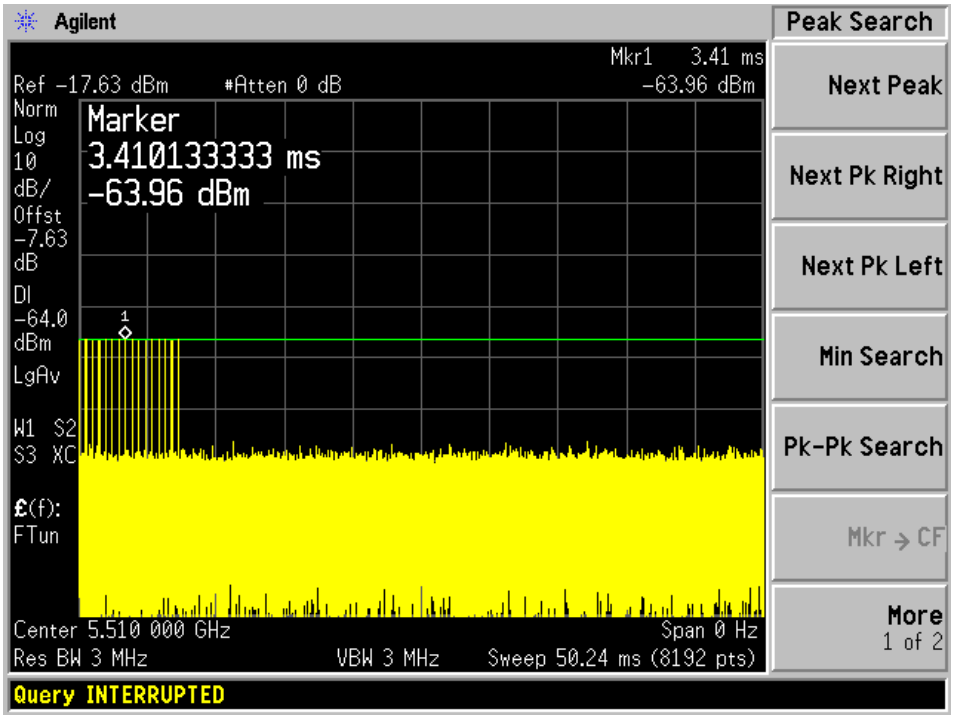
Radar Type 2



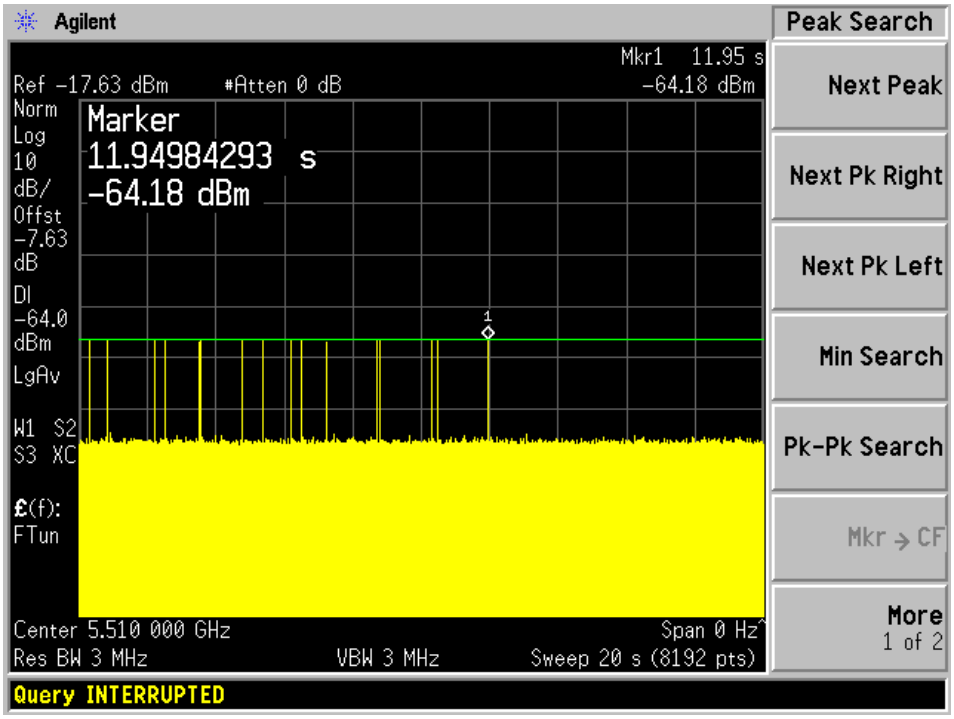
Radar Type 3



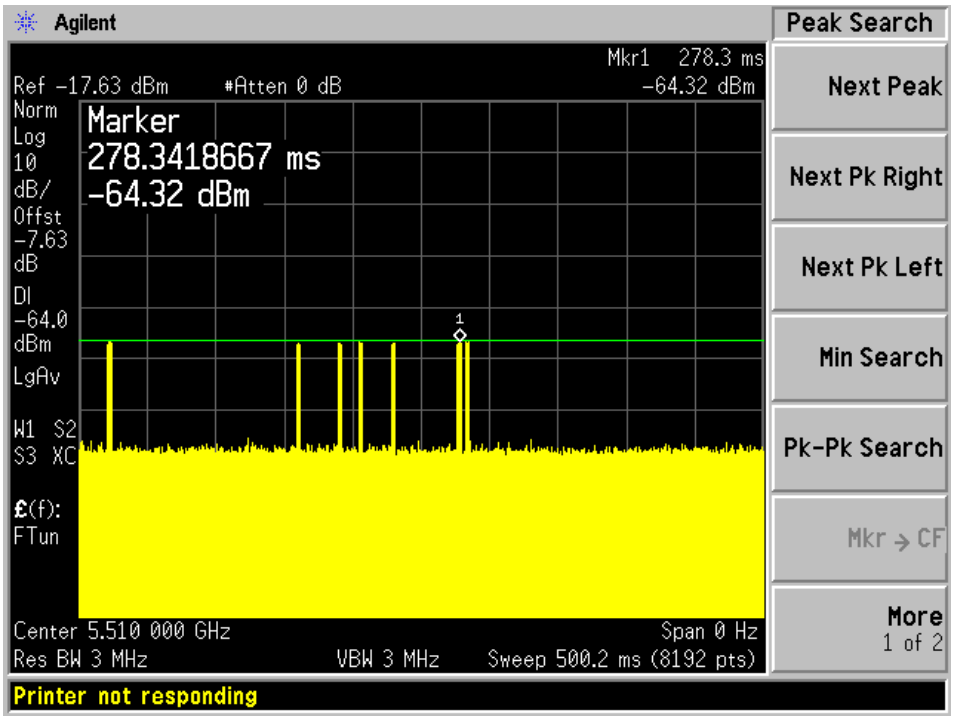
Radar Type 4



Radar Type 5

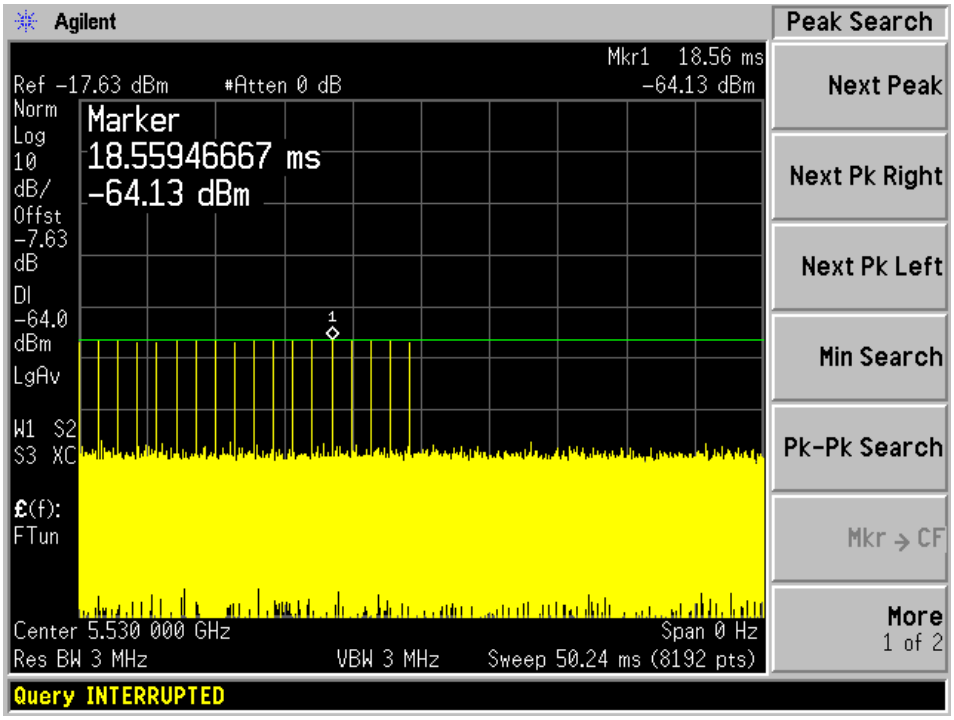


Radar Type 6

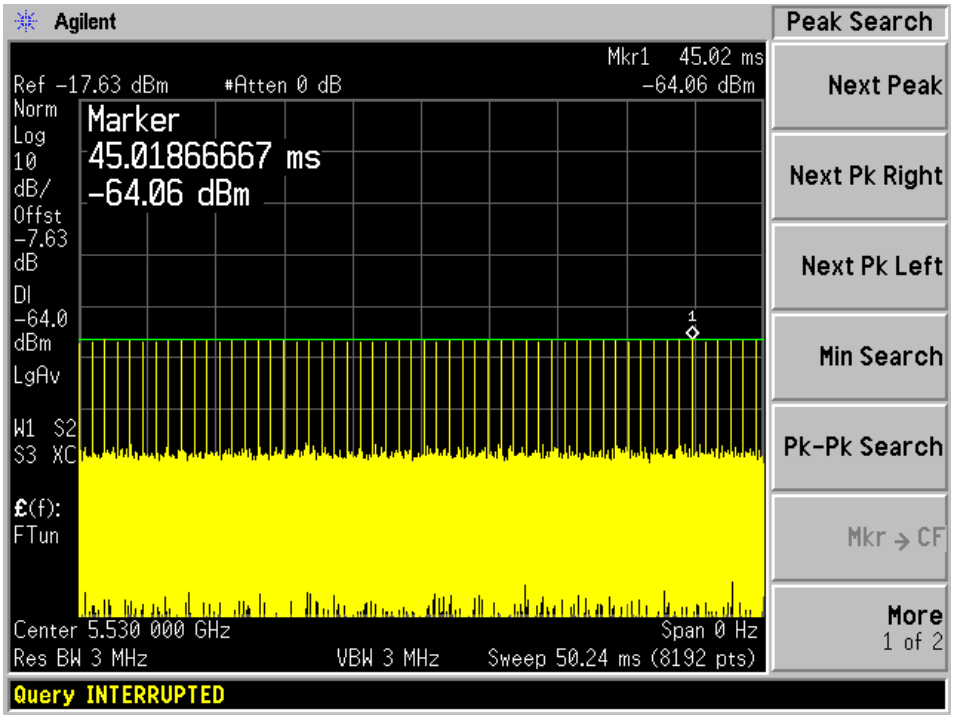


5530 MHz

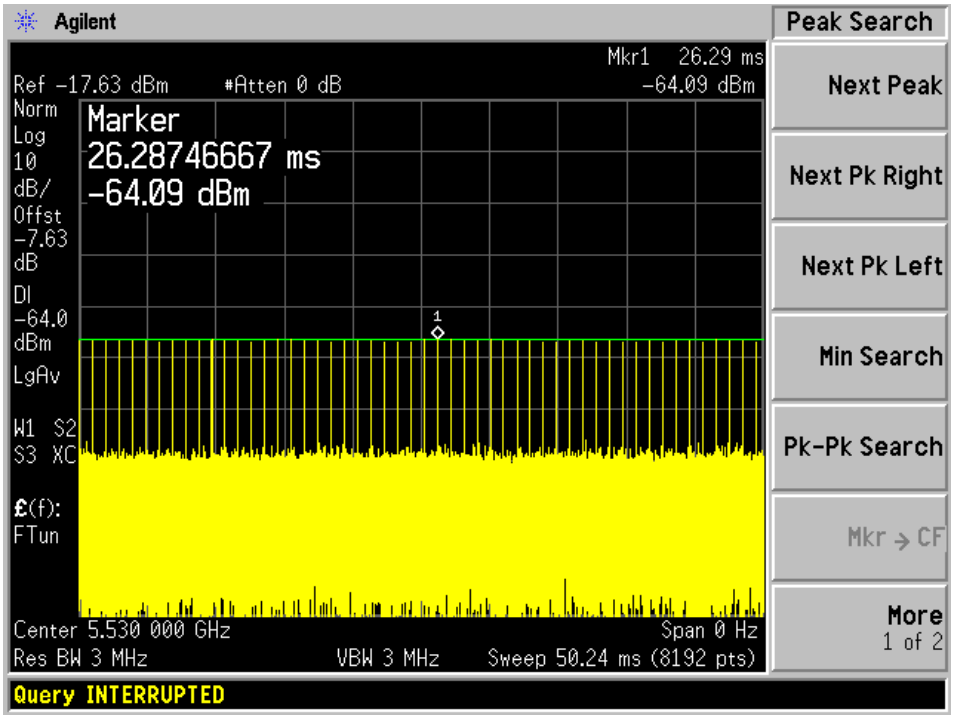
Radar Type 0



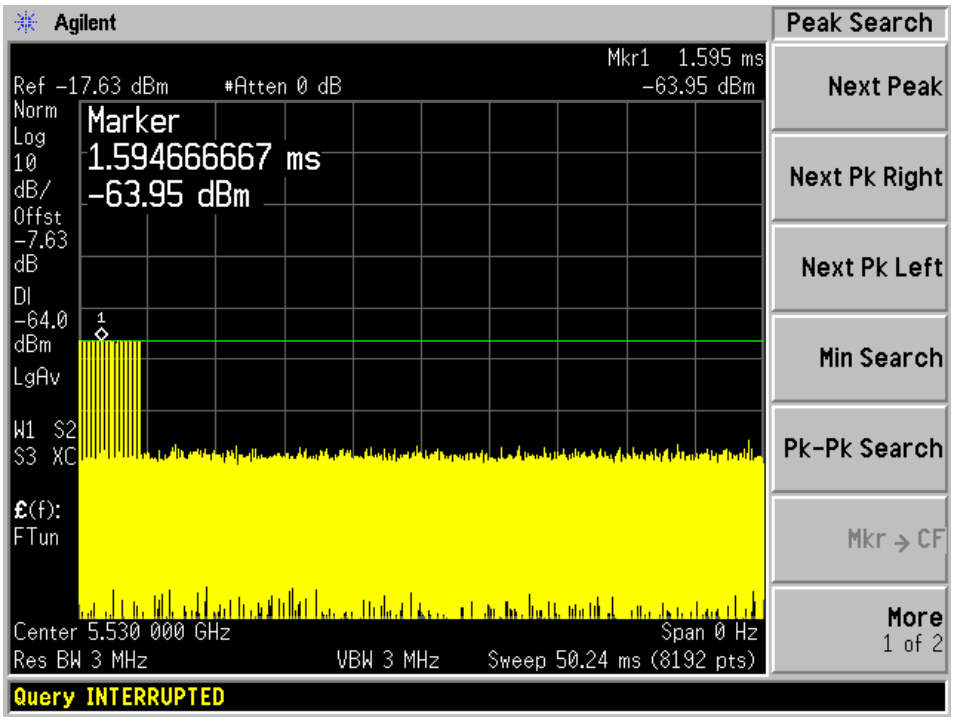
Radar Type 1A



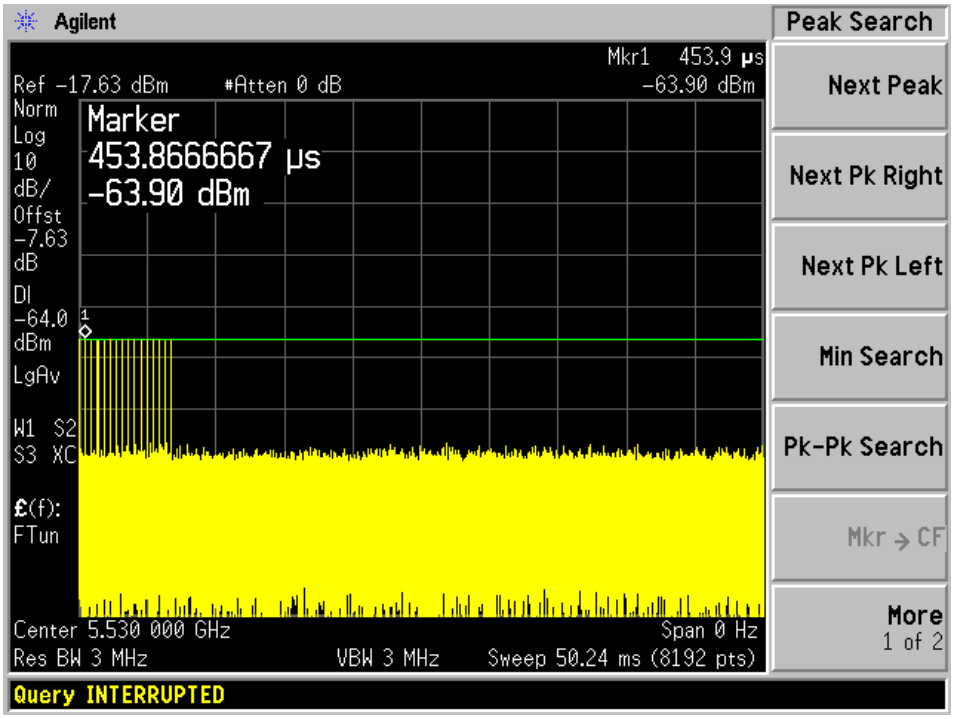
Radar Type 1B



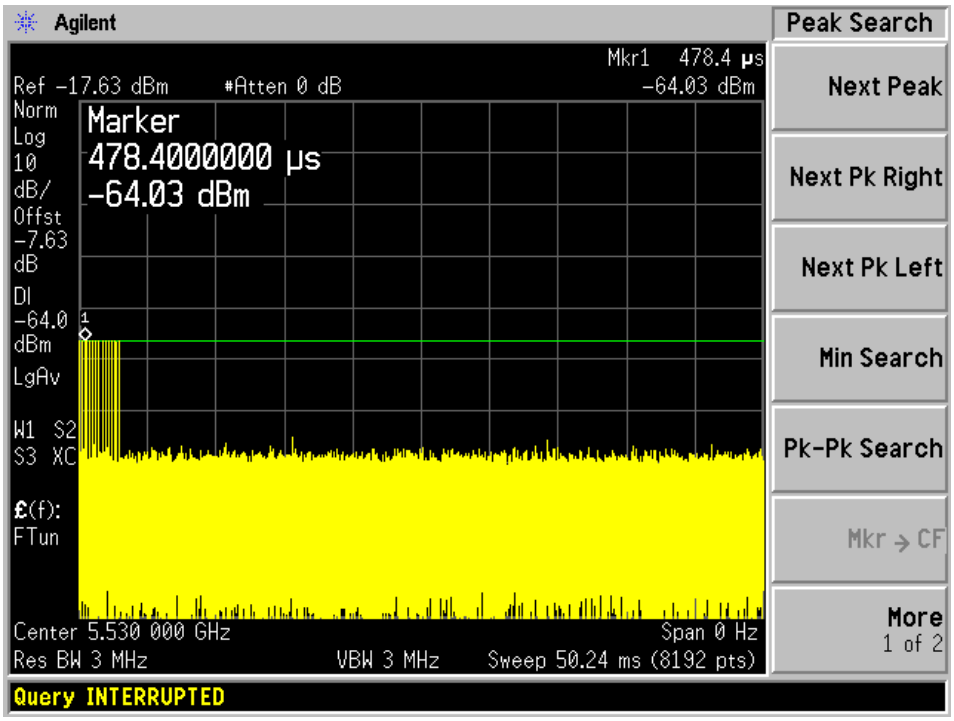
Radar Type 2



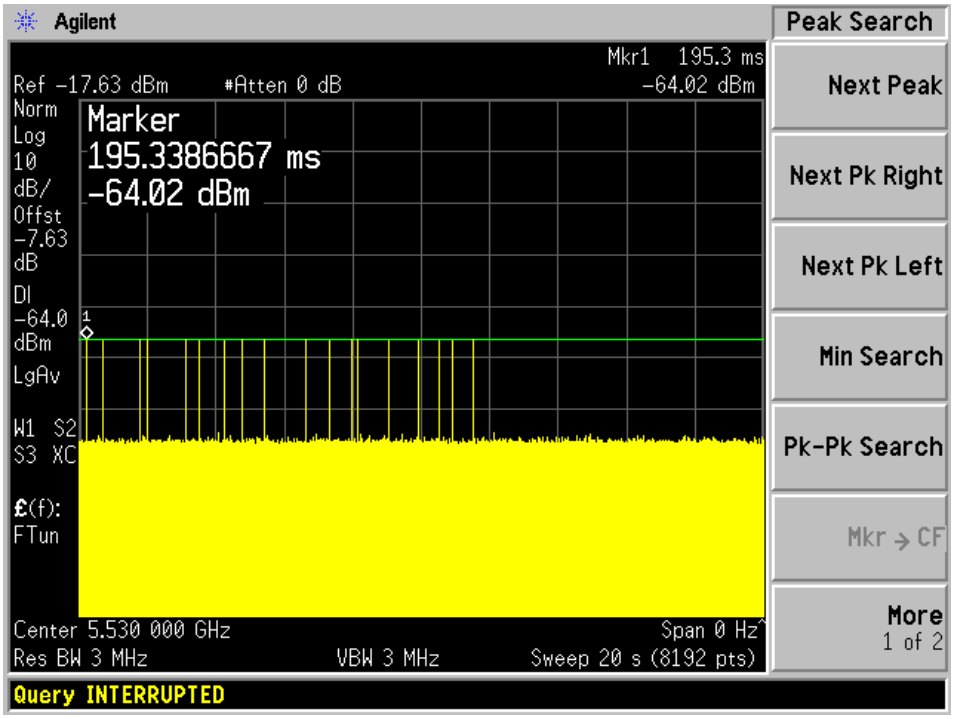
Radar Type 3



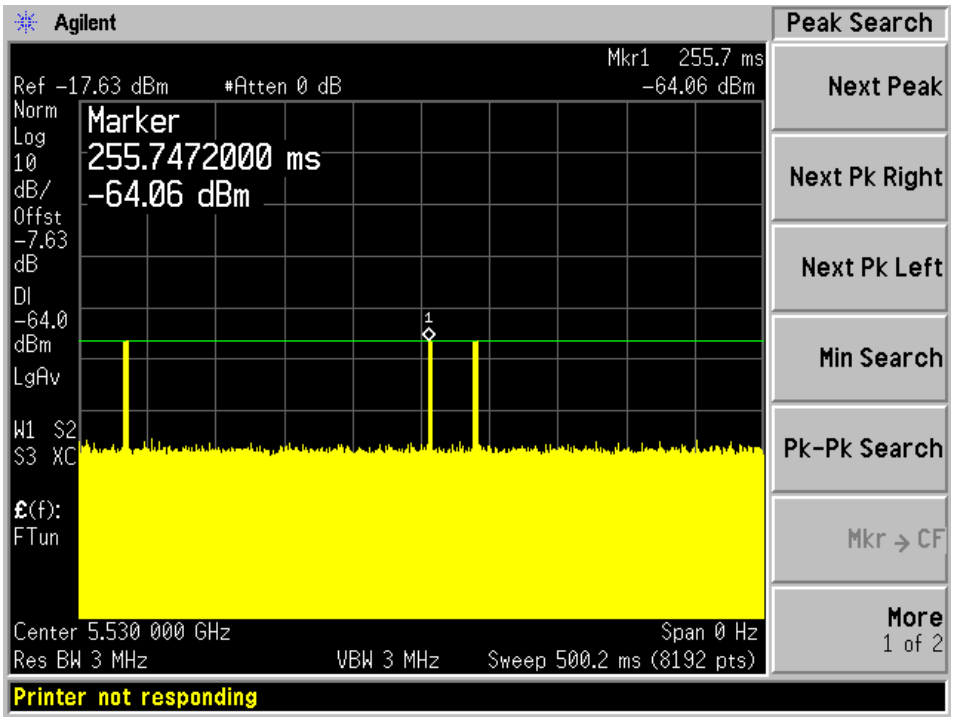
Radar Type 4



Radar Type 5



Radar Type 6



6 Radar Detection Performance Check

6.1 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:

5300 MHz, 20 MHz Bandwidth

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

Please refer to the following statistical tables:

5300 MHz, 20 MHz Bandwidth

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

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5300	28	1	1886	1
2	5300	65	1	813	1
3	5300	18	1	3042	1
4	5300	43	1	1250	1
5	5300	58	1	911	1
6	5300	30	1	1817	1
7	5300	27	1	2017	1
8	5300	31	1	1748	1
9	5300	22	1	2434	1
10	5300	21	1	2526	1
11	5300	19	1	2870	1
12	5300	46	1	1170	1
13	5300	24	1	2247	1
14	5300	62	1	852	1
15	5300	30	1	1781	1
16	5300	28	1	1886	1
17	5300	65	1	813	1
18	5300	18	1	3042	1
19	5300	43	1	1250	1
20	5300	58	1	911	1
21	5300	30	1	1817	1
22	5300	27	1	2017	1
23	5300	31	1	1748	1
24	5300	22	1	2434	1
25	5300	21	1	2526	1
26	5300	19	1	2870	1
27	5300	46	1	1170	1
28	5300	24	1	2247	1
29	5300	62	1	852	1
30	5300	30	1	1781	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	5300	26	3.2	150	1
2	5300	23	1.5	202	1
3	5300	28	3.5	224	1
4	5300	28	4.7	230	1
5	5300	29	1.2	183	1
6	5300	29	4.8	197	1
7	5300	29	1	208	1
8	5300	25	4.9	204	1
9	5300	29	1.2	214	1
10	5300	25	4.1	207	1
11	5300	24	4	222	1
12	5300	29	3.8	201	1
13	5300	27	3.4	159	1
14	5300	23	1.9	208	1
15	5300	28	2	159	1
16	5300	28	4.9	197	1
17	5300	27	4.2	166	1
18	5300	28	3.9	198	1
19	5300	26	1.3	174	1
20	5300	28	4	217	1
21	5300	25	1	155	1
22	5300	29	4.1	174	1
23	5300	29	2.3	155	1
24	5300	26	1.7	162	1
25	5300	24	2.4	190	1
26	5300	27	3.7	155	1
27	5300	24	2.3	213	1
28	5300	26	2.7	164	1
29	5300	25	1.8	152	1
30	5300	26	2.2	206	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	5300	16	7.9	289	1
2	5300	18	6.3	442	1
3	5300	16	9.1	214	1
4	5300	18	6.3	264	1
5	5300	17	6.4	265	1
6	5300	16	7.4	304	1
7	5300	18	8.6	263	1
8	5300	18	9	260	1
9	5300	17	9.2	358	1
10	5300	16	8.8	294	1
11	5300	17	8.5	440	1
12	5300	17	10	259	1
13	5300	18	7.1	469	1
14	5300	18	9.3	229	1
15	5300	16	7.1	255	1
16	5300	17	10	349	1
17	5300	16	7	426	1
18	5300	16	8.2	302	1
19	5300	17	7.5	291	1
20	5300	17	9.5	288	1
21	5300	18	7.6	282	1
22	5300	16	7.7	490	1
23	5300	16	8.6	489	1
24	5300	18	8	316	1
25	5300	18	7.2	241	1
26	5300	18	6.8	362	1
27	5300	16	7.7	285	1
28	5300	16	9	281	1
29	5300	18	8.5	301	1
30	5300	18	7.5	353	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	5300	16	14.6	456	1
2	5300	16	16.2	291	1
3	5300	13	17.8	345	1
4	5300	12	11.6	389	1
5	5300	13	18.4	419	1
6	5300	14	12	252	1
7	5300	12	11.7	221	1
8	5300	15	19	211	1
9	5300	12	16.8	285	1
10	5300	12	15.4	408	1
11	5300	16	14.6	353	1
12	5300	13	19	462	1
13	5300	15	12.1	272	1
14	5300	12	16	255	1
15	5300	14	14.2	443	1
16	5300	14	17.3	450	1
17	5300	12	20	243	1
18	5300	15	11.4	389	1
19	5300	16	19	211	1
20	5300	13	16.9	321	1
21	5300	15	16.2	364	1
22	5300	14	17.3	302	1
23	5300	12	11.9	231	1
24	5300	16	12.7	352	1
25	5300	12	19	316	1
26	5300	12	18.8	252	1
27	5300	15	15.4	258	1
28	5300	15	12	290	1
29	5300	16	20	281	1
30	5300	14	14.5	412	1
Detection Percentage: 100 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Bin5 Statistics 1

CF=5296 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	66.2			0.640585	
1	1	16	93.1			1.116852	
2	2	17	50.7	1343		3.163374	
3	2	18	63.9	1493		3.279304	
4	2	7	90.5	1627		4.426592	
5	2	14	56.9	1219		5.83982	1
6	1	7	63.1			7.12894	
7	2	12	64.7	1469		8.420921	
8	3	10	63.4	1473	1759	9.566505	
9	1	8	77.6			10.314818	
10	2	17	56	1355		11.893525	

Bin5 Statistics 2

CF=5295 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	56.9	1059	1711	0.275382	1
1	2	15	83	1050		1.038995	
2	3	12	74.7	1440	1289	1.85604	
3	2	19	54.8	1100		2.054447	
4	2	15	69	1270		3.081274	
5	2	12	85.2	1381		3.70476	
6	2	9	86.3	1489		4.350815	
7	2	18	85.4	1539		4.804377	
8	2	19	94.7	1955		5.624826	
9	1	11	95.8			6.141748	
10	2	6	57.1	1032		7.071013	
11	2	17	89.2	1059		7.803439	
12	1	7	65.1			8.535724	
13	3	17	58.9	1914	1168	9.21301	
14	2	18	87.9	1289		9.369769	
15	2	12	51	1304		10.087683	
16	2	14	76.4	1883		10.737421	
17	3	10	75.5	1239	1514	11.976036	

Bin5 Statistics 3

CF=5304 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	85.7	1368		0.413475	
1	2	8	93.5	1363		0.974698	
2	2	16	61.3	1105		1.888284	
3	2	17	96.1	1690		2.60903	
4	3	11	79.8	1828	1746	3.454379	
5	3	15	99.4	1657	1339	3.715841	
6	2	18	52.9	1857		4.35231	
7	2	7	62.4	1362		4.979635	
8	3	14	57.4	1046	1925	5.880475	1
9	2	8	83.1	1664		6.466458	
10	2	13	51.4	1570		7.414896	
11	1	16	58.8			8.059848	
12	1	7	97			8.720201	
13	1	7	76.9			9.742522	
14	2	6	89	1686		10.467058	
15	3	5	68.5	1333	1673	10.960889	
16	1	12	59.2			11.36314	

Bin5 Statistics 4

CF=5299 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	67.1	1841	1878	0.235463	1
1	1	7	63.9			1.57421	
2	1	14	89.8			2.736227	
3	1	16	57.2			3.039217	
4	2	20	88.8	1131		4.463789	
5	3	11	71.8	1600	1843	5.244881	
6	2	11	80	1042		6.27166	
7	3	11	90	1764	1204	7.089446	
8	2	20	64.9	1779		8.66372	
9	3	20	65.1	1976	1535	9.017528	
10	3	10	75	1398	1823	10.830385	
11	3	9	56.2	1092	1158	11.11273	

Bin5 Statistics 5

CF=5294 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	14	98.2	1696	1696	0.327907	1
1	3	6	54	1025	1238	0.748359	
2	3	19	69	1799	1979	1.686406	
3	2	10	86.9	1141		2.532003	
4	2	6	85.2	1884		2.899944	
5	2	11	70.9	1572		3.92991	
6	2	17	88.5	1803		4.404003	
7	3	10	76.8	1301	1345	5.114868	
8	3	5	99.3	1720	1189	5.976147	
9	1	16	76.9			6.335187	
10	1	20	92			6.960708	
11	2	14	56.5	1819		7.815787	
12	2	10	84.6	1033		8.432407	
13	2	10	89.6	1081		8.719001	
14	1	19	52.5			9.45121	
15	1	12	58.9			10.414716	
16	2	16	75.8	1304		10.819422	
17	3	18	99.2	1593	1385	11.339891	

Bin5 Statistics 6

CF=5304 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	57.9	1400		0.388961	1
1	3	15	73.6	1474	1432	2.027347	
2	2	14	71.5	1185		3.782374	
3	1	11	50.5			5.119292	
4	2	8	84.5	1038		6.452062	
5	3	9	96.7	1436	1959	8.980044	
6	2	14	55.4	1849		9.571785	
7	1	15	82.3			11.811932	

Bin5 Statistics 7

CF=5303 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	82.7	1073		0.049899	
1	2	13	65.1	1720		1.836601	
2	3	14	52.1	1551	1980	2.066244	
3	3	12	96.7	1584	1063	2.860274	
4	1	11	92.2			4.312437	
5	2	7	65.2	1280		5.434982	
6	1	9	89.3			5.796242	1
7	1	18	82.1			6.958696	
8	1	13	71.1			8.106036	
9	2	16	65.8	1755		9.054929	
10	1	10	85.6			9.924983	
11	1	15	63.9			10.394159	
12	2	11	87.3	1447		11.59605	

Bin5 Statistics 8

CF=5300 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	64.5	1384	1628	0.101137	
1	2	13	71.4	1462		2.065163	
2	2	18	80	1379		2.443977	
3	2	18	97.6	1258		3.351442	
4	2	5	64.9	1995		4.830805	
5	1	20	95.5			5.724972	1
6	1	9	65.6			7.596122	
7	2	13	84.3	1420		7.816349	
8	1	11	56.3			9.277615	
9	2	12	68.8	1652		10.862849	
10	3	17	89.3	1958	1398	11.44527	

Bin5 Statistics 9

CF=5295 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	70.7	1951	1147	0.496408	1
1	3	5	90.4	1135	1509	1.746062	
2	2	7	53.7	1726		2.49201	
3	2	17	68.1	1409		3.937454	
4	2	14	73.6	1054		4.065335	
5	3	10	50.1	1727	1154	5.504918	
6	2	6	60.9	1603		6.774262	
7	1	20	76.9			7.468147	
8	2	17	70.1	1275		8.129765	
9	1	8	86.2			9.763418	
10	1	16	71.3			10.197116	
11	3	15	60.3	1368	1243	11.622873	

Bin5 Statistics 10

CF=5301 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	97.5	1877		0.021811	1
1	1	19	83.8			1.062855	
2	3	13	74.8	1825	1358	1.818349	
3	1	15	61.7			2.633623	
4	2	13	76.3	1089		3.193756	
5	1	14	99.7			3.484381	
6	3	19	69.7	1816	1291	4.526286	
7	1	8	66.2			5.157653	
8	2	20	99.4	1352		5.977332	
9	2	14	51.6	1276		6.241311	
10	2	16	95.4	1982		7.110178	
11	1	5	80.1			7.70845	
12	2	8	66.9	1117		8.219466	
13	1	5	85.4			8.856907	
14	1	7	58			9.464977	
15	1	14	79.9			10.281997	
16	2	13	56.4	1868		10.779422	
17	3	16	58.9	1634	1069	11.950663	

Bin5 Statistics 11

CF=5294 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	81.7	1426	1663	0.548265	1
1	2	19	97.4	1329		0.869661	
2	2	13	79.9	1424		1.879949	
3	3	14	64.8	1265	1581	2.619023	
4	2	5	82.3	1524		2.997539	
5	2	19	74	1894		3.742404	
6	3	15	74.6	1190	1158	4.479043	
7	2	14	52.2	1983		4.951333	
8	2	13	96.6	1768		5.484606	
9	2	16	64.6	1659		6.07552	
10	2	17	79.2	1796		7.037945	
11	2	13	73	1819		7.749563	
12	3	18	70.1	1596	1168	8.481862	
13	3	11	79	1573	1808	9.063575	
14	3	17	92	1254	1077	9.468028	
15	3	11	98.2	1538	1450	10.428679	
16	2	16	97.9	1207		11.158929	
17	2	20	56.1	1001		11.987907	

Bin5 Statistics 12

CF=5305 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	92.3	1334		0.494375	
1	2	12	90.9	1099		0.996048	
2	1	19	91.1			1.578666	
3	3	15	98	1051	1951	2.008307	
4	2	10	78.2	1485		2.630072	
5	3	14	93.4	1847	1783	3.391379	
6	2	15	99.8	1764		3.863907	
7	2	19	50.2	1341		5.02175	
8	2	18	68.7	1724		5.368052	
9	2	9	61.7	1966		5.887702	1
10	3	12	80.9	1321	1756	6.901708	
11	2	18	99.6	1761		7.138733	
12	3	17	52	1367	1708	8.007451	
13	3	13	54.1	1866	1559	8.456275	
14	2	8	53.4	1544		9.365158	
15	3	19	55.6	1680	1686	9.711136	
16	1	6	97.9			10.173436	
17	2	15	58.1	1322		11.2668	
18	2	13	75.2	1409		11.526339	

Bin5 Statistics 13

CF=5294 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	63.9	1978		0.161936	
1	3	16	75.6	1677	1724	1.681901	
2	3	8	68.4	1952	1602	2.681581	
3	2	20	93.9	1209		3.639592	
4	3	8	59.7	1270	1233	5.158629	
5	2	14	79.6	1709		6.392088	1
6	3	17	89.7	1225	1417	7.351067	
7	2	10	86.2	1200		7.832955	
8	3	12	98.2	1797	1662	9.260119	
9	2	20	81.6	1536		10.339118	
10	2	11	92	1656		11.273633	

Bin5 Statistics 14

CF=5298 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	79.1			0.652036	
1	1	19	77.4			0.907026	
2	3	15	86.4	1682	1417	1.534494	
3	2	11	53.2	1610		2.126722	
4	3	20	68.4	1645	1153	2.997613	
5	1	16	65.5			3.595843	
6	2	15	62.8	1584		4.653555	
7	2	9	89.4	1268		5.061249	
8	2	12	63.6	1793		6.300141	1
9	3	20	53.2	1256	1304	6.760408	
10	2	17	99.5	1062		7.40724	
11	2	19	82.3	1031		8.06354	
12	2	10	75.7	1791		9.063052	
13	1	9	69.8			9.217392	
14	2	20	93.6	1153		9.947934	
15	3	18	55.9	1381	1014	11.12926	
16	2	10	63.8	1868		11.787761	

Bin5 Statistics 15

CF=5298 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	16	55.1	1844	1294	0.359492	1
1	2	13	58.3	1505		0.830099	
2	3	7	92.3	1844	1683	1.474424	
3	3	14	53.3	1347	1391	2.318998	
4	2	6	51.5	1137		3.325399	
5	2	16	81.7	1964		3.423527	
6	2	16	71.7	1537		4.145696	
7	1	17	97.9			4.687466	
8	3	7	50.4	1620	1700	5.368239	
9	3	18	52.4	1597	1086	6.366019	
10	3	16	69.4	1281	1723	7.162811	
11	1	18	63.6			7.741598	
12	2	19	53	1476		8.359932	
13	2	18	82.8	1716		8.929541	
14	2	11	71.1	1704		9.440431	
15	3	16	83.2	1474	1021	10.534629	
16	1	12	87.1			10.977817	
17	3	16	77.1	1776	1773	11.631634	

Bin5 Statistics 16

CF=5295 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	53	1747	1632	0.645458	1
1	2	14	90.4	1914		1.199404	
2	1	7	61.6			2.443125	
3	1	9	62.2			3.163386	
4	2	9	71.2	1658		3.576658	
5	2	8	93.5	1368		4.933744	
6	3	19	87.1	1556	1165	5.302677	
7	2	15	65.7	1024		6.797418	
8	2	5	94.6	1946		7.293709	
9	3	17	73	1912	1680	8.040036	
10	3	12	84.6	1623	1186	9.062282	
11	3	14	95.4	1001	1873	9.471981	
12	1	9	60.4			10.435662	
13	1	8	72.8			11.636314	

Bin5 Statistics 17

CF=5295 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	83.7	1407	1663	0.724177	
1	2	12	60.1	1894		1.49296	
2	1	12	75.3			2.364209	
3	2	9	80.9	1182		3.082089	
4	3	10	75.8	1763	1109	3.220642	
5	2	10	78.3	1588		4.634589	
6	1	17	66.6			4.900513	
7	2	18	63.7	1257		5.620272	1
8	2	7	79.5	1518		6.470645	
9	1	17	57.8			7.95933	
10	3	10	79.8	1015	1361	8.413786	
11	3	14	61.8	1476	1319	8.841364	
12	2	15	75.7	1460		9.985564	
13	1	11	77.3			11.038594	
14	1	14	60			11.314742	

Bin5 Statistics 18

CF=5302 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	61.3	1187	1114	0.270078	
1	3	6	86.6	1885	1799	0.949827	
2	2	13	59.4	1787		2.141533	
3	2	7	74.3	1413		2.439827	
4	2	19	92.5	1540		3.808494	
5	3	10	62.2	1267	1033	4.278683	
6	2	5	90.1	1155		4.891344	
7	2	19	74.4	1368		6.280705	1
8	1	19	82.1			7.146843	
9	3	6	55.2	1107	1533	7.894614	
10	2	13	76.9	1567		8.54139	
11	1	15	75.6			9.498081	
12	2	15	83.9	1773		9.771687	
13	2	10	86.3	1606		10.750714	
14	3	6	59.1	1477	1898	11.358398	

Bin5 Statistics 19

CF=5300 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	16	94.4	1685	1290	1.052376	
1	2	6	65.1	1242		1.32924	
2	2	12	70.3	1258		2.731315	
3	2	12	51	1904		3.885527	
4	2	10	97.1	1404		4.368452	
5	3	19	73	1697	1136	6.112367	1
6	2	10	84.5	1531		7.071846	
7	3	14	98.3	1639	1934	8.539636	
8	2	15	93.3	1288		9.118637	
9	3	11	83.6	1177	1094	10.078861	
10	3	7	71.4	1941	1445	11.161913	

Bin5 Statistics 20

CF=5296 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	61.2			0.674758	1
1	1	15	76.2			0.951182	
2	2	6	62.3	1433		2.081944	
3	3	12	70	1504	1869	3.298053	
4	2	6	91.5	1319		3.989945	
5	3	16	90.2	1531	1214	4.390216	
6	2	7	68.9	1981		5.965172	
7	2	19	91.4	1619		6.827204	
8	2	17	92.6	1282		6.888211	
9	1	16	75.9			8.453503	
10	1	7	77.9			9.221819	
11	2	5	94.7	1452		9.949601	
12	3	7	78.6	1045	1149	11.115363	
13	2	20	89.3	1788		11.874254	

Bin5 Statistics 21

CF=5304 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	88.4	1110		0.127886	1
1	2	13	85.1	1945		1.000148	
2	1	14	79.1			1.48682	
3	2	18	69.5	1853		2.254415	
4	2	6	74.7	1305		2.792943	
5	1	18	96.3			3.019699	
6	2	15	91.5	1317		4.004074	
7	1	10	77.5			4.332965	
8	2	13	57.4	1825		4.814457	
9	2	11	60.6	1696		5.798152	
10	2	13	95	1900		6.430506	
11	2	17	64.6	1700		6.970973	
12	2	15	65.2	1402		7.47289	
13	3	6	71.1	1959	1743	8.204405	
14	2	12	91.9	1422		8.790399	
15	2	14	62.9	1729		9.344279	
16	1	18	64.4			9.79515	
17	2	11	65.8	1372		10.396153	
18	3	12	52.5	1776	1821	10.850229	
19	2	18	66.7	1676		11.970489	

Bin5 Statistics 22

CF=5296 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	14	77.7	1497	1036	0.383517	1
1	3	14	99.7	1613	1215	1.249592	
2	1	17	91.9			1.559702	
3	2	6	60.7	1445		2.641039	
4	3	11	61	1277	1299	2.765497	
5	3	16	62	1935	1708	3.415931	
6	1	12	61.2			4.392362	
7	2	13	88	1902		4.796898	
8	1	7	51.3			5.769795	
9	2	18	96	1840		6.345338	
10	1	18	76.8			6.969899	
11	3	6	62.7	1991	1038	7.74351	
12	3	6	59.9	1104	1130	8.123961	
13	2	16	64	1023		8.91799	
14	2	14	76.2	1270		9.789077	
15	2	17	81.9	1134		10.033106	
16	3	13	79	1714	1786	10.834114	
17	2	9	59.4	1659		11.787547	

Bin5 Statistics 23

CF=5302 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	14	73.4			0.607519	
1	2	13	63.7	1514		1.188628	
2	2	15	69.9	1795		1.660792	
3	2	15	66.7	1229		2.051618	
4	2	11	50.4	1607		2.726381	
5	2	12	65.9	1476		3.756007	
6	2	17	95.2	1023		4.05828	
7	3	15	82.6	1827	1715	4.722911	
8	2	6	56.8	1526		5.164111	
9	2	13	79.8	1264		6.271572	1
10	2	7	57.6	1448		6.441209	
11	2	20	63.5	1387		7.188233	
12	2	16	54.5	1821		8.152308	
13	1	13	80.6			8.43092	
14	2	18	79.5	1585		8.913881	
15	2	12	74.9	1788		9.884414	
16	2	14	68.9	1152		10.617072	
17	3	10	57.1	1830	1090	11.032226	
18	1	10	88.2			11.966938	

Bin5 Statistics 24

CF=5294 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	17	75.1			0.031485	
1	1	5	76.7			1.263902	
2	1	17	72.8			1.593138	
3	2	14	96.4	1086		2.678573	
4	1	6	83.7			3.360852	
5	3	14	74.6	1045	1639	3.81941	
6	2	19	87.9	1552		4.805729	
7	3	20	86	1270	1556	5.219666	
8	2	16	58.7	1865		6.054756	1
9	2	12	83.6	1616		6.670024	
10	2	6	99.1	1872		7.599651	
11	3	10	67.9	1024	1255	8.223546	
12	1	12	63.7			8.937587	
13	1	18	95.9			9.627594	
14	2	16	68.3	1835		10.045951	
15	2	12	61.4	1259		10.93814	
16	3	10	93.9	1837	1768	11.743111	

Bin5 Statistics 25

CF=5300 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	64.2	1040		0.846524	
1	2	14	71.3	1319		1.845042	
2	1	8	99.9			2.526159	
3	1	13	80.8			3.293308	
4	2	15	93.4	1816		4.615215	
5	2	20	67.6	1776		5.591416	1
6	2	16	53.9	1136		6.850129	
7	2	7	68.8	1204		7.990033	
8	3	12	90.9	1395	1684	9.681278	
9	3	19	88.7	1317	1583	10.175182	
10	3	17	64.7	1231	1944	11.045608	

Bin5 Statistics 26

CF=5296 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	64.7	1044		0.249748	
1	1	9	87.8			1.730843	
2	3	6	92.5	1668	1181	3.186914	
3	3	7	84.3	1058	1821	4.211231	
4	2	13	52.6	1281		5.900312	1
5	2	17	53.6	1998		6.724527	
6	1	13	69.4			9.244932	
7	3	13	82.3	1082	1718	9.471146	
8	2	12	70.9	1340		11.016567	

Bin5 Statistics 27

CF=5291 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	76.3	1199	1997	0.706481	
1	2	19	93.2	1166		1.134675	
2	1	17	76			2.167437	
3	1	8	86.4			3.787865	
4	2	14	77.1	1238		4.134042	
5	3	19	73.6	1254	1778	5.697824	
6	2	9	98.2	1295		6.677544	1
7	3	7	86.5	1908	1153	7.627884	
8	3	8	92.7	1686	1629	8.579407	
9	1	6	96			9.071851	
10	2	17	73.9	1449		10.236962	
11	1	17	65.3			11.164969	

Bin5 Statistics 28

CF=5305 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	50.9	1981		0.065412	
1	2	15	63.2	1439		1.393861	
2	2	20	94.9	1872		1.855057	
3	3	10	99.8	1195	1113	2.715932	
4	2	18	66.1	1786		3.655622	
5	2	18	92.7	1651		4.180691	
6	3	14	53.9	1770	1856	4.909397	
7	2	17	81.9	1629		6.199516	1
8	1	11	57.4			7.014383	
9	2	20	59.2	1184		7.272745	
10	2	10	84.2	1094		8.678299	
11	3	9	75.5	1982	1376	9.374863	
12	2	13	80.9	1662		10.056133	
13	2	19	58	1499		11.016187	
14	1	16	91.6			11.727898	

Bin5 Statistics 29

CF=5293 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	70.2			0.510445	
1	1	5	51.7			0.790601	
2	2	13	62.4	1689		1.850715	
3	1	18	54.3			2.668803	
4	1	6	54.1			3.242571	
5	2	12	57.1	1686		4.181095	
6	3	9	57.6	1386	1195	4.747651	
7	2	12	68.4	1812		5.363904	
8	3	7	64.1	1581	1107	5.711307	1
9	2	9	78	1883		6.796886	
10	2	9	80.5	1130		7.193122	
11	2	15	86.7	1658		7.997961	
12	2	19	71.7	1657		8.775015	
13	2	12	89.8	1186		9.630048	
14	2	16	63.7	1866		10.258896	
15	2	11	58.9	1141		10.654207	
16	1	7	85.3			11.632195	

Bin5 Statistics 30

CF=5304 MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	51.6	1505		0.631611	
1	2	10	61.1	1996		1.541763	
2	3	8	50.5	1581	1581	2.769934	
3	3	19	74.9	1982	1502	4.833312	
4	2	9	75.1	1046		5.881209	1
5	1	10	69.5			7.252936	
6	1	13	66.6			8.4915	
7	1	8	89.5			9.832948	
8	1	9	61.4			11.948731	

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	5300	9	1	333	1	5634.0, 5370.0, 5557.0, 5310.0, 5530.0, 5720.0, 5663.0, 5657.0, 5628.0, 5483.0, 5504.0, 5723.0, 5722.0, 5659.0, 5374.0, 5607.0, 5548.0, 5577.0, 5289.0, 5539.0, 5377.0, 5600.0, 5672.0, 5447.0, 5288.0, 5265.0, 5383.0, 5509.0, 5498.0, 5434.0, 5465.0, 5460.0, 5540.0, 5689.0, 5579.0, 5323.0, 5462.0, 5472.0, 5546.0, 5520.0, 5475.0, 5535.0, 5442.0, 5386.0, 5371.0, 5405.0, 5681.0, 5563.0, 5496.0, 5443.0, 5318.0, 5523.0, 5645.0, 5372.0, 5627.0, 5376.0, 5643.0, 5541.0, 5489.0, 5487.0, 5538.0, 5531.0, 5441.0, 5267.0, 5572.0, 5647.0, 5649.0, 5385.0, 5364.0, 5324.0, 5426.0, 5570.0, 5281.0, 5448.0, 5290.0, 5296.0, 5276.0, 5592.0, 5258.0, 5411.0, 5547.0, 5306.0, 5255.0, 5262.0, 5427.0, 5369.0, 5629.0, 5601.0, 5309.0, 5415.0, 5356.0, 5599.0, 5589.0, 5477.0, 5279.0, 5271.0, 5351.0, 5317.0, 5297.0, 5384.0 (number of hits: 5)
2	5300	9	1	333	1	5373.0, 5671.0, 5656.0, 5288.0, 5537.0, 5511.0, 5388.0, 5639.0, 5258.0, 5585.0, 5451.0, 5495.0, 5612.0, 5456.0, 5330.0, 5637.0, 5643.0, 5666.0, 5424.0, 5421.0, 5263.0, 5413.0, 5397.0, 5592.0, 5492.0, 5648.0, 5594.0, 5693.0, 5640.0, 5402.0, 5416.0, 5279.0, 5315.0, 5269.0, 5265.0, 5501.0, 5542.0, 5533.0, 5254.0, 5510.0, 5338.0, 5541.0, 5575.0, 5544.0, 5375.0, 5454.0, 5486.0, 5409.0, 5556.0, 5298.0, 5636.0, 5350.0, 5377.0, 5516.0, 5681.0, 5685.0, 5390.0, 5493.0, 5426.0, 5489.0, 5303.0, 5551.0, 5710.0, 5387.0, 5381.0, 5536.0, 5709.0, 5628.0, 5368.0, 5561.0, 5278.0, 5326.0, 5331.0, 5471.0, 5414.0, 5565.0, 5274.0, 5678.0, 5649.0, 5698.0, 5463.0, 5673.0, 5708.0, 5398.0, 5480.0, 5311.0, 5367.0, 5530.0, 5352.0, 5370.0, 5459.0, 5438.0, 5651.0, 5472.0, 5519.0, 5589.0, 5323.0, 5487.0, 5271.0, 5314.0 (number of hits: 2)
3	5300	9	1	333	1	5279.0, 5668.0, 5665.0, 5414.0, 5686.0, 5368.0, 5441.0, 5713.0, 5326.0, 5661.0, 5353.0, 5389.0, 5468.0, 5393.0, 5589.0, 5443.0, 5364.0, 5397.0, 5482.0, 5636.0, 5711.0, 5693.0, 5469.0, 5388.0, 5610.0, 5436.0, 5472.0, 5448.0, 5501.0, 5626.0, 5283.0, 5649.0, 5276.0, 5496.0, 5616.0, 5336.0, 5434.0, 5663.0, 5724.0, 5679.0, 5672.0, 5714.0, 5398.0, 5403.0, 5521.0,

						5383.0, 5253.0, 5324.0, 5480.0, 5508.0, 5609.0, 5428.0, 5622.0, 5691.0, 5411.0, 5605.0, 5568.0, 5555.0, 5666.0, 5538.0, 5449.0, 5365.0, 5399.0, 5257.0, 5277.0, 5486.0, 5552.0, 5308.0, 5565.0, 5562.0, 5487.0, 5519.0, 5461.0, 5634.0, 5509.0, 5523.0, 5432.0, 5635.0, 5421.0, 5484.0, 5471.0, 5607.0, 5690.0, 5652.0, 5462.0, 5518.0, 5710.0, 5337.0, 5566.0, 5467.0, 5415.0, 5450.0, 5584.0, 5407.0, 5670.0, 5321.0, 5689.0, 5348.0, 5597.0, 5304.0 (number of hits: 2)
4	5300	9	1	333	1	5472.0, 5319.0, 5664.0, 5692.0, 5571.0, 5565.0, 5409.0, 5671.0, 5679.0, 5270.0, 5484.0, 5573.0, 5618.0, 5399.0, 5395.0, 5557.0, 5269.0, 5548.0, 5517.0, 5419.0, 5314.0, 5286.0, 5632.0, 5407.0, 5644.0, 5455.0, 5625.0, 5376.0, 5685.0, 5667.0, 5596.0, 5355.0, 5347.0, 5431.0, 5404.0, 5683.0, 5665.0, 5546.0, 5343.0, 5454.0, 5561.0, 5675.0, 5570.0, 5326.0, 5650.0, 5616.0, 5250.0, 5551.0, 5288.0, 5304.0, 5275.0, 5519.0, 5384.0, 5272.0, 5628.0, 5597.0, 5280.0, 5429.0, 5659.0, 5566.0, 5345.0, 5537.0, 5505.0, 5398.0, 5677.0, 5617.0, 5638.0, 5486.0, 5662.0, 5488.0, 5525.0, 5367.0, 5396.0, 5712.0, 5276.0, 5699.0, 5428.0, 5445.0, 5273.0, 5694.0, 5591.0, 5468.0, 5592.0, 5339.0, 5619.0, 5357.0, 5600.0, 5627.0, 5432.0, 5682.0, 5423.0, 5593.0, 5691.0, 5583.0, 5420.0, 5541.0, 5590.0, 5567.0, 5374.0, 5698.0 (number of hits: 1)
5	5300	9	1	333	1	5671.0, 5294.0, 5534.0, 5284.0, 5398.0, 5570.0, 5583.0, 5476.0, 5573.0, 5677.0, 5505.0, 5674.0, 5445.0, 5640.0, 5459.0, 5280.0, 5472.0, 5497.0, 5524.0, 5510.0, 5715.0, 5367.0, 5350.0, 5399.0, 5274.0, 5391.0, 5450.0, 5621.0, 5331.0, 5503.0, 5261.0, 5582.0, 5630.0, 5356.0, 5375.0, 5532.0, 5310.0, 5490.0, 5408.0, 5400.0, 5518.0, 5502.0, 5527.0, 5624.0, 5665.0, 5351.0, 5250.0, 5305.0, 5701.0, 5290.0, 5559.0, 5288.0, 5318.0, 5675.0, 5323.0, 5639.0, 5513.0, 5322.0, 5254.0, 5560.0, 5457.0, 5413.0, 5359.0, 5271.0, 5709.0, 5315.0, 5652.0, 5489.0, 5689.0, 5602.0, 5462.0, 5389.0, 5388.0, 5286.0, 5508.0, 5480.0, 5682.0, 5292.0, 5540.0, 5257.0, 5613.0, 5499.0, 5312.0, 5538.0, 5386.0, 5692.0, 5553.0, 5344.0, 5407.0, 5287.0, 5328.0, 5673.0, 5335.0, 5584.0, 5642.0, 5607.0, 5330.0, 5609.0, 5373.0, 5354.0 (number of hits: 4)
6	5300	9	1	333	1	5590.0, 5658.0, 5468.0, 5296.0, 5669.0, 5460.0, 5546.0, 5490.0, 5525.0, 5593.0, 5424.0, 5415.0, 5413.0, 5314.0, 5491.0,

						5339.0, 5696.0, 5290.0, 5518.0, 5364.0, 5446.0, 5286.0, 5388.0, 5637.0, 5626.0, 5356.0, 5432.0, 5614.0, 5438.0, 5327.0, 5330.0, 5466.0, 5309.0, 5471.0, 5255.0, 5311.0, 5485.0, 5507.0, 5278.0, 5357.0, 5494.0, 5595.0, 5294.0, 5370.0, 5396.0, 5265.0, 5684.0, 5687.0, 5708.0, 5291.0, 5620.0, 5638.0, 5454.0, 5642.0, 5456.0, 5354.0, 5395.0, 5565.0, 5643.0, 5449.0, 5663.0, 5373.0, 5682.0, 5655.0, 5601.0, 5333.0, 5652.0, 5509.0, 5661.0, 5469.0, 5531.0, 5480.0, 5475.0, 5617.0, 5660.0, 5720.0, 5515.0, 5337.0, 5612.0, 5406.0, 5702.0, 5360.0, 5591.0, 5436.0, 5431.0, 5367.0, 5349.0, 5270.0, 5277.0, 5605.0, 5463.0, 5411.0, 5572.0, 5706.0, 5667.0, 5336.0, 5476.0, 5305.0, 5385.0, 5498.0 (number of hits: 6)
7	5300	9	1	333	1	5628.0, 5331.0, 5428.0, 5270.0, 5576.0, 5661.0, 5567.0, 5464.0, 5615.0, 5547.0, 5618.0, 5278.0, 5420.0, 5530.0, 5620.0, 5281.0, 5374.0, 5624.0, 5523.0, 5506.0, 5340.0, 5689.0, 5655.0, 5360.0, 5329.0, 5622.0, 5636.0, 5404.0, 5282.0, 5509.0, 5326.0, 5361.0, 5634.0, 5562.0, 5379.0, 5389.0, 5502.0, 5674.0, 5583.0, 5541.0, 5494.0, 5569.0, 5474.0, 5680.0, 5643.0, 5455.0, 5521.0, 5679.0, 5670.0, 5653.0, 5672.0, 5417.0, 5332.0, 5560.0, 5309.0, 5462.0, 5619.0, 5492.0, 5623.0, 5626.0, 5723.0, 5473.0, 5571.0, 5633.0, 5479.0, 5290.0, 5405.0, 5565.0, 5453.0, 5602.0, 5496.0, 5638.0, 5482.0, 5456.0, 5357.0, 5599.0, 5581.0, 5476.0, 5373.0, 5308.0, 5598.0, 5346.0, 5709.0, 5429.0, 5376.0, 5465.0, 5631.0, 5499.0, 5489.0, 5654.0, 5458.0, 5704.0, 5687.0, 5312.0, 5573.0, 5550.0, 5592.0, 5264.0, 5355.0, 5341.0 (number of hits: 3)
8	5300	9	1	333	1	5523.0, 5610.0, 5456.0, 5289.0, 5486.0, 5468.0, 5477.0, 5561.0, 5392.0, 5375.0, 5418.0, 5607.0, 5359.0, 5432.0, 5641.0, 5675.0, 5337.0, 5503.0, 5663.0, 5268.0, 5647.0, 5548.0, 5332.0, 5448.0, 5276.0, 5340.0, 5465.0, 5420.0, 5255.0, 5587.0, 5453.0, 5353.0, 5303.0, 5693.0, 5513.0, 5524.0, 5544.0, 5402.0, 5519.0, 5677.0, 5508.0, 5354.0, 5515.0, 5366.0, 5478.0, 5617.0, 5267.0, 5609.0, 5501.0, 5601.0, 5568.0, 5421.0, 5262.0, 5441.0, 5326.0, 5567.0, 5300.0, 5334.0, 5556.0, 5272.0, 5572.0, 5333.0, 5293.0, 5708.0, 5507.0, 5458.0, 5493.0, 5540.0, 5301.0, 5460.0, 5307.0, 5605.0, 5431.0, 5404.0, 5715.0, 5573.0, 5286.0, 5296.0, 5259.0, 5331.0, 5506.0, 5397.0, 5496.0, 5350.0, 5463.0, 5302.0, 5363.0, 5318.0, 5438.0, 5600.0,

						5469.0, 5534.0, 5328.0, 5618.0, 5665.0, 5718.0, 5557.0, 5415.0, 5533.0, 5427.0 (number of hits: 7)
9	5300	9	1	333	1	5547.0, 5347.0, 5555.0, 5380.0, 5614.0, 5370.0, 5621.0, 5327.0, 5667.0, 5630.0, 5675.0, 5328.0, 5252.0, 5425.0, 5618.0, 5701.0, 5250.0, 5423.0, 5253.0, 5422.0, 5520.0, 5427.0, 5339.0, 5655.0, 5379.0, 5391.0, 5365.0, 5314.0, 5345.0, 5336.0, 5582.0, 5616.0, 5554.0, 5656.0, 5458.0, 5710.0, 5491.0, 5504.0, 5597.0, 5686.0, 5456.0, 5585.0, 5471.0, 5670.0, 5569.0, 5578.0, 5506.0, 5277.0, 5489.0, 5665.0, 5429.0, 5663.0, 5420.0, 5521.0, 5661.0, 5598.0, 5298.0, 5604.0, 5318.0, 5302.0, 5529.0, 5533.0, 5645.0, 5643.0, 5408.0, 5452.0, 5464.0, 5641.0, 5553.0, 5632.0, 5432.0, 5317.0, 5402.0, 5695.0, 5421.0, 5654.0, 5428.0, 5559.0, 5415.0, 5418.0, 5709.0, 5386.0, 5341.0, 5446.0, 5368.0, 5374.0, 5579.0, 5592.0, 5673.0, 5696.0, 5324.0, 5694.0, 5552.0, 5620.0, 5724.0, 5704.0, 5551.0, 5514.0, 5308.0, 5601.0 (number of hits: 3)
10	5300	9	1	333	1	5310.0, 5364.0, 5669.0, 5545.0, 5384.0, 5663.0, 5574.0, 5655.0, 5643.0, 5387.0, 5527.0, 5424.0, 5650.0, 5498.0, 5331.0, 5471.0, 5696.0, 5417.0, 5492.0, 5315.0, 5293.0, 5287.0, 5466.0, 5625.0, 5409.0, 5580.0, 5679.0, 5406.0, 5437.0, 5276.0, 5541.0, 5414.0, 5544.0, 5416.0, 5676.0, 5263.0, 5448.0, 5680.0, 5314.0, 5590.0, 5717.0, 5538.0, 5542.0, 5614.0, 5612.0, 5376.0, 5583.0, 5455.0, 5507.0, 5577.0, 5675.0, 5446.0, 5281.0, 5449.0, 5447.0, 5690.0, 5290.0, 5317.0, 5382.0, 5644.0, 5311.0, 5484.0, 5618.0, 5275.0, 5615.0, 5575.0, 5686.0, 5627.0, 5265.0, 5688.0, 5523.0, 5694.0, 5340.0, 5301.0, 5491.0, 5349.0, 5337.0, 5411.0, 5525.0, 5547.0, 5553.0, 5343.0, 5490.0, 5381.0, 5560.0, 5267.0, 5270.0, 5499.0, 5306.0, 5628.0, 5353.0, 5722.0, 5716.0, 5385.0, 5543.0, 5436.0, 5324.0, 5514.0, 5483.0, 5481.0 (number of hits: 4)
11	5300	9	1	333	1	5651.0, 5499.0, 5690.0, 5250.0, 5338.0, 5360.0, 5716.0, 5536.0, 5543.0, 5261.0, 5354.0, 5277.0, 5323.0, 5515.0, 5697.0, 5550.0, 5266.0, 5465.0, 5438.0, 5520.0, 5477.0, 5359.0, 5618.0, 5368.0, 5473.0, 5491.0, 5679.0, 5694.0, 5699.0, 5689.0, 5604.0, 5632.0, 5256.0, 5336.0, 5387.0, 5649.0, 5625.0, 5570.0, 5320.0, 5660.0, 5553.0, 5695.0, 5505.0, 5425.0, 5483.0, 5345.0, 5262.0, 5507.0, 5399.0, 5606.0, 5525.0, 5675.0, 5532.0, 5670.0, 5373.0, 5485.0, 5478.0, 5567.0, 5608.0, 5722.0,

						5530.0, 5708.0, 5629.0, 5616.0, 5623.0, 5268.0, 5311.0, 5369.0, 5657.0, 5646.0, 5333.0, 5714.0, 5259.0, 5644.0, 5658.0, 5545.0, 5281.0, 5252.0, 5664.0, 5721.0, 5634.0, 5365.0, 5297.0, 5471.0, 5669.0, 5681.0, 5654.0, 5385.0, 5307.0, 5294.0, 5374.0, 5404.0, 5479.0, 5331.0, 5719.0, 5469.0, 5527.0, 5467.0, 5546.0, 5253.0 (number of hits: 3)
12	5300	9	1	333	1	5652.0, 5365.0, 5307.0, 5360.0, 5498.0, 5383.0, 5309.0, 5537.0, 5253.0, 5477.0, 5669.0, 5641.0, 5668.0, 5421.0, 5659.0, 5431.0, 5511.0, 5262.0, 5447.0, 5710.0, 5677.0, 5692.0, 5466.0, 5616.0, 5481.0, 5378.0, 5714.0, 5685.0, 5544.0, 5540.0, 5603.0, 5601.0, 5404.0, 5475.0, 5657.0, 5455.0, 5557.0, 5583.0, 5624.0, 5406.0, 5399.0, 5415.0, 5368.0, 5418.0, 5506.0, 5696.0, 5660.0, 5449.0, 5656.0, 5280.0, 5592.0, 5620.0, 5413.0, 5689.0, 5636.0, 5268.0, 5422.0, 5453.0, 5291.0, 5615.0, 5353.0, 5338.0, 5546.0, 5303.0, 5597.0, 5342.0, 5552.0, 5489.0, 5539.0, 5524.0, 5646.0, 5510.0, 5461.0, 5397.0, 5459.0, 5439.0, 5558.0, 5590.0, 5452.0, 5595.0, 5255.0, 5591.0, 5508.0, 5430.0, 5531.0, 5627.0, 5267.0, 5284.0, 5438.0, 5400.0, 5304.0, 5339.0, 5375.0, 5487.0, 5283.0, 5520.0, 5419.0, 5634.0, 5584.0, 5340.0 (number of hits: 5)
13	5300	9	1	333	1	5648.0, 5286.0, 5485.0, 5610.0, 5686.0, 5563.0, 5449.0, 5459.0, 5641.0, 5323.0, 5404.0, 5322.0, 5635.0, 5420.0, 5644.0, 5378.0, 5489.0, 5287.0, 5592.0, 5337.0, 5525.0, 5394.0, 5599.0, 5721.0, 5669.0, 5665.0, 5608.0, 5631.0, 5295.0, 5335.0, 5526.0, 5602.0, 5614.0, 5281.0, 5263.0, 5444.0, 5656.0, 5386.0, 5696.0, 5310.0, 5308.0, 5340.0, 5355.0, 5300.0, 5348.0, 5253.0, 5273.0, 5584.0, 5623.0, 5566.0, 5251.0, 5332.0, 5257.0, 5627.0, 5306.0, 5450.0, 5714.0, 5704.0, 5441.0, 5427.0, 5430.0, 5703.0, 5460.0, 5331.0, 5517.0, 5366.0, 5617.0, 5535.0, 5264.0, 5700.0, 5711.0, 5346.0, 5511.0, 5429.0, 5639.0, 5638.0, 5620.0, 5553.0, 5587.0, 5670.0, 5650.0, 5619.0, 5376.0, 5372.0, 5478.0, 5636.0, 5589.0, 5605.0, 5611.0, 5313.0, 5316.0, 5637.0, 5556.0, 5621.0, 5662.0, 5498.0, 5594.0, 5438.0, 5580.0, 5702.0 (number of hits: 4)
14	5300	9	1	333	1	5640.0, 5718.0, 5310.0, 5259.0, 5511.0, 5548.0, 5299.0, 5268.0, 5520.0, 5558.0, 5383.0, 5363.0, 5500.0, 5278.0, 5286.0, 5700.0, 5635.0, 5713.0, 5463.0, 5331.0, 5568.0, 5689.0, 5579.0, 5515.0, 5716.0, 5566.0, 5341.0, 5638.0, 5531.0, 5646.0,

						5448.0, 5674.0, 5509.0, 5637.0, 5444.0, 5414.0, 5356.0, 5289.0, 5372.0, 5367.0, 5334.0, 5423.0, 5556.0, 5714.0, 5439.0, 5264.0, 5593.0, 5379.0, 5609.0, 5693.0, 5616.0, 5658.0, 5650.0, 5304.0, 5631.0, 5675.0, 5319.0, 5648.0, 5492.0, 5641.0, 5285.0, 5717.0, 5267.0, 5679.0, 5617.0, 5417.0, 5633.0, 5391.0, 5396.0, 5506.0, 5497.0, 5317.0, 5620.0, 5533.0, 5349.0, 5604.0, 5496.0, 5537.0, 5523.0, 5272.0, 5690.0, 5544.0, 5589.0, 5368.0, 5392.0, 5265.0, 5622.0, 5330.0, 5300.0, 5295.0, 5454.0, 5262.0, 5323.0, 5707.0, 5476.0, 5510.0, 5654.0, 5447.0, 5347.0, 5610.0 (number of hits: 4)
15	5300	9	1	333	1	5662.0, 5605.0, 5548.0, 5436.0, 5387.0, 5447.0, 5506.0, 5591.0, 5401.0, 5572.0, 5654.0, 5655.0, 5362.0, 5673.0, 5668.0, 5592.0, 5661.0, 5340.0, 5371.0, 5646.0, 5600.0, 5299.0, 5342.0, 5676.0, 5293.0, 5485.0, 5635.0, 5348.0, 5664.0, 5264.0, 5602.0, 5667.0, 5626.0, 5710.0, 5660.0, 5513.0, 5617.0, 5582.0, 5674.0, 5524.0, 5501.0, 5669.0, 5388.0, 5481.0, 5269.0, 5423.0, 5666.0, 5294.0, 5670.0, 5448.0, 5286.0, 5671.0, 5383.0, 5441.0, 5347.0, 5712.0, 5475.0, 5368.0, 5624.0, 5566.0, 5272.0, 5309.0, 5477.0, 5574.0, 5256.0, 5314.0, 5444.0, 5341.0, 5495.0, 5552.0, 5316.0, 5516.0, 5555.0, 5433.0, 5511.0, 5614.0, 5439.0, 5258.0, 5265.0, 5425.0, 5279.0, 5320.0, 5365.0, 5295.0, 5261.0, 5679.0, 5470.0, 5254.0, 5550.0, 5274.0, 5557.0, 5681.0, 5311.0, 5509.0, 5546.0, 5402.0, 5335.0, 5297.0, 5458.0, 5571.0 (number of hits: 6)
16	5300	9	1	333	1	5555.0, 5667.0, 5291.0, 5676.0, 5326.0, 5314.0, 5307.0, 5257.0, 5453.0, 5648.0, 5721.0, 5489.0, 5402.0, 5441.0, 5268.0, 5581.0, 5559.0, 5679.0, 5458.0, 5715.0, 5655.0, 5713.0, 5534.0, 5345.0, 5414.0, 5539.0, 5499.0, 5599.0, 5416.0, 5662.0, 5495.0, 5714.0, 5296.0, 5324.0, 5520.0, 5601.0, 5484.0, 5434.0, 5377.0, 5276.0, 5378.0, 5535.0, 5251.0, 5550.0, 5289.0, 5690.0, 5487.0, 5259.0, 5339.0, 5479.0, 5671.0, 5351.0, 5398.0, 5552.0, 5532.0, 5517.0, 5580.0, 5621.0, 5547.0, 5304.0, 5643.0, 5653.0, 5570.0, 5705.0, 5409.0, 5627.0, 5252.0, 5600.0, 5476.0, 5610.0, 5692.0, 5363.0, 5608.0, 5536.0, 5330.0, 5709.0, 5333.0, 5576.0, 5401.0, 5694.0, 5391.0, 5446.0, 5440.0, 5632.0, 5275.0, 5457.0, 5320.0, 5358.0, 5336.0, 5486.0, 5697.0, 5260.0, 5669.0, 5605.0, 5531.0, 5317.0, 5645.0, 5639.0, 5426.0, 5649.0 (number of hits: 4)

17	5300	9	1	333	1	5494.0, 5712.0, 5510.0, 5677.0, 5577.0, 5458.0, 5499.0, 5511.0, 5377.0, 5596.0, 5334.0, 5306.0, 5366.0, 5708.0, 5447.0, 5401.0, 5358.0, 5528.0, 5384.0, 5466.0, 5333.0, 5252.0, 5608.0, 5397.0, 5650.0, 5323.0, 5439.0, 5268.0, 5722.0, 5616.0, 5652.0, 5314.0, 5415.0, 5673.0, 5548.0, 5591.0, 5567.0, 5393.0, 5469.0, 5584.0, 5694.0, 5706.0, 5496.0, 5634.0, 5269.0, 5342.0, 5343.0, 5521.0, 5689.0, 5300.0, 5641.0, 5449.0, 5350.0, 5559.0, 5701.0, 5442.0, 5612.0, 5704.0, 5414.0, 5321.0, 5382.0, 5261.0, 5663.0, 5716.0, 5281.0, 5423.0, 5420.0, 5406.0, 5370.0, 5656.0, 5448.0, 5524.0, 5670.0, 5523.0, 5534.0, 5589.0, 5500.0, 5543.0, 5260.0, 5381.0, 5506.0, 5463.0, 5431.0, 5326.0, 5295.0, 5658.0, 5568.0, 5356.0, 5313.0, 5693.0, 5594.0, 5398.0, 5561.0, 5698.0, 5322.0, 5613.0, 5375.0, 5426.0, 5324.0, 5432.0 (number of hits: 3)
18	5300	9	1	333	1	5286.0, 5628.0, 5475.0, 5367.0, 5314.0, 5472.0, 5600.0, 5424.0, 5584.0, 5554.0, 5482.0, 5532.0, 5427.0, 5649.0, 5266.0, 5414.0, 5679.0, 5669.0, 5707.0, 5350.0, 5292.0, 5448.0, 5415.0, 5522.0, 5655.0, 5620.0, 5403.0, 5704.0, 5490.0, 5551.0, 5561.0, 5663.0, 5536.0, 5394.0, 5524.0, 5409.0, 5453.0, 5638.0, 5697.0, 5629.0, 5401.0, 5592.0, 5290.0, 5493.0, 5256.0, 5492.0, 5594.0, 5309.0, 5537.0, 5541.0, 5273.0, 5684.0, 5345.0, 5578.0, 5694.0, 5425.0, 5282.0, 5557.0, 5559.0, 5530.0, 5498.0, 5360.0, 5452.0, 5502.0, 5678.0, 5396.0, 5708.0, 5622.0, 5384.0, 5325.0, 5648.0, 5575.0, 5317.0, 5606.0, 5542.0, 5571.0, 5334.0, 5261.0, 5699.0, 5586.0, 5451.0, 5659.0, 5264.0, 5306.0, 5631.0, 5576.0, 5664.0, 5348.0, 5252.0, 5395.0, 5681.0, 5583.0, 5642.0, 5572.0, 5540.0, 5519.0, 5700.0, 5529.0, 5647.0, 5275.0 (number of hits: 4)
19	5300	9	1	333	1	5403.0, 5625.0, 5273.0, 5685.0, 5586.0, 5307.0, 5582.0, 5568.0, 5331.0, 5486.0, 5388.0, 5639.0, 5646.0, 5297.0, 5589.0, 5427.0, 5358.0, 5456.0, 5268.0, 5679.0, 5595.0, 5540.0, 5440.0, 5676.0, 5431.0, 5446.0, 5697.0, 5550.0, 5649.0, 5404.0, 5251.0, 5304.0, 5600.0, 5370.0, 5660.0, 5629.0, 5647.0, 5285.0, 5408.0, 5360.0, 5258.0, 5384.0, 5690.0, 5720.0, 5417.0, 5695.0, 5658.0, 5412.0, 5345.0, 5576.0, 5496.0, 5422.0, 5716.0, 5590.0, 5673.0, 5259.0, 5581.0, 5342.0, 5698.0, 5379.0, 5303.0, 5637.0, 5499.0, 5689.0, 5393.0, 5398.0, 5458.0, 5260.0, 5548.0, 5648.0, 5526.0, 5634.0, 5485.0, 5618.0, 5355.0,

						5484.0, 5371.0, 5494.0, 5645.0, 5266.0, 5701.0, 5546.0, 5636.0, 5406.0, 5487.0, 5643.0, 5497.0, 5401.0, 5508.0, 5638.0, 5291.0, 5437.0, 5272.0, 5623.0, 5537.0, 5531.0, 5286.0, 5642.0, 5566.0, 5525.0 (number of hits: 5)
20	5300	9	1	333	1	5527.0, 5422.0, 5601.0, 5270.0, 5387.0, 5350.0, 5366.0, 5663.0, 5321.0, 5325.0, 5351.0, 5340.0, 5347.0, 5494.0, 5307.0, 5643.0, 5680.0, 5393.0, 5614.0, 5468.0, 5647.0, 5358.0, 5417.0, 5645.0, 5338.0, 5677.0, 5676.0, 5721.0, 5718.0, 5390.0, 5605.0, 5421.0, 5489.0, 5290.0, 5664.0, 5250.0, 5542.0, 5411.0, 5636.0, 5498.0, 5280.0, 5555.0, 5536.0, 5404.0, 5322.0, 5550.0, 5375.0, 5594.0, 5612.0, 5481.0, 5710.0, 5319.0, 5545.0, 5502.0, 5512.0, 5279.0, 5450.0, 5537.0, 5562.0, 5689.0, 5640.0, 5255.0, 5654.0, 5435.0, 5711.0, 5695.0, 5282.0, 5551.0, 5309.0, 5652.0, 5531.0, 5474.0, 5367.0, 5460.0, 5278.0, 5692.0, 5354.0, 5294.0, 5451.0, 5521.0, 5408.0, 5441.0, 5622.0, 5454.0, 5337.0, 5326.0, 5268.0, 5657.0, 5549.0, 5632.0, 5269.0, 5331.0, 5644.0, 5699.0, 5447.0, 5635.0, 5446.0, 5576.0, 5369.0, 5303.0 (number of hits: 5)
21	5300	9	1	333	1	5721.0, 5295.0, 5551.0, 5366.0, 5567.0, 5652.0, 5255.0, 5267.0, 5639.0, 5516.0, 5251.0, 5595.0, 5346.0, 5643.0, 5684.0, 5621.0, 5561.0, 5383.0, 5289.0, 5474.0, 5275.0, 5310.0, 5553.0, 5712.0, 5388.0, 5414.0, 5450.0, 5498.0, 5555.0, 5707.0, 5705.0, 5427.0, 5305.0, 5466.0, 5312.0, 5660.0, 5298.0, 5599.0, 5426.0, 5507.0, 5458.0, 5554.0, 5638.0, 5631.0, 5625.0, 5315.0, 5493.0, 5499.0, 5679.0, 5314.0, 5617.0, 5608.0, 5330.0, 5592.0, 5491.0, 5531.0, 5525.0, 5534.0, 5700.0, 5720.0, 5470.0, 5375.0, 5429.0, 5253.0, 5304.0, 5447.0, 5407.0, 5380.0, 5591.0, 5670.0, 5482.0, 5557.0, 5528.0, 5668.0, 5640.0, 5256.0, 5403.0, 5560.0, 5648.0, 5413.0, 5716.0, 5677.0, 5345.0, 5352.0, 5517.0, 5545.0, 5320.0, 5623.0, 5391.0, 5572.0, 5462.0, 5449.0, 5593.0, 5690.0, 5307.0, 5272.0, 5278.0, 5597.0, 5515.0, 5379.0 (number of hits: 5)
22	5300	9	1	333	1	5712.0, 5559.0, 5398.0, 5324.0, 5503.0, 5671.0, 5653.0, 5476.0, 5359.0, 5590.0, 5426.0, 5363.0, 5423.0, 5475.0, 5293.0, 5418.0, 5675.0, 5552.0, 5272.0, 5523.0, 5669.0, 5499.0, 5277.0, 5654.0, 5281.0, 5583.0, 5275.0, 5470.0, 5549.0, 5667.0, 5545.0, 5563.0, 5483.0, 5546.0, 5314.0, 5376.0, 5665.0, 5573.0, 5412.0, 5580.0, 5428.0, 5510.0, 5711.0, 5716.0, 5467.0,

						5481.0, 5542.0, 5623.0, 5356.0, 5292.0, 5291.0, 5386.0, 5490.0, 5530.0, 5397.0, 5609.0, 5267.0, 5619.0, 5659.0, 5407.0, 5269.0, 5336.0, 5489.0, 5593.0, 5517.0, 5577.0, 5259.0, 5504.0, 5394.0, 5630.0, 5326.0, 5354.0, 5355.0, 5371.0, 5377.0, 5600.0, 5306.0, 5689.0, 5347.0, 5334.0, 5274.0, 5565.0, 5646.0, 5388.0, 5261.0, 5416.0, 5668.0, 5273.0, 5384.0, 5366.0, 5707.0, 5266.0, 5628.0, 5613.0, 5532.0, 5402.0, 5435.0, 5701.0, 5262.0, 5713.0 (number of hits: 4)
23	5300	9	1	333	1	5318.0, 5294.0, 5264.0, 5464.0, 5255.0, 5485.0, 5405.0, 5690.0, 5710.0, 5273.0, 5511.0, 5258.0, 5695.0, 5320.0, 5521.0, 5459.0, 5526.0, 5456.0, 5637.0, 5550.0, 5520.0, 5660.0, 5398.0, 5539.0, 5670.0, 5717.0, 5252.0, 5523.0, 5336.0, 5577.0, 5497.0, 5528.0, 5457.0, 5652.0, 5436.0, 5432.0, 5280.0, 5354.0, 5312.0, 5591.0, 5412.0, 5349.0, 5482.0, 5606.0, 5386.0, 5705.0, 5560.0, 5516.0, 5309.0, 5635.0, 5253.0, 5589.0, 5716.0, 5579.0, 5431.0, 5527.0, 5569.0, 5706.0, 5503.0, 5371.0, 5259.0, 5460.0, 5430.0, 5664.0, 5487.0, 5633.0, 5446.0, 5627.0, 5422.0, 5639.0, 5679.0, 5566.0, 5595.0, 5428.0, 5711.0, 5553.0, 5576.0, 5333.0, 5721.0, 5433.0, 5689.0, 5340.0, 5701.0, 5583.0, 5647.0, 5289.0, 5505.0, 5530.0, 5424.0, 5311.0, 5681.0, 5661.0, 5483.0, 5691.0, 5693.0, 5694.0, 5421.0, 5659.0, 5268.0, 5285.0 (number of hits: 2)
24	5300	9	1	333	1	5397.0, 5281.0, 5408.0, 5631.0, 5520.0, 5675.0, 5484.0, 5720.0, 5679.0, 5257.0, 5280.0, 5653.0, 5662.0, 5300.0, 5721.0, 5254.0, 5553.0, 5521.0, 5260.0, 5623.0, 5684.0, 5560.0, 5656.0, 5332.0, 5616.0, 5467.0, 5575.0, 5433.0, 5499.0, 5636.0, 5350.0, 5314.0, 5535.0, 5308.0, 5343.0, 5330.0, 5445.0, 5574.0, 5550.0, 5608.0, 5670.0, 5618.0, 5351.0, 5646.0, 5592.0, 5421.0, 5319.0, 5368.0, 5278.0, 5715.0, 5611.0, 5359.0, 5510.0, 5493.0, 5340.0, 5427.0, 5619.0, 5391.0, 5352.0, 5285.0, 5678.0, 5527.0, 5554.0, 5296.0, 5449.0, 5271.0, 5596.0, 5538.0, 5346.0, 5436.0, 5459.0, 5526.0, 5381.0, 5532.0, 5587.0, 5383.0, 5699.0, 5534.0, 5437.0, 5626.0, 5657.0, 5501.0, 5606.0, 5416.0, 5582.0, 5430.0, 5384.0, 5309.0, 5290.0, 5251.0, 5638.0, 5546.0, 5473.0, 5440.0, 5292.0, 5466.0, 5420.0, 5390.0, 5551.0, 5524.0 (number of hits: 6)
25	5300	9	1	333	1	5328.0, 5437.0, 5660.0, 5695.0, 5617.0, 5499.0, 5593.0, 5595.0, 5266.0, 5377.0, 5451.0, 5342.0, 5666.0, 5482.0, 5389.0,

						5404.0, 5561.0, 5329.0, 5524.0, 5643.0, 5627.0, 5362.0, 5699.0, 5446.0, 5701.0, 5419.0, 5546.0, 5444.0, 5306.0, 5356.0, 5325.0, 5683.0, 5719.0, 5375.0, 5577.0, 5347.0, 5605.0, 5442.0, 5254.0, 5675.0, 5602.0, 5619.0, 5662.0, 5685.0, 5669.0, 5497.0, 5294.0, 5414.0, 5332.0, 5647.0, 5448.0, 5655.0, 5340.0, 5547.0, 5720.0, 5583.0, 5311.0, 5257.0, 5483.0, 5639.0, 5514.0, 5423.0, 5553.0, 5320.0, 5391.0, 5507.0, 5631.0, 5657.0, 5581.0, 5481.0, 5349.0, 5630.0, 5506.0, 5484.0, 5608.0, 5496.0, 5650.0, 5598.0, 5467.0, 5312.0, 5721.0, 5297.0, 5372.0, 5575.0, 5270.0, 5296.0, 5433.0, 5679.0, 5326.0, 5705.0, 5393.0, 5570.0, 5457.0, 5584.0, 5659.0, 5565.0, 5656.0, 5532.0, 5445.0, 5278.0 (number of hits: 4)
26	5300	9	1	333	1	5605.0, 5522.0, 5590.0, 5512.0, 5391.0, 5353.0, 5270.0, 5487.0, 5504.0, 5720.0, 5384.0, 5704.0, 5276.0, 5403.0, 5264.0, 5717.0, 5588.0, 5339.0, 5587.0, 5608.0, 5652.0, 5369.0, 5406.0, 5363.0, 5550.0, 5291.0, 5446.0, 5252.0, 5547.0, 5539.0, 5330.0, 5424.0, 5568.0, 5574.0, 5326.0, 5666.0, 5690.0, 5308.0, 5293.0, 5597.0, 5366.0, 5548.0, 5274.0, 5570.0, 5441.0, 5469.0, 5414.0, 5400.0, 5351.0, 5515.0, 5569.0, 5318.0, 5331.0, 5355.0, 5625.0, 5262.0, 5685.0, 5346.0, 5661.0, 5682.0, 5344.0, 5553.0, 5268.0, 5637.0, 5537.0, 5260.0, 5323.0, 5272.0, 5266.0, 5618.0, 5689.0, 5493.0, 5705.0, 5695.0, 5478.0, 5447.0, 5269.0, 5572.0, 5543.0, 5644.0, 5401.0, 5662.0, 5389.0, 5345.0, 5496.0, 5557.0, 5650.0, 5327.0, 5616.0, 5601.0, 5649.0, 5494.0, 5687.0, 5253.0, 5707.0, 5646.0, 5503.0, 5392.0, 5628.0, 5670.0 (number of hits: 3)
27	5300	9	1	333	1	5651.0, 5711.0, 5444.0, 5380.0, 5469.0, 5308.0, 5573.0, 5601.0, 5482.0, 5379.0, 5461.0, 5495.0, 5288.0, 5346.0, 5667.0, 5279.0, 5436.0, 5685.0, 5462.0, 5545.0, 5686.0, 5593.0, 5510.0, 5509.0, 5439.0, 5455.0, 5565.0, 5292.0, 5332.0, 5539.0, 5612.0, 5656.0, 5291.0, 5364.0, 5451.0, 5267.0, 5460.0, 5555.0, 5349.0, 5310.0, 5472.0, 5547.0, 5478.0, 5552.0, 5488.0, 5253.0, 5415.0, 5583.0, 5669.0, 5542.0, 5416.0, 5626.0, 5631.0, 5590.0, 5381.0, 5540.0, 5628.0, 5506.0, 5350.0, 5653.0, 5533.0, 5483.0, 5492.0, 5637.0, 5681.0, 5563.0, 5520.0, 5452.0, 5271.0, 5311.0, 5294.0, 5691.0, 5417.0, 5412.0, 5655.0, 5670.0, 5441.0, 5706.0, 5569.0, 5582.0, 5411.0, 5399.0, 5710.0, 5516.0, 5588.0, 5640.0, 5457.0, 5421.0, 5476.0, 5561.0,

						5714.0, 5717.0, 5385.0, 5530.0, 5371.0, 5251.0, 5426.0, 5623.0, 5674.0, 5301.0 (number of hits: 5)
28	5300	9	1	333	1	5442.0, 5417.0, 5502.0, 5708.0, 5338.0, 5443.0, 5676.0, 5312.0, 5334.0, 5409.0, 5433.0, 5318.0, 5634.0, 5408.0, 5276.0, 5272.0, 5428.0, 5514.0, 5530.0, 5414.0, 5438.0, 5330.0, 5655.0, 5701.0, 5256.0, 5466.0, 5684.0, 5453.0, 5266.0, 5623.0, 5260.0, 5327.0, 5332.0, 5425.0, 5703.0, 5642.0, 5386.0, 5618.0, 5645.0, 5365.0, 5570.0, 5630.0, 5441.0, 5613.0, 5445.0, 5270.0, 5455.0, 5280.0, 5573.0, 5633.0, 5536.0, 5456.0, 5328.0, 5371.0, 5625.0, 5659.0, 5372.0, 5331.0, 5566.0, 5309.0, 5534.0, 5398.0, 5572.0, 5503.0, 5527.0, 5495.0, 5675.0, 5556.0, 5596.0, 5315.0, 5268.0, 5308.0, 5479.0, 5352.0, 5482.0, 5419.0, 5366.0, 5264.0, 5497.0, 5431.0, 5504.0, 5336.0, 5474.0, 5302.0, 5519.0, 5526.0, 5459.0, 5263.0, 5532.0, 5320.0, 5715.0, 5721.0, 5488.0, 5565.0, 5682.0, 5437.0, 5632.0, 5688.0, 5387.0, 5592.0 (number of hits: 3)
29	5300	9	1	333	1	5543.0, 5644.0, 5293.0, 5667.0, 5643.0, 5534.0, 5467.0, 5511.0, 5690.0, 5455.0, 5661.0, 5287.0, 5664.0, 5531.0, 5622.0, 5479.0, 5310.0, 5526.0, 5327.0, 5498.0, 5344.0, 5318.0, 5437.0, 5685.0, 5609.0, 5641.0, 5540.0, 5603.0, 5700.0, 5524.0, 5402.0, 5581.0, 5708.0, 5427.0, 5438.0, 5442.0, 5709.0, 5376.0, 5715.0, 5611.0, 5602.0, 5504.0, 5595.0, 5675.0, 5721.0, 5348.0, 5436.0, 5701.0, 5481.0, 5631.0, 5367.0, 5585.0, 5353.0, 5520.0, 5361.0, 5325.0, 5471.0, 5312.0, 5666.0, 5598.0, 5256.0, 5699.0, 5363.0, 5636.0, 5516.0, 5282.0, 5651.0, 5313.0, 5412.0, 5682.0, 5553.0, 5298.0, 5387.0, 5308.0, 5717.0, 5429.0, 5562.0, 5487.0, 5607.0, 5612.0, 5338.0, 5360.0, 5695.0, 5260.0, 5359.0, 5508.0, 5410.0, 5305.0, 5459.0, 5430.0, 5285.0, 5671.0, 5289.0, 5541.0, 5324.0, 5390.0, 5392.0, 5517.0, 5337.0, 5620.0 (number of hits: 4)
30	5300	9	1	333	1	5503.0, 5355.0, 5434.0, 5681.0, 5523.0, 5402.0, 5458.0, 5601.0, 5592.0, 5672.0, 5261.0, 5349.0, 5274.0, 5424.0, 5412.0, 5578.0, 5363.0, 5542.0, 5650.0, 5491.0, 5305.0, 5559.0, 5317.0, 5406.0, 5594.0, 5510.0, 5397.0, 5408.0, 5623.0, 5314.0, 5487.0, 5589.0, 5253.0, 5325.0, 5708.0, 5584.0, 5337.0, 5378.0, 5316.0, 5702.0, 5551.0, 5541.0, 5386.0, 5679.0, 5295.0, 5479.0, 5608.0, 5465.0, 5553.0, 5474.0, 5663.0, 5627.0, 5579.0, 5607.0, 5684.0, 5342.0, 5396.0, 5651.0, 5267.0, 5427.0,

						5643.0, 5647.0, 5648.0, 5493.0, 5301.0, 5430.0, 5704.0, 5495.0, 5432.0, 5262.0, 5697.0, 5555.0, 5398.0, 5404.0, 5350.0, 5360.0, 5620.0, 5460.0, 5306.0, 5606.0, 5265.0, 5500.0, 5385.0, 5311.0, 5485.0, 5526.0, 5571.0, 5466.0, 5411.0, 5421.0, 5470.0, 5322.0, 5464.0, 5288.0, 5475.0, 5461.0, 5387.0, 5250.0, 5455.0, 5696.0 (number of hits: 4)

5500 MHz, 20 MHz Bandwidth

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

Please refer to the following statistical tables:

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

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5500	70	1	758	1
2	5500	72	1	738	1
3	5500	78	1	678	1
4	5500	62	1	858	1
5	5500	67	1	798	1
6	5500	68	1	778	1
7	5500	59	1	898	1
8	5500	57	1	938	1
9	5500	92	1	578	1
10	5500	95	1	558	1
11	5500	89	1	598	1
12	5500	63	1	838	1
13	5500	61	1	878	1
14	5500	102	1	518	1
15	5500	83	1	638	1
16	5500	41	1	1306	1
17	5500	22	1	2400	1
18	5500	36	1	1501	1
19	5500	21	1	2542	1
20	5500	82	1	647	1
21	5500	32	1	1682	1
22	5500	19	1	2780	1
23	5500	65	1	815	1
24	5500	37	1	1442	1
25	5500	90	1	592	1
26	5500	97	1	547	1
27	5500	40	1	1353	1
28	5500	26	1	2034	1
29	5500	48	1	1122	1
30	5500	38	1	1391	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5500	23	1.5	153	1
2	5500	26	1.1	221	1
3	5500	24	1	172	1
4	5500	29	1.3	174	1
5	5500	26	2.8	173	1
6	5500	29	4.4	162	1
7	5500	28	2	186	1
8	5500	26	4.5	210	1
9	5500	25	4.2	202	1
10	5500	29	1.1	175	1
11	5500	25	2.8	180	1
12	5500	28	3.2	220	1
13	5500	23	1.7	163	1
14	5500	24	3.6	168	1
15	5500	28	1.3	214	1
16	5500	29	1.9	162	1
17	5500	28	3.5	223	1
18	5500	25	1.5	213	1
19	5500	25	4.2	199	1
20	5500	29	1.8	155	1
21	5500	25	4.9	166	1
22	5500	25	1.9	195	1
23	5500	26	3.2	212	1
24	5500	25	4.5	212	1
25	5500	27	2.6	199	1
26	5500	29	5	202	1
27	5500	24	1.3	184	1
28	5500	23	2.8	153	1
29	5500	29	2	171	1
30	5500	24	4.6	225	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	5500	17	8.4	210	1
2	5500	17	7.6	419	1
3	5500	17	6	456	1
4	5500	17	9.5	371	1
5	5500	16	8.4	270	1
6	5500	18	7.3	495	1
7	5500	16	6.4	394	1
8	5500	16	7.7	426	1
9	5500	16	6.4	291	1
10	5500	18	9.2	243	1
11	5500	18	6	470	1
12	5500	18	8.4	480	1
13	5500	17	9.1	427	1
14	5500	17	7.7	213	1
15	5500	18	7.4	255	1
16	5500	16	8.7	277	1
17	5500	18	7.2	352	1
18	5500	18	7.6	425	1
19	5500	18	7.6	320	1
20	5500	17	9.1	477	1
21	5500	16	6.5	254	1
22	5500	18	6.1	304	1
23	5500	18	8.9	267	1
24	5500	16	9.4	425	1
25	5500	17	7.5	450	1
26	5500	17	9.8	433	1
27	5500	17	8.7	428	1
28	5500	17	9	487	1
29	5500	17	6.7	289	1
30	5500	16	7	244	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	5500	13	13.6	275	1
2	5500	13	15.5	499	1
3	5500	12	11.9	337	1
4	5500	12	11.1	323	1
5	5500	12	17.2	244	1
6	5500	13	13.9	297	1
7	5500	15	18.5	388	1
8	5500	14	11.5	282	1
9	5500	16	13.7	398	1
10	5500	14	15.9	477	1
11	5500	12	17.9	325	1
12	5500	15	13	223	1
13	5500	15	17.2	253	1
14	5500	16	19.6	439	1
15	5500	15	16.9	255	1
16	5500	13	19.5	292	1
17	5500	12	11.2	334	1
18	5500	15	19.1	398	1
19	5500	13	17.3	484	1
20	5500	15	14.2	229	1
21	5500	13	15.6	276	1
22	5500	13	16.1	283	1
23	5500	12	13.9	406	1
24	5500	12	11.7	482	1
25	5500	14	11.1	268	1
26	5500	12	16.2	309	1
27	5500	16	11.7	233	1
28	5500	14	12.7	381	1
29	5500	15	14.7	205	1
30	5500	16	13.7	205	1
Detection Percentage: 100 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Bin5 Statistics 1

CF=5498MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	57	1398		0.754552	1
1	2	9	98.4	1498		2.318191	
2	3	17	81.5	1908	1917	2.786647	
3	3	19	70.4	1624	1529	4.467255	
4	3	19	56.6	1312	1524	5.315282	
5	1	10	90.4			6.740242	
6	2	8	94.6	1049		8.054892	
7	2	13	56.9	1471		9.07012	
8	3	10	63.5	1593	1826	10.1114	
9	3	6	58.9	1719	1763	11.204513	

Bin5 Statistics 2

CF=5493MHz

Trial #	Pulse	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	77.6	1340		0.568572	1
1	2	7	74.3	1894		1.240924	
2	2	19	80.6	1190		2.483802	
3	2	12	65.5	1545		3.17471	
4	2	6	84	1883		3.629975	
5	3	8	52.5	1145	1205	4.958096	
6	3	17	71	1492	1385	5.253796	
7	3	19	59.3	1283	1309	6.227686	
8	1	19	96.6			7.693258	
9	2	17	93.8	1112		7.882878	
10	2	18	90.5	1002		9.406447	
11	2	9	97.7	1318		9.823097	
12	2	15	68.4	1463		10.852712	
13	2	8	63.5	1380		11.377864	

Bin5 Statistics 3

CF=5496MHz

Trial #	Pulse	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	98.5	1993		0.469369	
1	1	9	97.9			2.124183	
2	2	13	92.3	1056		3.060046	
3	2	14	99.4	1737		3.846841	
4	2	11	79.9	1782		5.186646	
5	3	18	92.8	1105	1228	6.509298	1
6	3	14	70.2	1375	1044	6.675641	
7	1	6	90.8			8.294501	
8	2	17	64.6	1240		9.519137	
9	2	15	68.7	1352		9.994054	
10	2	11	53.7	1886		10.941996	

Bin5 Statistics 4

CF=5501MHz

Trial #	Pulse	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	72	1648		0.215326	1
1	1	15	97.3			0.995351	
2	1	11	51.2			1.607785	
3	2	15	70.9	1213		2.170382	
4	3	14	90.1	1552	1719	2.409984	
5	3	15	83.8	1414	1114	3.587087	
6	1	15	79.2			3.865478	
7	2	13	95.7	1624		4.273148	
8	2	14	71.4	1062		5.38159	
9	1	18	52.1			5.756312	
10	2	7	86.4	1982		6.10928	
11	3	5	84.8	1746	1084	6.981554	
12	3	7	93	1024	1761	7.635951	
13	3	17	62.3	1093	1084	7.956007	
14	2	15	83.2	1158		8.822915	
15	3	11	59.4	1878	1527	9.519971	
16	2	16	65.6	1452		10.123059	
17	3	15	60.7	1767	1908	10.210253	
18	3	7	56.5	1535	1526	10.989665	
19	1	19	77.3			11.693931	

Bin5 Statistics 5

CF=5505MHz

Trial #	Pulse	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	62.4	1825	1075	0.835442	1
1	2	18	92.9	1839		1.749325	
2	1	16	67.7			3.068411	
3	2	8	73.8	1746		5.215531	
4	2	11	62	1709		7.442168	
5	2	15	90.3	1998		8.57456	
6	1	13	88.9			10.058786	
7	1	13	89.8			11.648862	

Bin5 Statistics 6

CF=5505MHz

Trial #	Pulse	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	82.9			0.65417	1
1	2	13	79.1	1397		0.954851	
2	3	7	75.6	1253	1206	1.85421	
3	1	12	76.2			2.66249	
4	2	7	52.6	1828		3.729455	
5	2	20	92.6	1559		4.329493	
6	2	14	86	1207		4.572774	
7	3	16	73.8	1916	1991	5.699487	
8	2	11	96.7	1107		6.205815	
9	3	8	82.8	1548	1479	7.159118	
10	1	16	68.8			8.158632	
11	1	7	54.1			8.432733	
12	2	20	51.2	1234		9.5572	
13	2	16	66.6	1845		9.874972	
14	1	13	64.4			11.134987	
15	1	13	65			11.93308	

Bin5 Statistics 7

CF=5496MHz

Trial #	Pulse	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	96.3	1189		0.827747	1
1	2	15	66	1106		1.102857	
2	1	12	50.5			2.550082	
3	2	6	53.5	1937		3.154129	
4	2	15	90.3	1103		4.573181	
5	2	11	68.5	1432		5.254655	
6	2	16	70.3	1628		6.269615	
7	1	5	99.5			6.70665	
8	2	6	51.5	1105		7.586877	
9	1	18	84.6			9.12823	
10	2	19	98.8	1570		9.432273	
11	1	10	57.2			10.414152	
12	1	14	71.4			11.63897	

Bin5 Statistics 8

CF=5499MHz

Trial #	Pulse	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	51.3	1799		0.130194	1
1	1	12	80.4			0.999303	
2	2	16	62.6	1258		1.949844	
3	1	10	91.4			2.304276	
4	1	15	65			2.936914	
5	2	15	98.6	1565		3.45371	
6	2	5	93.5	1048		4.507788	
7	1	14	97.9			4.927928	
8	1	12	80.6			5.78464	
9	3	11	84.9	1902	1005	6.524721	
10	3	14	59.2	1620	1961	6.957798	
11	2	15	75.1	1063		7.381947	
12	1	11	62			8.050301	
13	3	14	97.7	1824	1734	8.724641	
14	1	14	59.1			9.816327	
15	3	11	83.5	1777	1693	10.363186	
16	2	16	79.7	1799		11.26798	
17	2	18	63.8	1481		11.61091	

Bin5 Statistics 9

CF=5496MHz

Trial #	Pulse	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	53.9	1445	1754	0.345619	1
1	2	9	81	1031		1.133748	
2	2	11	79.8	1440		1.772725	
3	2	18	71	1569		2.317728	
4	2	14	54.2	1879		2.876654	
5	3	15	94.1	1264	1658	3.417733	
6	2	16	96.3	1619		4.136495	
7	2	17	69.7	1187		4.851167	
8	3	8	78.8	1340	1082	5.573365	
9	3	6	100	1783	1861	6.436944	
10	1	19	51.9			7.104156	
11	2	11	50.4	1815		7.594291	
12	2	14	88.4	1918		8.049814	
13	2	19	90.4	1417		8.703646	
14	2	18	60.3	1181		9.750934	
15	2	15	96.7	1469		10.108022	
16	3	16	84	1652	1064	10.957349	
17	1	11	55.2			11.430385	

Bin5 Statistics 10

CF=5501MHz

Trial #	Pulse	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	50.5			0.397918	
1	3	8	71.5	1342	1561	0.979461	
2	1	16	87.9			1.717121	
3	3	5	50.5	1948	1059	2.332885	
4	2	7	81.2	1612		3.328097	
5	1	10	98.8			4.192178	
6	2	10	55.8	1980		4.601433	
7	1	8	51.1			5.516226	
8	2	7	93.5	1623		6.167966	1
9	2	20	59.6	1193		6.595489	
10	1	10	89.3			7.087582	
11	3	9	52.7	1265	1914	8.048936	
12	3	13	67.6	1412	1765	8.905431	
13	1	18	51.6			9.645967	
14	2	13	55.3	1829		10.538877	
15	2	20	75.7	1380		10.931994	
16	2	9	68.1	1363		11.869962	

Bin5 Statistics 11

CF=5493MHz

Trial #	Pulse	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	70.2	1321		1.105682	
1	2	10	65.1	1808		2.009188	
2	2	6	88	1249		3.671281	
3	3	11	58.4	1507	1550	4.282225	
4	3	9	70.4	1258	1766	5.393926	1
5	1	11	82.1			7.505239	
6	2	20	89.9	1900		8.983466	
7	3	9	74.7	1331	1563	9.885547	
8	1	8	61.9			10.911999	

Bin5 Statistics 12

CF=5503MHz

Trial #	Pulse	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	66.5			0.574491	
1	2	10	62	1654		0.638442	
2	2	17	83.7	1465		1.719136	
3	2	12	72.1	1394		1.921489	
4	2	7	98.9	1932		3.125942	
5	1	9	63			3.193327	
6	1	8	80.5			4.14123	
7	1	20	96.4			4.436741	
8	2	12	67.1	1841		5.476383	
9	1	14	60.6			6.257806	1
10	2	14	64.4	1229		6.509097	
11	2	5	56.9	1645		7.164857	
12	1	7	75.1			7.785938	
13	2	9	75.7	1214		8.545303	
14	1	6	57.6			9.227694	
15	1	7	63.2			9.494749	
16	3	11	83.2	1125	1630	10.235768	
17	2	5	58.4	1000		11.060974	
18	1	18	85.6			11.474633	

Bin5 Statistics 13

CF=5496MHz

Trial #	Pulse	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	51.7	1863	1378	0.047021	1
1	1	15	94.1			1.024241	
2	3	9	66.8	1590	1204	1.71737	
3	1	10	55.7			1.940165	
4	2	6	70.6	1596		2.53773	
5	3	16	60.3	1515	1611	3.173471	
6	3	18	64.2	1752	1202	3.621686	
7	2	7	77.6	1177		4.42564	
8	1	5	88.2			5.06095	
9	2	10	83.7	1101		5.535949	
10	2	14	95.5	1681		6.169892	
11	2	6	74.1	1494		6.862161	
12	2	9	88.8	1629		7.470203	
13	1	7	67.9			8.360575	
14	3	13	53.1	1232	1073	8.859714	
15	2	17	68.5	1344		9.35765	
16	2	16	63.6	1287		9.789071	
17	1	9	96.8			10.621268	
18	1	16	95.3			11.26328	
19	3	18	87.5	1988	1948	11.825914	

Bin5 Statistics 14

CF=5491MHz

Trial #	Pulse	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	70.7	1387		0.523485	
1	2	13	72.6	1262		1.636694	
2	3	11	87.4	1302	1106	2.359744	
3	2	15	78.6	1026		2.877608	
4	1	9	88.7			3.856697	
5	2	15	78.9	1951		5.217996	
6	3	18	64.1	1046	1542	6.188952	1
7	2	12	96.9	1267		6.929336	
8	2	16	93.8	1654		7.901118	
9	3	20	75	1623	1426	8.826036	
10	2	12	87.2	1885		9.617783	
11	2	19	52.2	1836		10.220143	
12	2	12	58.8	1079		11.345172	

Bin5 Statistics 15

CF=5497MHz

Trial #	Pulse	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	55.8	1965		0.110219	
1	2	14	96.2	1633		1.050153	
2	3	8	88.1	1263	1922	2.075549	
3	2	13	82.2	1354		2.74684	
4	1	7	78			3.506415	
5	3	10	80.2	1067	1684	4.030801	
6	1	19	60.2			4.750048	
7	2	19	77.5	1432		5.440136	
8	1	17	97.3			5.704307	1
9	2	10	76.5	1663		6.753627	
10	1	17	94.2			7.328437	
11	2	16	76	1675		7.850178	
12	2	7	91.1	1319		8.678504	
13	1	15	94.7			9.564129	
14	1	9	75.3			10.258713	
15	1	10	64.6			10.648716	
16	1	11	86.9			11.73797	

Bin5 Statistics 16

CF=5493MHz

Trial #	Pulse	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	67.2	1942		0.527812	
1	2	9	58.4	1360		1.392227	
2	2	15	87.4	1797		2.054378	
3	2	19	83	1196		2.416029	
4	2	13	94.8	1278		3.972154	
5	2	11	72.6	1156		4.053277	
6	2	6	50.6	1166		5.133043	
7	1	17	92.5			5.758804	1
8	2	15	97.4	1021		7.023249	
9	1	11	94.5			7.369015	
10	3	12	72.5	1207	1515	8.140686	
11	3	15	94.3	1442	1663	9.244246	
12	1	7	98.6			9.955949	
13	2	14	70.5	1062		11.062092	
14	2	6	62.2	1615		11.709271	

Bin5 Statistics 17

CF=5498MHz

Trial #	Pulse	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	80.9			0.523769	
1	3	13	52.6	1624	1234	0.957589	
2	2	7	72.4	1044		2.44111	
3	3	9	56.1	1554	1387	3.226274	
4	1	9	55.9			3.799077	
5	2	8	51.7	1574		4.902902	
6	2	8	53.9	1394		5.629176	
7	3	16	67.8	1940	1222	6.179452	1
8	1	14	87.5			7.222353	
9	2	14	93.3	1194		8.42061	
10	1	6	53.9			8.80779	
11	2	6	54.4	1784		9.560564	
12	2	17	61.7	1906		10.472422	
13	1	15	74.9			11.753928	

Bin5 Statistics 18

CF=5499MHz

Trial #	Pulse	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	62.2	1182	1848	0.23211	
1	2	20	58.4	1094		0.759242	
2	3	8	61.5	1244	1320	1.681554	
3	3	11	58	1545	1665	2.752038	
4	2	16	71.7	1876		3.163923	
5	3	12	86.7	1641	1591	4.028852	
6	1	17	75.6			4.480624	
7	2	15	64.6	1222		5.122812	
8	3	5	53.8	1724	1605	6.289514	1
9	2	9	61	1291		6.68979	
10	2	13	62.5	1963		7.202194	
11	1	13	85.8			8.385305	
12	1	6	94.9			9.100058	
13	3	11	93.9	1526	1391	9.513544	
14	2	7	85.9	1415		10.43896	
15	2	10	57.4	1669		10.666314	
16	2	16	74.9	1038		11.761743	

Bin5 Statistics 19

CF=5498MHz

Trial #	Pulse	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	60.1	1909	1098	0.381407	
1	1	20	61.6			1.051724	
2	3	5	55.6	1582	1553	1.447717	
3	1	16	62.5			1.910473	
4	3	18	70.7	1516	1659	2.868657	
5	2	14	99.1	1808		3.613774	
6	3	14	64.9	1166	1358	4.362917	
7	2	7	81.2	1978		4.693332	
8	2	17	83.2	1659		5.197097	
9	2	12	96.1	1337		5.980849	1
10	1	17	77.9			6.748126	
11	2	13	73.6	1272		7.435866	
12	2	16	95.3	1696		7.767374	
13	1	16	57.4			8.301081	
14	2	7	61.9	1882		8.907339	
15	2	7	67.5	1673		9.645545	
16	2	12	64.1	1441		10.124532	
17	1	13	78.3			10.78882	
18	2	13	98.6	1236		11.390277	

Bin5 Statistics 20

CF=5503MHz

Trial #	Pulse	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	64			0.592538	
1	1	9	81.5			0.691891	
2	2	6	82.6	1502		1.872509	
3	3	15	68.9	1556	1942	2.097642	
4	1	14	98.2			3.042493	
5	1	18	90.4			3.658424	
6	2	18	78.5	1316		4.407418	
7	2	14	58.5	1086		4.458635	
8	2	19	61.4	1556		5.137957	
9	3	9	91.5	1978	1741	6.220323	1
10	2	16	76.5	1281		6.779335	
11	1	15	98.5			7.345069	
12	2	16	73	1254		7.887621	
13	3	16	66.4	1800	1272	8.39751	
14	2	14	96.3	1808		9.034426	
15	2	15	88.3	1093		9.494438	
16	3	10	65.8	1068	1981	10.334907	
17	1	11	59			10.815982	
18	1	12	87.1			11.466514	

Bin5 Statistics 21

CF=5496MHz

Trial #	Pulse	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	58.2	1640		0.482771	
1	1	13	52.4			1.069574	
2	1	12	57.6			1.997369	
3	1	9	69.8			2.159877	
4	3	11	85	1661	1943	3.32031	
5	3	9	64.4	1019	1230	3.665013	
6	2	12	87.4	1475		4.285196	
7	2	11	66.7	1450		5.515773	
8	3	8	73.4	1534	1639	5.759468	1
9	2	6	96.3	1761		6.581593	
10	3	19	60.4	1468	1068	7.488685	
11	1	11	89.8			8.188525	
12	3	16	54.7	1828	1528	8.496832	
13	2	18	82.7	1723		9.851173	
14	1	7	63.2			10.042515	
15	3	11	99.7	1746	1377	10.733505	
16	2	16	95.8	1958		11.83235	

Bin5 Statistics 22

CF=5501MHz

Trial #	Pulse	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	69.1			0.450891	
1	3	7	71.2	1548	1428	1.60058	
2	2	13	79.2	1327		3.207758	
3	3	5	92.4	1087	1373	3.921991	
4	2	18	95	1012		5.211741	
5	2	5	84.9	1167		6.956813	1
6	2	11	82.9	1022		8.214937	
7	2	7	96	1368		9.53815	
8	3	8	57	1322	1628	10.625515	
9	3	6	63	1327	1347	11.145088	

Bin5 Statistics 23

CF=5497MHz

Trial #	Pulse	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	56.7			0.302242	1
1	3	17	56.1	1776	1345	1.001009	
2	2	16	67.5	1432		1.717581	
3	2	20	73.9	1481		2.639053	
4	2	19	93.3	1685		3.035181	
5	3	16	63.5	1105	1937	4.02196	
6	1	17	59.8			4.884531	
7	3	16	75.7	1627	1136	5.628417	
8	3	12	67.2	1686	1962	6.661698	
9	3	9	53.3	1177	1561	7.027106	
10	1	18	54.7			7.95017	
11	3	20	72.8	1390	1152	8.298158	
12	1	9	70.8			9.515904	
13	3	8	57	1480	1509	10.092056	
14	3	18	68.5	1804	1764	10.678864	
15	2	6	93.9	1703		11.285783	

Bin5 Statistics 24

CF=5501MHz

Trial #	Pulse	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	99.9	1960		0.347451	
1	3	14	77.2	1992	1204	0.852507	
2	2	18	51	1604		2.081698	
3	2	14	76	1450		2.403037	
4	2	19	92.9	1695		3.439002	
5	2	17	61.6	1511		3.872669	
6	3	18	72.2	1406	1242	4.297199	
7	2	11	52	1479		5.043831	
8	3	16	65.4	1415	1895	5.72125	1
9	1	15	82			6.56662	
10	3	9	87.7	1310	1671	7.163618	
11	2	9	80.4	1219		7.807274	
12	1	8	55.6			8.792476	
13	1	17	64.4			9.21712	
14	2	17	79.5	1921		10.240901	
15	2	20	51.8	1038		10.601175	
16	1	10	76			11.460236	

Bin5 Statistics 25

CF=5496MHz

Trial #	Pulse	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	98.6	1482		0.296088	
1	3	14	57.7	1899	1996	1.053453	
2	2	9	62.9	1161		1.367656	
3	3	7	87.1	1510	1879	2.344974	
4	2	11	92.6	1448		2.849541	
5	2	8	97	1577		3.3096	
6	1	19	65.9			4.253865	
7	3	10	99.9	1596	1278	4.826499	
8	2	19	75	1789		5.310866	
9	1	19	85.7			6.060308	1
10	2	19	76.6	1648		6.768651	
11	2	17	85.9	1811		7.000191	
12	2	9	56.7	1539		8.06165	
13	2	5	55.3	1927		8.329335	
14	2	10	68.2	1535		8.865781	
15	3	20	54.4	1375	1438	9.973626	
16	2	11	74	1473		10.498799	
17	1	14	85			11.275563	
18	1	13	88.1			11.405286	

Bin5 Statistics 26

CF=5497MHz

Trial #	Pulse	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	98.1	1637		0.484806	1
1	2	13	97.5	1832		1.299853	
2	2	7	76.9	1180		1.737199	
3	2	11	63.2	1262		2.597242	
4	3	17	58.8	1811	1913	3.141269	
5	1	12	94.1			3.623035	
6	2	8	91.6	1316		4.323687	
7	1	7	69.3			4.973111	
8	2	11	55.9	1138		5.410114	
9	2	10	79.3	1733		6.055957	
10	1	15	78.9			6.978465	
11	3	19	61	1067	1829	7.472977	
12	3	16	74.1	1740	1980	8.458883	
13	2	13	92.3	1094		9.078384	
14	2	5	84.2	1203		9.775721	
15	3	12	85.7	1248	1258	10.57435	
16	3	19	71.5	1627	1873	11.26305	
17	2	9	58.6	1419		11.345611	

Bin5 Statistics 27

CF=5492MHz

Trial #	Pulse	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	78.1	1561	1786	0.145385	1
1	2	19	94.8	1149		1.690865	
2	2	15	62.3	1035		2.434873	
3	2	19	68.7	1446		3.821076	
4	2	7	64	1907		4.799167	
5	1	19	76.1			5.748507	
6	3	19	62.1	1041	1907	7.611235	
7	3	8	85	1719	1559	8.707916	
8	2	11	87.1	1010		9.039635	
9	2	19	78.1	1690		9.920803	
10	2	19	62.8	1642		11.282324	

Bin5 Statistics 28

CF=5501MHz

Trial #	Pulse	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	64.8	1127		0.592668	1
1	2	17	73.3	1763		1.999567	
2	2	6	97.6	1844		2.668155	
3	3	11	72	1636	1433	3.605853	
4	1	14	71.2			5.510809	
5	2	11	83.9	1044		6.6228	
6	2	7	63.9	1612		7.405039	
7	2	13	85.7	1813		9.186067	
8	3	9	68.3	1546	1188	10.054263	
9	2	12	99.4	1786		11.628405	

Bin5 Statistics 29

CF=5491MHz

Trial #	Pulse	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	1827		0.675994	1
1	2	20	52.6	1757		0.924765	
2	3	10	82.1	1598	1168	2.031636	
3	2	19	52.9	1793		2.968247	
4	3	7	65.7	1653	1018	3.517203	
5	1	19	59.2			4.042073	
6	2	8	76.2	1823		5.159842	
7	2	12	66.2	1252		5.961857	
8	2	5	81.2	1531		6.612118	
9	2	17	66.4	1926		7.895318	
10	1	8	54.8			8.239628	
11	3	7	88.1	1047	1822	9.324227	
12	1	16	67.3			10.395704	
13	2	13	63.1	1886		10.955471	
14	2	16	88.6	1938		11.980432	

Bin5 Statistics 30

CF=5500MHz

Trial #	Pulse	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	78.4	1297		0.193832	1
1	2	18	53.3	1857		1.047539	
2	2	7	51.4	1784		1.440922	
3	3	19	96.6	1286	1249	2.227763	
4	2	7	76.4	1359		2.506585	
5	1	15	89.6			3.357937	
6	2	12	97.1	1650		3.803806	
7	2	8	55.7	1782		4.738712	
8	2	12	59.7	1926		4.816675	
9	2	17	83.3	1073		5.676304	
10	2	16	84.6	1584		6.144123	
11	3	17	60	1198	1065	6.837879	
12	1	9	69.4			7.737549	
13	2	11	61.8	1127		8.32077	
14	2	12	78.1	1503		8.414032	
15	3	16	52.7	1615	1403	9.132901	
16	2	13	70.6	1803		10.011035	
17	2	15	65	1415		10.300046	
18	1	10	62.2			11.041101	
19	2	16	64.4	1067		11.571513	

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	5500	9	1	333	1	5621.0, 5661.0, 5477.0, 5373.0, 5480.0, 5591.0, 5585.0, 5469.0, 5315.0, 5411.0, 5553.0, 5329.0, 5302.0, 5362.0, 5437.0, 5605.0, 5584.0, 5313.0, 5610.0, 5380.0, 5638.0, 5606.0, 5659.0, 5475.0, 5422.0, 5602.0, 5676.0, 5534.0, 5722.0, 5667.0, 5466.0, 5542.0, 5612.0, 5719.0, 5627.0, 5353.0, 5536.0, 5407.0, 5323.0, 5586.0, 5427.0, 5637.0, 5307.0, 5267.0, 5322.0, 5554.0, 5518.0, 5435.0, 5324.0, 5412.0, 5299.0, 5414.0, 5547.0, 5714.0, 5483.0, 5617.0, 5662.0, 5356.0, 5312.0, 5596.0, 5715.0, 5296.0, 5360.0, 5405.0, 5309.0, 5492.0, 5508.0, 5305.0, 5498.0, 5434.0, 5310.0, 5311.0, 5630.0, 5675.0, 5525.0, 5294.0, 5333.0, 5587.0, 5275.0, 5327.0, 5326.0, 5390.0, 5441.0, 5425.0, 5451.0, 5527.0, 5424.0, 5528.0, 5538.0, 5692.0, 5517.0, 5537.0, 5448.0, 5522.0, 5689.0, 5556.0, 5705.0, 5504.0, 5570.0, 5455.0 (number of hits: 4)
2	5500	9	1	333	1	5617.0, 5289.0, 5715.0, 5338.0, 5646.0, 5250.0, 5275.0, 5293.0, 5628.0, 5339.0, 5474.0, 5486.0, 5301.0, 5402.0, 5351.0, 5296.0, 5722.0, 5653.0, 5636.0, 5513.0, 5577.0, 5626.0, 5495.0, 5478.0, 5342.0, 5601.0, 5436.0, 5375.0, 5295.0, 5487.0, 5378.0, 5380.0, 5501.0, 5362.0, 5488.0, 5625.0, 5703.0, 5684.0, 5271.0, 5529.0, 5361.0, 5654.0, 5352.0, 5314.0, 5547.0, 5255.0, 5409.0, 5567.0, 5323.0, 5585.0, 5550.0, 5662.0, 5471.0, 5647.0, 5355.0, 5291.0, 5434.0, 5514.0, 5669.0, 5357.0, 5258.0, 5292.0, 5702.0, 5542.0, 5519.0, 5683.0, 5548.0, 5358.0, 5502.0, 5415.0, 5531.0, 5631.0, 5349.0, 5441.0, 5515.0, 5444.0, 5254.0, 5267.0, 5627.0, 5467.0, 5645.0, 5717.0, 5586.0, 5438.0, 5381.0, 5503.0, 5676.0, 5379.0, 5644.0, 5639.0, 5518.0, 5282.0, 5521.0, 5665.0, 5422.0, 5494.0, 5489.0, 5571.0, 5332.0, 5650.0 (number of hits: 5)
3	5500	9	1	333	1	5614.0, 5389.0, 5531.0, 5663.0, 5582.0, 5510.0, 5621.0, 5431.0, 5690.0, 5555.0, 5286.0, 5386.0, 5488.0, 5328.0, 5520.0, 5685.0, 5420.0, 5700.0, 5692.0, 5338.0, 5456.0, 5509.0, 5472.0, 5490.0, 5251.0, 5580.0, 5608.0, 5486.0, 5333.0, 5677.0, 5581.0, 5319.0, 5669.0, 5457.0, 5500.0, 5300.0, 5298.0, 5610.0, 5529.0, 5535.0, 5561.0, 5261.0, 5568.0, 5562.0, 5398.0,

						5342.0, 5556.0, 5480.0, 5575.0, 5508.0, 5597.0, 5496.0, 5491.0, 5471.0, 5256.0, 5708.0, 5445.0, 5315.0, 5379.0, 5609.0, 5417.0, 5464.0, 5385.0, 5341.0, 5594.0, 5290.0, 5468.0, 5664.0, 5479.0, 5662.0, 5351.0, 5630.0, 5367.0, 5271.0, 5277.0, 5691.0, 5296.0, 5461.0, 5712.0, 5294.0, 5371.0, 5631.0, 5337.0, 5519.0, 5502.0, 5297.0, 5553.0, 5346.0, 5515.0, 5661.0, 5412.0, 5304.0, 5494.0, 5444.0, 5670.0, 5533.0, 5573.0, 5327.0, 5440.0, 5719.0 (number of hits: 8)
4	5500	9	1	333	1	5372.0, 5294.0, 5271.0, 5547.0, 5586.0, 5527.0, 5641.0, 5632.0, 5460.0, 5645.0, 5596.0, 5651.0, 5332.0, 5263.0, 5398.0, 5529.0, 5616.0, 5618.0, 5468.0, 5660.0, 5421.0, 5393.0, 5544.0, 5390.0, 5703.0, 5612.0, 5392.0, 5482.0, 5642.0, 5413.0, 5357.0, 5415.0, 5653.0, 5312.0, 5563.0, 5711.0, 5575.0, 5308.0, 5326.0, 5368.0, 5522.0, 5598.0, 5601.0, 5622.0, 5292.0, 5480.0, 5472.0, 5427.0, 5404.0, 5637.0, 5495.0, 5381.0, 5469.0, 5543.0, 5569.0, 5337.0, 5709.0, 5354.0, 5366.0, 5378.0, 5316.0, 5531.0, 5484.0, 5558.0, 5692.0, 5568.0, 5383.0, 5520.0, 5494.0, 5671.0, 5688.0, 5638.0, 5620.0, 5288.0, 5252.0, 5355.0, 5690.0, 5595.0, 5293.0, 5521.0, 5403.0, 5559.0, 5512.0, 5503.0, 5614.0, 5609.0, 5369.0, 5702.0, 5406.0, 5497.0, 5298.0, 5532.0, 5423.0, 5385.0, 5282.0, 5422.0, 5474.0, 5387.0, 5419.0, 5417.0 (number of hits: 4)
5	5500	9	1	333	1	5457.0, 5330.0, 5363.0, 5552.0, 5628.0, 5409.0, 5314.0, 5295.0, 5618.0, 5372.0, 5291.0, 5583.0, 5502.0, 5303.0, 5512.0, 5350.0, 5625.0, 5430.0, 5499.0, 5650.0, 5459.0, 5526.0, 5563.0, 5370.0, 5462.0, 5274.0, 5375.0, 5654.0, 5704.0, 5560.0, 5366.0, 5386.0, 5620.0, 5575.0, 5701.0, 5261.0, 5639.0, 5395.0, 5406.0, 5555.0, 5588.0, 5721.0, 5340.0, 5589.0, 5281.0, 5467.0, 5653.0, 5368.0, 5344.0, 5538.0, 5529.0, 5484.0, 5595.0, 5322.0, 5285.0, 5513.0, 5598.0, 5277.0, 5435.0, 5691.0, 5433.0, 5713.0, 5280.0, 5567.0, 5380.0, 5403.0, 5388.0, 5389.0, 5543.0, 5456.0, 5357.0, 5591.0, 5418.0, 5306.0, 5564.0, 5597.0, 5278.0, 5562.0, 5471.0, 5568.0, 5659.0, 5300.0, 5719.0, 5524.0, 5453.0, 5688.0, 5619.0, 5359.0, 5255.0, 5675.0, 5371.0, 5520.0, 5343.0, 5299.0, 5415.0, 5642.0, 5697.0, 5254.0, 5364.0, 5498.0 (number of hits: 3)
6	5500	9	1	333	1	5700.0, 5723.0, 5591.0, 5708.0, 5670.0, 5388.0, 5548.0, 5374.0, 5536.0, 5444.0, 5326.0, 5664.0, 5267.0, 5339.0, 5314.0,

						5650.0, 5367.0, 5523.0, 5295.0, 5506.0, 5709.0, 5379.0, 5657.0, 5319.0, 5269.0, 5380.0, 5610.0, 5439.0, 5636.0, 5278.0, 5592.0, 5313.0, 5572.0, 5672.0, 5299.0, 5532.0, 5335.0, 5410.0, 5500.0, 5371.0, 5300.0, 5485.0, 5680.0, 5516.0, 5560.0, 5357.0, 5255.0, 5597.0, 5471.0, 5315.0, 5486.0, 5463.0, 5505.0, 5694.0, 5418.0, 5520.0, 5356.0, 5695.0, 5606.0, 5656.0, 5296.0, 5578.0, 5377.0, 5369.0, 5433.0, 5256.0, 5469.0, 5580.0, 5483.0, 5262.0, 5659.0, 5318.0, 5419.0, 5688.0, 5302.0, 5648.0, 5445.0, 5703.0, 5414.0, 5620.0, 5331.0, 5639.0, 5550.0, 5557.0, 5503.0, 5525.0, 5528.0, 5472.0, 5717.0, 5530.0, 5575.0, 5668.0, 5408.0, 5381.0, 5563.0, 5517.0, 5421.0, 5674.0, 5449.0, 5673.0 (number of hits: 4)
7	5500	9	1	333	1	5486.0, 5317.0, 5629.0, 5419.0, 5262.0, 5634.0, 5393.0, 5332.0, 5620.0, 5475.0, 5594.0, 5535.0, 5695.0, 5602.0, 5343.0, 5571.0, 5609.0, 5409.0, 5470.0, 5548.0, 5435.0, 5641.0, 5404.0, 5388.0, 5705.0, 5352.0, 5646.0, 5555.0, 5551.0, 5322.0, 5670.0, 5484.0, 5613.0, 5267.0, 5413.0, 5712.0, 5516.0, 5345.0, 5575.0, 5655.0, 5350.0, 5574.0, 5589.0, 5545.0, 5432.0, 5531.0, 5664.0, 5473.0, 5720.0, 5331.0, 5263.0, 5703.0, 5294.0, 5718.0, 5678.0, 5353.0, 5675.0, 5422.0, 5663.0, 5403.0, 5614.0, 5631.0, 5254.0, 5266.0, 5507.0, 5465.0, 5311.0, 5354.0, 5685.0, 5492.0, 5721.0, 5511.0, 5271.0, 5324.0, 5365.0, 5501.0, 5265.0, 5564.0, 5677.0, 5518.0, 5448.0, 5364.0, 5686.0, 5719.0, 5274.0, 5402.0, 5593.0, 5377.0, 5357.0, 5341.0, 5478.0, 5339.0, 5682.0, 5689.0, 5386.0, 5250.0, 5418.0, 5437.0, 5636.0, 5698.0 (number of hits: 3)
8	5500	9	1	333	1	5307.0, 5437.0, 5594.0, 5335.0, 5390.0, 5402.0, 5283.0, 5634.0, 5591.0, 5604.0, 5700.0, 5503.0, 5635.0, 5316.0, 5265.0, 5547.0, 5421.0, 5575.0, 5330.0, 5288.0, 5499.0, 5372.0, 5325.0, 5400.0, 5654.0, 5658.0, 5469.0, 5312.0, 5406.0, 5387.0, 5445.0, 5331.0, 5286.0, 5452.0, 5430.0, 5447.0, 5702.0, 5608.0, 5562.0, 5511.0, 5470.0, 5626.0, 5697.0, 5698.0, 5651.0, 5551.0, 5305.0, 5350.0, 5401.0, 5252.0, 5285.0, 5292.0, 5398.0, 5543.0, 5578.0, 5467.0, 5535.0, 5522.0, 5429.0, 5328.0, 5656.0, 5717.0, 5724.0, 5424.0, 5257.0, 5498.0, 5709.0, 5432.0, 5359.0, 5602.0, 5558.0, 5689.0, 5636.0, 5510.0, 5480.0, 5384.0, 5362.0, 5367.0, 5509.0, 5525.0, 5399.0, 5680.0, 5490.0, 5329.0, 5512.0, 5599.0, 5648.0, 5371.0, 5256.0, 5652.0,

						5664.0, 5254.0, 5477.0, 5583.0, 5422.0, 5304.0, 5516.0, 5278.0, 5341.0, 5647.0 (number of hits: 5)
9	5500	9	1	333	1	5375.0, 5529.0, 5392.0, 5496.0, 5267.0, 5578.0, 5589.0, 5494.0, 5370.0, 5445.0, 5486.0, 5623.0, 5482.0, 5462.0, 5452.0, 5595.0, 5620.0, 5310.0, 5481.0, 5679.0, 5422.0, 5430.0, 5277.0, 5321.0, 5487.0, 5608.0, 5300.0, 5580.0, 5393.0, 5637.0, 5339.0, 5677.0, 5356.0, 5579.0, 5345.0, 5661.0, 5685.0, 5591.0, 5467.0, 5376.0, 5250.0, 5596.0, 5708.0, 5381.0, 5520.0, 5508.0, 5557.0, 5609.0, 5470.0, 5488.0, 5565.0, 5429.0, 5292.0, 5473.0, 5365.0, 5361.0, 5313.0, 5413.0, 5689.0, 5570.0, 5387.0, 5420.0, 5383.0, 5696.0, 5346.0, 5397.0, 5366.0, 5681.0, 5599.0, 5537.0, 5552.0, 5330.0, 5317.0, 5524.0, 5560.0, 5257.0, 5669.0, 5593.0, 5531.0, 5335.0, 5358.0, 5664.0, 5662.0, 5687.0, 5424.0, 5721.0, 5703.0, 5510.0, 5287.0, 5683.0, 5421.0, 5603.0, 5693.0, 5368.0, 5654.0, 5498.0, 5327.0, 5621.0, 5717.0, 5443.0 (number of hits: 4)
10	5500	9	1	333	1	5332.0, 5650.0, 5266.0, 5482.0, 5710.0, 5640.0, 5413.0, 5614.0, 5304.0, 5409.0, 5367.0, 5523.0, 5281.0, 5375.0, 5307.0, 5259.0, 5276.0, 5351.0, 5550.0, 5314.0, 5369.0, 5353.0, 5693.0, 5709.0, 5531.0, 5478.0, 5719.0, 5282.0, 5348.0, 5423.0, 5553.0, 5278.0, 5481.0, 5619.0, 5635.0, 5424.0, 5489.0, 5559.0, 5543.0, 5446.0, 5444.0, 5390.0, 5605.0, 5325.0, 5464.0, 5338.0, 5374.0, 5410.0, 5447.0, 5679.0, 5697.0, 5656.0, 5557.0, 5522.0, 5666.0, 5622.0, 5611.0, 5419.0, 5643.0, 5661.0, 5615.0, 5379.0, 5616.0, 5578.0, 5339.0, 5574.0, 5624.0, 5442.0, 5418.0, 5645.0, 5451.0, 5285.0, 5324.0, 5579.0, 5336.0, 5711.0, 5345.0, 5647.0, 5450.0, 5344.0, 5355.0, 5430.0, 5686.0, 5565.0, 5585.0, 5421.0, 5529.0, 5683.0, 5487.0, 5623.0, 5665.0, 5689.0, 5598.0, 5596.0, 5700.0, 5608.0, 5477.0, 5702.0, 5457.0, 5495.0 (number of hits: 1)
11	5500	9	1	333	1	5451.0, 5642.0, 5585.0, 5376.0, 5421.0, 5636.0, 5402.0, 5667.0, 5464.0, 5611.0, 5658.0, 5662.0, 5318.0, 5350.0, 5697.0, 5310.0, 5283.0, 5309.0, 5696.0, 5630.0, 5664.0, 5516.0, 5435.0, 5415.0, 5688.0, 5336.0, 5599.0, 5491.0, 5483.0, 5528.0, 5466.0, 5661.0, 5513.0, 5549.0, 5261.0, 5715.0, 5554.0, 5320.0, 5358.0, 5453.0, 5689.0, 5487.0, 5455.0, 5400.0, 5495.0, 5390.0, 5574.0, 5437.0, 5531.0, 5519.0, 5609.0, 5370.0, 5561.0, 5434.0, 5712.0, 5698.0, 5473.0, 5597.0, 5347.0, 5641.0,

						5498.0, 5489.0, 5335.0, 5485.0, 5333.0, 5432.0, 5446.0, 5311.0, 5444.0, 5326.0, 5541.0, 5617.0, 5470.0, 5672.0, 5608.0, 5391.0, 5445.0, 5603.0, 5587.0, 5313.0, 5545.0, 5465.0, 5410.0, 5567.0, 5442.0, 5352.0, 5580.0, 5341.0, 5521.0, 5345.0, 5371.0, 5548.0, 5420.0, 5650.0, 5720.0, 5692.0, 5428.0, 5501.0, 5460.0, 5254.0 (number of hits: 4)
12	5500	9	1	333	1	5588.0, 5687.0, 5631.0, 5383.0, 5266.0, 5393.0, 5719.0, 5413.0, 5318.0, 5546.0, 5526.0, 5671.0, 5292.0, 5409.0, 5272.0, 5261.0, 5575.0, 5692.0, 5301.0, 5535.0, 5708.0, 5355.0, 5408.0, 5427.0, 5323.0, 5351.0, 5489.0, 5662.0, 5656.0, 5522.0, 5469.0, 5276.0, 5543.0, 5579.0, 5381.0, 5452.0, 5447.0, 5269.0, 5254.0, 5465.0, 5714.0, 5705.0, 5621.0, 5545.0, 5411.0, 5479.0, 5267.0, 5307.0, 5253.0, 5585.0, 5416.0, 5349.0, 5286.0, 5429.0, 5595.0, 5665.0, 5453.0, 5561.0, 5430.0, 5451.0, 5446.0, 5524.0, 5529.0, 5613.0, 5598.0, 5597.0, 5601.0, 5697.0, 5653.0, 5616.0, 5581.0, 5706.0, 5504.0, 5304.0, 5540.0, 5332.0, 5366.0, 5449.0, 5464.0, 5389.0, 5612.0, 5599.0, 5478.0, 5532.0, 5296.0, 5380.0, 5488.0, 5660.0, 5275.0, 5701.0, 5374.0, 5615.0, 5525.0, 5560.0, 5693.0, 5252.0, 5473.0, 5378.0, 5648.0, 5576.0 (number of hits: 1)
13	5500	9	1	333	1	5694.0, 5710.0, 5693.0, 5451.0, 5288.0, 5338.0, 5319.0, 5267.0, 5699.0, 5480.0, 5590.0, 5261.0, 5550.0, 5530.0, 5686.0, 5334.0, 5316.0, 5662.0, 5364.0, 5410.0, 5575.0, 5424.0, 5554.0, 5258.0, 5512.0, 5669.0, 5347.0, 5671.0, 5478.0, 5557.0, 5376.0, 5522.0, 5355.0, 5546.0, 5310.0, 5328.0, 5536.0, 5384.0, 5539.0, 5379.0, 5723.0, 5402.0, 5397.0, 5409.0, 5348.0, 5332.0, 5608.0, 5515.0, 5440.0, 5634.0, 5320.0, 5702.0, 5719.0, 5565.0, 5399.0, 5680.0, 5368.0, 5519.0, 5465.0, 5567.0, 5641.0, 5485.0, 5415.0, 5682.0, 5322.0, 5704.0, 5489.0, 5274.0, 5380.0, 5689.0, 5614.0, 5688.0, 5573.0, 5602.0, 5260.0, 5363.0, 5420.0, 5532.0, 5607.0, 5571.0, 5422.0, 5327.0, 5549.0, 5257.0, 5566.0, 5436.0, 5646.0, 5484.0, 5601.0, 5544.0, 5665.0, 5490.0, 5545.0, 5645.0, 5481.0, 5343.0, 5541.0, 5287.0, 5405.0, 5711.0 (number of hits: 1)
14	5500	9	1	333	1	5495.0, 5633.0, 5548.0, 5461.0, 5630.0, 5573.0, 5613.0, 5579.0, 5508.0, 5255.0, 5671.0, 5417.0, 5277.0, 5564.0, 5606.0, 5707.0, 5446.0, 5346.0, 5468.0, 5399.0, 5452.0, 5695.0, 5462.0, 5602.0, 5412.0, 5531.0, 5296.0, 5724.0, 5582.0, 5335.0,

						5580.0, 5609.0, 5544.0, 5636.0, 5287.0, 5480.0, 5273.0, 5584.0, 5562.0, 5350.0, 5332.0, 5429.0, 5377.0, 5656.0, 5261.0, 5310.0, 5560.0, 5436.0, 5715.0, 5475.0, 5394.0, 5251.0, 5286.0, 5522.0, 5599.0, 5457.0, 5378.0, 5381.0, 5270.0, 5344.0, 5504.0, 5428.0, 5439.0, 5454.0, 5297.0, 5253.0, 5342.0, 5379.0, 5358.0, 5309.0, 5712.0, 5369.0, 5519.0, 5682.0, 5300.0, 5543.0, 5709.0, 5364.0, 5307.0, 5365.0, 5514.0, 5423.0, 5362.0, 5438.0, 5523.0, 5459.0, 5373.0, 5652.0, 5262.0, 5558.0, 5719.0, 5359.0, 5568.0, 5667.0, 5366.0, 5256.0, 5403.0, 5545.0, 5289.0, 5450.0 (number of hits: 3)
15	5500	9	1	333	1	5564.0, 5409.0, 5531.0, 5528.0, 5635.0, 5313.0, 5487.0, 5695.0, 5508.0, 5498.0, 5371.0, 5714.0, 5534.0, 5413.0, 5634.0, 5262.0, 5430.0, 5678.0, 5252.0, 5592.0, 5410.0, 5273.0, 5310.0, 5348.0, 5350.0, 5436.0, 5607.0, 5379.0, 5411.0, 5458.0, 5491.0, 5419.0, 5687.0, 5709.0, 5276.0, 5643.0, 5284.0, 5515.0, 5455.0, 5522.0, 5289.0, 5325.0, 5433.0, 5377.0, 5545.0, 5290.0, 5679.0, 5264.0, 5404.0, 5346.0, 5285.0, 5530.0, 5255.0, 5258.0, 5496.0, 5271.0, 5375.0, 5383.0, 5495.0, 5670.0, 5581.0, 5423.0, 5595.0, 5701.0, 5650.0, 5720.0, 5439.0, 5363.0, 5461.0, 5438.0, 5706.0, 5585.0, 5389.0, 5681.0, 5415.0, 5532.0, 5659.0, 5405.0, 5256.0, 5700.0, 5370.0, 5654.0, 5437.0, 5319.0, 5362.0, 5583.0, 5300.0, 5694.0, 5669.0, 5685.0, 5526.0, 5507.0, 5340.0, 5540.0, 5408.0, 5445.0, 5373.0, 5692.0, 5451.0, 5465.0 (number of hits: 6)
16	5500	9	1	333	1	5356.0, 5306.0, 5614.0, 5638.0, 5285.0, 5259.0, 5662.0, 5466.0, 5672.0, 5653.0, 5684.0, 5570.0, 5328.0, 5686.0, 5497.0, 5272.0, 5597.0, 5399.0, 5511.0, 5588.0, 5266.0, 5319.0, 5367.0, 5403.0, 5675.0, 5458.0, 5679.0, 5348.0, 5673.0, 5261.0, 5526.0, 5265.0, 5586.0, 5489.0, 5308.0, 5425.0, 5312.0, 5275.0, 5603.0, 5439.0, 5276.0, 5621.0, 5332.0, 5420.0, 5378.0, 5698.0, 5360.0, 5713.0, 5404.0, 5636.0, 5619.0, 5463.0, 5334.0, 5551.0, 5317.0, 5649.0, 5361.0, 5424.0, 5349.0, 5530.0, 5711.0, 5624.0, 5607.0, 5552.0, 5405.0, 5577.0, 5622.0, 5656.0, 5493.0, 5685.0, 5606.0, 5398.0, 5689.0, 5641.0, 5451.0, 5446.0, 5453.0, 5535.0, 5341.0, 5290.0, 5506.0, 5525.0, 5704.0, 5373.0, 5353.0, 5474.0, 5611.0, 5590.0, 5596.0, 5338.0, 5702.0, 5645.0, 5663.0, 5286.0, 5430.0, 5366.0, 5456.0, 5368.0, 5668.0, 5409.0 (number of hits: 3)

17	5500	9	1	333	1	5380.0, 5609.0, 5261.0, 5276.0, 5284.0, 5695.0, 5626.0, 5648.0, 5518.0, 5515.0, 5713.0, 5360.0, 5602.0, 5659.0, 5579.0, 5714.0, 5601.0, 5582.0, 5409.0, 5386.0, 5615.0, 5710.0, 5319.0, 5516.0, 5674.0, 5481.0, 5344.0, 5612.0, 5299.0, 5313.0, 5338.0, 5406.0, 5377.0, 5696.0, 5314.0, 5506.0, 5565.0, 5467.0, 5631.0, 5661.0, 5608.0, 5434.0, 5690.0, 5719.0, 5679.0, 5400.0, 5488.0, 5503.0, 5461.0, 5349.0, 5348.0, 5621.0, 5398.0, 5309.0, 5253.0, 5517.0, 5341.0, 5703.0, 5331.0, 5288.0, 5268.0, 5513.0, 5553.0, 5721.0, 5557.0, 5405.0, 5656.0, 5469.0, 5573.0, 5640.0, 5433.0, 5362.0, 5451.0, 5716.0, 5302.0, 5264.0, 5332.0, 5708.0, 5329.0, 5632.0, 5266.0, 5431.0, 5637.0, 5463.0, 5368.0, 5359.0, 5421.0, 5417.0, 5442.0, 5628.0, 5448.0, 5651.0, 5328.0, 5555.0, 5662.0, 5534.0, 5657.0, 5569.0, 5670.0, 5473.0 (number of hits: 2)
18	5500	9	1	333	1	5261.0, 5687.0, 5591.0, 5595.0, 5315.0, 5564.0, 5643.0, 5651.0, 5278.0, 5270.0, 5317.0, 5520.0, 5257.0, 5487.0, 5700.0, 5568.0, 5544.0, 5332.0, 5561.0, 5632.0, 5545.0, 5499.0, 5382.0, 5536.0, 5659.0, 5442.0, 5690.0, 5589.0, 5363.0, 5552.0, 5510.0, 5470.0, 5618.0, 5360.0, 5446.0, 5299.0, 5357.0, 5507.0, 5265.0, 5293.0, 5422.0, 5464.0, 5661.0, 5723.0, 5602.0, 5408.0, 5537.0, 5613.0, 5266.0, 5322.0, 5386.0, 5515.0, 5417.0, 5516.0, 5689.0, 5494.0, 5272.0, 5458.0, 5453.0, 5448.0, 5309.0, 5543.0, 5623.0, 5680.0, 5393.0, 5528.0, 5432.0, 5466.0, 5281.0, 5604.0, 5345.0, 5607.0, 5319.0, 5565.0, 5644.0, 5653.0, 5304.0, 5437.0, 5505.0, 5698.0, 5380.0, 5721.0, 5525.0, 5603.0, 5675.0, 5300.0, 5440.0, 5695.0, 5324.0, 5664.0, 5450.0, 5439.0, 5283.0, 5339.0, 5703.0, 5616.0, 5310.0, 5444.0, 5449.0, 5390.0 (number of hits: 4)
19	5500	9	1	333	1	5409.0, 5290.0, 5634.0, 5356.0, 5298.0, 5464.0, 5272.0, 5289.0, 5660.0, 5563.0, 5278.0, 5426.0, 5651.0, 5487.0, 5363.0, 5723.0, 5652.0, 5690.0, 5648.0, 5682.0, 5616.0, 5663.0, 5483.0, 5354.0, 5460.0, 5479.0, 5481.0, 5335.0, 5673.0, 5384.0, 5595.0, 5271.0, 5439.0, 5284.0, 5280.0, 5340.0, 5542.0, 5584.0, 5606.0, 5488.0, 5715.0, 5446.0, 5561.0, 5691.0, 5473.0, 5388.0, 5525.0, 5582.0, 5296.0, 5347.0, 5374.0, 5463.0, 5533.0, 5499.0, 5486.0, 5688.0, 5585.0, 5603.0, 5601.0, 5407.0, 5705.0, 5706.0, 5256.0, 5699.0, 5381.0, 5712.0, 5461.0, 5434.0, 5394.0, 5655.0, 5529.0, 5577.0, 5263.0, 5459.0, 5476.0,

						5389.0, 5373.0, 5689.0, 5598.0, 5587.0, 5309.0, 5496.0, 5522.0, 5624.0, 5641.0, 5523.0, 5445.0, 5672.0, 5544.0, 5620.0, 5443.0, 5574.0, 5328.0, 5538.0, 5623.0, 5640.0, 5687.0, 5654.0, 5450.0, 5436.0 (number of hits: 2)
20	5500	9	1	333	1	5522.0, 5665.0, 5621.0, 5578.0, 5464.0, 5640.0, 5603.0, 5370.0, 5342.0, 5638.0, 5380.0, 5316.0, 5271.0, 5557.0, 5532.0, 5300.0, 5448.0, 5716.0, 5411.0, 5406.0, 5403.0, 5307.0, 5262.0, 5669.0, 5548.0, 5694.0, 5360.0, 5682.0, 5354.0, 5363.0, 5554.0, 5678.0, 5654.0, 5540.0, 5643.0, 5327.0, 5519.0, 5504.0, 5696.0, 5279.0, 5331.0, 5404.0, 5704.0, 5632.0, 5349.0, 5345.0, 5634.0, 5555.0, 5525.0, 5291.0, 5693.0, 5434.0, 5428.0, 5264.0, 5660.0, 5395.0, 5340.0, 5642.0, 5266.0, 5718.0, 5457.0, 5572.0, 5393.0, 5440.0, 5443.0, 5644.0, 5541.0, 5569.0, 5268.0, 5311.0, 5450.0, 5503.0, 5482.0, 5558.0, 5312.0, 5362.0, 5321.0, 5609.0, 5280.0, 5390.0, 5652.0, 5475.0, 5598.0, 5259.0, 5424.0, 5347.0, 5267.0, 5542.0, 5562.0, 5348.0, 5523.0, 5677.0, 5544.0, 5323.0, 5561.0, 5502.0, 5528.0, 5689.0, 5597.0, 5376.0 (number of hits: 3)
21	5500	9	1	333	1	5702.0, 5457.0, 5537.0, 5601.0, 5610.0, 5340.0, 5413.0, 5721.0, 5526.0, 5267.0, 5363.0, 5643.0, 5678.0, 5341.0, 5270.0, 5543.0, 5594.0, 5630.0, 5665.0, 5433.0, 5332.0, 5620.0, 5256.0, 5310.0, 5346.0, 5622.0, 5681.0, 5692.0, 5336.0, 5278.0, 5508.0, 5281.0, 5353.0, 5637.0, 5609.0, 5325.0, 5290.0, 5302.0, 5674.0, 5254.0, 5376.0, 5660.0, 5695.0, 5362.0, 5460.0, 5718.0, 5629.0, 5686.0, 5723.0, 5548.0, 5714.0, 5391.0, 5388.0, 5552.0, 5688.0, 5536.0, 5301.0, 5423.0, 5531.0, 5440.0, 5453.0, 5455.0, 5709.0, 5252.0, 5560.0, 5375.0, 5545.0, 5510.0, 5396.0, 5326.0, 5644.0, 5397.0, 5469.0, 5612.0, 5264.0, 5519.0, 5419.0, 5454.0, 5720.0, 5262.0, 5698.0, 5373.0, 5653.0, 5673.0, 5585.0, 5587.0, 5597.0, 5333.0, 5439.0, 5343.0, 5568.0, 5319.0, 5409.0, 5477.0, 5716.0, 5354.0, 5544.0, 5381.0, 5275.0, 5382.0 (number of hits: 1)
22	5500	9	1	333	1	5638.0, 5488.0, 5558.0, 5411.0, 5532.0, 5677.0, 5707.0, 5270.0, 5337.0, 5719.0, 5409.0, 5489.0, 5334.0, 5315.0, 5431.0, 5339.0, 5711.0, 5613.0, 5501.0, 5714.0, 5577.0, 5340.0, 5386.0, 5427.0, 5482.0, 5680.0, 5298.0, 5632.0, 5539.0, 5671.0, 5606.0, 5616.0, 5566.0, 5319.0, 5274.0, 5426.0, 5437.0, 5336.0, 5351.0, 5542.0, 5328.0, 5639.0, 5305.0, 5608.0, 5541.0,

						5576.0, 5610.0, 5659.0, 5382.0, 5481.0, 5678.0, 5525.0, 5722.0, 5294.0, 5675.0, 5302.0, 5469.0, 5663.0, 5269.0, 5424.0, 5414.0, 5505.0, 5712.0, 5446.0, 5444.0, 5502.0, 5562.0, 5360.0, 5495.0, 5367.0, 5451.0, 5342.0, 5255.0, 5520.0, 5589.0, 5657.0, 5466.0, 5363.0, 5651.0, 5604.0, 5369.0, 5314.0, 5400.0, 5354.0, 5490.0, 5607.0, 5701.0, 5658.0, 5453.0, 5713.0, 5493.0, 5485.0, 5297.0, 5393.0, 5580.0, 5419.0, 5454.0, 5309.0, 5630.0, 5278.0 (number of hits: 6)
23	5500	9	1	333	1	5535.0, 5498.0, 5367.0, 5429.0, 5482.0, 5465.0, 5663.0, 5276.0, 5656.0, 5356.0, 5672.0, 5657.0, 5402.0, 5258.0, 5400.0, 5326.0, 5519.0, 5629.0, 5446.0, 5585.0, 5256.0, 5700.0, 5589.0, 5294.0, 5251.0, 5546.0, 5257.0, 5675.0, 5696.0, 5540.0, 5717.0, 5714.0, 5561.0, 5576.0, 5315.0, 5457.0, 5453.0, 5695.0, 5413.0, 5311.0, 5468.0, 5548.0, 5420.0, 5666.0, 5303.0, 5433.0, 5354.0, 5514.0, 5259.0, 5640.0, 5416.0, 5360.0, 5584.0, 5531.0, 5442.0, 5523.0, 5613.0, 5490.0, 5665.0, 5309.0, 5341.0, 5264.0, 5692.0, 5506.0, 5573.0, 5658.0, 5530.0, 5599.0, 5556.0, 5252.0, 5463.0, 5397.0, 5281.0, 5643.0, 5512.0, 5497.0, 5610.0, 5615.0, 5681.0, 5297.0, 5544.0, 5624.0, 5380.0, 5472.0, 5270.0, 5679.0, 5713.0, 5543.0, 5633.0, 5708.0, 5466.0, 5667.0, 5513.0, 5718.0, 5471.0, 5722.0, 5594.0, 5388.0, 5528.0, 5439.0 (number of hits: 4)
24	5500	9	1	333	1	5578.0, 5436.0, 5271.0, 5283.0, 5252.0, 5431.0, 5717.0, 5388.0, 5676.0, 5557.0, 5409.0, 5708.0, 5266.0, 5660.0, 5612.0, 5533.0, 5365.0, 5510.0, 5591.0, 5349.0, 5652.0, 5362.0, 5350.0, 5526.0, 5666.0, 5643.0, 5471.0, 5292.0, 5695.0, 5263.0, 5296.0, 5267.0, 5664.0, 5496.0, 5650.0, 5663.0, 5566.0, 5440.0, 5507.0, 5698.0, 5435.0, 5344.0, 5568.0, 5720.0, 5530.0, 5722.0, 5386.0, 5512.0, 5457.0, 5487.0, 5508.0, 5636.0, 5656.0, 5417.0, 5412.0, 5441.0, 5410.0, 5325.0, 5542.0, 5558.0, 5543.0, 5275.0, 5366.0, 5357.0, 5686.0, 5301.0, 5670.0, 5654.0, 5692.0, 5293.0, 5324.0, 5475.0, 5468.0, 5511.0, 5287.0, 5294.0, 5714.0, 5360.0, 5387.0, 5648.0, 5705.0, 5673.0, 5572.0, 5569.0, 5635.0, 5427.0, 5259.0, 5649.0, 5453.0, 5531.0, 5255.0, 5594.0, 5563.0, 5278.0, 5651.0, 5364.0, 5276.0, 5617.0, 5587.0, 5597.0 (number of hits: 3)
25	5500	9	1	333	1	5564.0, 5442.0, 5329.0, 5450.0, 5370.0, 5677.0, 5416.0, 5622.0, 5256.0, 5590.0, 5406.0, 5576.0, 5459.0, 5270.0, 5616.0,

						5418.0, 5505.0, 5352.0, 5654.0, 5413.0, 5391.0, 5514.0, 5307.0, 5606.0, 5449.0, 5587.0, 5380.0, 5296.0, 5283.0, 5274.0, 5373.0, 5510.0, 5676.0, 5347.0, 5289.0, 5420.0, 5683.0, 5267.0, 5335.0, 5717.0, 5290.0, 5672.0, 5474.0, 5387.0, 5633.0, 5533.0, 5383.0, 5262.0, 5607.0, 5292.0, 5620.0, 5493.0, 5360.0, 5255.0, 5678.0, 5367.0, 5670.0, 5621.0, 5302.0, 5491.0, 5319.0, 5412.0, 5275.0, 5382.0, 5582.0, 5487.0, 5679.0, 5550.0, 5496.0, 5595.0, 5552.0, 5364.0, 5443.0, 5423.0, 5447.0, 5439.0, 5667.0, 5553.0, 5690.0, 5365.0, 5315.0, 5574.0, 5696.0, 5478.0, 5580.0, 5689.0, 5715.0, 5405.0, 5714.0, 5693.0, 5668.0, 5392.0, 5345.0, 5658.0, 5555.0, 5560.0, 5503.0, 5511.0, 5563.0, 5284.0 (number of hits: 5)
26	5500	9	1	333	1	5474.0, 5378.0, 5409.0, 5332.0, 5691.0, 5572.0, 5577.0, 5639.0, 5663.0, 5471.0, 5677.0, 5420.0, 5536.0, 5630.0, 5262.0, 5514.0, 5687.0, 5395.0, 5720.0, 5701.0, 5689.0, 5466.0, 5615.0, 5336.0, 5404.0, 5606.0, 5383.0, 5549.0, 5637.0, 5668.0, 5716.0, 5305.0, 5700.0, 5253.0, 5254.0, 5673.0, 5672.0, 5538.0, 5570.0, 5664.0, 5465.0, 5717.0, 5473.0, 5357.0, 5464.0, 5358.0, 5563.0, 5275.0, 5643.0, 5625.0, 5330.0, 5393.0, 5507.0, 5589.0, 5444.0, 5678.0, 5400.0, 5647.0, 5340.0, 5525.0, 5322.0, 5502.0, 5711.0, 5600.0, 5634.0, 5447.0, 5271.0, 5553.0, 5522.0, 5633.0, 5331.0, 5364.0, 5424.0, 5518.0, 5272.0, 5296.0, 5259.0, 5477.0, 5482.0, 5512.0, 5526.0, 5575.0, 5641.0, 5593.0, 5403.0, 5508.0, 5356.0, 5301.0, 5546.0, 5488.0, 5706.0, 5723.0, 5653.0, 5628.0, 5516.0, 5419.0, 5529.0, 5545.0, 5339.0, 5642.0 (number of hits: 3)
27	5500	9	1	333	1	5475.0, 5585.0, 5493.0, 5386.0, 5319.0, 5616.0, 5282.0, 5690.0, 5444.0, 5482.0, 5498.0, 5492.0, 5406.0, 5546.0, 5578.0, 5680.0, 5481.0, 5700.0, 5297.0, 5447.0, 5443.0, 5550.0, 5296.0, 5699.0, 5607.0, 5463.0, 5256.0, 5683.0, 5672.0, 5621.0, 5400.0, 5425.0, 5703.0, 5326.0, 5320.0, 5675.0, 5623.0, 5647.0, 5686.0, 5293.0, 5267.0, 5525.0, 5618.0, 5280.0, 5415.0, 5517.0, 5512.0, 5276.0, 5553.0, 5636.0, 5300.0, 5495.0, 5290.0, 5340.0, 5349.0, 5661.0, 5397.0, 5392.0, 5301.0, 5521.0, 5416.0, 5534.0, 5437.0, 5581.0, 5676.0, 5518.0, 5310.0, 5639.0, 5431.0, 5283.0, 5603.0, 5712.0, 5509.0, 5646.0, 5671.0, 5334.0, 5305.0, 5551.0, 5565.0, 5577.0, 5648.0, 5384.0, 5511.0, 5555.0, 5677.0, 5263.0, 5255.0, 5583.0, 5663.0, 5318.0,

						5588.0, 5707.0, 5329.0, 5662.0, 5471.0, 5579.0, 5499.0, 5313.0, 5527.0, 5510.0 (number of hits: 6)
28	5500	9	1	333	1	5327.0, 5313.0, 5535.0, 5673.0, 5633.0, 5257.0, 5443.0, 5358.0, 5456.0, 5420.0, 5614.0, 5307.0, 5508.0, 5324.0, 5537.0, 5689.0, 5675.0, 5705.0, 5724.0, 5506.0, 5275.0, 5368.0, 5303.0, 5397.0, 5309.0, 5601.0, 5472.0, 5450.0, 5669.0, 5574.0, 5556.0, 5561.0, 5700.0, 5349.0, 5528.0, 5482.0, 5390.0, 5527.0, 5493.0, 5453.0, 5435.0, 5642.0, 5577.0, 5644.0, 5385.0, 5604.0, 5720.0, 5423.0, 5474.0, 5623.0, 5460.0, 5459.0, 5585.0, 5658.0, 5656.0, 5565.0, 5353.0, 5483.0, 5709.0, 5479.0, 5494.0, 5632.0, 5321.0, 5588.0, 5481.0, 5582.0, 5701.0, 5643.0, 5401.0, 5406.0, 5621.0, 5486.0, 5541.0, 5712.0, 5609.0, 5600.0, 5716.0, 5302.0, 5667.0, 5501.0, 5477.0, 5266.0, 5674.0, 5333.0, 5526.0, 5630.0, 5599.0, 5722.0, 5293.0, 5262.0, 5273.0, 5509.0, 5305.0, 5343.0, 5461.0, 5663.0, 5485.0, 5567.0, 5715.0, 5622.0 (number of hits: 6)
29	5500	9	1	333	1	5391.0, 5672.0, 5682.0, 5381.0, 5473.0, 5251.0, 5484.0, 5390.0, 5328.0, 5269.0, 5318.0, 5533.0, 5342.0, 5324.0, 5376.0, 5400.0, 5362.0, 5628.0, 5602.0, 5410.0, 5367.0, 5627.0, 5416.0, 5462.0, 5458.0, 5538.0, 5717.0, 5384.0, 5720.0, 5590.0, 5662.0, 5601.0, 5445.0, 5279.0, 5427.0, 5652.0, 5337.0, 5681.0, 5535.0, 5714.0, 5704.0, 5622.0, 5491.0, 5636.0, 5690.0, 5263.0, 5319.0, 5633.0, 5472.0, 5706.0, 5678.0, 5380.0, 5612.0, 5606.0, 5497.0, 5377.0, 5665.0, 5675.0, 5486.0, 5613.0, 5439.0, 5620.0, 5702.0, 5460.0, 5418.0, 5506.0, 5412.0, 5630.0, 5334.0, 5708.0, 5388.0, 5527.0, 5691.0, 5435.0, 5629.0, 5398.0, 5493.0, 5267.0, 5542.0, 5659.0, 5673.0, 5639.0, 5548.0, 5519.0, 5658.0, 5615.0, 5631.0, 5530.0, 5626.0, 5570.0, 5680.0, 5608.0, 5600.0, 5270.0, 5605.0, 5326.0, 5310.0, 5394.0, 5331.0, 5404.0 (number of hits: 4)
30	5500	9	1	333	1	5403.0, 5557.0, 5313.0, 5576.0, 5424.0, 5255.0, 5500.0, 5409.0, 5530.0, 5282.0, 5275.0, 5483.0, 5633.0, 5273.0, 5615.0, 5532.0, 5528.0, 5539.0, 5691.0, 5495.0, 5611.0, 5385.0, 5257.0, 5366.0, 5516.0, 5559.0, 5540.0, 5547.0, 5412.0, 5262.0, 5448.0, 5432.0, 5654.0, 5721.0, 5561.0, 5439.0, 5312.0, 5306.0, 5421.0, 5428.0, 5442.0, 5493.0, 5364.0, 5431.0, 5285.0, 5386.0, 5444.0, 5524.0, 5553.0, 5296.0, 5417.0, 5719.0, 5469.0, 5686.0, 5622.0, 5345.0, 5487.0, 5348.0, 5330.0, 5630.0,

						5318.0, 5425.0, 5494.0, 5470.0, 5567.0, 5343.0, 5310.0, 5647.0, 5267.0, 5357.0, 5359.0, 5476.0, 5525.0, 5625.0, 5527.0, 5642.0, 5717.0, 5671.0, 5573.0, 5574.0, 5501.0, 5254.0, 5550.0, 5664.0, 5382.0, 5706.0, 5636.0, 5672.0, 5710.0, 5604.0, 5708.0, 5276.0, 5433.0, 5635.0, 5571.0, 5517.0, 5570.0, 5663.0, 5397.0, 5347.0 (number of hits: 5)

5270 MHz, 40 MHz Bandwidth

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

Please refer to the following statistical tables:

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

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5270	83	1	638	1
2	5270	74	1	718	1
3	5270	67	1	798	1
4	5270	81	1	658	1
5	5270	92	1	578	1
6	5270	58	1	918	1
7	5270	99	1	538	1
8	5270	62	1	858	1
9	5270	65	1	818	1
10	5270	89	1	598	1
11	5270	95	1	558	1
12	5270	70	1	758	1
13	5270	76	1	698	1
14	5270	86	1	618	1
15	5270	68	1	778	1
16	5270	19	1	2850	1
17	5270	25	1	2114	1
18	5270	23	1	2396	1
19	5270	20	1	2748	1
20	5270	21	1	2533	1
21	5270	80	1	664	1
22	5270	96	1	551	1
23	5270	95	1	559	1
24	5270	19	1	2820	1
25	5270	30	1	1771	1
26	5270	21	1	2544	1
27	5270	18	1	3046	1
28	5270	100	1	530	1
29	5270	30	1	1812	1
30	5270	59	1	902	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5270	29	4.3	222	1
2	5270	27	1.4	204	1
3	5270	28	3.1	196	1
4	5270	26	2.7	175	1
5	5270	23	2.5	167	1
6	5270	27	3.5	225	1
7	5270	27	2.1	207	1
8	5270	28	4.1	172	1
9	5270	26	4.2	178	1
10	5270	28	3.9	222	1
11	5270	24	1.8	170	1
12	5270	23	3.8	202	1
13	5270	27	1.1	169	1
14	5270	25	4.9	219	1
15	5270	28	2.4	198	1
16	5270	23	4.3	198	1
17	5270	28	2.7	213	1
18	5270	29	4.4	172	1
19	5270	25	1.2	177	1
20	5270	27	3.1	226	1
21	5270	26	1.6	152	1
22	5270	25	3	189	1
23	5270	27	3.4	213	1
24	5270	26	3.1	214	1
25	5270	23	1.4	217	1
26	5270	23	2.8	229	1
27	5270	29	3.4	205	1
28	5270	29	1	186	1
29	5270	25	2.9	183	1
30	5270	25	4.1	154	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	17	9.7	427	1
2	5270	18	6.9	272	1
3	5270	16	6.1	313	1
4	5270	17	9.7	380	1
5	5270	17	7	315	1
6	5270	18	7	295	1
7	5270	17	7.7	479	1
8	5270	17	8.9	271	1
9	5270	17	7.5	441	1
10	5270	16	10	424	1
11	5270	17	8.3	346	1
12	5270	17	6.8	419	1
13	5270	16	9.8	462	1
14	5270	18	8.3	239	1
15	5270	17	8.4	321	1
16	5270	18	6.3	482	1
17	5270	18	9.4	325	1
18	5270	17	6.7	405	1
19	5270	17	9.5	389	1
20	5270	16	6.2	267	1
21	5270	16	9.8	245	1
22	5270	16	6.4	250	1
23	5270	18	8	246	1
24	5270	16	9	374	1
25	5270	18	6.9	299	1
26	5270	17	7.8	312	1
27	5270	16	7.7	254	1
28	5270	18	9.7	413	1
29	5270	18	9.2	334	1
30	5270	18	8.3	223	1
Detection Percentage: 100 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5270	16	14.1	291	1
2	5270	16	15.5	219	1
3	5270	12	16	493	1
4	5270	13	19.7	312	1
5	5270	14	15.2	307	1
6	5270	16	19.5	392	1
7	5270	15	17.7	431	1
8	5270	12	16.2	214	1
9	5270	16	17.7	339	1
10	5270	15	15.3	392	1
11	5270	13	11.4	354	1
12	5270	12	18.5	253	1
13	5270	16	17.7	256	1
14	5270	16	15.2	405	1
15	5270	12	12.6	470	1
16	5270	14	14.9	355	1
17	5270	16	16	216	1
18	5270	15	16.3	391	1
19	5270	13	14.3	327	1
20	5270	15	17	257	1
21	5270	16	15.9	397	1
22	5270	16	14.2	438	1
23	5270	12	18.5	326	1
24	5270	13	11.7	398	1
25	5270	13	14.2	367	1
26	5270	14	11.9	449	1
27	5270	12	11.8	419	1
28	5270	13	13.8	262	1
29	5270	13	16.3	443	1
30	5270	16	15.7	309	1
Detection Percentage: 100 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Bin5 Statistics 1

CF=5259MHz

Trial #	Pulse	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	94.5	1011	1875	1.09896	1
1	1	13	94.9			1.534795	
2	3	16	93.4	1382	1055	3.123856	
3	2	6	59.8	1710		4.048615	
4	3	18	67.7	1429	1226	5.599335	
5	2	5	74.5	1862		6.875552	
6	3	8	58.3	1662	1653	7.67596	
7	2	8	67.8	1832		8.854151	
8	2	8	81.1	1635		10.600945	
9	2	6	91.4	1090		11.017253	

Bin5 Statistics 2

CF=5270MHz

Trial #	Pulse	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	90.8			0.276354	1
1	2	11	87.9	1526		1.355128	
2	2	18	71.2	1019		2.61036	
3	2	18	61	1834		4.475027	
4	1	17	53.5			5.244445	
5	2	15	87.3	1646		6.337494	
6	1	17	64.9			7.824961	
7	2	13	57	1222		8.963194	
8	2	10	84.2	1602		9.625443	
9	2	13	71.8	1930		11.593075	

Bin5 Statistics 3

CF=5282MHz

Trial #	Pulse	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	89.4	1967		0.510935	1
1	1	20	91.7			1.078769	
2	2	19	51.6	1809		2.147545	
3	2	10	62.9	1982		3.297271	
4	1	18	68.2			3.752035	
5	3	18	55.5	1123	1519	5.397541	
6	3	15	84.7	1892	1816	6.066582	
7	2	16	50.5	1419		6.846288	
8	2	9	55.6	1176		7.559277	
9	2	11	72.4	1891		9.144855	
10	2	15	77.6	1728		9.885932	
11	1	6	77.1			10.248089	
12	3	9	88.6	1345	1007	11.985158	

Bin5 Statistics 4

CF=5250MHz

Trial #	Pulse	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	58.2			0.259559	1
1	2	7	55.6	1838		1.264482	
2	1	17	95			1.701038	
3	3	8	90	1871	1145	2.562278	
4	2	7	57.8	1205		3.260811	
5	1	13	73.2			4.234716	
6	2	9	84.2	1435		5.034761	
7	3	19	97.5	1543	1720	5.477302	
8	1	19	95.4			6.695157	
9	3	12	84.4	1468	1850	7.037049	
10	2	17	60.8	1029		7.834365	
11	3	15	68.8	1659	1327	8.87122	
12	1	14	92.1			9.001459	
13	2	10	67.4	1242		10.449579	
14	1	20	70.8			10.922312	
15	3	12	79.5	1908	1309	11.45011	

Bin5 Statistics 5

CF=5282MHz

Trial #	Pulse	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	55.3			0.456677	1
1	1	14	57.6			0.645192	
2	1	16	82.3			1.436924	
3	1	19	51.9			2.329985	
4	3	17	52.4	1736	1934	2.762066	
5	3	13	95.4	1556	1209	3.367365	
6	2	16	93.7	1556		3.791038	
7	2	10	88.7	1534		4.628317	
8	3	12	88.6	1858	1367	5.331335	
9	3	15	67.9	1117	1073	5.955363	
10	3	10	79.6	1028	1795	6.546537	
11	2	8	62.8	1767		7.179604	
12	2	8	99.8	1345		7.215491	
13	2	5	97.8	1992		8.221447	
14	1	19	59.9			8.673113	
15	2	6	90.7	1273		9.484248	
16	2	18	86.3	1884		10.037071	
17	2	11	68.4	1693		10.200237	
18	2	13	60.2	1100		11.12642	
19	3	12	69.9	1066	1782	11.66166	

Bin5 Statistics 6

CF=5258MHz

Trial #	Pulse	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	93.1			0.371022	1
1	1	20	90.3			1.223596	
2	2	11	51.3	1691		3.234231	
3	3	14	63.6	1140	1498	3.774467	
4	2	8	94.6	1418		5.70687	
5	3	14	52.5	1600	1167	6.145131	
6	2	14	67.1	1630		8.106509	
7	2	19	69.3	1103		8.773558	
8	2	17	98.2	1208		10.520799	
9	2	19	88.2	1191		11.41645	

Bin5 Statistics 7

CF=5262MHz

Trial #	Pulse	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	70.3			0.659333	1
1	2	12	60.8	1738		0.831227	
2	1	6	93.4			1.878371	
3	2	13	54	1340		2.63982	
4	2	18	72.6	1541		3.531301	
5	2	6	51.1	1209		4.001256	
6	1	14	90.6			5.295925	
7	3	9	88.1	1666	1035	5.863857	
8	3	10	69.7	1105	1869	6.706242	
9	2	6	66.2	1561		7.972489	
10	3	8	65.7	1046	1823	8.098767	
11	2	14	97.9	1394		9.411606	
12	1	15	91.3			9.629468	
13	3	16	58.6	1650	1993	10.976816	
14	3	19	82	1810	1290	11.745972	

Bin5 Statistics 8

CF=5274MHz

Trial #	Pulse	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	78.2	1186		0.625396	1
1	2	8	76.2	1868		1.016731	
2	2	11	67.5	1705		1.288156	
3	2	8	58.2	1790		2.297343	
4	2	16	97.4	1955		3.094846	
5	2	18	69.5	1611		3.475325	
6	3	17	67.6	1385	1646	3.921472	
7	3	10	79.6	1228	1797	4.634778	
8	3	6	80.2	1326	1140	5.151781	
9	2	14	50.1	1168		5.935358	
10	1	13	89.8			6.523138	
11	2	12	74.4	1131		7.055009	
12	2	9	91.7	1764		7.714233	
13	1	17	72.5			8.266002	
14	2	16	74.5	1738		8.944538	
15	2	9	96.5	1678		9.776339	
16	1	12	79.7			10.518014	
17	2	10	65.5	1880		11.289771	
18	3	20	80.4	1062	1244	11.464793	

Bin5 Statistics 9

CF=5266MHz

Trial #	Pulse	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	78.8	1892	1343	1.049559	1
1	3	13	58.1	1914	1635	1.56803	
2	2	19	53.7	1438		2.427642	
3	3	6	71.3	1663	1604	3.871711	
4	1	6	86.6			5.499329	
5	2	17	77.5	1791		6.324913	
6	2	9	88	1516		7.712325	
7	2	16	99.3	1797		8.629224	
8	2	17	79.8	1391		9.768253	
9	2	16	65.2	1282		11.702151	

Bin5 Statistics 10

CF=5264MHz

Trial #	Pulse	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	76.8	1659	1420	0.141375	1
1	2	19	86.9	1642		0.935621	
2	2	7	61.5	1212		1.24813	
3	2	10	78.7	1692		1.859858	
4	3	17	55.3	1227	1884	2.553791	
5	2	6	53.2	1950		3.540685	
6	1	8	78.3			3.833878	
7	1	8	93.4			4.437155	
8	1	16	66.9			4.879637	
9	1	11	92.3			5.487678	
10	2	19	75	1643		6.482854	
11	2	12	71.6	1629		6.856813	
12	1	9	62.4			7.600536	
13	1	16	96.2			8.135156	
14	3	18	51.4	1324	1612	8.648296	
15	3	14	66.4	1192	1465	9.426577	
16	2	10	94.3	1639		10.10885	
17	1	12	87.9			10.768297	
18	2	15	69.5	1512		10.992847	
19	2	14	82.1	1583		11.857268	

Bin5 Statistics 11

CF=5272MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	50.3	1115	1538	0.430473	1
1	1	19	64.4			1.039122	
2	3	17	63	1506	1801	1.852553	
3	1	10	82.3			2.476668	
4	1	18	67.6			3.202559	
5	3	14	54.2	1136	1569	4.469966	
6	3	16	71	1246	1976	5.144834	
7	3	20	82.7	1263	1822	5.423262	
8	1	7	53.7			6.585735	
9	1	13	58.9			7.350028	
10	2	20	85.8	1662		7.818874	
11	3	20	85.8	1378	1080	8.666156	
12	2	13	96.1	1844		9.416651	
13	2	14	85.4	1403		9.974674	
14	3	11	74.5	1178	1693	10.986142	
15	2	5	60.6	1989		11.662659	

Bin5 Statistics 12

CF=5260MHz

Trial #	Pulse	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	86.3	1585		0.428793	1
1	2	10	72	1369		1.281604	
2	3	13	85.8	1591	1906	2.700715	
3	2	20	62.6	1658		4.186807	
4	2	10	83.4	1627		5.929881	
5	3	15	98.3	1944	1498	6.492082	
6	3	16	92	1549	1812	7.910379	
7	3	10	77.6	1203	1329	8.789375	
8	3	19	85.3	1154	1682	10.173413	
9	2	7	56.6	1074		11.695333	

Bin5 Statistics 13

CF=5251MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	68	1188	1104	1.24303	1
1	2	11	94.6	1480		2.250683	
2	1	13	96.9			3.842756	
3	1	16	55.4			5.015955	
4	1	8	89.2			6.214773	
5	2	14	78.9	1261		7.362699	
6	1	20	66.6			8.962125	
7	2	10	78.2	1329		9.89706	
8	3	17	97.9	1049	1067	11.763641	

Bin5 Statistics 14

CF=5270MHz

Trial #	Pulse	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	73.5	1619		1.140475	1
1	3	13	68	1781	1468	1.348035	
2	1	18	96.5			3.594075	
3	2	17	75.8	1990		3.759374	
4	2	6	50	1054		5.586983	
5	2	18	99	1492		6.038936	
6	2	11	93.8	1650		7.861933	
7	3	6	62.1	1279	1581	9.001119	
8	1	9	98.7			10.468009	
9	2	18	89.5	1894		11.402943	

Bin5 Statistics 15

CF=5279MHz

Trial #	Pulse	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	85	1888	1851	0.047725	
1	2	9	83.6	1103		0.975501	
2	2	19	51.2	1530		2.008263	
3	2	12	83.1	1428		3.17478	
4	2	7	88.5	1043		3.726192	
5	1	6	54.8			5.173263	
6	1	13	97			5.636884	1
7	2	16	71.9	1205		7.095613	
8	2	13	91.5	1665		8.012403	
9	1	5	57.8			8.935288	
10	2	14	50.5	1808		9.851879	
11	2	15	55	1469		10.931827	
12	2	17	61.6	1106		11.384523	

Bin5 Statistics 16

CF=5274MHz

Trial #	Pulse	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	84.2	1840		0.274441	
1	2	7	74	1028		0.884679	
2	2	11	68.6	1531		1.877234	
3	2	15	62.1	1229		3.02422	
4	2	7	91.3	1096		3.251565	
5	2	7	54.2	1050		4.629703	
6	2	13	66.5	1375		4.806855	
7	3	14	83.9	1026	1208	5.740001	1
8	3	16	72.9	1498	1914	6.631045	
9	2	10	68.6	1532		7.349641	
10	2	9	72.8	1568		8.727995	
11	3	19	91.6	1834	1915	9.375318	
12	1	9	71.3			10.320882	
13	2	6	57.7	1943		10.600222	
14	2	11	62.6	1469		11.628772	

Bin5 Statistics 17

CF=5271MHz

Trial #	Pulse	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	97	1975	1628	0.053292	
1	1	17	79.1			0.984923	
2	2	9	67.4	1410		1.678544	
3	2	16	88.7	1314		2.139434	
4	3	17	82.9	1620	1825	2.812592	
5	1	19	96.2			3.428304	
6	3	12	65.8	1183	1613	4.33204	
7	2	18	74.3	1709		4.918716	
8	2	14	75	1452		5.53099	
9	2	9	95.3	1798		5.958083	1
10	3	13	91.3	1572	1111	6.612234	
11	2	14	92.2	1033		7.15974	
12	3	5	85.1	1473	1705	7.814884	
13	2	17	91.8	1810		8.265305	
14	3	11	86.9	1301	1260	9.162977	
15	2	17	84.5	1348		9.755482	
16	2	18	90.8	1317		10.521051	
17	2	20	52.8	1290		11.185328	
18	3	10	85.3	1163	1540	11.977341	

Bin5 Statistics 18

CF=5282MHz

Trial #	Pulse	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	55.8	1953		0.374876	1
1	3	13	90.9	1012	1896	0.758764	
2	3	7	81.7	1285	1569	1.808243	
3	1	17	83.2			2.050593	
4	2	10	71.3	1738		3.251272	
5	2	20	90	1317		3.569588	
6	2	11	62.9	1169		4.482133	
7	2	17	68.3	1371		4.724354	
8	3	14	76.6	1726	1632	5.762883	
9	2	13	65.3	1923		6.572241	
10	1	6	74.4			7.135019	
11	3	5	75	1875	1909	7.619059	
12	2	9	77.7	1893		8.650055	
13	1	16	81.3			9.224504	
14	2	17	75.3	1584		9.391665	
15	1	7	79.9			10.498187	
16	2	17	71.9	1236		11.229852	
17	1	12	70.2			11.941833	

Bin5 Statistics 19

CF=5277MHz

Trial #	Pulse	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	94.4	1320		0.116079	
1	1	10	69.7			1.172256	
2	1	11	97.6			1.559765	
3	1	9	51.1			2.314908	
4	2	10	95.7	1088		3.192029	
5	1	10	52			3.993885	
6	2	19	68.9	1218		4.735504	
7	2	9	62.2	1012		5.537708	
8	1	14	65.9			6.197987	1
9	1	16	60.5			6.753204	
10	2	19	78.1	1048		7.535477	
11	2	10	97.4	1973		7.782538	
12	1	6	81.1			8.951872	
13	1	20	84.1			9.464894	
14	2	18	99.2	1206		10.024362	
15	2	12	55.3	1317		11.058792	
16	1	15	58.8			11.411196	

Bin5 Statistics 20

CF=5268MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	66.8	1589		0.74934	
1	3	5	82.6	1647	1491	1.773077	
2	2	6	76.3	1270		2.691535	
3	2	6	58.5	1541		3.679707	
4	1	19	87.2			4.049059	
5	2	20	74.4	1128		5.253691	
6	1	11	56.2			6.133629	1
7	3	9	77.5	1504	1933	7.023808	
8	2	11	52.1	1865		8.223797	
9	2	15	55	1714		9.015242	
10	2	12	95.5	1006		9.462852	
11	1	13	52.1			10.205921	
12	2	19	72.3	1784		11.437781	

Bin5 Statistics 21

CF=5273MHz

Trial #	Pulse	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	60.9	1931		0.102707	1
1	2	18	73.1	1050		0.777579	
2	1	16	73.8			1.971144	
3	2	15	93.8	1392		2.308375	
4	2	11	72.5	1189		3.242371	
5	2	16	74.8	1198		3.927339	
6	3	6	87.1	1705	1214	4.371435	
7	2	16	64.9	1190		5.109917	
8	3	5	59.3	1901	1320	5.519186	
9	2	11	61.5	1848		6.495396	
10	3	15	61	1858	1970	6.982736	
11	2	10	92	1599		7.784562	
12	3	7	60.2	1308	1762	8.231694	
13	2	17	78.7	1622		9.052768	
14	1	16	50.6			9.640357	
15	1	10	77.7			10.563706	
16	2	14	73.3	1774		11.322369	
17	1	17	79.7			11.736521	

Bin5 Statistics 22

CF=5278MHz

Trial #	Pulse	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	65.4	1482		0.60305	1
1	2	7	68.7	1446		1.294168	
2	2	18	89.2	1394		2.720184	
3	1	17	86.9			3.82489	
4	1	17	86.6			5.217281	
5	1	11	91.8			5.682592	
6	2	15	95.8	1984		7.438873	
7	2	11	65.7	1168		8.141497	
8	1	11	91.5			9.177831	
9	3	19	85.7	1267	1210	9.855083	
10	3	12	56.8	1637	1061	11.821218	

Bin5 Statistics 23

CF=5281MHz

Trial #	Pulse	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	92.8			0.366371	1
1	3	9	99.3	1648	1753	1.316768	
2	2	6	98	1890		2.098403	
3	2	6	75.2	1789		2.41791	
4	2	8	88.6	1200		3.690938	
5	2	13	63.8	1818		4.010889	
6	2	18	75.9	1069		5.04016	
7	2	8	61.7	1188		5.774466	
8	3	9	52.9	1062	1179	6.072353	
9	1	8	84.1			6.80099	
10	3	17	86.8	1941	1612	7.535259	
11	1	8	79.2			8.981535	
12	2	13	67.1	1894		9.191085	
13	2	11	58.7	1059		10.383935	
14	1	6	97.7			10.638501	
15	2	15	63.6	1151		11.433462	

Bin5 Statistics 24

CF=5262MHz

Trial #	Pulse	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	53.7			0.256672	1
1	2	18	65.8	1827		0.932922	
2	1	6	75.7			1.368337	
3	1	6	65.5			2.305084	
4	3	6	81.6	1066	1681	2.744896	
5	1	20	60.7			3.324594	
6	2	13	95.7	1268		4.090852	
7	2	13	52.4	1483		4.692816	
8	2	5	54.8	1130		5.099843	
9	2	16	59	1385		5.412422	
10	2	7	50.3	1914		6.385997	
11	2	10	76	1525		7.022847	
12	2	17	65.3	1602		7.56147	
13	2	10	74.2	1020		7.888479	
14	2	17	92.7	1745		8.795399	
15	2	16	65.2	1878		9.524902	
16	2	13	51.6	1001		10.081551	
17	3	20	94.6	1113	1805	10.423622	
18	2	6	87	1693		11.341586	
19	3	9	80.3	1528	1788	11.962111	

Bin5 Statistics 25

CF=5253MHz

Trial #	Pulse	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	97.8			0.116283	
1	3	18	60.6	1647	1145	1.265601	
2	2	19	80.8	1459		1.668627	
3	2	11	99.7	1868		2.373473	
4	2	14	77.1	1497		2.868939	
5	3	8	78.7	1458	1683	3.389636	
6	2	7	90.7	1256		4.217876	
7	2	16	82.8	1072		5.184344	
8	2	12	92.5	1704		5.810171	
9	3	12	77.9	1256	1206	6.54907	1
10	1	19	59.5			6.758579	
11	3	7	56.1	1941	1631	7.573795	
12	2	15	76.9	1934		8.156175	
13	2	15	83	1087		8.906849	
14	2	5	87.8	1926		9.548968	
15	3	16	85.7	1423	1281	10.373309	
16	1	16	76.8			10.737692	
17	2	17	84	1437		11.924817	

Bin5 Statistics 26

CF=5264MHz

Trial #	Pulse	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	71.4			0.105588	1
1	1	8	76.6			0.838607	
2	1	13	99			1.978145	
3	3	18	66.2	1868	1870	2.636399	
4	3	18	77.3	1493	1535	3.003003	
5	3	19	94.3	1991	1269	3.811129	
6	2	19	73.8	1399		4.211031	
7	3	16	68.2	1695	1002	5.086775	
8	2	5	84.5	1639		5.910232	
9	2	18	62	1801		6.049165	
10	2	18	70.1	1451		7.039035	
11	2	11	99.5	1488		7.58738	
12	1	13	76.4			8.294308	
13	3	13	76.8	1019	1320	9.323046	
14	2	12	70.2	1911		9.6689	
15	2	7	96.8	1699		10.246822	
16	2	6	91.2	1737		10.854757	
17	2	15	76.9	1424		11.562495	

Bin5 Statistics 27

CF=5278MHz

Trial #	Pulse	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	88.7			0.136977	1
1	2	10	81.8	1689		1.495487	
2	2	7	88.7	1457		1.749811	
3	1	8	81.4			2.699581	
4	2	13	72.4	1681		3.474947	
5	3	14	69.1	1898	1744	4.171559	
6	2	18	96.9	1973		5.035614	
7	3	12	77.2	1369	1224	5.782775	
8	2	7	56.4	1489		6.725575	
9	2	17	71.8	1407		7.635876	
10	2	5	92.6	1681		8.438923	
11	3	9	51.1	1571	1806	9.334021	
12	2	17	65.3	1239		10.126791	
13	2	7	75	1775		10.466443	
14	2	7	83.5	1177		11.991225	

Bin5 Statistics 28

CF=5254MHz

Trial #	Pulse	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	62.1	1605	1994	0.070271	1
1	2	17	58.5	1973		1.206666	
2	2	12	64.1	1075		1.390393	
3	2	17	85.2	1204		2.56089	
4	1	13	67.4			2.795349	
5	2	15	67.3	1453		3.682221	
6	3	11	91.8	1690	1854	4.625502	
7	2	13	75.7	1944		4.751347	
8	3	17	52.6	1026	1903	5.450868	
9	2	8	83.1	1760		6.109885	
10	2	6	71.3	1895		7.240252	
11	2	19	58.2	1132		7.85316	
12	1	10	55.8			8.453076	
13	1	9	62.4			9.243133	
14	1	17	54.1			9.513632	
15	3	7	79.5	1129	1764	10.504379	
16	3	16	55.1	1881	1705	11.200934	
17	2	9	93.9	1130		11.496029	

Bin5 Statistics 29

CF=5256MHz

Trial #	Pulse	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	1207		0.555295	1
1	2	10	53.9	1211		0.971661	
2	3	14	76.9	1390	1143	1.51063	
3	3	11	51.7	1018	1321	2.451065	
4	2	15	55.1	1921		2.683814	
5	2	18	72.5	1222		3.935716	
6	2	15	56.5	1951		4.074633	
7	2	14	90	1273		4.713941	
8	2	12	86.4	1613		5.872892	
9	3	10	79.1	1880	1966	6.593013	
10	3	14	85.9	1065	1844	6.94864	
11	1	15	81.2			7.72243	
12	3	14	52.4	1423	1482	8.214499	
13	1	16	91.2			9.280434	
14	2	19	97.8	1208		9.552019	
15	1	13	96.3			10.195132	
16	1	9	94.2			11.223477	
17	3	17	79.3	1879	1204	11.729732	

Bin5 Statistics 30

CF=5253MHz

Trial #	Pulse	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	72.7	1969		0.153028	
1	2	16	97.5	1971		1.215521	
2	3	10	82	1414	1461	1.420111	
3	1	18	92.7			2.200761	
4	1	14	75.2			3.508995	
5	2	15	74.2	1515		4.023988	
6	2	8	58.7	1788		4.580372	
7	2	13	95.9	1665		5.434136	
8	2	8	93.4	1838		5.822113	1
9	1	12	64.3			6.786567	
10	1	17	92.5			7.26343	
11	1	10	84.4			8.353857	
12	1	14	74.8			8.671944	
13	2	19	72.8	1461		9.176706	
14	3	14	68.2	1092	1266	10.320602	
15	2	6	98.1	1193		10.790171	
16	2	6	55	1532		11.576747	

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	5670.0, 5394.0, 5396.0, 5614.0, 5262.0, 5412.0, 5478.0, 5271.0, 5458.0, 5551.0, 5329.0, 5572.0, 5411.0, 5620.0, 5717.0, 5443.0, 5308.0, 5403.0, 5364.0, 5661.0, 5521.0, 5489.0, 5286.0, 5392.0, 5612.0, 5427.0, 5343.0, 5658.0, 5601.0, 5255.0, 5576.0, 5266.0, 5375.0, 5357.0, 5656.0, 5276.0, 5574.0, 5660.0, 5362.0, 5595.0, 5585.0, 5712.0, 5484.0, 5596.0, 5374.0, 5461.0, 5348.0, 5385.0, 5689.0, 5571.0, 5397.0, 5524.0, 5565.0, 5640.0, 5718.0, 5548.0, 5556.0, 5511.0, 5285.0, 5336.0, 5639.0, 5307.0, 5624.0, 5273.0, 5611.0, 5369.0, 5541.0, 5721.0, 5426.0, 5373.0, 5545.0, 5691.0, 5408.0, 5253.0, 5338.0, 5371.0, 5636.0, 5557.0, 5481.0, 5448.0, 5296.0, 5415.0, 5315.0, 5536.0, 5591.0, 5598.0, 5610.0, 5703.0, 5709.0, 5327.0, 5550.0, 5667.0, 5570.0, 5665.0, 5644.0, 5297.0, 5555.0, 5445.0, 5293.0, 5410.0 (number of hits: 9)
2	5270	9	1	333	1	5662.0, 5715.0, 5563.0, 5459.0, 5580.0, 5648.0, 5644.0, 5503.0, 5404.0, 5581.0, 5344.0, 5475.0, 5365.0, 5358.0, 5569.0, 5274.0, 5411.0, 5436.0, 5334.0, 5309.0, 5657.0, 5474.0, 5326.0, 5681.0, 5417.0, 5282.0, 5277.0, 5381.0, 5511.0, 5377.0, 5414.0, 5618.0, 5425.0, 5658.0, 5263.0, 5352.0, 5359.0, 5699.0, 5416.0, 5642.0, 5554.0, 5614.0, 5351.0, 5457.0, 5456.0, 5302.0, 5486.0, 5585.0, 5696.0, 5533.0, 5698.0, 5340.0, 5254.0, 5458.0, 5643.0, 5555.0, 5373.0, 5628.0, 5617.0, 5413.0, 5275.0, 5718.0, 5421.0, 5625.0, 5327.0, 5455.0, 5583.0, 5325.0, 5255.0, 5399.0, 5256.0, 5663.0, 5316.0, 5343.0, 5389.0, 5692.0, 5348.0, 5568.0, 5519.0, 5646.0, 5688.0, 5656.0, 5576.0, 5593.0, 5575.0, 5517.0, 5598.0, 5624.0, 5306.0, 5490.0, 5549.0, 5299.0, 5317.0, 5289.0, 5516.0, 5535.0, 5592.0, 5336.0, 5521.0, 5288.0 (number of hits: 10)
3	5270	9	1	333	1	5581.0, 5528.0, 5366.0, 5402.0, 5586.0, 5436.0, 5709.0, 5386.0, 5628.0, 5659.0, 5541.0, 5320.0, 5534.0, 5613.0, 5506.0, 5468.0, 5479.0, 5601.0, 5322.0, 5285.0, 5311.0, 5324.0, 5618.0, 5473.0, 5574.0, 5488.0, 5686.0, 5453.0, 5298.0, 5392.0, 5550.0, 5698.0, 5282.0, 5274.0, 5410.0, 5525.0, 5330.0, 5643.0, 5369.0, 5657.0, 5452.0, 5609.0, 5622.0, 5303.0, 5638.0,

						5347.0, 5537.0, 5459.0, 5428.0, 5409.0, 5597.0, 5719.0, 5654.0, 5564.0, 5252.0, 5439.0, 5472.0, 5639.0, 5718.0, 5595.0, 5491.0, 5256.0, 5630.0, 5467.0, 5548.0, 5716.0, 5460.0, 5394.0, 5389.0, 5562.0, 5447.0, 5292.0, 5687.0, 5707.0, 5585.0, 5318.0, 5433.0, 5652.0, 5395.0, 5313.0, 5521.0, 5567.0, 5312.0, 5254.0, 5300.0, 5494.0, 5444.0, 5529.0, 5610.0, 5387.0, 5496.0, 5527.0, 5391.0, 5399.0, 5530.0, 5419.0, 5624.0, 5578.0, 5406.0, 5592.0 (number of hits: 6)
4	5270	9	1	333	1	5497.0, 5349.0, 5456.0, 5431.0, 5560.0, 5722.0, 5688.0, 5619.0, 5625.0, 5558.0, 5634.0, 5671.0, 5252.0, 5574.0, 5294.0, 5416.0, 5372.0, 5476.0, 5616.0, 5539.0, 5698.0, 5585.0, 5690.0, 5685.0, 5521.0, 5565.0, 5380.0, 5465.0, 5341.0, 5298.0, 5525.0, 5379.0, 5598.0, 5524.0, 5664.0, 5500.0, 5549.0, 5621.0, 5410.0, 5706.0, 5401.0, 5513.0, 5336.0, 5473.0, 5437.0, 5277.0, 5504.0, 5280.0, 5279.0, 5399.0, 5516.0, 5375.0, 5663.0, 5715.0, 5319.0, 5644.0, 5335.0, 5541.0, 5617.0, 5490.0, 5326.0, 5321.0, 5415.0, 5666.0, 5282.0, 5438.0, 5342.0, 5400.0, 5386.0, 5269.0, 5281.0, 5569.0, 5296.0, 5601.0, 5358.0, 5485.0, 5555.0, 5297.0, 5650.0, 5511.0, 5260.0, 5324.0, 5395.0, 5498.0, 5593.0, 5264.0, 5591.0, 5359.0, 5383.0, 5645.0, 5464.0, 5631.0, 5557.0, 5502.0, 5333.0, 5422.0, 5307.0, 5607.0, 5696.0, 5369.0 (number of hits: 9)
5	5270	9	1	333	1	5508.0, 5331.0, 5420.0, 5661.0, 5307.0, 5613.0, 5586.0, 5556.0, 5624.0, 5541.0, 5301.0, 5688.0, 5431.0, 5671.0, 5686.0, 5507.0, 5294.0, 5614.0, 5598.0, 5663.0, 5353.0, 5438.0, 5367.0, 5398.0, 5597.0, 5351.0, 5437.0, 5714.0, 5352.0, 5456.0, 5347.0, 5673.0, 5453.0, 5474.0, 5595.0, 5298.0, 5368.0, 5255.0, 5639.0, 5509.0, 5555.0, 5607.0, 5280.0, 5258.0, 5641.0, 5251.0, 5369.0, 5354.0, 5667.0, 5647.0, 5719.0, 5723.0, 5707.0, 5713.0, 5524.0, 5610.0, 5343.0, 5494.0, 5544.0, 5324.0, 5638.0, 5415.0, 5464.0, 5342.0, 5545.0, 5422.0, 5643.0, 5387.0, 5645.0, 5412.0, 5493.0, 5460.0, 5454.0, 5356.0, 5318.0, 5539.0, 5357.0, 5340.0, 5472.0, 5600.0, 5612.0, 5685.0, 5466.0, 5504.0, 5462.0, 5655.0, 5359.0, 5510.0, 5616.0, 5573.0, 5390.0, 5383.0, 5452.0, 5421.0, 5403.0, 5604.0, 5718.0, 5400.0, 5535.0, 5543.0 (number of hits: 4)
6	5270	9	1	333	1	5395.0, 5719.0, 5528.0, 5387.0, 5254.0, 5540.0, 5413.0, 5364.0, 5717.0, 5503.0, 5498.0, 5478.0, 5331.0, 5634.0, 5554.0,

						5266.0, 5389.0, 5268.0, 5515.0, 5681.0, 5363.0, 5347.0, 5585.0, 5568.0, 5466.0, 5411.0, 5483.0, 5371.0, 5378.0, 5541.0, 5457.0, 5278.0, 5307.0, 5298.0, 5416.0, 5695.0, 5334.0, 5421.0, 5445.0, 5333.0, 5310.0, 5524.0, 5590.0, 5318.0, 5437.0, 5425.0, 5635.0, 5440.0, 5514.0, 5273.0, 5423.0, 5575.0, 5352.0, 5398.0, 5292.0, 5586.0, 5640.0, 5274.0, 5412.0, 5523.0, 5610.0, 5566.0, 5655.0, 5668.0, 5481.0, 5482.0, 5534.0, 5332.0, 5367.0, 5487.0, 5451.0, 5716.0, 5564.0, 5330.0, 5455.0, 5335.0, 5435.0, 5484.0, 5463.0, 5546.0, 5653.0, 5517.0, 5705.0, 5419.0, 5276.0, 5361.0, 5701.0, 5295.0, 5543.0, 5651.0, 5576.0, 5262.0, 5444.0, 5319.0, 5400.0, 5636.0, 5665.0, 5547.0, 5715.0, 5251.0 (number of hits: 9)
7	5270	9	1	333	1	5476.0, 5374.0, 5629.0, 5257.0, 5631.0, 5396.0, 5486.0, 5541.0, 5315.0, 5469.0, 5677.0, 5536.0, 5296.0, 5359.0, 5361.0, 5330.0, 5560.0, 5384.0, 5351.0, 5405.0, 5691.0, 5312.0, 5601.0, 5588.0, 5443.0, 5434.0, 5371.0, 5449.0, 5251.0, 5483.0, 5464.0, 5695.0, 5630.0, 5348.0, 5352.0, 5535.0, 5254.0, 5603.0, 5389.0, 5475.0, 5416.0, 5310.0, 5506.0, 5521.0, 5619.0, 5626.0, 5452.0, 5524.0, 5632.0, 5575.0, 5539.0, 5704.0, 5332.0, 5282.0, 5270.0, 5391.0, 5335.0, 5568.0, 5594.0, 5318.0, 5267.0, 5269.0, 5438.0, 5387.0, 5474.0, 5329.0, 5261.0, 5403.0, 5253.0, 5578.0, 5336.0, 5687.0, 5292.0, 5281.0, 5703.0, 5633.0, 5716.0, 5319.0, 5488.0, 5299.0, 5484.0, 5294.0, 5278.0, 5288.0, 5473.0, 5696.0, 5285.0, 5289.0, 5410.0, 5550.0, 5711.0, 5527.0, 5413.0, 5591.0, 5617.0, 5592.0, 5551.0, 5373.0, 5698.0, 5597.0 (number of hits: 14)
8	5270	9	1	333	1	5526.0, 5425.0, 5271.0, 5337.0, 5328.0, 5415.0, 5647.0, 5506.0, 5309.0, 5315.0, 5269.0, 5283.0, 5717.0, 5378.0, 5356.0, 5680.0, 5596.0, 5389.0, 5426.0, 5498.0, 5467.0, 5478.0, 5352.0, 5612.0, 5503.0, 5519.0, 5372.0, 5633.0, 5464.0, 5274.0, 5253.0, 5355.0, 5682.0, 5350.0, 5650.0, 5655.0, 5679.0, 5697.0, 5408.0, 5434.0, 5394.0, 5635.0, 5565.0, 5545.0, 5471.0, 5554.0, 5704.0, 5722.0, 5303.0, 5435.0, 5558.0, 5300.0, 5450.0, 5710.0, 5452.0, 5593.0, 5281.0, 5544.0, 5708.0, 5683.0, 5339.0, 5509.0, 5688.0, 5712.0, 5603.0, 5492.0, 5700.0, 5600.0, 5611.0, 5537.0, 5393.0, 5308.0, 5451.0, 5346.0, 5614.0, 5386.0, 5666.0, 5307.0, 5463.0, 5453.0, 5358.0, 5455.0, 5351.0, 5692.0, 5567.0, 5423.0, 5462.0, 5536.0, 5615.0, 5687.0,

						5720.0, 5374.0, 5592.0, 5628.0, 5419.0, 5512.0, 5490.0, 5314.0, 5711.0, 5616.0 (number of hits: 6)
9	5270	9	1	333	1	5692.0, 5522.0, 5685.0, 5331.0, 5419.0, 5371.0, 5461.0, 5469.0, 5501.0, 5629.0, 5574.0, 5463.0, 5405.0, 5498.0, 5489.0, 5620.0, 5445.0, 5612.0, 5693.0, 5656.0, 5295.0, 5256.0, 5701.0, 5584.0, 5464.0, 5591.0, 5610.0, 5690.0, 5353.0, 5382.0, 5702.0, 5696.0, 5302.0, 5349.0, 5632.0, 5275.0, 5479.0, 5510.0, 5280.0, 5255.0, 5631.0, 5441.0, 5421.0, 5313.0, 5379.0, 5607.0, 5634.0, 5537.0, 5659.0, 5338.0, 5559.0, 5698.0, 5716.0, 5457.0, 5424.0, 5614.0, 5386.0, 5443.0, 5572.0, 5460.0, 5438.0, 5602.0, 5502.0, 5627.0, 5336.0, 5500.0, 5653.0, 5305.0, 5395.0, 5604.0, 5368.0, 5717.0, 5543.0, 5254.0, 5508.0, 5411.0, 5666.0, 5558.0, 5633.0, 5504.0, 5561.0, 5356.0, 5465.0, 5686.0, 5307.0, 5417.0, 5339.0, 5565.0, 5490.0, 5713.0, 5351.0, 5430.0, 5304.0, 5288.0, 5503.0, 5700.0, 5494.0, 5384.0, 5381.0, 5519.0 (number of hits: 6)
10	5270	9	1	333	1	5575.0, 5284.0, 5710.0, 5282.0, 5609.0, 5632.0, 5652.0, 5442.0, 5309.0, 5543.0, 5666.0, 5369.0, 5513.0, 5631.0, 5355.0, 5338.0, 5693.0, 5252.0, 5692.0, 5462.0, 5448.0, 5674.0, 5696.0, 5709.0, 5592.0, 5294.0, 5449.0, 5272.0, 5370.0, 5382.0, 5509.0, 5625.0, 5327.0, 5266.0, 5479.0, 5620.0, 5493.0, 5501.0, 5265.0, 5586.0, 5567.0, 5476.0, 5658.0, 5584.0, 5546.0, 5533.0, 5576.0, 5385.0, 5285.0, 5320.0, 5529.0, 5557.0, 5715.0, 5261.0, 5422.0, 5608.0, 5627.0, 5441.0, 5431.0, 5251.0, 5401.0, 5555.0, 5444.0, 5262.0, 5531.0, 5290.0, 5435.0, 5550.0, 5447.0, 5347.0, 5572.0, 5617.0, 5293.0, 5578.0, 5530.0, 5604.0, 5445.0, 5512.0, 5400.0, 5409.0, 5503.0, 5552.0, 5711.0, 5591.0, 5346.0, 5671.0, 5677.0, 5523.0, 5325.0, 5541.0, 5283.0, 5421.0, 5274.0, 5443.0, 5639.0, 5375.0, 5695.0, 5607.0, 5619.0, 5267.0 (number of hits: 13)
11	5270	9	1	333	1	5563.0, 5498.0, 5340.0, 5361.0, 5375.0, 5313.0, 5392.0, 5488.0, 5322.0, 5315.0, 5450.0, 5434.0, 5583.0, 5537.0, 5429.0, 5712.0, 5290.0, 5709.0, 5640.0, 5573.0, 5611.0, 5606.0, 5622.0, 5507.0, 5393.0, 5431.0, 5334.0, 5326.0, 5368.0, 5325.0, 5283.0, 5591.0, 5509.0, 5497.0, 5344.0, 5472.0, 5484.0, 5371.0, 5637.0, 5381.0, 5411.0, 5607.0, 5475.0, 5471.0, 5437.0, 5402.0, 5254.0, 5455.0, 5684.0, 5360.0, 5468.0, 5544.0, 5329.0, 5719.0, 5523.0, 5514.0, 5535.0, 5376.0, 5440.0, 5266.0,

						5683.0, 5483.0, 5653.0, 5428.0, 5505.0, 5386.0, 5413.0, 5250.0, 5463.0, 5562.0, 5564.0, 5259.0, 5310.0, 5278.0, 5647.0, 5327.0, 5478.0, 5663.0, 5536.0, 5486.0, 5664.0, 5534.0, 5500.0, 5297.0, 5474.0, 5307.0, 5293.0, 5550.0, 5590.0, 5359.0, 5466.0, 5387.0, 5713.0, 5515.0, 5432.0, 5686.0, 5559.0, 5680.0, 5516.0, 5287.0 (number of hits: 7)
12	5270	9	1	333	1	5473.0, 5468.0, 5673.0, 5330.0, 5511.0, 5502.0, 5451.0, 5359.0, 5374.0, 5367.0, 5471.0, 5418.0, 5320.0, 5436.0, 5628.0, 5347.0, 5346.0, 5409.0, 5480.0, 5604.0, 5306.0, 5309.0, 5677.0, 5489.0, 5605.0, 5595.0, 5531.0, 5572.0, 5329.0, 5349.0, 5698.0, 5541.0, 5372.0, 5690.0, 5371.0, 5277.0, 5561.0, 5370.0, 5653.0, 5288.0, 5714.0, 5392.0, 5338.0, 5325.0, 5362.0, 5654.0, 5251.0, 5472.0, 5281.0, 5385.0, 5465.0, 5492.0, 5485.0, 5276.0, 5448.0, 5551.0, 5588.0, 5520.0, 5575.0, 5594.0, 5603.0, 5555.0, 5694.0, 5351.0, 5522.0, 5486.0, 5405.0, 5703.0, 5664.0, 5599.0, 5526.0, 5672.0, 5602.0, 5379.0, 5619.0, 5310.0, 5618.0, 5527.0, 5648.0, 5606.0, 5569.0, 5316.0, 5682.0, 5571.0, 5426.0, 5711.0, 5369.0, 5552.0, 5474.0, 5659.0, 5669.0, 5270.0, 5413.0, 5315.0, 5583.0, 5519.0, 5635.0, 5528.0, 5643.0, 5590.0 (number of hits: 6)
13	5270	9	1	333	1	5323.0, 5692.0, 5712.0, 5445.0, 5324.0, 5278.0, 5490.0, 5358.0, 5430.0, 5587.0, 5449.0, 5275.0, 5647.0, 5643.0, 5691.0, 5474.0, 5583.0, 5514.0, 5576.0, 5477.0, 5339.0, 5512.0, 5287.0, 5336.0, 5297.0, 5580.0, 5616.0, 5601.0, 5508.0, 5424.0, 5409.0, 5665.0, 5369.0, 5419.0, 5678.0, 5479.0, 5644.0, 5456.0, 5350.0, 5595.0, 5385.0, 5596.0, 5313.0, 5626.0, 5348.0, 5341.0, 5571.0, 5491.0, 5390.0, 5507.0, 5317.0, 5566.0, 5522.0, 5303.0, 5423.0, 5635.0, 5621.0, 5562.0, 5672.0, 5694.0, 5710.0, 5437.0, 5687.0, 5290.0, 5532.0, 5312.0, 5564.0, 5288.0, 5685.0, 5461.0, 5460.0, 5455.0, 5489.0, 5538.0, 5481.0, 5438.0, 5316.0, 5688.0, 5622.0, 5716.0, 5305.0, 5636.0, 5518.0, 5530.0, 5321.0, 5525.0, 5471.0, 5510.0, 5470.0, 5524.0, 5382.0, 5541.0, 5386.0, 5699.0, 5403.0, 5463.0, 5617.0, 5624.0, 5355.0, 5381.0 (number of hits: 4)
14	5270	9	1	333	1	5386.0, 5706.0, 5555.0, 5359.0, 5290.0, 5384.0, 5349.0, 5696.0, 5323.0, 5605.0, 5418.0, 5514.0, 5292.0, 5382.0, 5373.0, 5613.0, 5615.0, 5638.0, 5483.0, 5287.0, 5328.0, 5348.0, 5282.0, 5456.0, 5413.0, 5313.0, 5251.0, 5310.0, 5465.0, 5344.0,

						5695.0, 5626.0, 5334.0, 5396.0, 5383.0, 5557.0, 5574.0, 5686.0, 5474.0, 5303.0, 5484.0, 5644.0, 5443.0, 5588.0, 5430.0, 5322.0, 5261.0, 5331.0, 5324.0, 5426.0, 5459.0, 5576.0, 5507.0, 5356.0, 5498.0, 5661.0, 5371.0, 5617.0, 5421.0, 5553.0, 5444.0, 5500.0, 5438.0, 5518.0, 5362.0, 5614.0, 5631.0, 5412.0, 5364.0, 5606.0, 5560.0, 5275.0, 5372.0, 5368.0, 5508.0, 5527.0, 5335.0, 5506.0, 5567.0, 5461.0, 5558.0, 5464.0, 5685.0, 5722.0, 5519.0, 5281.0, 5403.0, 5288.0, 5537.0, 5425.0, 5317.0, 5339.0, 5573.0, 5423.0, 5591.0, 5468.0, 5575.0, 5543.0, 5285.0, 5521.0 (number of hits: 8)
15	5270	9	1	333	1	5592.0, 5499.0, 5339.0, 5598.0, 5566.0, 5431.0, 5579.0, 5257.0, 5574.0, 5617.0, 5374.0, 5654.0, 5560.0, 5623.0, 5564.0, 5512.0, 5591.0, 5253.0, 5491.0, 5259.0, 5508.0, 5440.0, 5694.0, 5696.0, 5457.0, 5472.0, 5681.0, 5310.0, 5444.0, 5336.0, 5390.0, 5376.0, 5545.0, 5517.0, 5340.0, 5690.0, 5337.0, 5687.0, 5418.0, 5615.0, 5343.0, 5252.0, 5678.0, 5289.0, 5279.0, 5483.0, 5514.0, 5669.0, 5673.0, 5283.0, 5366.0, 5546.0, 5357.0, 5387.0, 5552.0, 5335.0, 5559.0, 5467.0, 5522.0, 5288.0, 5447.0, 5530.0, 5600.0, 5628.0, 5683.0, 5668.0, 5370.0, 5551.0, 5363.0, 5518.0, 5584.0, 5608.0, 5554.0, 5652.0, 5719.0, 5324.0, 5675.0, 5449.0, 5395.0, 5612.0, 5501.0, 5385.0, 5515.0, 5443.0, 5412.0, 5365.0, 5626.0, 5533.0, 5441.0, 5426.0, 5714.0, 5650.0, 5610.0, 5333.0, 5341.0, 5303.0, 5369.0, 5445.0, 5475.0, 5482.0 (number of hits: 8)
16	5270	9	1	333	1	5538.0, 5552.0, 5261.0, 5614.0, 5545.0, 5659.0, 5542.0, 5481.0, 5257.0, 5362.0, 5648.0, 5534.0, 5536.0, 5715.0, 5303.0, 5457.0, 5540.0, 5513.0, 5664.0, 5645.0, 5300.0, 5676.0, 5372.0, 5282.0, 5408.0, 5436.0, 5620.0, 5392.0, 5418.0, 5268.0, 5501.0, 5441.0, 5626.0, 5283.0, 5459.0, 5312.0, 5285.0, 5627.0, 5680.0, 5420.0, 5616.0, 5523.0, 5714.0, 5497.0, 5360.0, 5535.0, 5634.0, 5347.0, 5440.0, 5587.0, 5506.0, 5456.0, 5299.0, 5602.0, 5562.0, 5672.0, 5607.0, 5618.0, 5707.0, 5277.0, 5322.0, 5406.0, 5253.0, 5640.0, 5472.0, 5658.0, 5458.0, 5419.0, 5702.0, 5326.0, 5297.0, 5586.0, 5378.0, 5560.0, 5391.0, 5403.0, 5341.0, 5532.0, 5611.0, 5379.0, 5498.0, 5367.0, 5395.0, 5431.0, 5269.0, 5463.0, 5368.0, 5561.0, 5493.0, 5555.0, 5366.0, 5597.0, 5554.0, 5435.0, 5635.0, 5583.0, 5724.0, 5722.0, 5604.0, 5423.0 (number of hits: 9)

17	5270	9	1	333	1	5584.0, 5338.0, 5613.0, 5527.0, 5640.0, 5359.0, 5411.0, 5446.0, 5475.0, 5627.0, 5699.0, 5387.0, 5514.0, 5465.0, 5464.0, 5459.0, 5363.0, 5388.0, 5458.0, 5473.0, 5679.0, 5479.0, 5482.0, 5318.0, 5654.0, 5499.0, 5466.0, 5641.0, 5425.0, 5496.0, 5481.0, 5312.0, 5579.0, 5645.0, 5515.0, 5438.0, 5491.0, 5695.0, 5330.0, 5265.0, 5591.0, 5587.0, 5257.0, 5403.0, 5686.0, 5355.0, 5539.0, 5433.0, 5623.0, 5541.0, 5660.0, 5544.0, 5596.0, 5366.0, 5556.0, 5525.0, 5316.0, 5417.0, 5644.0, 5280.0, 5315.0, 5296.0, 5629.0, 5661.0, 5486.0, 5328.0, 5589.0, 5452.0, 5273.0, 5402.0, 5365.0, 5341.0, 5426.0, 5690.0, 5566.0, 5692.0, 5517.0, 5395.0, 5298.0, 5484.0, 5276.0, 5504.0, 5414.0, 5700.0, 5615.0, 5443.0, 5294.0, 5606.0, 5391.0, 5325.0, 5652.0, 5709.0, 5290.0, 5529.0, 5673.0, 5375.0, 5705.0, 5659.0, 5511.0, 5449.0 (number of hits: 5)
18	5270	9	1	333	1	5318.0, 5613.0, 5407.0, 5544.0, 5367.0, 5652.0, 5625.0, 5473.0, 5543.0, 5564.0, 5260.0, 5274.0, 5431.0, 5292.0, 5372.0, 5261.0, 5393.0, 5649.0, 5434.0, 5511.0, 5293.0, 5587.0, 5669.0, 5288.0, 5383.0, 5340.0, 5549.0, 5531.0, 5308.0, 5345.0, 5490.0, 5661.0, 5684.0, 5314.0, 5296.0, 5520.0, 5311.0, 5665.0, 5297.0, 5406.0, 5664.0, 5693.0, 5658.0, 5394.0, 5294.0, 5702.0, 5595.0, 5506.0, 5468.0, 5668.0, 5590.0, 5568.0, 5402.0, 5686.0, 5467.0, 5655.0, 5252.0, 5546.0, 5330.0, 5673.0, 5505.0, 5629.0, 5444.0, 5643.0, 5484.0, 5381.0, 5357.0, 5616.0, 5486.0, 5379.0, 5336.0, 5718.0, 5426.0, 5433.0, 5485.0, 5663.0, 5368.0, 5273.0, 5298.0, 5692.0, 5500.0, 5323.0, 5384.0, 5579.0, 5445.0, 5519.0, 5615.0, 5518.0, 5582.0, 5606.0, 5476.0, 5541.0, 5253.0, 5313.0, 5591.0, 5670.0, 5676.0, 5272.0, 5414.0, 5610.0 (number of hits: 8)
19	5270	9	1	333	1	5639.0, 5493.0, 5356.0, 5567.0, 5614.0, 5675.0, 5666.0, 5367.0, 5578.0, 5633.0, 5461.0, 5519.0, 5503.0, 5476.0, 5435.0, 5663.0, 5495.0, 5656.0, 5641.0, 5312.0, 5328.0, 5258.0, 5313.0, 5292.0, 5259.0, 5716.0, 5432.0, 5272.0, 5634.0, 5366.0, 5270.0, 5715.0, 5691.0, 5370.0, 5402.0, 5434.0, 5553.0, 5329.0, 5468.0, 5268.0, 5325.0, 5456.0, 5638.0, 5525.0, 5640.0, 5700.0, 5621.0, 5477.0, 5563.0, 5422.0, 5533.0, 5724.0, 5599.0, 5629.0, 5583.0, 5669.0, 5499.0, 5351.0, 5440.0, 5486.0, 5463.0, 5275.0, 5271.0, 5594.0, 5350.0, 5587.0, 5659.0, 5279.0, 5255.0, 5361.0, 5521.0, 5306.0, 5353.0, 5489.0, 5320.0,

						5573.0, 5514.0, 5471.0, 5469.0, 5627.0, 5289.0, 5273.0, 5605.0, 5451.0, 5303.0, 5532.0, 5575.0, 5323.0, 5298.0, 5394.0, 5677.0, 5403.0, 5721.0, 5626.0, 5719.0, 5516.0, 5673.0, 5416.0, 5558.0, 5327.0 (number of hits: 11)
20	5270	9	1	333	1	5567.0, 5697.0, 5560.0, 5299.0, 5627.0, 5557.0, 5309.0, 5584.0, 5654.0, 5472.0, 5587.0, 5378.0, 5573.0, 5601.0, 5570.0, 5279.0, 5294.0, 5371.0, 5359.0, 5699.0, 5370.0, 5353.0, 5593.0, 5468.0, 5565.0, 5578.0, 5652.0, 5491.0, 5374.0, 5586.0, 5582.0, 5506.0, 5422.0, 5602.0, 5314.0, 5405.0, 5713.0, 5606.0, 5462.0, 5455.0, 5644.0, 5686.0, 5642.0, 5346.0, 5554.0, 5269.0, 5626.0, 5649.0, 5555.0, 5495.0, 5343.0, 5338.0, 5521.0, 5470.0, 5658.0, 5306.0, 5622.0, 5687.0, 5638.0, 5493.0, 5417.0, 5385.0, 5285.0, 5276.0, 5559.0, 5389.0, 5490.0, 5312.0, 5393.0, 5407.0, 5722.0, 5436.0, 5271.0, 5629.0, 5419.0, 5623.0, 5716.0, 5409.0, 5341.0, 5487.0, 5528.0, 5394.0, 5355.0, 5688.0, 5339.0, 5302.0, 5709.0, 5575.0, 5717.0, 5291.0, 5344.0, 5446.0, 5260.0, 5696.0, 5523.0, 5308.0, 5439.0, 5416.0, 5433.0, 5501.0 (number of hits: 6)
21	5270	9	1	333	1	5427.0, 5442.0, 5537.0, 5564.0, 5607.0, 5420.0, 5656.0, 5691.0, 5492.0, 5336.0, 5456.0, 5364.0, 5266.0, 5270.0, 5461.0, 5406.0, 5454.0, 5515.0, 5628.0, 5723.0, 5320.0, 5471.0, 5511.0, 5553.0, 5669.0, 5622.0, 5465.0, 5631.0, 5280.0, 5297.0, 5490.0, 5694.0, 5640.0, 5638.0, 5696.0, 5706.0, 5722.0, 5545.0, 5685.0, 5484.0, 5463.0, 5403.0, 5331.0, 5384.0, 5365.0, 5426.0, 5316.0, 5673.0, 5606.0, 5440.0, 5314.0, 5632.0, 5370.0, 5688.0, 5289.0, 5660.0, 5541.0, 5439.0, 5395.0, 5355.0, 5291.0, 5561.0, 5283.0, 5366.0, 5367.0, 5269.0, 5414.0, 5437.0, 5699.0, 5721.0, 5641.0, 5351.0, 5544.0, 5676.0, 5356.0, 5514.0, 5610.0, 5652.0, 5646.0, 5697.0, 5271.0, 5507.0, 5386.0, 5714.0, 5312.0, 5655.0, 5488.0, 5435.0, 5411.0, 5540.0, 5292.0, 5517.0, 5358.0, 5466.0, 5718.0, 5524.0, 5330.0, 5473.0, 5486.0, 5402.0 (number of hits: 7)
22	5270	9	1	333	1	5336.0, 5454.0, 5598.0, 5288.0, 5365.0, 5510.0, 5660.0, 5361.0, 5702.0, 5713.0, 5395.0, 5721.0, 5670.0, 5406.0, 5707.0, 5284.0, 5698.0, 5412.0, 5668.0, 5527.0, 5450.0, 5384.0, 5331.0, 5438.0, 5659.0, 5632.0, 5500.0, 5421.0, 5455.0, 5303.0, 5325.0, 5663.0, 5316.0, 5480.0, 5463.0, 5279.0, 5720.0, 5439.0, 5290.0, 5691.0, 5484.0, 5377.0, 5342.0, 5293.0, 5476.0,

						5638.0, 5415.0, 5700.0, 5319.0, 5680.0, 5313.0, 5277.0, 5514.0, 5517.0, 5644.0, 5296.0, 5498.0, 5388.0, 5351.0, 5673.0, 5642.0, 5647.0, 5617.0, 5686.0, 5312.0, 5437.0, 5709.0, 5493.0, 5307.0, 5326.0, 5531.0, 5606.0, 5353.0, 5328.0, 5492.0, 5522.0, 5398.0, 5478.0, 5520.0, 5525.0, 5690.0, 5546.0, 5622.0, 5431.0, 5452.0, 5462.0, 5538.0, 5442.0, 5276.0, 5278.0, 5542.0, 5343.0, 5533.0, 5281.0, 5425.0, 5578.0, 5350.0, 5396.0, 5505.0, 5391.0 (number of hits: 7)
23	5270	9	1	333	1	5602.0, 5440.0, 5359.0, 5596.0, 5303.0, 5681.0, 5463.0, 5626.0, 5709.0, 5449.0, 5426.0, 5400.0, 5315.0, 5293.0, 5697.0, 5388.0, 5378.0, 5671.0, 5652.0, 5361.0, 5355.0, 5370.0, 5719.0, 5309.0, 5693.0, 5686.0, 5428.0, 5455.0, 5540.0, 5262.0, 5708.0, 5593.0, 5524.0, 5703.0, 5366.0, 5445.0, 5515.0, 5541.0, 5403.0, 5720.0, 5624.0, 5264.0, 5414.0, 5341.0, 5316.0, 5318.0, 5653.0, 5559.0, 5704.0, 5457.0, 5397.0, 5458.0, 5367.0, 5251.0, 5581.0, 5267.0, 5345.0, 5712.0, 5574.0, 5261.0, 5297.0, 5690.0, 5321.0, 5600.0, 5375.0, 5498.0, 5595.0, 5638.0, 5354.0, 5713.0, 5387.0, 5628.0, 5649.0, 5623.0, 5495.0, 5511.0, 5419.0, 5658.0, 5306.0, 5348.0, 5279.0, 5489.0, 5461.0, 5614.0, 5554.0, 5688.0, 5631.0, 5395.0, 5538.0, 5510.0, 5655.0, 5502.0, 5499.0, 5685.0, 5349.0, 5415.0, 5339.0, 5710.0, 5290.0, 5412.0 (number of hits: 6)
24	5270	9	1	333	1	5554.0, 5705.0, 5303.0, 5506.0, 5419.0, 5396.0, 5597.0, 5570.0, 5426.0, 5667.0, 5701.0, 5437.0, 5634.0, 5627.0, 5636.0, 5459.0, 5432.0, 5574.0, 5372.0, 5529.0, 5565.0, 5718.0, 5370.0, 5508.0, 5714.0, 5616.0, 5483.0, 5434.0, 5612.0, 5679.0, 5300.0, 5677.0, 5653.0, 5489.0, 5670.0, 5313.0, 5611.0, 5497.0, 5302.0, 5348.0, 5356.0, 5720.0, 5538.0, 5698.0, 5473.0, 5662.0, 5514.0, 5253.0, 5360.0, 5563.0, 5609.0, 5358.0, 5359.0, 5445.0, 5472.0, 5583.0, 5510.0, 5293.0, 5327.0, 5287.0, 5584.0, 5723.0, 5346.0, 5314.0, 5274.0, 5275.0, 5509.0, 5693.0, 5435.0, 5440.0, 5339.0, 5324.0, 5518.0, 5637.0, 5417.0, 5663.0, 5516.0, 5365.0, 5485.0, 5504.0, 5391.0, 5411.0, 5613.0, 5523.0, 5389.0, 5692.0, 5695.0, 5540.0, 5318.0, 5381.0, 5341.0, 5331.0, 5607.0, 5558.0, 5292.0, 5564.0, 5632.0, 5658.0, 5596.0, 5582.0 (number of hits: 4)
25	5270	9	1	333	1	5291.0, 5382.0, 5475.0, 5674.0, 5393.0, 5624.0, 5410.0, 5349.0, 5413.0, 5401.0, 5642.0, 5603.0, 5571.0, 5542.0, 5561.0,

						5678.0, 5280.0, 5315.0, 5381.0, 5508.0, 5689.0, 5253.0, 5390.0, 5447.0, 5304.0, 5458.0, 5507.0, 5278.0, 5438.0, 5625.0, 5553.0, 5419.0, 5272.0, 5618.0, 5552.0, 5284.0, 5281.0, 5605.0, 5368.0, 5634.0, 5661.0, 5686.0, 5496.0, 5651.0, 5384.0, 5479.0, 5509.0, 5306.0, 5684.0, 5312.0, 5406.0, 5716.0, 5645.0, 5560.0, 5688.0, 5658.0, 5692.0, 5268.0, 5606.0, 5307.0, 5276.0, 5591.0, 5703.0, 5579.0, 5630.0, 5536.0, 5459.0, 5282.0, 5358.0, 5489.0, 5366.0, 5652.0, 5350.0, 5411.0, 5273.0, 5721.0, 5450.0, 5417.0, 5626.0, 5371.0, 5341.0, 5397.0, 5295.0, 5558.0, 5695.0, 5290.0, 5596.0, 5319.0, 5505.0, 5466.0, 5403.0, 5503.0, 5664.0, 5620.0, 5391.0, 5422.0, 5533.0, 5264.0, 5289.0, 5510.0 (number of hits: 12)
26	5270	9	1	333	1	5353.0, 5542.0, 5295.0, 5320.0, 5699.0, 5325.0, 5275.0, 5696.0, 5515.0, 5385.0, 5661.0, 5552.0, 5630.0, 5329.0, 5298.0, 5358.0, 5666.0, 5594.0, 5690.0, 5640.0, 5616.0, 5465.0, 5694.0, 5408.0, 5659.0, 5387.0, 5449.0, 5270.0, 5598.0, 5537.0, 5596.0, 5326.0, 5395.0, 5681.0, 5668.0, 5688.0, 5526.0, 5595.0, 5254.0, 5540.0, 5553.0, 5621.0, 5609.0, 5568.0, 5700.0, 5525.0, 5614.0, 5458.0, 5606.0, 5279.0, 5720.0, 5500.0, 5365.0, 5718.0, 5314.0, 5569.0, 5280.0, 5316.0, 5665.0, 5587.0, 5436.0, 5602.0, 5351.0, 5461.0, 5516.0, 5467.0, 5417.0, 5519.0, 5611.0, 5337.0, 5714.0, 5583.0, 5624.0, 5566.0, 5309.0, 5419.0, 5407.0, 5296.0, 5256.0, 5532.0, 5348.0, 5413.0, 5360.0, 5421.0, 5590.0, 5312.0, 5462.0, 5592.0, 5511.0, 5437.0, 5555.0, 5593.0, 5678.0, 5380.0, 5571.0, 5490.0, 5682.0, 5342.0, 5544.0, 5480.0 (number of hits: 6)
27	5270	9	1	333	1	5705.0, 5345.0, 5640.0, 5681.0, 5266.0, 5645.0, 5660.0, 5543.0, 5532.0, 5391.0, 5290.0, 5375.0, 5434.0, 5516.0, 5255.0, 5570.0, 5463.0, 5446.0, 5279.0, 5264.0, 5712.0, 5275.0, 5324.0, 5653.0, 5689.0, 5527.0, 5569.0, 5425.0, 5703.0, 5567.0, 5509.0, 5454.0, 5534.0, 5361.0, 5448.0, 5272.0, 5419.0, 5383.0, 5453.0, 5327.0, 5287.0, 5641.0, 5677.0, 5304.0, 5723.0, 5559.0, 5460.0, 5690.0, 5336.0, 5524.0, 5512.0, 5347.0, 5406.0, 5719.0, 5687.0, 5635.0, 5618.0, 5310.0, 5697.0, 5358.0, 5464.0, 5343.0, 5631.0, 5592.0, 5372.0, 5676.0, 5537.0, 5622.0, 5580.0, 5625.0, 5617.0, 5320.0, 5338.0, 5707.0, 5722.0, 5284.0, 5671.0, 5627.0, 5601.0, 5698.0, 5564.0, 5500.0, 5655.0, 5367.0, 5405.0, 5449.0, 5497.0, 5597.0, 5624.0, 5271.0,

						5585.0, 5457.0, 5485.0, 5720.0, 5715.0, 5678.0, 5440.0, 5288.0, 5268.0, 5252.0 (number of hits: 12)
28	5270	9	1	333	1	5703.0, 5332.0, 5483.0, 5505.0, 5387.0, 5453.0, 5695.0, 5314.0, 5368.0, 5671.0, 5411.0, 5560.0, 5429.0, 5312.0, 5535.0, 5710.0, 5357.0, 5531.0, 5459.0, 5413.0, 5690.0, 5405.0, 5572.0, 5521.0, 5493.0, 5299.0, 5506.0, 5491.0, 5606.0, 5325.0, 5281.0, 5719.0, 5255.0, 5331.0, 5533.0, 5338.0, 5612.0, 5410.0, 5251.0, 5702.0, 5693.0, 5363.0, 5378.0, 5688.0, 5415.0, 5277.0, 5291.0, 5654.0, 5275.0, 5318.0, 5512.0, 5304.0, 5489.0, 5288.0, 5337.0, 5700.0, 5260.0, 5717.0, 5696.0, 5547.0, 5523.0, 5296.0, 5253.0, 5602.0, 5557.0, 5616.0, 5369.0, 5475.0, 5526.0, 5722.0, 5577.0, 5290.0, 5681.0, 5348.0, 5285.0, 5623.0, 5555.0, 5504.0, 5511.0, 5615.0, 5698.0, 5423.0, 5706.0, 5579.0, 5386.0, 5315.0, 5599.0, 5352.0, 5635.0, 5404.0, 5636.0, 5650.0, 5347.0, 5321.0, 5407.0, 5500.0, 5619.0, 5697.0, 5499.0, 5601.0 (number of hits: 9)
29	5270	9	1	333	1	5519.0, 5511.0, 5348.0, 5484.0, 5474.0, 5317.0, 5345.0, 5641.0, 5426.0, 5347.0, 5456.0, 5314.0, 5267.0, 5533.0, 5593.0, 5287.0, 5520.0, 5703.0, 5390.0, 5400.0, 5440.0, 5556.0, 5693.0, 5578.0, 5439.0, 5259.0, 5590.0, 5350.0, 5415.0, 5283.0, 5486.0, 5675.0, 5419.0, 5685.0, 5637.0, 5408.0, 5580.0, 5587.0, 5524.0, 5546.0, 5523.0, 5584.0, 5460.0, 5659.0, 5438.0, 5722.0, 5707.0, 5558.0, 5467.0, 5488.0, 5252.0, 5706.0, 5395.0, 5307.0, 5454.0, 5480.0, 5658.0, 5671.0, 5318.0, 5545.0, 5369.0, 5352.0, 5392.0, 5605.0, 5652.0, 5470.0, 5509.0, 5427.0, 5708.0, 5626.0, 5649.0, 5634.0, 5413.0, 5586.0, 5455.0, 5306.0, 5489.0, 5507.0, 5662.0, 5557.0, 5412.0, 5342.0, 5665.0, 5270.0, 5462.0, 5646.0, 5452.0, 5670.0, 5444.0, 5386.0, 5620.0, 5402.0, 5614.0, 5375.0, 5535.0, 5472.0, 5374.0, 5358.0, 5351.0, 5554.0 (number of hits: 6)
30	5270	9	1	333	1	5675.0, 5692.0, 5677.0, 5317.0, 5513.0, 5442.0, 5406.0, 5577.0, 5273.0, 5721.0, 5623.0, 5372.0, 5265.0, 5583.0, 5310.0, 5719.0, 5705.0, 5683.0, 5542.0, 5650.0, 5505.0, 5423.0, 5266.0, 5715.0, 5628.0, 5271.0, 5395.0, 5260.0, 5461.0, 5533.0, 5381.0, 5302.0, 5404.0, 5255.0, 5522.0, 5391.0, 5510.0, 5573.0, 5558.0, 5304.0, 5656.0, 5640.0, 5609.0, 5712.0, 5508.0, 5295.0, 5572.0, 5498.0, 5651.0, 5254.0, 5669.0, 5294.0, 5557.0, 5599.0, 5347.0, 5509.0, 5343.0, 5350.0, 5546.0, 5396.0,

						5331.0, 5685.0, 5703.0, 5301.0, 5426.0, 5439.0, 5269.0, 5696.0, 5503.0, 5571.0, 5431.0, 5607.0, 5723.0, 5524.0, 5278.0, 5312.0, 5429.0, 5388.0, 5699.0, 5298.0, 5639.0, 5671.0, 5253.0, 5452.0, 5264.0, 5479.0, 5463.0, 5465.0, 5625.0, 5585.0, 5416.0, 5597.0, 5477.0, 5491.0, 5560.0, 5525.0, 5353.0, 5267.0, 5444.0, 5580.0 (number of hits: 12)

5510 MHz, 40 MHz Bandwidth

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

Please refer to the following statistical tables:

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

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5510	61	1	878	1
2	5510	76	1	698	1
3	5510	70	1	758	1
4	5510	95	1	558	1
5	5510	86	1	618	1
6	5510	89	1	598	1
7	5510	18	1	3066	1
8	5510	62	1	858	1
9	5510	63	1	838	1
10	5510	67	1	798	1
11	5510	65	1	818	1
12	5510	78	1	678	1
13	5510	81	1	658	1
14	5510	92	1	578	1
15	5510	57	1	938	1
16	5510	22	1	2454	1
17	5510	32	1	1655	1
18	5510	31	1	1752	1
19	5510	43	1	1253	1
20	5510	21	1	2636	1
21	5510	43	1	1231	1
22	5510	102	1	520	1
23	5510	48	1	1108	1
24	5510	95	1	561	1
25	5510	20	1	2643	1
26	5510	39	1	1363	1
27	5510	18	1	2992	1
28	5510	22	1	2423	1
29	5510	29	1	1870	1
30	5510	57	1	926	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	5510	24	1.8	202	1
2	5510	23	2.9	226	1
3	5510	28	2.2	201	1
4	5510	27	4.5	217	1
5	5510	28	4.6	179	1
6	5510	27	4.1	182	1
7	5510	23	4.3	206	1
8	5510	27	1.2	159	1
9	5510	24	1	161	1
10	5510	28	4.7	163	1
11	5510	25	2.8	176	1
12	5510	29	4.8	209	1
13	5510	29	1.2	186	1
14	5510	24	4.8	192	1
15	5510	28	4.4	190	1
16	5510	27	2.9	195	1
17	5510	24	1.1	152	1
18	5510	29	5	229	1
19	5510	24	3.9	187	1
20	5510	26	3.2	204	1
21	5510	27	4.4	188	1
22	5510	29	2.3	182	1
23	5510	29	3.6	189	1
24	5510	24	3.6	193	1
25	5510	28	3.1	184	1
26	5510	25	2.9	200	1
27	5510	24	2.6	203	1
28	5510	26	4	222	1
29	5510	24	3.3	222	1
30	5510	29	3.8	160	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	5510	16	8	271	1
2	5510	16	8.7	460	1
3	5510	17	8.8	428	1
4	5510	17	10	411	1
5	5510	16	9.3	484	1
6	5510	18	9.8	226	1
7	5510	18	6.1	331	1
8	5510	18	8	376	1
9	5510	18	7	392	1
10	5510	18	6	393	1
11	5510	16	8.7	331	1
12	5510	18	9.5	360	1
13	5510	17	9	442	1
14	5510	17	6.4	207	1
15	5510	18	6.8	400	1
16	5510	17	7.2	402	1
17	5510	18	7.9	308	1
18	5510	17	6.4	326	1
19	5510	16	7.7	388	1
20	5510	17	7.5	401	1
21	5510	18	8.2	290	1
22	5510	18	7.7	240	1
23	5510	16	8.9	341	1
24	5510	16	9.5	268	1
25	5510	18	9	218	1
26	5510	18	9.5	294	1
27	5510	18	7.1	226	1
28	5510	18	9.2	440	1
29	5510	17	6.1	438	1
30	5510	18	7.2	215	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	5510	14	14.7	463	1
2	5510	14	17.3	457	1
3	5510	14	12.3	392	1
4	5510	15	15.6	238	1
5	5510	16	16	275	1
6	5510	13	16.3	336	1
7	5510	13	13	443	1
8	5510	16	20	277	1
9	5510	15	18.6	426	1
10	5510	14	18	333	1
11	5510	15	14.6	354	1
12	5510	13	14	277	1
13	5510	15	16.8	295	1
14	5510	15	12.5	466	1
15	5510	15	14.1	329	1
16	5510	15	16.4	308	1
17	5510	16	19.1	496	1
18	5510	15	13	216	1
19	5510	12	18.1	357	1
20	5510	16	11.4	449	1
21	5510	15	17.4	381	1
22	5510	14	11.9	457	1
23	5510	13	17.7	210	1
24	5510	12	16.6	245	1
25	5510	12	12.6	307	1
26	5510	15	14.6	242	1
27	5510	15	19.4	452	1
28	5510	13	15.9	404	1
29	5510	14	13.5	469	1
30	5510	14	11.2	214	1
Detection Percentage: 100 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Bin5 Statistics 1

CF=5497MHz

Trial #	Pulse	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	56.8	1178		0.183214	1
1	3	5	82.2	1617	1004	0.907204	
2	2	12	97.1	1550		1.404048	
3	3	6	52.1	1981	1298	2.376383	
4	2	7	84	1443		2.925958	
5	2	10	57	1884		3.393823	
6	2	6	99	1072		3.835151	
7	2	12	96	1018		4.679981	
8	2	8	78	1260		5.541719	
9	2	8	83	1675		6.110697	
10	3	13	74.3	1674	1542	6.486459	
11	2	6	95.7	1967		7.305787	
12	2	18	61.8	1517		7.617791	
13	2	10	80.7	1588		8.401956	
14	2	16	72.6	1586		9.372632	
15	1	8	55.6			9.497382	
16	1	14	63.5			10.272744	
17	2	8	56.2	1074		10.738241	
18	2	20	89.5	1107		11.879891	

Bin5 Statistics 2

CF=5491MHz

Trial #	Pulse	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	99.3	1436		0.092385	
1	2	17	79.1	1611		2.034171	
2	2	15	87.8	1042		2.781514	
3	2	10	69.5	1198		4.132908	
4	3	9	83.8	1386	1561	5.28778	
5	1	19	76.8			5.583585	1
6	2	13	53.8	1600		7.602374	
7	3	5	96.6	1051	1214	7.685328	
8	3	17	60.8	1010	1608	9.105993	
9	1	6	81			10.372564	
10	2	10	82.3	1584		11.912134	

Bin5 Statistics 3

CF=5521MHz

Trial #	Pulse	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	61.1			0.73958	
1	2	7	76.9	1616		0.813606	
2	1	19	51			2.197333	
3	2	11	100	1378		2.454735	
4	2	8	88.8	1943		3.301399	
5	1	18	67.4			4.446773	
6	3	18	61.9	1353	1666	5.029132	
7	2	20	92.1	1565		6.359613	1
8	3	12	99.6	1264	1695	7.17775	
9	2	7	74	1122		7.887643	
10	2	6	98.3	1956		8.458606	
11	2	18	95.7	1367		8.811885	
12	2	20	71.5	1657		10.215454	
13	2	19	94.6	1720		11.113472	
14	2	19	84.1	1562		11.878586	

Bin5 Statistics 4

CF=5502MHz

Trial #	Pulse	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	89.6	1219		0.03874	1
1	1	9	50.4			1.045952	
2	2	19	92.4	1554		1.537348	
3	1	14	56.5			2.60307	
4	2	12	77.4	1615		2.71396	
5	2	20	85.2	1183		3.858474	
6	1	11	87.5			4.280482	
7	2	13	57.3	1811		4.672662	
8	3	8	94.7	1147	1304	5.710928	
9	2	6	67.3	1872		6.200493	
10	1	14	59.7			6.730245	
11	2	9	71.2	1995		7.71811	
12	1	19	99.6			8.380408	
13	2	8	53.6	1684		8.796503	
14	2	20	79.6	1670		9.871103	
15	2	9	87	1539		10.255385	
16	2	11	64.1	1516		10.750593	
17	3	11	58.3	1686	1939	11.445843	

Bin5 Statistics 5

CF=5516MHz

Trial #	Pulse	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	71.3	1882		0.483934	1
1	2	5	80	1364		1.852591	
2	2	8	71.9	1392		2.303987	
3	2	7	79.5	1063		3.273851	
4	1	17	68.1			4.637751	
5	1	12	97.6			5.946235	
6	3	15	58.3	1960	1636	6.169962	
7	2	19	62.1	1072		7.311438	
8	2	10	88.3	1591		8.805744	
9	1	6	73.5			9.269949	
10	2	12	54.4	1395		10.52902	
11	3	20	57	1964	1395	11.14615	

Bin5 Statistics 6

CF=5504MHz

Trial #	Pulse	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	70.1	1467		0.422311	1
1	2	11	93.5	1239		1.376344	
2	3	10	67.4	1089	1213	2.452871	
3	3	11	78.2	1733	1699	3.395898	
4	2	15	96.1	1458		3.761141	
5	2	14	73.2	1738		4.9333	
6	3	6	61.8	1893	1278	6.215768	
7	2	15	85.1	1673		6.547659	
8	2	8	64.7	1611		8.188657	
9	2	6	51.8	1411		8.671566	
10	3	13	84.1	1071	1996	9.445266	
11	2	14	53	1916		10.312087	
12	1	5	74.7			11.59917	

Bin5 Statistics 7

CF=5521MHz

Trial #	Pulse	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	83.5			0.066328	1
1	3	17	59.1	1983	1172	0.90546	
2	1	5	88.4			1.614868	
3	2	19	86.2	1380		2.571694	
4	1	20	61			3.478414	
5	2	8	65.2	1007		3.540435	
6	2	5	75.1	1625		4.656567	
7	1	9	76.7			5.458783	
8	2	5	58.2	1660		5.827336	
9	2	8	50.7	1768		6.677251	
10	1	19	86.9			7.152246	
11	2	17	94	1632		8.020754	
12	2	18	87.6	1403		8.484585	
13	2	16	57.3	1557		9.704836	
14	1	16	75.9			10.47837	
15	1	19	70.4			11.09466	
16	3	16	97.9	1605	1991	11.715212	

Bin5 Statistics 8

CF=5494MHz

Trial #	Pulse	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	81.6			0.324117	1
1	1	6	62.5			1.438059	
2	3	7	97.2	1540	1646	2.734646	
3	2	19	95.8	1876		3.492535	
4	1	6	69			3.896182	
5	2	13	97.9	1602		4.776622	
6	3	13	55	1004	1071	6.035275	
7	1	17	54.3			6.478428	
8	3	12	53.7	1654	1030	7.806075	
9	1	6	54.7			9.158931	
10	2	17	88.3	1208		9.269549	
11	3	16	83	1665	1086	10.871835	
12	2	10	70.1	1726		11.705753	

Bin5 Statistics 9

CF=5504MHz

Trial #	Pulse	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	91.1	1984	1364	0.234228	
1	2	14	97	1726		0.672773	
2	1	17	77.1			1.596616	
3	3	7	83.2	1549	1285	1.984586	
4	3	17	84.6	1532	1929	2.79349	
5	3	19	78.6	1697	1176	3.316732	
6	3	17	54.4	1883	1345	4.298984	
7	3	13	79.5	1288	1902	4.492797	
8	2	17	50.4	1899		5.404034	
9	2	11	51.4	1656		5.811532	1
10	3	13	62.8	1267	1381	6.927512	
11	3	10	94.6	1823	1599	7.479187	
12	2	14	92.9	1482		7.734292	
13	1	11	69.5			8.824493	
14	3	7	80.7	1476	1433	9.31378	
15	3	18	69.5	1194	1216	9.524034	
16	3	13	75.1	1979	1571	10.50099	
17	2	11	92.2	1991		10.910717	
18	2	8	58.3	1504		11.898863	

Bin5 Statistics 10

CF=5494MHz

Trial #	Pulse	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	82.9	1363		0.093396	1
1	2	15	87.1	1722		0.826111	
2	2	11	74.5	1020		1.610512	
3	1	19	75.9			2.556574	
4	2	9	50.8	1896		3.989599	
5	3	19	76.8	1793	1877	4.675206	
6	2	9	62.2	1923		5.206498	
7	3	5	93.6	1300	1873	6.054459	
8	2	18	92.1	1428		6.411671	
9	2	18	87.6	1150		7.52655	
10	3	8	58	1507	1054	8.139996	
11	2	9	90	1436		9.513575	
12	3	15	61.8	1510	1338	9.942334	
13	3	9	62.3	1323	1486	11.187244	
14	2	8	84.7	1149		11.686295	

Bin5 Statistics 11

CF=5522MHz

Trial #	Pulse	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	93.2	1969		0.372945	1
1	2	15	90.4	1687		1.681611	
2	1	20	78.6			2.195869	
3	3	6	78.7	1932	1248	3.954245	
4	1	8	91.8			4.783952	
5	3	10	77.3	1399	1029	5.893871	
6	1	12	54.5			6.423754	
7	2	11	98.4	1759		7.144786	
8	2	19	60.7	1682		8.343366	
9	3	17	98.5	1578	1129	9.484763	
10	2	18	80.5	1491		10.874111	
11	3	18	60.3	1421	1629	11.788085	

Bin5 Statistics 12

CF=5496MHz

Trial #	Pulse	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	65.5	1664	1355	0.637791	
1	2	16	90.1	1183		1.078869	
2	3	5	85.8	1738	1591	1.521759	
3	2	15	53.6	1517		2.584576	
4	1	8	72.5			3.23464	
5	2	6	91.5	1930		3.363001	
6	3	13	99.1	1498	1504	4.206529	
7	2	20	56.1	1857		4.784315	
8	3	12	79.6	1316	1670	5.335723	
9	2	13	85.3	1238		6.144782	1
10	2	16	64.1	1361		7.201888	
11	1	17	58.4			7.854487	
12	1	6	92.6			8.582668	
13	2	20	55.5	1899		9.055524	
14	2	7	99.9	1933		9.815663	
15	2	19	64.3	1413		10.344621	
16	1	14	63.5			10.685558	
17	2	10	65.8	1132		11.726917	

Bin5 Statistics 13

CF=5491MHz

Trial #	Pulse	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	84.5	1770		0.44765	1
1	1	19	60			0.843783	
2	2	15	59.4	1463		1.709171	
3	1	8	52.6			2.430731	
4	1	7	72.1			3.597215	
5	3	18	84.2	1817	1542	3.94958	
6	2	16	84.9	1569		4.69684	
7	2	12	52.8	1170		5.283258	
8	3	9	75.3	1514	1343	6.34948	
9	2	18	71.3	1477		7.110026	
10	1	20	58			7.704505	
11	3	6	91.2	1646	1304	8.589817	
12	2	19	91	1818		9.742345	
13	2	19	70	1779		10.341481	
14	2	14	56.4	1965		10.870405	
15	2	13	86.7	1252		11.491575	

Bin5 Statistics 14

CF=5497MHz

Trial #	Pulse	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	86.8	1961		0.079068	1
1	1	8	54			2.074464	
2	2	17	90.5	1821		3.074939	
3	2	8	54.2	1864		4.519018	
4	2	16	66.7	1015		5.519915	
5	2	18	89.4	1116		6.331739	
6	3	14	76.8	1834	1590	7.644122	
7	2	12	74.4	1876		8.854626	
8	1	17	67.2			9.832008	
9	1	19	59.5			11.230295	

Bin5 Statistics 15

CF=5493MHz

Trial #	Pulse	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	97.5	1244		0.471014	
1	2	12	56.8	1354		1.127595	
2	2	8	84.1	1092		2.070039	
3	1	18	53.3			2.852756	
4	2	18	66.5	1413		3.499214	
5	2	12	78.6	1553		4.717999	
6	2	13	88.9	1719		5.548246	
7	3	18	64.2	1431	1198	6.185638	1
8	3	15	78.3	1962	1893	6.630784	
9	2	6	88.1	1259		7.293188	
10	2	15	79.9	1612		8.599649	
11	2	15	95.5	1006		9.586612	
12	3	6	53.2	1115	1173	10.013646	
13	2	13	62.6	1484		10.535584	
14	2	5	74.5	1353		11.229659	

Bin5 Statistics 16

CF=5503MHz

Trial #	Pulse	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	77.2	1285		0.375903	
1	3	9	53	1908	1084	1.666023	
2	1	15	96.3			2.850548	
3	2	19	51.5	1751		4.732645	
4	2	12	67.4	1500		5.985834	1
5	1	19	89.3			7.089927	
6	2	15	54.3	1315		8.944625	
7	2	18	90.3	1234		10.105744	
8	2	18	85.6	1634		11.688925	

Bin5 Statistics 17

CF=5511MHz

Trial #	Pulse	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	58.8	1976	1731	0.264972	
1	3	5	56.8	1869	1748	1.293753	
2	1	13	96.7			2.63868	
3	1	10	60.2			3.972786	
4	2	18	88.7	1243		4.420446	
5	3	14	99.5	1534	1761	6.014885	1
6	2	5	74.4	1872		7.047881	
7	3	8	80.4	1061	1428	7.823905	
8	1	9	86.9			9.048853	
9	2	14	94.9	1351		9.961406	
10	2	12	50.5	1465		10.937688	

Bin5 Statistics 18

CF=5504MHz

Trial #	Pulse	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	76.1	1848		0.759693	
1	3	19	71.6	1131	1859	1.868086	
2	2	16	50.5	1406		2.875323	
3	2	12	85.1	1503		3.824698	
4	3	8	94.7	1833	1784	4.540497	
5	2	6	85.1	1684		6.50741	1
6	2	9	89.9	1520		7.518222	
7	2	16	69.2	1873		8.384072	
8	2	9	99.9	1898		8.994857	
9	2	9	76.8	1886		10.536526	
10	2	7	88.8	1983		11.821013	

Bin5 Statistics 19

CF=5521MHz

Trial #	Pulse	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	64.8	1188		0.692749	1
1	3	8	69.7	1605	1914	2.326764	
2	2	7	93.6	1802		3.589985	
3	3	6	88.2	1102	1649	4.532032	
4	2	17	64	1680		4.824725	
5	3	11	92.8	1520	1327	6.249324	
6	1	13	54.7			8.075515	
7	1	7	94.2			8.632707	
8	1	13	67.6			10.656339	
9	1	15	53.4			11.688838	

Bin5 Statistics 20

CF=5506MHz

Trial #	Pulse	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	65.1	1279		0.260365	1
1	3	12	69.8	1419	1254	1.410435	
2	2	15	75.9	1973		2.13916	
3	3	7	75.5	1601	1559	2.663242	
4	1	19	95.2			3.678618	
5	3	7	89.6	1678	1432	4.223579	
6	1	20	94.1			4.842131	
7	2	10	56.8	1960		5.369816	
8	3	20	70.3	1058	1231	6.214006	
9	2	8	90.6	1129		7.252254	
10	1	9	100			7.594069	
11	3	7	85.9	1002	1740	8.797787	
12	1	16	72.6			9.311471	
13	3	10	57.5	1173	1271	9.979051	
14	3	16	93.7	1743	1085	11.077795	
15	1	6	73.9			11.616473	

Bin5 Statistics 21

CF=5504MHz

Trial #	Pulse	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	68.4	1276	1071	0.519734	1
1	3	14	79.2	1888	1556	0.94017	
2	2	19	67.4	1334		1.298515	
3	3	15	56.3	1274	1558	2.09825	
4	2	12	76.7	1782		2.730435	
5	2	6	56	1302		3.21793	
6	2	17	57.4	1723		4.170818	
7	3	19	62.3	1132	1550	4.531661	
8	3	19	58.5	1576	1967	5.16702	
9	1	16	88.7			5.758297	
10	1	11	54.3			6.31697	
11	3	8	95.5	1503	1562	6.933331	
12	2	8	52.5	1950		7.459632	
13	3	12	87.2	1978	1777	7.836377	
14	2	13	91.9	1062		8.412485	
15	2	19	87.8	1929		9.587412	
16	2	19	99.6	1313		9.830213	
17	2	7	84.1	1109		10.428783	
18	2	12	67.7	1864		10.863261	
19	3	13	77.3	1033	1504	11.63528	

Bin5 Statistics 22

CF=5495MHz

Trial #	Pulse	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	84.8			0.283579	
1	2	8	58.9	1551		0.962009	
2	3	19	52.4	1106	1844	1.69556	
3	1	5	73.4			2.758566	
4	2	8	67	1032		3.294769	
5	2	14	90.2	1455		3.79545	
6	3	11	71.3	1672	1352	4.893945	
7	2	6	65.7	1438		5.184881	
8	2	16	91	1345		6.211765	1
9	3	12	97.8	1579	1357	6.873624	
10	1	16	78.7			7.732594	
11	1	8	58.7			8.335838	
12	2	13	83.7	1086		8.867728	
13	1	7	95.7			9.403723	
14	1	18	85.6			10.297674	
15	2	11	92.7	1914		11.036707	
16	3	7	84.8	1945	1341	11.445084	

Bin5 Statistics 23

CF=5516MHz

Trial #	Pulse	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	84.7	1260		0.264023	1
1	1	7	69.8			0.757831	
2	2	8	60.9	1528		2.241511	
3	3	8	88.8	1155	1787	2.487556	
4	3	12	93.6	1478	1520	3.363075	
5	2	20	58.1	1946		4.235055	
6	1	7	75.1			4.503833	
7	3	6	69.9	1748	1274	5.726384	
8	2	14	72.3	1083		6.671105	
9	3	16	50.8	1343	1806	7.063738	
10	3	11	63	1525	1298	7.864944	
11	3	11	73.8	1269	1029	8.884326	
12	2	6	69.5	1028		9.621718	
13	2	11	86.5	1811		10.211752	
14	2	7	68.3	1284		11.150044	
15	2	19	67.2	1594		11.877156	

Bin5 Statistics 24

CF=5521MHz

Trial #	Pulse	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	86.1	1714	1656	0.869258	1
1	2	18	52.3	1562		1.571436	
2	3	15	70.7	1209	1730	3.258705	
3	1	14	84.3			4.020188	
4	3	11	52.9	1152	1081	5.382137	
5	3	9	77.7	1329	1709	6.267157	
6	3	18	92.9	1769	1572	7.342142	
7	3	10	65.7	1820	1954	9.331671	
8	3	19	76.9	1506	1328	9.605282	
9	2	11	75.6	1166		11.451944	

Bin5 Statistics 25

CF=5509MHz

Trial #	Pulse	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	60.3			0.978472	1
1	2	12	83.8	1587		1.593236	
2	1	8	69			2.161514	
3	1	6	91.6			3.718596	
4	2	9	94.9	1984		4.506708	
5	1	14	56.6			5.990851	
6	3	5	77.3	1064	1447	6.589976	
7	3	15	57.6	1766	1357	7.123344	
8	1	20	96.5			8.077953	
9	2	11	71.8	1476		9.576751	
10	1	12	96.7			10.304918	
11	3	18	52.1	1390	1586	11.138241	

Bin5 Statistics 26

CF=5491MHz

Trial #	Pulse	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	98.1			0.455154	1
1	2	8	83.7	1743		1.702453	
2	3	7	73	1964	1269	2.445543	
3	1	9	51.4			3.327211	
4	2	11	55.3	1998		3.936266	
5	1	13	95.5			4.856493	
6	2	9	79.9	1667		6.209064	
7	1	10	59.6			6.547754	
8	1	14	93.2			8.026278	
9	2	12	68	1836		8.736802	
10	3	7	85	1107	1370	9.607286	
11	2	9	97.5	1689		10.827675	
12	1	6	70			11.806155	

Bin5 Statistics 27

CF=5510MHz

Trial #	Pulse	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	59			0.54675	1
1	2	12	87.7	1935		1.67176	
2	3	16	91.2	1640	1091	1.872545	
3	1	11	68.7			2.959592	
4	2	12	55.1	1274		3.822833	
5	2	16	53.8	1614		4.764514	
6	1	8	51.3			5.929383	
7	2	6	79.6	1786		6.392135	
8	2	14	66.8	1419		7.570349	
9	2	6	61.2	1414		8.536601	
10	3	10	84.9	1521	1499	8.914299	
11	2	10	74.9	1283		10.094026	
12	2	7	98.3	1459		10.557031	
13	2	16	56.4	1368		11.961965	

Bin5 Statistics 28

CF=5506MHz

Trial #	Pulse	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	74.4	1560		0.986861	1
1	2	10	59.6	1124		1.113551	
2	2	18	54.9	1923		2.81041	
3	2	20	91	1213		3.539389	
4	3	9	68.8	1707	1422	4.983581	
5	2	9	98.3	1234		5.968541	
6	2	6	96.4	1209		7.551082	
7	2	6	78.4	1303		7.86071	
8	3	18	78.1	1148	1921	9.551117	
9	2	17	80.5	1558		10.030389	
10	3	8	55.6	1341	1972	11.164938	

Bin5 Statistics 29

CF=5492MHz

Trial #	Pulse	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	93.3	1889		0.222183	
1	2	17	78.5	1216		1.382464	
2	2	9	85.5	1664		1.62404	
3	3	11	67.1	1661	1456	3.049444	
4	2	19	59.7	1867		3.860674	
5	2	17	67.8	1103		4.51007	
6	1	14	72.7			5.22357	
7	3	7	80.4	1336	1489	6.047017	1
8	2	9	97.1	1794		6.465342	
9	3	19	96.4	1567	1677	7.267106	
10	2	20	70	1753		8.30348	
11	2	19	76.4	1062		9.295303	
12	1	11	84.3			10.377484	
13	1	10	53			10.781053	
14	2	7	93.4	1691		11.740423	

Bin5 Statistics 30

CF=5518MHz

Trial #	Pulse	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	93.4	1273		0.881476	
1	1	9	90.7			1.717575	
2	2	13	97.8	1217		2.398423	
3	1	15	94.2			3.582758	
4	2	8	78.1	1689		4.066075	
5	1	6	90.1			5.25428	
6	3	9	62.5	1802	1632	6.362205	1
7	2	10	78.2	1644		7.961739	
8	3	13	90.8	1569	1550	8.343165	
9	3	14	74.7	1738	1569	9.566023	
10	2	19	98.8	1418		10.610399	
11	1	11	64.7			11.292511	

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	5510	9	1	333	1	5693.0, 5390.0, 5715.0, 5296.0, 5350.0, 5422.0, 5721.0, 5286.0, 5467.0, 5635.0, 5662.0, 5318.0, 5496.0, 5385.0, 5525.0, 5575.0, 5578.0, 5569.0, 5723.0, 5710.0, 5277.0, 5260.0, 5330.0, 5535.0, 5254.0, 5658.0, 5707.0, 5495.0, 5584.0, 5426.0, 5393.0, 5292.0, 5441.0, 5589.0, 5377.0, 5407.0, 5620.0, 5674.0, 5449.0, 5370.0, 5434.0, 5339.0, 5409.0, 5537.0, 5440.0, 5316.0, 5586.0, 5368.0, 5384.0, 5285.0, 5398.0, 5313.0, 5549.0, 5513.0, 5583.0, 5250.0, 5375.0, 5646.0, 5488.0, 5365.0, 5287.0, 5615.0, 5342.0, 5653.0, 5273.0, 5298.0, 5597.0, 5667.0, 5665.0, 5638.0, 5387.0, 5361.0, 5425.0, 5686.0, 5366.0, 5497.0, 5264.0, 5696.0, 5486.0, 5335.0, 5445.0, 5413.0, 5706.0, 5332.0, 5419.0, 5270.0, 5644.0, 5474.0, 5435.0, 5363.0, 5372.0, 5505.0, 5500.0, 5472.0, 5355.0, 5562.0, 5508.0, 5362.0, 5520.0, 5701.0 (number of hits: 9)
2	5510	9	1	333	1	5663.0, 5352.0, 5713.0, 5617.0, 5327.0, 5514.0, 5507.0, 5538.0, 5370.0, 5260.0, 5342.0, 5469.0, 5535.0, 5430.0, 5513.0, 5551.0, 5371.0, 5706.0, 5411.0, 5504.0, 5472.0, 5676.0, 5508.0, 5577.0, 5516.0, 5383.0, 5509.0, 5470.0, 5690.0, 5579.0, 5529.0, 5388.0, 5311.0, 5603.0, 5263.0, 5434.0, 5389.0, 5720.0, 5269.0, 5337.0, 5566.0, 5262.0, 5710.0, 5652.0, 5537.0, 5334.0, 5407.0, 5341.0, 5375.0, 5572.0, 5321.0, 5707.0, 5701.0, 5614.0, 5284.0, 5658.0, 5412.0, 5665.0, 5569.0, 5300.0, 5704.0, 5354.0, 5650.0, 5638.0, 5287.0, 5480.0, 5556.0, 5591.0, 5527.0, 5670.0, 5695.0, 5623.0, 5395.0, 5532.0, 5656.0, 5393.0, 5446.0, 5555.0, 5669.0, 5552.0, 5674.0, 5489.0, 5539.0, 5272.0, 5280.0, 5697.0, 5405.0, 5533.0, 5534.0, 5675.0, 5316.0, 5454.0, 5512.0, 5698.0, 5604.0, 5358.0, 5448.0, 5584.0, 5402.0, 5628.0 (number of hits: 10)
3	5510	9	1	333	1	5414.0, 5377.0, 5330.0, 5638.0, 5381.0, 5697.0, 5271.0, 5487.0, 5276.0, 5279.0, 5314.0, 5452.0, 5382.0, 5664.0, 5596.0, 5544.0, 5641.0, 5597.0, 5347.0, 5672.0, 5537.0, 5602.0, 5266.0, 5391.0, 5369.0, 5340.0, 5539.0, 5426.0, 5354.0, 5604.0, 5632.0, 5722.0, 5484.0, 5317.0, 5689.0, 5575.0, 5288.0, 5299.0, 5335.0, 5416.0, 5585.0, 5721.0, 5480.0, 5611.0, 5526.0,

						5436.0, 5405.0, 5565.0, 5705.0, 5399.0, 5275.0, 5699.0, 5360.0, 5308.0, 5620.0, 5553.0, 5701.0, 5467.0, 5716.0, 5591.0, 5272.0, 5402.0, 5599.0, 5540.0, 5368.0, 5274.0, 5331.0, 5290.0, 5558.0, 5517.0, 5424.0, 5683.0, 5581.0, 5650.0, 5312.0, 5657.0, 5710.0, 5594.0, 5717.0, 5477.0, 5715.0, 5329.0, 5376.0, 5675.0, 5513.0, 5355.0, 5431.0, 5301.0, 5682.0, 5306.0, 5269.0, 5396.0, 5499.0, 5457.0, 5346.0, 5297.0, 5648.0, 5298.0, 5509.0, 5366.0 (number of hits: 5)
4	5510	9	1	333	1	5463.0, 5510.0, 5310.0, 5716.0, 5474.0, 5659.0, 5365.0, 5705.0, 5356.0, 5359.0, 5435.0, 5496.0, 5485.0, 5508.0, 5522.0, 5577.0, 5377.0, 5330.0, 5294.0, 5649.0, 5666.0, 5272.0, 5585.0, 5667.0, 5599.0, 5285.0, 5392.0, 5292.0, 5562.0, 5298.0, 5379.0, 5454.0, 5447.0, 5282.0, 5611.0, 5481.0, 5316.0, 5576.0, 5569.0, 5314.0, 5262.0, 5385.0, 5613.0, 5387.0, 5571.0, 5594.0, 5479.0, 5721.0, 5440.0, 5424.0, 5384.0, 5381.0, 5336.0, 5277.0, 5342.0, 5405.0, 5305.0, 5442.0, 5563.0, 5428.0, 5462.0, 5254.0, 5256.0, 5371.0, 5378.0, 5283.0, 5418.0, 5648.0, 5288.0, 5614.0, 5412.0, 5478.0, 5386.0, 5701.0, 5497.0, 5687.0, 5306.0, 5672.0, 5320.0, 5444.0, 5344.0, 5521.0, 5260.0, 5546.0, 5724.0, 5516.0, 5390.0, 5695.0, 5675.0, 5711.0, 5337.0, 5665.0, 5537.0, 5602.0, 5523.0, 5638.0, 5289.0, 5560.0, 5654.0, 5641.0 (number of hits: 8)
5	5510	9	1	333	1	5292.0, 5325.0, 5629.0, 5528.0, 5661.0, 5505.0, 5541.0, 5580.0, 5385.0, 5682.0, 5545.0, 5363.0, 5402.0, 5511.0, 5319.0, 5420.0, 5445.0, 5464.0, 5605.0, 5311.0, 5440.0, 5324.0, 5375.0, 5390.0, 5412.0, 5697.0, 5573.0, 5518.0, 5538.0, 5254.0, 5534.0, 5459.0, 5374.0, 5276.0, 5562.0, 5353.0, 5565.0, 5663.0, 5301.0, 5373.0, 5263.0, 5267.0, 5568.0, 5344.0, 5347.0, 5265.0, 5686.0, 5414.0, 5455.0, 5652.0, 5602.0, 5438.0, 5557.0, 5620.0, 5258.0, 5444.0, 5425.0, 5714.0, 5484.0, 5277.0, 5321.0, 5694.0, 5712.0, 5352.0, 5706.0, 5637.0, 5273.0, 5358.0, 5635.0, 5673.0, 5392.0, 5648.0, 5571.0, 5451.0, 5713.0, 5389.0, 5649.0, 5460.0, 5491.0, 5330.0, 5364.0, 5572.0, 5307.0, 5343.0, 5432.0, 5313.0, 5338.0, 5470.0, 5342.0, 5320.0, 5563.0, 5405.0, 5409.0, 5403.0, 5371.0, 5303.0, 5659.0, 5468.0, 5693.0, 5349.0 (number of hits: 5)
6	5510	9	1	333	1	5427.0, 5456.0, 5620.0, 5607.0, 5683.0, 5437.0, 5618.0, 5448.0, 5619.0, 5320.0, 5309.0, 5628.0, 5279.0, 5451.0, 5339.0,

						5475.0, 5416.0, 5287.0, 5669.0, 5363.0, 5674.0, 5420.0, 5547.0, 5263.0, 5667.0, 5630.0, 5374.0, 5711.0, 5304.0, 5565.0, 5344.0, 5329.0, 5253.0, 5594.0, 5585.0, 5476.0, 5426.0, 5697.0, 5486.0, 5605.0, 5414.0, 5532.0, 5359.0, 5312.0, 5488.0, 5583.0, 5464.0, 5514.0, 5340.0, 5608.0, 5326.0, 5612.0, 5370.0, 5391.0, 5710.0, 5495.0, 5589.0, 5357.0, 5584.0, 5438.0, 5652.0, 5457.0, 5587.0, 5397.0, 5490.0, 5298.0, 5389.0, 5568.0, 5522.0, 5654.0, 5259.0, 5541.0, 5347.0, 5552.0, 5342.0, 5390.0, 5685.0, 5586.0, 5415.0, 5512.0, 5269.0, 5358.0, 5334.0, 5689.0, 5443.0, 5518.0, 5341.0, 5491.0, 5258.0, 5314.0, 5368.0, 5431.0, 5497.0, 5318.0, 5336.0, 5700.0, 5533.0, 5707.0, 5704.0, 5534.0 (number of hits: 8)
7	5510	9	1	333	1	5392.0, 5681.0, 5498.0, 5533.0, 5406.0, 5474.0, 5579.0, 5365.0, 5479.0, 5561.0, 5487.0, 5495.0, 5609.0, 5432.0, 5596.0, 5551.0, 5529.0, 5469.0, 5471.0, 5260.0, 5339.0, 5576.0, 5393.0, 5488.0, 5608.0, 5577.0, 5521.0, 5348.0, 5496.0, 5447.0, 5686.0, 5644.0, 5541.0, 5654.0, 5508.0, 5591.0, 5306.0, 5640.0, 5324.0, 5428.0, 5344.0, 5711.0, 5511.0, 5518.0, 5660.0, 5258.0, 5698.0, 5405.0, 5430.0, 5593.0, 5602.0, 5718.0, 5544.0, 5374.0, 5264.0, 5634.0, 5356.0, 5505.0, 5534.0, 5362.0, 5663.0, 5555.0, 5444.0, 5281.0, 5445.0, 5515.0, 5403.0, 5558.0, 5282.0, 5276.0, 5415.0, 5257.0, 5303.0, 5522.0, 5334.0, 5412.0, 5325.0, 5328.0, 5363.0, 5425.0, 5451.0, 5419.0, 5575.0, 5723.0, 5595.0, 5625.0, 5646.0, 5520.0, 5678.0, 5270.0, 5623.0, 5554.0, 5379.0, 5535.0, 5530.0, 5604.0, 5719.0, 5525.0, 5706.0, 5657.0 (number of hits: 13)
8	5510	9	1	333	1	5620.0, 5690.0, 5603.0, 5336.0, 5508.0, 5525.0, 5331.0, 5534.0, 5300.0, 5422.0, 5486.0, 5277.0, 5435.0, 5506.0, 5342.0, 5397.0, 5643.0, 5392.0, 5658.0, 5430.0, 5489.0, 5625.0, 5341.0, 5293.0, 5291.0, 5688.0, 5592.0, 5363.0, 5456.0, 5261.0, 5676.0, 5304.0, 5252.0, 5283.0, 5504.0, 5295.0, 5436.0, 5383.0, 5673.0, 5401.0, 5322.0, 5535.0, 5498.0, 5425.0, 5479.0, 5299.0, 5677.0, 5364.0, 5573.0, 5477.0, 5639.0, 5490.0, 5565.0, 5550.0, 5334.0, 5549.0, 5671.0, 5516.0, 5562.0, 5691.0, 5529.0, 5495.0, 5548.0, 5510.0, 5445.0, 5484.0, 5464.0, 5471.0, 5307.0, 5629.0, 5630.0, 5598.0, 5514.0, 5505.0, 5666.0, 5369.0, 5474.0, 5552.0, 5544.0, 5480.0, 5332.0, 5349.0, 5423.0, 5315.0, 5632.0, 5389.0, 5289.0, 5717.0, 5587.0, 5487.0,

						5721.0, 5269.0, 5720.0, 5374.0, 5698.0, 5650.0, 5521.0, 5722.0, 5531.0, 5572.0 (number of hits: 13)
9	5510	9	1	333	1	5710.0, 5345.0, 5352.0, 5471.0, 5447.0, 5257.0, 5551.0, 5579.0, 5297.0, 5723.0, 5656.0, 5280.0, 5553.0, 5449.0, 5634.0, 5304.0, 5480.0, 5586.0, 5464.0, 5403.0, 5605.0, 5376.0, 5609.0, 5404.0, 5687.0, 5664.0, 5360.0, 5675.0, 5483.0, 5621.0, 5303.0, 5712.0, 5253.0, 5682.0, 5722.0, 5591.0, 5706.0, 5417.0, 5348.0, 5372.0, 5400.0, 5346.0, 5474.0, 5606.0, 5265.0, 5359.0, 5363.0, 5384.0, 5433.0, 5555.0, 5386.0, 5398.0, 5283.0, 5443.0, 5566.0, 5612.0, 5259.0, 5434.0, 5650.0, 5514.0, 5538.0, 5490.0, 5309.0, 5546.0, 5499.0, 5629.0, 5469.0, 5628.0, 5299.0, 5409.0, 5501.0, 5467.0, 5326.0, 5387.0, 5422.0, 5637.0, 5513.0, 5547.0, 5666.0, 5533.0, 5487.0, 5292.0, 5454.0, 5560.0, 5381.0, 5364.0, 5307.0, 5251.0, 5647.0, 5548.0, 5272.0, 5472.0, 5681.0, 5617.0, 5581.0, 5438.0, 5314.0, 5573.0, 5264.0, 5571.0 (number of hits: 5)
10	5510	9	1	333	1	5689.0, 5724.0, 5481.0, 5620.0, 5700.0, 5604.0, 5697.0, 5592.0, 5691.0, 5705.0, 5704.0, 5303.0, 5380.0, 5632.0, 5350.0, 5305.0, 5358.0, 5473.0, 5377.0, 5367.0, 5643.0, 5396.0, 5507.0, 5720.0, 5672.0, 5343.0, 5290.0, 5491.0, 5430.0, 5615.0, 5680.0, 5357.0, 5678.0, 5623.0, 5462.0, 5625.0, 5709.0, 5633.0, 5403.0, 5294.0, 5385.0, 5682.0, 5523.0, 5356.0, 5590.0, 5376.0, 5657.0, 5324.0, 5308.0, 5540.0, 5654.0, 5508.0, 5528.0, 5706.0, 5516.0, 5373.0, 5383.0, 5317.0, 5369.0, 5439.0, 5266.0, 5421.0, 5602.0, 5453.0, 5492.0, 5309.0, 5277.0, 5641.0, 5584.0, 5722.0, 5479.0, 5655.0, 5549.0, 5477.0, 5501.0, 5566.0, 5593.0, 5493.0, 5296.0, 5456.0, 5658.0, 5499.0, 5666.0, 5531.0, 5454.0, 5619.0, 5346.0, 5524.0, 5555.0, 5283.0, 5264.0, 5565.0, 5622.0, 5609.0, 5355.0, 5365.0, 5420.0, 5401.0, 5718.0, 5292.0 (number of hits: 11)
11	5510	9	1	333	1	5516.0, 5508.0, 5332.0, 5408.0, 5714.0, 5601.0, 5349.0, 5637.0, 5517.0, 5595.0, 5322.0, 5383.0, 5455.0, 5522.0, 5676.0, 5334.0, 5706.0, 5546.0, 5351.0, 5461.0, 5385.0, 5609.0, 5683.0, 5705.0, 5366.0, 5252.0, 5270.0, 5641.0, 5292.0, 5264.0, 5524.0, 5643.0, 5580.0, 5583.0, 5603.0, 5377.0, 5552.0, 5569.0, 5654.0, 5722.0, 5309.0, 5337.0, 5596.0, 5624.0, 5398.0, 5338.0, 5537.0, 5708.0, 5350.0, 5715.0, 5689.0, 5575.0, 5428.0, 5393.0, 5612.0, 5407.0, 5470.0, 5533.0, 5657.0, 5278.0,

						5449.0, 5305.0, 5380.0, 5300.0, 5566.0, 5565.0, 5382.0, 5371.0, 5308.0, 5330.0, 5417.0, 5418.0, 5268.0, 5506.0, 5562.0, 5545.0, 5441.0, 5660.0, 5584.0, 5342.0, 5515.0, 5664.0, 5576.0, 5616.0, 5396.0, 5317.0, 5614.0, 5281.0, 5605.0, 5375.0, 5488.0, 5315.0, 5581.0, 5700.0, 5341.0, 5454.0, 5266.0, 5718.0, 5429.0, 5709.0 (number of hits: 7)
12	5510	9	1	333	1	5373.0, 5687.0, 5297.0, 5512.0, 5265.0, 5333.0, 5439.0, 5639.0, 5392.0, 5578.0, 5581.0, 5579.0, 5620.0, 5641.0, 5254.0, 5409.0, 5703.0, 5267.0, 5433.0, 5262.0, 5665.0, 5653.0, 5668.0, 5400.0, 5603.0, 5431.0, 5379.0, 5638.0, 5477.0, 5359.0, 5282.0, 5483.0, 5459.0, 5415.0, 5412.0, 5403.0, 5633.0, 5691.0, 5615.0, 5511.0, 5258.0, 5446.0, 5635.0, 5339.0, 5538.0, 5523.0, 5552.0, 5707.0, 5445.0, 5304.0, 5420.0, 5413.0, 5555.0, 5271.0, 5358.0, 5503.0, 5461.0, 5342.0, 5553.0, 5666.0, 5600.0, 5657.0, 5453.0, 5629.0, 5594.0, 5488.0, 5337.0, 5608.0, 5646.0, 5643.0, 5649.0, 5253.0, 5353.0, 5534.0, 5595.0, 5604.0, 5369.0, 5318.0, 5611.0, 5686.0, 5347.0, 5346.0, 5517.0, 5417.0, 5391.0, 5250.0, 5416.0, 5599.0, 5380.0, 5407.0, 5484.0, 5502.0, 5399.0, 5393.0, 5589.0, 5404.0, 5499.0, 5697.0, 5700.0, 5576.0 (number of hits: 7)
13	5510	9	1	333	1	5471.0, 5257.0, 5325.0, 5278.0, 5397.0, 5359.0, 5539.0, 5443.0, 5716.0, 5374.0, 5610.0, 5439.0, 5377.0, 5407.0, 5694.0, 5466.0, 5632.0, 5419.0, 5622.0, 5603.0, 5562.0, 5505.0, 5317.0, 5659.0, 5660.0, 5291.0, 5347.0, 5394.0, 5294.0, 5636.0, 5511.0, 5450.0, 5633.0, 5661.0, 5687.0, 5385.0, 5602.0, 5366.0, 5572.0, 5333.0, 5720.0, 5575.0, 5712.0, 5360.0, 5461.0, 5356.0, 5400.0, 5343.0, 5352.0, 5319.0, 5509.0, 5614.0, 5322.0, 5346.0, 5488.0, 5342.0, 5566.0, 5454.0, 5592.0, 5321.0, 5337.0, 5444.0, 5574.0, 5267.0, 5324.0, 5628.0, 5290.0, 5713.0, 5250.0, 5528.0, 5538.0, 5507.0, 5389.0, 5686.0, 5413.0, 5514.0, 5682.0, 5350.0, 5476.0, 5375.0, 5423.0, 5376.0, 5549.0, 5285.0, 5691.0, 5557.0, 5334.0, 5693.0, 5474.0, 5371.0, 5470.0, 5518.0, 5590.0, 5482.0, 5651.0, 5472.0, 5647.0, 5323.0, 5304.0, 5421.0 (number of hits: 7)
14	5510	9	1	333	1	5385.0, 5559.0, 5629.0, 5334.0, 5519.0, 5299.0, 5520.0, 5478.0, 5273.0, 5309.0, 5459.0, 5269.0, 5563.0, 5439.0, 5322.0, 5447.0, 5427.0, 5312.0, 5503.0, 5460.0, 5395.0, 5335.0, 5417.0, 5458.0, 5264.0, 5366.0, 5289.0, 5550.0, 5456.0, 5405.0,

						5705.0, 5419.0, 5496.0, 5667.0, 5316.0, 5376.0, 5333.0, 5290.0, 5590.0, 5613.0, 5493.0, 5648.0, 5490.0, 5529.0, 5625.0, 5253.0, 5270.0, 5307.0, 5517.0, 5626.0, 5616.0, 5504.0, 5573.0, 5433.0, 5378.0, 5601.0, 5693.0, 5658.0, 5291.0, 5397.0, 5549.0, 5702.0, 5258.0, 5382.0, 5280.0, 5642.0, 5632.0, 5497.0, 5474.0, 5678.0, 5494.0, 5571.0, 5700.0, 5564.0, 5357.0, 5328.0, 5584.0, 5548.0, 5306.0, 5386.0, 5618.0, 5579.0, 5546.0, 5388.0, 5471.0, 5337.0, 5574.0, 5373.0, 5498.0, 5594.0, 5639.0, 5351.0, 5435.0, 5600.0, 5359.0, 5485.0, 5352.0, 5390.0, 5720.0, 5647.0 (number of hits: 12)
15	5510	9	1	333	1	5684.0, 5668.0, 5505.0, 5599.0, 5479.0, 5258.0, 5267.0, 5449.0, 5393.0, 5661.0, 5655.0, 5442.0, 5371.0, 5387.0, 5619.0, 5544.0, 5271.0, 5547.0, 5503.0, 5327.0, 5556.0, 5433.0, 5360.0, 5482.0, 5381.0, 5648.0, 5565.0, 5326.0, 5615.0, 5376.0, 5477.0, 5290.0, 5301.0, 5548.0, 5300.0, 5434.0, 5279.0, 5286.0, 5397.0, 5293.0, 5354.0, 5525.0, 5510.0, 5428.0, 5708.0, 5588.0, 5409.0, 5574.0, 5665.0, 5378.0, 5330.0, 5488.0, 5543.0, 5636.0, 5364.0, 5266.0, 5650.0, 5328.0, 5472.0, 5437.0, 5394.0, 5268.0, 5289.0, 5596.0, 5555.0, 5367.0, 5403.0, 5579.0, 5626.0, 5407.0, 5519.0, 5528.0, 5386.0, 5329.0, 5697.0, 5611.0, 5529.0, 5485.0, 5637.0, 5280.0, 5663.0, 5448.0, 5549.0, 5517.0, 5641.0, 5627.0, 5332.0, 5283.0, 5284.0, 5308.0, 5383.0, 5262.0, 5638.0, 5552.0, 5483.0, 5412.0, 5572.0, 5343.0, 5380.0, 5455.0 (number of hits: 8)
16	5510	9	1	333	1	5550.0, 5306.0, 5437.0, 5470.0, 5269.0, 5596.0, 5283.0, 5595.0, 5715.0, 5607.0, 5262.0, 5336.0, 5341.0, 5396.0, 5458.0, 5527.0, 5273.0, 5515.0, 5657.0, 5381.0, 5413.0, 5580.0, 5278.0, 5451.0, 5552.0, 5339.0, 5571.0, 5510.0, 5622.0, 5332.0, 5327.0, 5647.0, 5649.0, 5434.0, 5445.0, 5312.0, 5522.0, 5356.0, 5599.0, 5472.0, 5322.0, 5292.0, 5704.0, 5613.0, 5379.0, 5592.0, 5488.0, 5299.0, 5611.0, 5296.0, 5605.0, 5496.0, 5575.0, 5439.0, 5659.0, 5289.0, 5331.0, 5466.0, 5295.0, 5525.0, 5678.0, 5281.0, 5409.0, 5514.0, 5272.0, 5699.0, 5493.0, 5425.0, 5486.0, 5382.0, 5694.0, 5563.0, 5418.0, 5275.0, 5297.0, 5519.0, 5303.0, 5573.0, 5665.0, 5266.0, 5562.0, 5578.0, 5717.0, 5386.0, 5337.0, 5384.0, 5635.0, 5429.0, 5503.0, 5551.0, 5426.0, 5691.0, 5631.0, 5400.0, 5443.0, 5672.0, 5442.0, 5692.0, 5315.0, 5468.0 (number of hits: 10)

17	5510	9	1	333	1	5590.0, 5386.0, 5534.0, 5509.0, 5628.0, 5400.0, 5308.0, 5339.0, 5326.0, 5633.0, 5470.0, 5555.0, 5643.0, 5471.0, 5563.0, 5496.0, 5600.0, 5720.0, 5531.0, 5444.0, 5300.0, 5341.0, 5539.0, 5312.0, 5559.0, 5319.0, 5635.0, 5655.0, 5592.0, 5403.0, 5316.0, 5293.0, 5354.0, 5506.0, 5390.0, 5594.0, 5679.0, 5343.0, 5684.0, 5372.0, 5520.0, 5338.0, 5663.0, 5269.0, 5332.0, 5565.0, 5623.0, 5285.0, 5274.0, 5484.0, 5254.0, 5457.0, 5574.0, 5366.0, 5553.0, 5344.0, 5323.0, 5521.0, 5692.0, 5505.0, 5560.0, 5624.0, 5501.0, 5696.0, 5373.0, 5543.0, 5442.0, 5694.0, 5510.0, 5410.0, 5291.0, 5657.0, 5482.0, 5535.0, 5497.0, 5329.0, 5421.0, 5681.0, 5530.0, 5687.0, 5486.0, 5378.0, 5494.0, 5305.0, 5571.0, 5580.0, 5311.0, 5399.0, 5508.0, 5461.0, 5362.0, 5566.0, 5607.0, 5340.0, 5525.0, 5659.0, 5651.0, 5613.0, 5688.0, 5637.0 (number of hits: 12)
18	5510	9	1	333	1	5512.0, 5622.0, 5301.0, 5380.0, 5354.0, 5554.0, 5629.0, 5304.0, 5658.0, 5437.0, 5713.0, 5513.0, 5712.0, 5517.0, 5268.0, 5455.0, 5589.0, 5308.0, 5340.0, 5634.0, 5678.0, 5515.0, 5650.0, 5370.0, 5708.0, 5661.0, 5342.0, 5486.0, 5381.0, 5414.0, 5581.0, 5519.0, 5500.0, 5282.0, 5579.0, 5597.0, 5639.0, 5401.0, 5542.0, 5462.0, 5393.0, 5379.0, 5702.0, 5520.0, 5284.0, 5364.0, 5355.0, 5385.0, 5628.0, 5608.0, 5603.0, 5356.0, 5453.0, 5562.0, 5323.0, 5594.0, 5261.0, 5684.0, 5721.0, 5290.0, 5375.0, 5324.0, 5572.0, 5409.0, 5694.0, 5420.0, 5351.0, 5466.0, 5343.0, 5325.0, 5657.0, 5610.0, 5672.0, 5496.0, 5620.0, 5716.0, 5555.0, 5389.0, 5377.0, 5350.0, 5691.0, 5260.0, 5632.0, 5416.0, 5510.0, 5467.0, 5477.0, 5445.0, 5265.0, 5583.0, 5430.0, 5705.0, 5368.0, 5359.0, 5580.0, 5655.0, 5711.0, 5277.0, 5372.0, 5262.0 (number of hits: 9)
19	5510	9	1	333	1	5498.0, 5511.0, 5584.0, 5607.0, 5335.0, 5364.0, 5303.0, 5347.0, 5693.0, 5441.0, 5627.0, 5581.0, 5428.0, 5644.0, 5579.0, 5395.0, 5304.0, 5461.0, 5657.0, 5456.0, 5435.0, 5660.0, 5625.0, 5689.0, 5457.0, 5513.0, 5275.0, 5443.0, 5255.0, 5642.0, 5544.0, 5665.0, 5592.0, 5312.0, 5571.0, 5521.0, 5608.0, 5459.0, 5481.0, 5493.0, 5591.0, 5329.0, 5386.0, 5440.0, 5415.0, 5401.0, 5709.0, 5257.0, 5496.0, 5683.0, 5572.0, 5464.0, 5341.0, 5399.0, 5371.0, 5320.0, 5270.0, 5712.0, 5564.0, 5376.0, 5582.0, 5507.0, 5417.0, 5407.0, 5449.0, 5620.0, 5703.0, 5447.0, 5518.0, 5366.0, 5553.0, 5360.0, 5280.0, 5393.0, 5697.0,

						5621.0, 5512.0, 5263.0, 5597.0, 5323.0, 5430.0, 5420.0, 5549.0, 5305.0, 5382.0, 5454.0, 5318.0, 5377.0, 5469.0, 5543.0, 5331.0, 5528.0, 5264.0, 5713.0, 5437.0, 5427.0, 5615.0, 5345.0, 5307.0, 5705.0 (number of hits: 10)
20	5510	9	1	333	1	5293.0, 5469.0, 5471.0, 5587.0, 5474.0, 5416.0, 5304.0, 5693.0, 5494.0, 5496.0, 5432.0, 5337.0, 5354.0, 5373.0, 5552.0, 5620.0, 5594.0, 5323.0, 5504.0, 5541.0, 5657.0, 5611.0, 5381.0, 5530.0, 5515.0, 5385.0, 5402.0, 5444.0, 5509.0, 5315.0, 5532.0, 5623.0, 5292.0, 5384.0, 5648.0, 5456.0, 5303.0, 5644.0, 5609.0, 5699.0, 5407.0, 5694.0, 5718.0, 5347.0, 5377.0, 5298.0, 5537.0, 5671.0, 5307.0, 5368.0, 5378.0, 5531.0, 5590.0, 5510.0, 5468.0, 5591.0, 5415.0, 5512.0, 5601.0, 5272.0, 5631.0, 5554.0, 5622.0, 5710.0, 5579.0, 5392.0, 5492.0, 5610.0, 5472.0, 5305.0, 5467.0, 5445.0, 5701.0, 5505.0, 5703.0, 5309.0, 5586.0, 5341.0, 5251.0, 5559.0, 5382.0, 5634.0, 5425.0, 5475.0, 5689.0, 5433.0, 5332.0, 5542.0, 5708.0, 5429.0, 5454.0, 5570.0, 5413.0, 5283.0, 5518.0, 5688.0, 5411.0, 5438.0, 5675.0, 5324.0 (number of hits: 10)
21	5510	9	1	333	1	5278.0, 5553.0, 5489.0, 5580.0, 5646.0, 5605.0, 5502.0, 5678.0, 5576.0, 5401.0, 5634.0, 5441.0, 5442.0, 5607.0, 5287.0, 5550.0, 5408.0, 5340.0, 5682.0, 5495.0, 5280.0, 5367.0, 5656.0, 5528.0, 5279.0, 5525.0, 5699.0, 5438.0, 5594.0, 5329.0, 5684.0, 5265.0, 5687.0, 5415.0, 5723.0, 5702.0, 5480.0, 5655.0, 5397.0, 5614.0, 5642.0, 5575.0, 5616.0, 5543.0, 5270.0, 5671.0, 5640.0, 5556.0, 5272.0, 5711.0, 5414.0, 5672.0, 5336.0, 5566.0, 5299.0, 5712.0, 5601.0, 5599.0, 5358.0, 5509.0, 5572.0, 5370.0, 5524.0, 5387.0, 5578.0, 5541.0, 5450.0, 5428.0, 5385.0, 5468.0, 5573.0, 5690.0, 5424.0, 5273.0, 5477.0, 5420.0, 5392.0, 5437.0, 5343.0, 5275.0, 5301.0, 5606.0, 5720.0, 5529.0, 5530.0, 5567.0, 5679.0, 5276.0, 5683.0, 5400.0, 5342.0, 5549.0, 5637.0, 5570.0, 5583.0, 5259.0, 5356.0, 5574.0, 5351.0, 5518.0 (number of hits: 8)
22	5510	9	1	333	1	5708.0, 5312.0, 5295.0, 5375.0, 5686.0, 5304.0, 5435.0, 5406.0, 5334.0, 5530.0, 5483.0, 5585.0, 5503.0, 5321.0, 5672.0, 5343.0, 5699.0, 5478.0, 5422.0, 5506.0, 5350.0, 5597.0, 5651.0, 5540.0, 5484.0, 5659.0, 5327.0, 5702.0, 5328.0, 5263.0, 5535.0, 5352.0, 5712.0, 5649.0, 5541.0, 5273.0, 5434.0, 5481.0, 5310.0, 5311.0, 5459.0, 5543.0, 5683.0, 5602.0, 5582.0,

						5573.0, 5578.0, 5475.0, 5373.0, 5494.0, 5329.0, 5520.0, 5367.0, 5463.0, 5305.0, 5262.0, 5450.0, 5510.0, 5351.0, 5627.0, 5448.0, 5447.0, 5718.0, 5715.0, 5326.0, 5289.0, 5622.0, 5357.0, 5591.0, 5461.0, 5516.0, 5336.0, 5418.0, 5544.0, 5455.0, 5253.0, 5501.0, 5595.0, 5464.0, 5432.0, 5641.0, 5466.0, 5268.0, 5529.0, 5439.0, 5468.0, 5557.0, 5267.0, 5320.0, 5302.0, 5635.0, 5616.0, 5286.0, 5538.0, 5682.0, 5392.0, 5670.0, 5393.0, 5369.0, 5309.0 (number of hits: 8)
23	5510	9	1	333	1	5462.0, 5648.0, 5250.0, 5534.0, 5490.0, 5585.0, 5531.0, 5274.0, 5497.0, 5289.0, 5659.0, 5559.0, 5338.0, 5562.0, 5468.0, 5473.0, 5380.0, 5430.0, 5272.0, 5475.0, 5266.0, 5342.0, 5687.0, 5650.0, 5638.0, 5614.0, 5385.0, 5377.0, 5395.0, 5406.0, 5382.0, 5686.0, 5698.0, 5387.0, 5608.0, 5688.0, 5641.0, 5413.0, 5405.0, 5381.0, 5713.0, 5310.0, 5352.0, 5264.0, 5411.0, 5293.0, 5306.0, 5258.0, 5523.0, 5720.0, 5334.0, 5423.0, 5477.0, 5323.0, 5378.0, 5331.0, 5660.0, 5540.0, 5724.0, 5455.0, 5676.0, 5291.0, 5396.0, 5416.0, 5368.0, 5693.0, 5357.0, 5652.0, 5263.0, 5267.0, 5699.0, 5408.0, 5674.0, 5280.0, 5533.0, 5627.0, 5478.0, 5577.0, 5362.0, 5581.0, 5422.0, 5398.0, 5618.0, 5444.0, 5494.0, 5421.0, 5665.0, 5623.0, 5616.0, 5591.0, 5365.0, 5697.0, 5543.0, 5337.0, 5553.0, 5340.0, 5598.0, 5705.0, 5504.0, 5589.0 (number of hits: 5)
24	5510	9	1	333	1	5522.0, 5550.0, 5416.0, 5446.0, 5612.0, 5703.0, 5251.0, 5567.0, 5289.0, 5503.0, 5482.0, 5301.0, 5347.0, 5555.0, 5281.0, 5265.0, 5523.0, 5262.0, 5353.0, 5257.0, 5386.0, 5322.0, 5694.0, 5363.0, 5635.0, 5685.0, 5506.0, 5269.0, 5617.0, 5320.0, 5643.0, 5310.0, 5528.0, 5453.0, 5258.0, 5351.0, 5276.0, 5272.0, 5479.0, 5266.0, 5648.0, 5376.0, 5315.0, 5521.0, 5294.0, 5299.0, 5342.0, 5263.0, 5621.0, 5382.0, 5395.0, 5595.0, 5500.0, 5404.0, 5264.0, 5513.0, 5303.0, 5409.0, 5481.0, 5687.0, 5291.0, 5704.0, 5392.0, 5378.0, 5350.0, 5445.0, 5333.0, 5529.0, 5609.0, 5512.0, 5358.0, 5487.0, 5700.0, 5283.0, 5552.0, 5298.0, 5419.0, 5497.0, 5411.0, 5498.0, 5705.0, 5357.0, 5582.0, 5532.0, 5719.0, 5365.0, 5655.0, 5699.0, 5577.0, 5722.0, 5501.0, 5355.0, 5304.0, 5456.0, 5426.0, 5293.0, 5647.0, 5654.0, 5377.0, 5601.0 (number of hits: 13)
25	5510	9	1	333	1	5441.0, 5601.0, 5446.0, 5656.0, 5604.0, 5511.0, 5609.0, 5679.0, 5288.0, 5398.0, 5709.0, 5436.0, 5502.0, 5608.0, 5402.0,

						5397.0, 5252.0, 5428.0, 5383.0, 5323.0, 5646.0, 5260.0, 5561.0, 5411.0, 5377.0, 5443.0, 5455.0, 5407.0, 5661.0, 5430.0, 5466.0, 5345.0, 5509.0, 5312.0, 5432.0, 5680.0, 5425.0, 5534.0, 5442.0, 5549.0, 5671.0, 5301.0, 5453.0, 5651.0, 5388.0, 5682.0, 5410.0, 5471.0, 5577.0, 5486.0, 5618.0, 5566.0, 5686.0, 5586.0, 5668.0, 5623.0, 5348.0, 5359.0, 5633.0, 5638.0, 5531.0, 5540.0, 5484.0, 5647.0, 5290.0, 5282.0, 5626.0, 5497.0, 5570.0, 5324.0, 5373.0, 5621.0, 5396.0, 5468.0, 5406.0, 5366.0, 5457.0, 5494.0, 5346.0, 5491.0, 5611.0, 5253.0, 5465.0, 5547.0, 5269.0, 5665.0, 5539.0, 5537.0, 5330.0, 5580.0, 5271.0, 5325.0, 5655.0, 5355.0, 5503.0, 5518.0, 5568.0, 5370.0, 5327.0, 5569.0 (number of hits: 8)
26	5510	9	1	333	1	5391.0, 5634.0, 5462.0, 5617.0, 5354.0, 5448.0, 5345.0, 5337.0, 5472.0, 5332.0, 5674.0, 5271.0, 5352.0, 5489.0, 5317.0, 5322.0, 5618.0, 5595.0, 5459.0, 5637.0, 5677.0, 5466.0, 5627.0, 5711.0, 5678.0, 5442.0, 5710.0, 5343.0, 5692.0, 5699.0, 5310.0, 5631.0, 5364.0, 5709.0, 5268.0, 5335.0, 5361.0, 5305.0, 5560.0, 5505.0, 5474.0, 5639.0, 5278.0, 5453.0, 5591.0, 5423.0, 5303.0, 5383.0, 5606.0, 5704.0, 5426.0, 5518.0, 5530.0, 5512.0, 5371.0, 5406.0, 5688.0, 5374.0, 5601.0, 5463.0, 5602.0, 5287.0, 5405.0, 5623.0, 5254.0, 5551.0, 5340.0, 5473.0, 5336.0, 5523.0, 5313.0, 5510.0, 5373.0, 5642.0, 5537.0, 5253.0, 5496.0, 5457.0, 5705.0, 5707.0, 5633.0, 5347.0, 5316.0, 5558.0, 5661.0, 5460.0, 5350.0, 5575.0, 5450.0, 5501.0, 5538.0, 5713.0, 5561.0, 5690.0, 5720.0, 5577.0, 5300.0, 5719.0, 5257.0, 5309.0 (number of hits: 7)
27	5510	9	1	333	1	5481.0, 5545.0, 5501.0, 5656.0, 5376.0, 5708.0, 5351.0, 5720.0, 5379.0, 5396.0, 5422.0, 5313.0, 5678.0, 5691.0, 5268.0, 5629.0, 5538.0, 5553.0, 5445.0, 5683.0, 5589.0, 5429.0, 5299.0, 5646.0, 5353.0, 5697.0, 5373.0, 5575.0, 5261.0, 5693.0, 5654.0, 5476.0, 5512.0, 5703.0, 5308.0, 5605.0, 5488.0, 5418.0, 5546.0, 5457.0, 5593.0, 5403.0, 5718.0, 5601.0, 5653.0, 5511.0, 5696.0, 5596.0, 5489.0, 5630.0, 5587.0, 5710.0, 5431.0, 5267.0, 5325.0, 5315.0, 5507.0, 5579.0, 5462.0, 5714.0, 5613.0, 5543.0, 5603.0, 5459.0, 5711.0, 5434.0, 5670.0, 5560.0, 5627.0, 5522.0, 5665.0, 5266.0, 5417.0, 5722.0, 5651.0, 5346.0, 5384.0, 5343.0, 5585.0, 5290.0, 5508.0, 5409.0, 5536.0, 5484.0, 5317.0, 5421.0, 5716.0, 5607.0, 5641.0, 5541.0,

						5615.0, 5639.0, 5385.0, 5328.0, 5563.0, 5334.0, 5540.0, 5253.0, 5453.0, 5420.0 (number of hits: 6)
28	5510	9	1	333	1	5634.0, 5367.0, 5374.0, 5274.0, 5664.0, 5364.0, 5688.0, 5390.0, 5558.0, 5719.0, 5435.0, 5387.0, 5460.0, 5417.0, 5555.0, 5300.0, 5531.0, 5677.0, 5676.0, 5314.0, 5420.0, 5262.0, 5557.0, 5438.0, 5706.0, 5515.0, 5641.0, 5491.0, 5459.0, 5487.0, 5640.0, 5263.0, 5458.0, 5282.0, 5683.0, 5516.0, 5485.0, 5568.0, 5318.0, 5452.0, 5315.0, 5293.0, 5660.0, 5573.0, 5297.0, 5483.0, 5396.0, 5551.0, 5545.0, 5337.0, 5628.0, 5312.0, 5642.0, 5449.0, 5716.0, 5570.0, 5486.0, 5493.0, 5354.0, 5356.0, 5710.0, 5687.0, 5451.0, 5541.0, 5633.0, 5565.0, 5359.0, 5708.0, 5437.0, 5324.0, 5403.0, 5266.0, 5509.0, 5655.0, 5431.0, 5480.0, 5478.0, 5456.0, 5377.0, 5666.0, 5603.0, 5494.0, 5564.0, 5635.0, 5427.0, 5267.0, 5455.0, 5422.0, 5538.0, 5386.0, 5681.0, 5639.0, 5257.0, 5340.0, 5652.0, 5358.0, 5577.0, 5301.0, 5268.0, 5306.0 (number of hits: 6)
29	5510	9	1	333	1	5261.0, 5376.0, 5543.0, 5691.0, 5355.0, 5324.0, 5481.0, 5496.0, 5436.0, 5280.0, 5401.0, 5484.0, 5708.0, 5288.0, 5595.0, 5415.0, 5360.0, 5440.0, 5660.0, 5295.0, 5364.0, 5287.0, 5567.0, 5609.0, 5561.0, 5392.0, 5424.0, 5251.0, 5540.0, 5549.0, 5273.0, 5353.0, 5718.0, 5420.0, 5709.0, 5592.0, 5276.0, 5572.0, 5402.0, 5664.0, 5343.0, 5416.0, 5644.0, 5334.0, 5622.0, 5634.0, 5385.0, 5439.0, 5455.0, 5493.0, 5531.0, 5444.0, 5655.0, 5589.0, 5384.0, 5483.0, 5361.0, 5301.0, 5271.0, 5536.0, 5682.0, 5506.0, 5679.0, 5579.0, 5417.0, 5632.0, 5700.0, 5408.0, 5501.0, 5320.0, 5264.0, 5556.0, 5617.0, 5435.0, 5566.0, 5711.0, 5677.0, 5648.0, 5541.0, 5489.0, 5606.0, 5325.0, 5671.0, 5321.0, 5404.0, 5446.0, 5604.0, 5398.0, 5550.0, 5377.0, 5275.0, 5678.0, 5469.0, 5548.0, 5674.0, 5565.0, 5721.0, 5357.0, 5459.0, 5603.0 (number of hits: 4)
30	5510	9	1	333	1	5667.0, 5659.0, 5493.0, 5442.0, 5378.0, 5562.0, 5353.0, 5590.0, 5365.0, 5323.0, 5611.0, 5503.0, 5409.0, 5486.0, 5295.0, 5285.0, 5666.0, 5457.0, 5472.0, 5267.0, 5699.0, 5698.0, 5425.0, 5591.0, 5360.0, 5578.0, 5470.0, 5582.0, 5369.0, 5366.0, 5651.0, 5466.0, 5669.0, 5575.0, 5655.0, 5456.0, 5268.0, 5480.0, 5679.0, 5687.0, 5505.0, 5255.0, 5476.0, 5417.0, 5300.0, 5334.0, 5327.0, 5406.0, 5315.0, 5330.0, 5564.0, 5281.0, 5587.0, 5324.0, 5368.0, 5629.0, 5489.0, 5634.0, 5574.0, 5568.0,

						5259.0, 5434.0, 5722.0, 5284.0, 5495.0, 5672.0, 5624.0, 5468.0, 5513.0, 5573.0, 5565.0, 5576.0, 5676.0, 5685.0, 5279.0, 5723.0, 5418.0, 5550.0, 5650.0, 5381.0, 5338.0, 5613.0, 5623.0, 5271.0, 5600.0, 5636.0, 5535.0, 5319.0, 5423.0, 5251.0, 5521.0, 5680.0, 5658.0, 5399.0, 5479.0, 5502.0, 5598.0, 5512.0, 5547.0, 5314.0 (number of hits: 8)

5290 MHz, 80 MHz Bandwidth

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

Please refer to the following statistical tables:

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

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5290	59	1	898	1
2	5290	57	1	938	1
3	5290	58	1	918	1
4	5290	102	1	518	1
5	5290	76	1	698	1
6	5290	61	1	878	1
7	5290	81	1	658	1
8	5290	65	1	818	1
9	5290	92	1	578	1
10	5290	63	1	838	1
11	5290	83	1	638	1
12	5290	95	1	558	1
13	5290	62	1	858	1
14	5290	99	1	538	1
15	5290	74	1	718	1
16	5290	18	1	2941	1
17	5290	43	1	1256	1
18	5290	23	1	2357	1
19	5290	59	1	907	1
20	5290	38	1	1396	1
21	5290	21	1	2533	1
22	5290	28	1	1913	1
23	5290	40	1	1326	1
24	5290	50	1	1063	1
25	5290	23	1	2374	1
26	5290	42	1	1277	1
27	5290	36	1	1489	1
28	5290	24	1	2214	1
29	5290	40	1	1343	1
30	5290	23	1	2392	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	4.5	162	1
2	5290	27	1.1	191	1
3	5290	24	2.1	212	1
4	5290	26	3.3	222	1
5	5290	29	1.6	189	1
6	5290	29	2.4	192	1
7	5290	29	1.4	205	1
8	5290	23	1.4	158	1
9	5290	23	3.7	216	1
10	5290	29	2.4	206	1
11	5290	23	1.5	163	1
12	5290	23	5	193	1
13	5290	28	2.9	222	1
14	5290	23	4.9	159	1
15	5290	26	2.2	178	1
16	5290	23	1.8	194	1
17	5290	24	4.5	173	1
18	5290	29	2.2	177	1
19	5290	27	3.5	226	1
20	5290	29	4.2	179	1
21	5290	24	4.6	205	1
22	5290	23	4.2	170	1
23	5290	25	1.2	205	1
24	5290	24	1.5	220	1
25	5290	29	3.8	204	1
26	5290	26	4.4	197	1
27	5290	29	3.2	192	1
28	5290	26	4.1	179	1
29	5290	24	1.9	195	1
30	5290	23	3.1	222	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	16	6	330	1
2	5290	16	9.3	472	1
3	5290	16	7.5	312	1
4	5290	18	8.9	500	1
5	5290	18	8.3	468	1
6	5290	18	7.3	440	1
7	5290	17	9.6	303	1
8	5290	17	7.4	344	1
9	5290	17	9.8	319	1
10	5290	16	10	206	1
11	5290	17	9.4	433	1
12	5290	18	8.3	457	1
13	5290	17	6.3	336	1
14	5290	18	8.8	322	1
15	5290	16	9	426	1
16	5290	18	7	479	1
17	5290	17	6.7	253	1
18	5290	17	6.6	464	1
19	5290	17	7.7	429	1
20	5290	18	6.4	319	1
21	5290	16	6.3	481	1
22	5290	16	9.3	350	1
23	5290	18	9.8	473	1
24	5290	16	8.8	277	1
25	5290	18	6.1	291	1
26	5290	17	7	384	1
27	5290	16	9	304	1
28	5290	18	8	436	1
29	5290	16	8.9	416	1
30	5290	16	6.4	435	1
Detection Percentage: 100 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5290	12	14.5	322	1
2	5290	13	19.8	304	1
3	5290	16	13.1	303	1
4	5290	12	17.7	326	1
5	5290	14	18	218	1
6	5290	13	12.5	214	1
7	5290	16	12.8	456	1
8	5290	15	16	264	1
9	5290	12	11.1	281	1
10	5290	14	16.2	350	1
11	5290	16	16	432	1
12	5290	13	14.2	316	1
13	5290	14	18.7	499	1
14	5290	13	11.2	469	1
15	5290	15	18	240	1
16	5290	14	17.7	232	1
17	5290	15	17.8	480	1
18	5290	13	17.2	458	1
19	5290	14	16.5	457	1
20	5290	14	15.4	379	1
21	5290	15	18.9	464	1
22	5290	15	16.3	370	1
23	5290	13	19.6	490	1
24	5290	12	16.2	398	1
25	5290	16	14.3	314	1
26	5290	16	12.5	251	1
27	5290	16	16	202	1
28	5290	16	12.9	494	1
29	5290	14	18	452	1
30	5290	15	19.6	380	1
Detection Percentage: 100 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Bin5 Statistics 1

CF=5310MHz

Trial #	Pulse	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	60.7			0.054164	
1	2	8	66.4	1656		1.246368	
2	1	15	96.9			1.795957	
3	1	13	59.3			2.02535	
4	2	14	62.1	1146		2.690886	
5	2	9	51.5	1032		3.985944	
6	2	12	59.1	1086		4.1261	
7	2	15	60.7	1117		4.753942	
8	2	6	97.6	1910		5.548306	
9	2	19	84.7	1264		6.158549	1
10	3	8	93.1	1297	1738	6.91159	
11	1	18	55.5			7.520558	
12	1	5	90.1			8.180304	
13	2	16	69.1	1448		8.821525	
14	2	9	74.5	1946		9.610856	
15	2	10	71.4	1308		10.283514	
16	1	19	94.6			11.134769	
17	2	6	97.8	1401		11.927172	

Bin5 Statistics 2

CF=5253MHz

Trial #	Pulse	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	85.4	1968		0.602191	
1	1	11	72.1			1.62621	
2	2	7	61.2	1256		2.41225	
3	2	19	80.4	1829		3.785596	
4	3	5	63.5	1986	1082	4.446342	
5	1	7	97.1			6.50468	1
6	2	14	52.3	1957		6.865913	
7	3	16	51.2	1362	1394	8.244253	
8	2	14	68.7	1118		8.785083	
9	2	19	63.8	1155		9.822478	
10	3	20	80	1363	1303	11.897315	

Bin5 Statistics 3

CF=5267MHz

Trial #	Pulse	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	68.4			0.085653	
1	1	5	73.1			0.745363	
2	2	13	86.5	1983		1.835455	
3	2	13	79.5	1240		2.285699	
4	1	15	55.1			2.915051	
5	2	18	60.6	1929		4.087574	
6	3	14	73.6	1354	1930	4.329915	
7	2	7	77	1310		5.479449	
8	1	12	81.8			5.895701	1
9	2	13	83.7	1477		6.478608	
10	2	16	92.7	1622		7.115365	
11	2	7	52.2	1110		8.238404	
12	3	5	69.9	1491	1733	8.957581	
13	2	6	54.2	1017		9.186922	
14	2	12	61.5	1778		10.330871	
15	2	17	90	1962		11.133625	
16	3	11	72	1581	1662	11.966298	

Bin5 Statistics 4

CF=5307MHz

Trial #	Pulse	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	73.2	1559		0.442166	
1	2	11	96.6	1671		1.173329	
2	1	19	54.4			1.421301	
3	1	19	67.8			1.943941	
4	2	15	54.5	1295		2.584026	
5	1	16	66.7			3.173798	
6	2	18	73.2	1879		4.07275	
7	3	19	66.3	1106	1610	4.355296	
8	2	8	91	1212		4.920419	
9	3	13	89	1941	1981	5.673428	
10	2	7	55.8	1147		6.454594	1
11	3	15	62.9	1898	1388	7.184247	
12	2	12	84.6	1768		7.580863	
13	1	9	87.9			8.172443	
14	1	6	63.3			8.870888	
15	2	13	75.4	1342		9.40607	
16	2	19	50.4	1604		10.143648	
17	2	6	69.2	1000		10.588129	
18	2	19	97.8	1126		11.181367	
19	2	9	74.5	1224		11.459187	

Bin5 Statistics 5

CF=5297MHz

Trial #	Pulse	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	78.9			0.793784	
1	3	16	97.4	1053	1871	0.842806	
2	2	7	91.8	1329		1.951262	
3	2	19	94.3	1853		2.839536	
4	2	15	56.9	1887		3.487601	
5	2	9	83.1	1312		4.519916	
6	1	12	57.1			4.987635	
7	2	20	72.7	1339		6.087124	1
8	2	10	88.3	1318		6.837071	
9	2	18	82	1494		7.962784	
10	2	12	97.2	1217		8.555007	
11	1	15	73.3			9.421462	
12	3	15	50.3	1303	1925	10.289854	
13	1	20	94.7			10.97477	
14	2	7	67.9	1703		11.311549	

Bin5 Statistics 6

CF=5314MHz

Trial #	Pulse	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	57.1	1936		0.010037	
1	1	9	82.2			1.101981	
2	2	7	90.9	1985		2.221506	
3	1	11	72.8			3.96468	
4	2	6	78	1349		4.311161	
5	2	10	57	1681		5.650091	
6	2	8	62.8	1525		6.580235	1
7	3	13	92.1	1546	1189	7.022872	
8	3	20	72.8	1730	1868	8.420228	
9	3	15	66.1	1458	1806	9.947075	
10	2	15	77.4	1043		10.414227	
11	1	15	56.8			11.495088	

Bin5 Statistics 7

CF=5259MHz

Trial #	Pulse	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	81.6			0.449261	
1	2	15	88.5	1851		0.881194	
2	2	8	78.3	1702		1.960722	
3	1	17	95.1			2.481175	
4	2	16	75.7	1914		2.921498	
5	2	16	68.7	1031		3.939216	
6	3	11	62.6	1893	1849	4.856894	
7	1	9	90.5			5.526994	
8	1	9	98.6			5.805485	1
9	1	11	57.9			6.685773	
10	3	17	90.1	1584	1321	7.264493	
11	1	16	52.1			8.064626	
12	2	17	86.2	1711		8.875284	
13	2	15	95.9	1088		9.482355	
14	1	6	70			9.892037	
15	2	20	99.5	1615		10.639379	
16	2	18	61.4	1532		11.840446	

Bin5 Statistics 8

CF=5282MHz

Trial #	Pulse	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	1254	1293	0.139109	
1	1	8	70.3			1.245437	
2	3	14	64.2	1527	1230	2.60273	
3	1	7	60.5			2.940115	
4	1	9	51			3.992769	
5	2	19	94.1	1733		5.224912	
6	1	16	75.9			6.350288	1
7	3	8	66.1	1372	1643	6.959549	
8	2	17	76.3	1235		8.089639	
9	2	15	95.8	1334		9.181329	
10	2	14	67.2	1978		9.752911	
11	2	14	71	1916		10.166132	
12	3	7	87.7	1123	1861	11.177088	

Bin5 Statistics 9

CF=5256MHz

Trial #	Pulse	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	78	1061		0.888724	1
1	2	10	82.8	1906		2.933871	
2	1	10	69.1			4.283605	
3	2	9	83.8	1096		5.789811	
4	2	12	57.6	1457		6.726869	
5	2	12	83.6	1531		7.874721	
6	2	15	94.4	1266		9.765251	
7	3	13	67.2	1619	1324	11.6068	

Bin5 Statistics 10

CF=5294MHz

Trial #	Pulse	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	71.2			0.308022	1
1	2	14	88.1	1434		0.950328	
2	2	14	89	1797		1.333815	
3	1	14	96.5			2.531253	
4	3	9	55.1	1585	1271	3.06902	
5	1	15	79.5			3.470801	
6	3	16	60.9	1934	1322	4.06956	
7	2	9	81.9	1518		5.170697	
8	2	14	72.4	1903		5.543066	
9	2	10	76.6	1325		6.2643	
10	2	13	50.8	1544		6.910674	
11	1	7	99.7			7.655933	
12	2	19	92.9	1642		8.424391	
13	3	14	84.8	1948	1717	8.797616	
14	2	6	54.1	1206		9.664549	
15	2	19	85.4	1548		10.289955	
16	3	9	77.1	1493	1698	10.869074	
17	2	16	70.3	1234		11.921207	

Bin5 Statistics 11

CF=5254MHz

Trial #	Pulse	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	88.1	1227		0.656469	1
1	2	11	54	1507		2.438014	
2	2	12	94.8	1625		3.056892	
3	2	10	90.5	1456		5.019174	
4	3	13	93.2	1787	1153	5.614175	
5	1	18	87.2			7.072359	
6	2	7	66.4	1634		8.386782	
7	3	11	86.1	1763	1903	9.968646	
8	3	10	87.5	1039	1921	11.208601	

Bin5 Statistics 12

CF=5314MHz

Trial #	Pulse	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	56.9	1477		0.716471	1
1	3	19	79.4	1464	1045	1.378112	
2	2	11	78.5	1902		1.673591	
3	2	7	56.3	1240		2.641831	
4	1	18	60			3.5999	
5	2	6	70.2	1427		4.021996	
6	1	17	85.7			4.664746	
7	3	16	97.5	1240	1797	5.645906	
8	1	18	63.8			6.37179	
9	2	10	68.7	1788		6.942339	
10	2	16	90.6	1861		7.720603	
11	2	13	99	1560		8.577421	
12	3	19	80.9	1552	1956	9.219963	
13	1	5	94.7			10.049771	
14	2	18	94.6	1621		10.955206	
15	1	19	65.5			11.476888	

Bin5 Statistics 13

CF=5276MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	91.6	1559		0.381974	
1	1	14	67.3			1.256625	
2	3	8	59.9	1960	1299	1.626007	
3	2	11	88	1010		2.86857	
4	2	7	93.7	1645		3.453855	
5	1	6	72.8			4.75317	
6	3	9	72.3	1722	1949	4.866442	
7	2	16	68.7	1844		6.253734	1
8	2	8	67.7	1976		6.492041	
9	3	11	89.3	1241	1433	7.326217	
10	3	17	70.7	1968	1275	8.678123	
11	1	8	99			9.034488	
12	2	17	80.3	1615		9.788956	
13	3	15	71.2	1328	1492	10.419952	
14	2	8	63.5	1951		11.770742	

Bin5 Statistics 14

CF=5265MHz

Trial #	Pulse	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	94.5			0.424728	
1	2	5	64.1	1546		0.707208	
2	2	19	90.9	1370		1.582627	
3	2	16	88.3	1099		2.12706	
4	1	17	94.2			2.919912	
5	3	16	91.5	1802	1744	4.015473	
6	1	18	92.7			4.661084	
7	2	7	68.5	1398		5.547503	
8	2	20	96.7	1992		5.895108	1
9	2	5	87.7	1991		6.643432	
10	2	15	51.2	1449		7.682222	
11	2	11	77.6	1777		8.455353	
12	3	19	93.8	1440	1437	8.949198	
13	1	7	58.7			9.66413	
14	3	15	63.8	1232	1165	10.078079	
15	2	10	79.2	1864		10.966386	
16	2	12	76.2	1722		11.9718	

Bin5 Statistics 15

CF=5262MHz

Trial #	Pulse	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	61	1665	1898	0.176368	1
1	2	20	93.1	1595		0.825191	
2	3	11	74.8	1653	1583	1.934254	
3	3	18	54.7	1983	1723	2.637518	
4	2	13	54.3	1426		3.641578	
5	2	17	51.1	1498		4.301488	
6	3	10	74	1288	1837	5.102966	
7	3	14	83.4	1736	1246	5.648559	
8	2	18	55.6	1204		6.493617	
9	3	17	71	1329	1227	7.254561	
10	3	19	53.9	1618	1950	7.924662	
11	2	17	95.3	1451		8.761636	
12	2	15	53.3	1894		9.010175	
13	1	8	96.2			10.474297	
14	2	19	75	1635		10.55915	
15	3	14	62.9	1418	1022	11.367158	

Bin5 Statistics 16

CF=5256MHz

Trial #	Pulse	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	89	1917	1157	0.32064	
1	2	14	84.3	1520		0.956292	
2	2	20	72.5	1382		1.422402	
3	2	11	53.9	1454		2.250316	
4	3	7	94.2	1832	1088	3.040021	
5	2	5	93.9	1321		3.436776	
6	2	9	98.9	1625		4.086671	
7	2	19	96.1	1255		4.992948	
8	3	10	82.8	1755	1610	5.644109	
9	2	11	91.8	1833		6.087195	1
10	3	5	55.8	1229	1231	6.510499	
11	1	9	52.1			7.373825	
12	1	9	89.8			7.699736	
13	1	7	81.4			8.524948	
14	2	18	90.4	1591		9.442018	
15	3	7	89.2	1203	1073	9.676121	
16	2	9	60.3	1987		10.303256	
17	3	17	81.4	1039	1089	11.341926	
18	3	8	74.8	1152	1985	11.938485	

Bin5 Statistics 17

CF=5294MHz

Trial #	Pulse	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	87.1			0.077229	1
1	2	10	97.4	1479		1.036171	
2	2	9	86.1	1097		1.432633	
3	3	7	73.1	1186	1689	2.005484	
4	2	11	52.1	1969		2.506353	
5	2	17	62.5	1619		3.153497	
6	3	14	55.1	1980	1505	3.781008	
7	1	19	66.8			4.40692	
8	1	10	93.2			4.802971	
9	2	5	79.8	1337		5.617203	
10	2	11	60.6	1440		6.384465	
11	2	12	97.5	1974		7.050844	
12	3	11	82.7	1309	1224	7.765145	
13	3	9	82.2	1443	1679	7.985846	
14	3	15	99.5	1880	1273	8.796918	
15	3	15	97.2	1389	1223	9.064076	
16	1	11	53.7			10.167425	
17	3	6	61.9	1889	1623	10.657577	
18	2	12	52.1	1933		11.202577	
19	2	18	63.1	1021		11.96191	

Bin5 Statistics 18

CF=5286MHz

Trial #	Pulse	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	92.5			0.031475	1
1	3	19	51.2	1744	1252	1.506679	
2	1	20	61.4			2.511091	
3	1	12	69			3.911578	
4	2	6	98.7	1298		4.191043	
5	2	12	99.6	1358		5.560281	
6	2	18	84.4	1378		6.488387	
7	2	9	78.9	1027		7.191437	
8	2	18	83.4	1883		8.801435	
9	1	8	55.2			9.707218	
10	2	11	54.3	1586		10.823214	
11	1	8	74			11.537835	

Bin5 Statistics 19

CF=5262MHz

Trial #	Pulse	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	64.1	1089	1370	0.145203	1
1	3	18	96.4	1409	1195	1.052988	
2	3	9	50.8	1858	1884	1.501933	
3	3	11	57.4	1149	1499	2.0373	
4	2	7	93.6	1509		3.240489	
5	2	13	98.4	1822		3.555465	
6	2	12	99.6	1640		4.639174	
7	2	15	54.5	1673		5.211485	
8	2	16	94	1872		5.931654	
9	3	11	60.8	1945	1421	6.654466	
10	2	10	52.4	1936		6.96273	
11	2	16	99.6	1822		7.537754	
12	2	16	61.9	1221		8.59831	
13	2	13	62.6	1736		8.982397	
14	3	10	82.6	1723	1735	9.854989	
15	1	6	79.8			10.050499	
16	1	9	92.8			11.081058	
17	2	8	84.2	1762		11.845049	

Bin5 Statistics 20

CF=5307MHz

Trial #	Pulse	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	65.5	1039		0.366948	1
1	3	9	91.4	1392	1441	1.31641	
2	3	18	77	1796	1212	2.247762	
3	2	7	91.2	1130		3.185014	
4	2	13	52.9	1697		4.334984	
5	2	16	59.9	1209		5.57753	
6	1	11	66.9			6.101796	
7	2	7	59.9	1335		7.036044	
8	1	11	56.6			8.54352	
9	3	10	78.6	1346	1478	9.515078	
10	2	8	55.9	1607		10.006579	
11	2	17	91.1	1648		11.634827	

Bin5 Statistics 21

CF=5261MHz

Trial #	Pulse	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	62.2			0.626948	1
1	1	19	64			1.091132	
2	3	6	84.8	1325	1818	2.064652	
3	3	6	55.4	1560	1190	3.480729	
4	3	5	97.6	1145	1461	4.563627	
5	3	13	70.4	1122	1312	5.204327	
6	1	5	88.6			6.685053	
7	2	12	86.2	1042		7.007262	
8	1	20	62.9			8.848404	
9	3	12	79.7	1850	1859	9.545	
10	2	9	95.2	1911		10.260363	
11	2	6	84.4	1152		11.710652	

Bin5 Statistics 22

CF=5273MHz

Trial #	Pulse	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	95.3			0.019186	1
1	1	15	54.1			1.069881	
2	2	13	93.1	1239		1.915692	
3	3	12	59.7	1508	1237	3.186803	
4	1	9	65.3			4.608918	
5	3	19	93.3	1213	1061	5.11465	
6	2	6	98.1	1166		6.359605	
7	2	10	64.3	1675		6.465575	
8	3	11	63.1	1122	1914	7.393834	
9	2	11	61.1	1303		9.022275	
10	3	10	54.2	1514	1419	9.451077	
11	1	16	84.8			10.293695	
12	1	19	74.5			11.679106	

Bin5 Statistics 23

CF=5284MHz

Trial #	Pulse	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	62.7			0.367213	1
1	2	19	52.2	1454		1.12247	
2	3	13	79.2	1850	1518	1.723635	
3	2	17	71.6	1920		3.090806	
4	2	8	86	1160		4.235011	
5	1	17	68			4.739625	
6	2	13	99.1	1845		5.557835	
7	1	16	58.5			6.841749	
8	2	18	81.7	1312		7.693468	
9	1	6	72.3			8.494846	
10	3	9	77	1714	1411	8.818286	
11	2	15	99.7	1582		10.091919	
12	1	18	62.3			10.585779	
13	3	16	76	1587	1094	11.895318	

Bin5 Statistics 24

CF=5264MHz

Trial #	Pulse	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	76.3	1710	1402	0.680568	1
1	2	9	67.2	1039		1.865632	
2	2	10	56.3	1521		3.263809	
3	2	8	60.5	1915		4.569414	
4	3	10	69.3	1578	1848	5.679184	
5	3	9	59.4	1149	1316	6.576837	
6	2	8	58.4	1554		7.286633	
7	2	15	85.6	1157		9.058075	
8	1	16	89.1			9.623363	
9	3	15	77.4	1589	1464	10.845187	

Bin5 Statistics 25

CF=5253MHz

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	98	1987		0.403556	1
1	3	16	79.4	1916	1901	1.332092	
2	1	19	70.5			2.333072	
3	1	16	84.1			3.035762	
4	3	8	91.4	1888	1487	3.708046	
5	2	8	57.3	1866		4.68119	
6	1	5	64.8			4.963809	
7	2	18	81.3	1543		6.188373	
8	2	13	63	1514		7.073284	
9	1	19	52.9			7.409786	
10	2	14	72.7	1604		8.025656	
11	2	6	89.3	1974		9.592581	
12	2	11	76.7	1704		9.977953	
13	3	12	85.2	1808	1262	11.02202	
14	3	13	93.7	1551	1733	11.274855	

Bin5 Statistics 26

CF=5308MHz

Trial #	Pulse	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	95.1	1877	1549	0.439393	1
1	1	17	94.8			1.159498	
2	2	19	64.9	1257		1.903144	
3	2	15	62.5	1217		2.205446	
4	2	15	69.9	1232		3.106778	
5	2	16	90.7	1016		3.664738	
6	2	17	76	1948		4.355455	
7	2	7	87.8	1876		5.173083	
8	3	12	68.4	1738	1502	5.869838	
9	2	7	84.9	1061		6.16965	
10	1	6	77.2			7.318749	
11	2	11	56.3	1325		7.768734	
12	1	20	75.2			8.096656	
13	2	15	86.2	1857		8.796686	
14	2	11	77.2	1043		9.656	
15	2	7	56.9	1223		10.288171	
16	3	8	90.8	1280	1102	11.307992	
17	2	9	99.5	1800		11.516899	

Bin5 Statistics 27

CF=5284MHz

Trial #	Pulse	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	85	1617		0.773693	1
1	2	5	58.9	1996		1.324125	
2	2	6	73.3	1834		1.73009	
3	2	14	53.5	1886		2.700136	
4	2	17	53.9	1268		4.228596	
5	2	8	80.3	1361		5.046629	
6	3	10	99.4	1012	1210	5.380871	
7	3	9	76.1	1106	1540	6.560523	
8	1	17	70.3			6.933785	
9	3	20	61.8	1315	1150	7.825382	
10	1	13	57.8			8.980259	
11	2	15	97	1637		9.467552	
12	2	14	51.7	1067		10.810797	
13	3	15	92.3	1257	1653	11.802659	

Bin5 Statistics 28

CF=5282MHz

Trial #	Pulse	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	70.5	1868		0.363028	1
1	2	5	78.8	1667		1.343709	
2	1	20	55.9			2.100255	
3	2	5	67.3	1620		2.837922	
4	2	10	71	1084		4.224133	
5	2	6	99.5	1744		5.232455	
6	3	17	80.7	1057	1902	6.27483	
7	2	18	62.2	1595		7.0498	
8	2	16	86.8	1929		8.107859	
9	2	6	81.9	1308		8.849369	
10	1	12	91.2			10.131273	
11	2	14	98.9	1794		10.445866	
12	1	10	81.9			11.931731	

Bin5 Statistics 29

CF=5275MHz

Trial #	Pulse	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	73.9	1292		0.143519	
1	2	12	86	1711		0.94756	
2	3	12	73.9	1446	1324	1.972839	
3	2	8	93.1	1762		2.292323	
4	2	6	82	1764		3.52219	
5	3	10	84	1169	1798	3.642672	
6	2	15	53.1	1616		4.931338	
7	2	8	59.8	1631		5.523155	
8	3	6	82.5	1956	1176	5.724972	1
9	2	6	95.7	1312		6.500552	
10	2	18	65.5	1111		7.550722	
11	2	6	56.3	1798		7.796902	
12	1	14	97.1			8.919967	
13	2	13	88.3	1899		9.540471	
14	2	10	68.5	1504		10.205281	
15	1	8	85.1			11.191843	
16	3	17	94.6	1773	1504	11.323953	

Bin5 Statistics 30

CF=5255MHz

Trial #	Pulse	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	63.2	1786	1354	0.032571	1
1	2	15	76.9	1600		1.089955	
2	1	6	68.4			1.714104	
3	3	15	65.6	1010	1568	2.520018	
4	1	18	69.1			2.931147	
5	1	13	53.5			3.865237	
6	2	11	77.4	1366		4.025722	
7	1	5	72.6			4.730218	
8	3	19	64.6	1034	1337	5.5787	
9	3	18	87.2	1516	1879	6.508721	
10	2	6	77	1647		6.858456	
11	2	17	73.8	1199		7.918822	
12	2	18	97.4	1554		8.002226	
13	3	11	72.3	1672	1814	8.739326	
14	1	6	54.2			9.388239	
15	2	14	86.2	1817		10.277459	
16	1	9	96.5			11.054369	
17	2	15	57.7	1892		11.886088	

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	5681.0, 5677.0, 5339.0, 5465.0, 5552.0, 5532.0, 5335.0, 5369.0, 5296.0, 5590.0, 5543.0, 5568.0, 5431.0, 5410.0, 5595.0, 5421.0, 5710.0, 5472.0, 5536.0, 5467.0, 5530.0, 5273.0, 5466.0, 5355.0, 5345.0, 5322.0, 5405.0, 5601.0, 5627.0, 5478.0, 5443.0, 5522.0, 5459.0, 5646.0, 5413.0, 5261.0, 5363.0, 5397.0, 5479.0, 5508.0, 5686.0, 5464.0, 5636.0, 5525.0, 5384.0, 5385.0, 5416.0, 5507.0, 5370.0, 5657.0, 5439.0, 5718.0, 5619.0, 5426.0, 5629.0, 5559.0, 5625.0, 5446.0, 5721.0, 5481.0, 5428.0, 5357.0, 5337.0, 5452.0, 5691.0, 5348.0, 5628.0, 5356.0, 5328.0, 5429.0, 5602.0, 5615.0, 5647.0, 5419.0, 5538.0, 5473.0, 5574.0, 5374.0, 5403.0, 5441.0, 5476.0, 5342.0, 5295.0, 5488.0, 5544.0, 5550.0, 5430.0, 5317.0, 5510.0, 5362.0, 5605.0, 5455.0, 5389.0, 5477.0, 5314.0, 5698.0, 5297.0, 5365.0, 5520.0, 5569.0 (number of hits: 9)
2	5290	9	1	333	1	5694.0, 5487.0, 5561.0, 5652.0, 5354.0, 5466.0, 5563.0, 5426.0, 5421.0, 5624.0, 5425.0, 5504.0, 5614.0, 5532.0, 5596.0, 5428.0, 5676.0, 5664.0, 5702.0, 5255.0, 5583.0, 5330.0, 5477.0, 5443.0, 5709.0, 5380.0, 5302.0, 5362.0, 5636.0, 5517.0, 5382.0, 5611.0, 5265.0, 5550.0, 5292.0, 5324.0, 5654.0, 5663.0, 5397.0, 5678.0, 5525.0, 5560.0, 5531.0, 5261.0, 5647.0, 5260.0, 5304.0, 5687.0, 5486.0, 5555.0, 5657.0, 5644.0, 5597.0, 5440.0, 5410.0, 5648.0, 5402.0, 5347.0, 5718.0, 5576.0, 5442.0, 5456.0, 5719.0, 5642.0, 5475.0, 5400.0, 5584.0, 5474.0, 5377.0, 5483.0, 5696.0, 5629.0, 5551.0, 5511.0, 5574.0, 5706.0, 5714.0, 5476.0, 5449.0, 5453.0, 5329.0, 5677.0, 5609.0, 5307.0, 5469.0, 5463.0, 5339.0, 5257.0, 5315.0, 5439.0, 5460.0, 5513.0, 5317.0, 5326.0, 5333.0, 5717.0, 5352.0, 5357.0, 5628.0, 5616.0 (number of hits: 14)
3	5290	9	1	333	1	5568.0, 5649.0, 5335.0, 5687.0, 5557.0, 5471.0, 5440.0, 5572.0, 5415.0, 5375.0, 5298.0, 5347.0, 5280.0, 5272.0, 5392.0, 5324.0, 5411.0, 5723.0, 5469.0, 5488.0, 5720.0, 5540.0, 5710.0, 5253.0, 5642.0, 5409.0, 5671.0, 5264.0, 5448.0, 5495.0, 5332.0, 5675.0, 5467.0, 5366.0, 5351.0, 5635.0, 5558.0, 5452.0, 5563.0, 5352.0, 5610.0, 5275.0, 5407.0, 5584.0, 5485.0,

						5449.0, 5685.0, 5483.0, 5484.0, 5670.0, 5543.0, 5300.0, 5538.0, 5322.0, 5601.0, 5489.0, 5659.0, 5390.0, 5400.0, 5579.0, 5259.0, 5377.0, 5698.0, 5265.0, 5502.0, 5303.0, 5633.0, 5432.0, 5410.0, 5622.0, 5256.0, 5546.0, 5605.0, 5553.0, 5680.0, 5666.0, 5662.0, 5341.0, 5490.0, 5486.0, 5481.0, 5340.0, 5423.0, 5414.0, 5724.0, 5346.0, 5294.0, 5384.0, 5595.0, 5419.0, 5456.0, 5513.0, 5709.0, 5548.0, 5465.0, 5453.0, 5412.0, 5470.0, 5318.0, 5581.0 (number of hits: 15)
4	5290	9	1	333	1	5420.0, 5645.0, 5565.0, 5275.0, 5502.0, 5329.0, 5667.0, 5389.0, 5461.0, 5594.0, 5323.0, 5427.0, 5527.0, 5263.0, 5277.0, 5301.0, 5611.0, 5670.0, 5335.0, 5474.0, 5591.0, 5396.0, 5366.0, 5518.0, 5437.0, 5621.0, 5453.0, 5342.0, 5287.0, 5510.0, 5438.0, 5377.0, 5681.0, 5560.0, 5675.0, 5522.0, 5722.0, 5701.0, 5471.0, 5415.0, 5643.0, 5383.0, 5559.0, 5539.0, 5354.0, 5683.0, 5515.0, 5653.0, 5634.0, 5538.0, 5583.0, 5699.0, 5576.0, 5388.0, 5451.0, 5402.0, 5526.0, 5384.0, 5517.0, 5561.0, 5550.0, 5569.0, 5406.0, 5441.0, 5297.0, 5721.0, 5327.0, 5599.0, 5546.0, 5360.0, 5473.0, 5439.0, 5619.0, 5385.0, 5592.0, 5499.0, 5520.0, 5306.0, 5584.0, 5308.0, 5378.0, 5250.0, 5397.0, 5258.0, 5543.0, 5553.0, 5425.0, 5312.0, 5523.0, 5472.0, 5359.0, 5416.0, 5417.0, 5595.0, 5361.0, 5608.0, 5456.0, 5300.0, 5631.0, 5281.0 (number of hits: 16)
5	5290	9	1	333	1	5373.0, 5296.0, 5555.0, 5349.0, 5412.0, 5658.0, 5386.0, 5722.0, 5556.0, 5535.0, 5570.0, 5715.0, 5444.0, 5378.0, 5654.0, 5562.0, 5634.0, 5397.0, 5305.0, 5573.0, 5707.0, 5269.0, 5469.0, 5577.0, 5670.0, 5429.0, 5441.0, 5448.0, 5285.0, 5267.0, 5290.0, 5404.0, 5388.0, 5499.0, 5723.0, 5423.0, 5512.0, 5323.0, 5545.0, 5356.0, 5326.0, 5251.0, 5341.0, 5574.0, 5400.0, 5611.0, 5501.0, 5304.0, 5578.0, 5655.0, 5590.0, 5697.0, 5698.0, 5362.0, 5703.0, 5337.0, 5662.0, 5447.0, 5532.0, 5598.0, 5621.0, 5594.0, 5582.0, 5345.0, 5464.0, 5485.0, 5620.0, 5592.0, 5346.0, 5615.0, 5266.0, 5516.0, 5313.0, 5293.0, 5440.0, 5539.0, 5674.0, 5298.0, 5652.0, 5418.0, 5380.0, 5325.0, 5376.0, 5262.0, 5588.0, 5494.0, 5633.0, 5342.0, 5310.0, 5416.0, 5366.0, 5691.0, 5581.0, 5317.0, 5600.0, 5610.0, 5569.0, 5353.0, 5639.0, 5673.0 (number of hits: 18)
6	5290	9	1	333	1	5714.0, 5518.0, 5673.0, 5343.0, 5269.0, 5270.0, 5590.0, 5375.0, 5275.0, 5549.0, 5684.0, 5261.0, 5378.0, 5470.0, 5666.0,

						5371.0, 5646.0, 5256.0, 5523.0, 5396.0, 5677.0, 5274.0, 5356.0, 5499.0, 5328.0, 5268.0, 5490.0, 5383.0, 5451.0, 5688.0, 5699.0, 5318.0, 5349.0, 5591.0, 5626.0, 5446.0, 5544.0, 5404.0, 5553.0, 5658.0, 5596.0, 5552.0, 5619.0, 5578.0, 5474.0, 5458.0, 5345.0, 5521.0, 5477.0, 5380.0, 5377.0, 5647.0, 5267.0, 5628.0, 5612.0, 5702.0, 5505.0, 5473.0, 5334.0, 5374.0, 5485.0, 5716.0, 5643.0, 5636.0, 5665.0, 5297.0, 5547.0, 5471.0, 5691.0, 5418.0, 5698.0, 5492.0, 5531.0, 5587.0, 5670.0, 5667.0, 5633.0, 5429.0, 5408.0, 5412.0, 5622.0, 5717.0, 5308.0, 5509.0, 5517.0, 5532.0, 5566.0, 5346.0, 5335.0, 5452.0, 5560.0, 5629.0, 5376.0, 5362.0, 5623.0, 5365.0, 5712.0, 5321.0, 5322.0, 5488.0 (number of hits: 14)
7	5290	9	1	333	1	5615.0, 5509.0, 5550.0, 5392.0, 5530.0, 5298.0, 5716.0, 5291.0, 5643.0, 5255.0, 5547.0, 5271.0, 5606.0, 5655.0, 5379.0, 5282.0, 5253.0, 5448.0, 5432.0, 5474.0, 5540.0, 5721.0, 5593.0, 5579.0, 5418.0, 5481.0, 5372.0, 5374.0, 5573.0, 5375.0, 5717.0, 5718.0, 5558.0, 5277.0, 5507.0, 5692.0, 5414.0, 5557.0, 5639.0, 5370.0, 5637.0, 5607.0, 5455.0, 5380.0, 5307.0, 5605.0, 5426.0, 5653.0, 5516.0, 5576.0, 5389.0, 5482.0, 5702.0, 5519.0, 5699.0, 5504.0, 5446.0, 5664.0, 5537.0, 5588.0, 5652.0, 5720.0, 5525.0, 5261.0, 5459.0, 5694.0, 5328.0, 5470.0, 5570.0, 5411.0, 5515.0, 5581.0, 5684.0, 5675.0, 5667.0, 5366.0, 5252.0, 5272.0, 5405.0, 5532.0, 5434.0, 5672.0, 5406.0, 5534.0, 5640.0, 5290.0, 5297.0, 5618.0, 5477.0, 5305.0, 5315.0, 5631.0, 5705.0, 5608.0, 5359.0, 5691.0, 5610.0, 5722.0, 5628.0, 5487.0 (number of hits: 16)
8	5290	9	1	333	1	5705.0, 5412.0, 5580.0, 5303.0, 5292.0, 5262.0, 5565.0, 5511.0, 5323.0, 5650.0, 5682.0, 5500.0, 5357.0, 5672.0, 5362.0, 5509.0, 5268.0, 5596.0, 5405.0, 5557.0, 5534.0, 5444.0, 5540.0, 5353.0, 5282.0, 5619.0, 5385.0, 5255.0, 5460.0, 5399.0, 5597.0, 5319.0, 5724.0, 5275.0, 5266.0, 5335.0, 5503.0, 5536.0, 5482.0, 5618.0, 5486.0, 5324.0, 5473.0, 5265.0, 5281.0, 5464.0, 5692.0, 5409.0, 5648.0, 5556.0, 5507.0, 5339.0, 5684.0, 5474.0, 5358.0, 5505.0, 5608.0, 5698.0, 5636.0, 5483.0, 5431.0, 5337.0, 5617.0, 5718.0, 5497.0, 5294.0, 5632.0, 5408.0, 5676.0, 5270.0, 5533.0, 5436.0, 5588.0, 5697.0, 5351.0, 5553.0, 5382.0, 5704.0, 5675.0, 5721.0, 5419.0, 5657.0, 5428.0, 5481.0, 5590.0, 5329.0, 5535.0, 5342.0, 5570.0, 5446.0,

						5719.0, 5434.0, 5512.0, 5679.0, 5311.0, 5583.0, 5605.0, 5326.0, 5510.0, 5584.0 (number of hits: 18)
9	5290	9	1	333	1	5698.0, 5443.0, 5530.0, 5597.0, 5274.0, 5375.0, 5624.0, 5637.0, 5601.0, 5611.0, 5509.0, 5481.0, 5555.0, 5508.0, 5435.0, 5325.0, 5719.0, 5569.0, 5406.0, 5447.0, 5348.0, 5646.0, 5702.0, 5457.0, 5645.0, 5644.0, 5306.0, 5600.0, 5622.0, 5303.0, 5262.0, 5449.0, 5556.0, 5617.0, 5349.0, 5652.0, 5549.0, 5554.0, 5410.0, 5307.0, 5528.0, 5632.0, 5272.0, 5503.0, 5641.0, 5594.0, 5585.0, 5454.0, 5287.0, 5313.0, 5598.0, 5670.0, 5299.0, 5407.0, 5714.0, 5468.0, 5596.0, 5599.0, 5275.0, 5537.0, 5615.0, 5370.0, 5460.0, 5310.0, 5535.0, 5710.0, 5259.0, 5669.0, 5650.0, 5353.0, 5305.0, 5546.0, 5290.0, 5360.0, 5716.0, 5692.0, 5288.0, 5565.0, 5656.0, 5486.0, 5705.0, 5583.0, 5316.0, 5379.0, 5478.0, 5527.0, 5382.0, 5280.0, 5264.0, 5722.0, 5291.0, 5371.0, 5653.0, 5589.0, 5525.0, 5485.0, 5278.0, 5362.0, 5619.0, 5458.0 (number of hits: 21)
10	5290	9	1	333	1	5685.0, 5602.0, 5366.0, 5443.0, 5278.0, 5567.0, 5653.0, 5555.0, 5665.0, 5407.0, 5439.0, 5529.0, 5291.0, 5608.0, 5318.0, 5266.0, 5330.0, 5453.0, 5397.0, 5722.0, 5314.0, 5473.0, 5385.0, 5711.0, 5697.0, 5694.0, 5573.0, 5610.0, 5566.0, 5431.0, 5308.0, 5639.0, 5391.0, 5474.0, 5352.0, 5441.0, 5367.0, 5571.0, 5670.0, 5503.0, 5254.0, 5480.0, 5259.0, 5495.0, 5542.0, 5681.0, 5485.0, 5564.0, 5716.0, 5613.0, 5380.0, 5426.0, 5601.0, 5651.0, 5498.0, 5675.0, 5621.0, 5541.0, 5327.0, 5586.0, 5583.0, 5525.0, 5528.0, 5470.0, 5277.0, 5306.0, 5658.0, 5513.0, 5655.0, 5432.0, 5386.0, 5361.0, 5416.0, 5514.0, 5596.0, 5702.0, 5373.0, 5493.0, 5563.0, 5333.0, 5379.0, 5657.0, 5302.0, 5362.0, 5569.0, 5360.0, 5517.0, 5445.0, 5442.0, 5424.0, 5627.0, 5263.0, 5256.0, 5323.0, 5618.0, 5638.0, 5446.0, 5404.0, 5663.0, 5311.0 (number of hits: 16)
11	5290	9	1	333	1	5395.0, 5618.0, 5403.0, 5514.0, 5699.0, 5658.0, 5534.0, 5645.0, 5410.0, 5607.0, 5415.0, 5537.0, 5461.0, 5374.0, 5636.0, 5310.0, 5695.0, 5532.0, 5692.0, 5296.0, 5350.0, 5347.0, 5557.0, 5491.0, 5670.0, 5665.0, 5282.0, 5720.0, 5651.0, 5260.0, 5405.0, 5288.0, 5255.0, 5613.0, 5541.0, 5435.0, 5339.0, 5505.0, 5419.0, 5510.0, 5502.0, 5526.0, 5334.0, 5418.0, 5357.0, 5381.0, 5485.0, 5252.0, 5509.0, 5511.0, 5340.0, 5290.0, 5280.0, 5295.0, 5663.0, 5527.0, 5471.0, 5416.0, 5594.0, 5512.0,

						5327.0, 5341.0, 5361.0, 5401.0, 5700.0, 5584.0, 5411.0, 5480.0, 5417.0, 5495.0, 5577.0, 5506.0, 5253.0, 5427.0, 5627.0, 5674.0, 5488.0, 5472.0, 5371.0, 5440.0, 5688.0, 5560.0, 5394.0, 5697.0, 5533.0, 5680.0, 5624.0, 5383.0, 5694.0, 5300.0, 5382.0, 5685.0, 5373.0, 5483.0, 5318.0, 5264.0, 5599.0, 5314.0, 5424.0, 5391.0 (number of hits: 16)
12	5290	9	1	333	1	5432.0, 5658.0, 5428.0, 5364.0, 5634.0, 5708.0, 5518.0, 5300.0, 5460.0, 5631.0, 5567.0, 5538.0, 5680.0, 5436.0, 5498.0, 5587.0, 5269.0, 5377.0, 5376.0, 5370.0, 5348.0, 5319.0, 5610.0, 5496.0, 5614.0, 5659.0, 5588.0, 5335.0, 5438.0, 5576.0, 5514.0, 5365.0, 5564.0, 5663.0, 5542.0, 5619.0, 5565.0, 5352.0, 5724.0, 5643.0, 5709.0, 5478.0, 5582.0, 5695.0, 5654.0, 5389.0, 5315.0, 5465.0, 5431.0, 5683.0, 5609.0, 5459.0, 5533.0, 5384.0, 5513.0, 5505.0, 5602.0, 5444.0, 5260.0, 5258.0, 5578.0, 5479.0, 5394.0, 5366.0, 5519.0, 5697.0, 5424.0, 5707.0, 5488.0, 5528.0, 5457.0, 5271.0, 5665.0, 5621.0, 5607.0, 5507.0, 5589.0, 5572.0, 5501.0, 5396.0, 5559.0, 5535.0, 5419.0, 5434.0, 5723.0, 5563.0, 5568.0, 5483.0, 5327.0, 5608.0, 5435.0, 5594.0, 5388.0, 5368.0, 5549.0, 5440.0, 5603.0, 5463.0, 5526.0, 5333.0 (number of hits: 8)
13	5290	9	1	333	1	5677.0, 5277.0, 5325.0, 5267.0, 5711.0, 5296.0, 5659.0, 5328.0, 5274.0, 5630.0, 5536.0, 5439.0, 5482.0, 5654.0, 5692.0, 5596.0, 5524.0, 5662.0, 5653.0, 5465.0, 5395.0, 5700.0, 5282.0, 5634.0, 5667.0, 5533.0, 5648.0, 5638.0, 5548.0, 5460.0, 5340.0, 5701.0, 5534.0, 5309.0, 5594.0, 5360.0, 5602.0, 5299.0, 5515.0, 5574.0, 5521.0, 5622.0, 5565.0, 5693.0, 5484.0, 5509.0, 5278.0, 5350.0, 5457.0, 5567.0, 5343.0, 5411.0, 5668.0, 5571.0, 5550.0, 5671.0, 5302.0, 5614.0, 5399.0, 5717.0, 5469.0, 5264.0, 5370.0, 5519.0, 5285.0, 5471.0, 5636.0, 5503.0, 5453.0, 5392.0, 5363.0, 5421.0, 5403.0, 5305.0, 5590.0, 5642.0, 5334.0, 5454.0, 5253.0, 5269.0, 5686.0, 5368.0, 5270.0, 5312.0, 5709.0, 5479.0, 5504.0, 5597.0, 5617.0, 5599.0, 5467.0, 5706.0, 5342.0, 5327.0, 5440.0, 5388.0, 5613.0, 5357.0, 5582.0, 5252.0 (number of hits: 20)
14	5290	9	1	333	1	5359.0, 5660.0, 5607.0, 5370.0, 5650.0, 5361.0, 5628.0, 5302.0, 5656.0, 5724.0, 5538.0, 5512.0, 5596.0, 5580.0, 5331.0, 5570.0, 5392.0, 5537.0, 5502.0, 5261.0, 5255.0, 5254.0, 5586.0, 5423.0, 5518.0, 5616.0, 5487.0, 5252.0, 5532.0, 5437.0,

						5322.0, 5658.0, 5436.0, 5347.0, 5470.0, 5402.0, 5483.0, 5581.0, 5672.0, 5633.0, 5376.0, 5494.0, 5451.0, 5507.0, 5467.0, 5624.0, 5702.0, 5564.0, 5520.0, 5577.0, 5283.0, 5547.0, 5665.0, 5276.0, 5299.0, 5425.0, 5723.0, 5297.0, 5280.0, 5572.0, 5603.0, 5716.0, 5480.0, 5460.0, 5362.0, 5292.0, 5613.0, 5446.0, 5668.0, 5614.0, 5591.0, 5618.0, 5649.0, 5260.0, 5574.0, 5458.0, 5473.0, 5286.0, 5304.0, 5429.0, 5610.0, 5506.0, 5449.0, 5595.0, 5584.0, 5270.0, 5501.0, 5289.0, 5295.0, 5528.0, 5521.0, 5644.0, 5321.0, 5563.0, 5474.0, 5667.0, 5635.0, 5337.0, 5641.0, 5697.0 (number of hits: 19)
15	5290	9	1	333	1	5331.0, 5341.0, 5594.0, 5309.0, 5500.0, 5384.0, 5375.0, 5333.0, 5478.0, 5677.0, 5503.0, 5609.0, 5382.0, 5553.0, 5664.0, 5278.0, 5697.0, 5659.0, 5719.0, 5671.0, 5569.0, 5487.0, 5377.0, 5436.0, 5653.0, 5638.0, 5540.0, 5684.0, 5646.0, 5459.0, 5466.0, 5519.0, 5435.0, 5448.0, 5531.0, 5429.0, 5722.0, 5475.0, 5447.0, 5440.0, 5511.0, 5344.0, 5683.0, 5441.0, 5718.0, 5701.0, 5264.0, 5378.0, 5305.0, 5432.0, 5299.0, 5417.0, 5720.0, 5339.0, 5348.0, 5637.0, 5626.0, 5566.0, 5471.0, 5397.0, 5657.0, 5329.0, 5706.0, 5425.0, 5287.0, 5579.0, 5485.0, 5708.0, 5690.0, 5461.0, 5612.0, 5470.0, 5391.0, 5419.0, 5376.0, 5629.0, 5669.0, 5620.0, 5295.0, 5402.0, 5372.0, 5636.0, 5673.0, 5523.0, 5292.0, 5599.0, 5374.0, 5370.0, 5252.0, 5320.0, 5296.0, 5274.0, 5326.0, 5651.0, 5259.0, 5437.0, 5373.0, 5570.0, 5596.0, 5433.0 (number of hits: 15)
16	5290	9	1	333	1	5602.0, 5365.0, 5443.0, 5463.0, 5647.0, 5470.0, 5612.0, 5582.0, 5263.0, 5302.0, 5523.0, 5344.0, 5313.0, 5682.0, 5368.0, 5566.0, 5451.0, 5553.0, 5275.0, 5319.0, 5584.0, 5690.0, 5696.0, 5692.0, 5559.0, 5636.0, 5343.0, 5500.0, 5533.0, 5481.0, 5459.0, 5424.0, 5557.0, 5634.0, 5534.0, 5383.0, 5450.0, 5637.0, 5478.0, 5431.0, 5519.0, 5699.0, 5541.0, 5381.0, 5688.0, 5316.0, 5607.0, 5434.0, 5469.0, 5362.0, 5364.0, 5261.0, 5600.0, 5716.0, 5309.0, 5568.0, 5671.0, 5645.0, 5475.0, 5406.0, 5298.0, 5595.0, 5625.0, 5480.0, 5679.0, 5341.0, 5311.0, 5294.0, 5259.0, 5631.0, 5455.0, 5367.0, 5366.0, 5400.0, 5605.0, 5564.0, 5573.0, 5317.0, 5369.0, 5374.0, 5556.0, 5651.0, 5321.0, 5318.0, 5376.0, 5531.0, 5379.0, 5709.0, 5528.0, 5512.0, 5338.0, 5442.0, 5461.0, 5296.0, 5650.0, 5476.0, 5454.0, 5513.0, 5380.0, 5510.0 (number of hits: 16)

17	5290	9	1	333	1	5468.0, 5616.0, 5467.0, 5524.0, 5687.0, 5320.0, 5570.0, 5489.0, 5409.0, 5581.0, 5457.0, 5629.0, 5281.0, 5358.0, 5646.0, 5525.0, 5423.0, 5272.0, 5609.0, 5378.0, 5571.0, 5719.0, 5608.0, 5327.0, 5718.0, 5286.0, 5325.0, 5343.0, 5588.0, 5699.0, 5304.0, 5255.0, 5334.0, 5350.0, 5305.0, 5669.0, 5503.0, 5333.0, 5297.0, 5549.0, 5707.0, 5539.0, 5369.0, 5324.0, 5636.0, 5553.0, 5674.0, 5276.0, 5554.0, 5610.0, 5347.0, 5389.0, 5418.0, 5641.0, 5587.0, 5619.0, 5691.0, 5290.0, 5643.0, 5464.0, 5471.0, 5270.0, 5494.0, 5355.0, 5445.0, 5361.0, 5580.0, 5261.0, 5523.0, 5542.0, 5544.0, 5709.0, 5487.0, 5284.0, 5713.0, 5441.0, 5612.0, 5280.0, 5480.0, 5534.0, 5535.0, 5538.0, 5546.0, 5562.0, 5462.0, 5429.0, 5342.0, 5708.0, 5681.0, 5651.0, 5257.0, 5685.0, 5621.0, 5639.0, 5564.0, 5427.0, 5387.0, 5404.0, 5398.0, 5344.0 (number of hits: 18)
18	5290	9	1	333	1	5421.0, 5414.0, 5568.0, 5678.0, 5616.0, 5673.0, 5596.0, 5306.0, 5551.0, 5566.0, 5564.0, 5533.0, 5539.0, 5640.0, 5642.0, 5633.0, 5336.0, 5684.0, 5628.0, 5688.0, 5478.0, 5672.0, 5309.0, 5530.0, 5534.0, 5579.0, 5514.0, 5329.0, 5392.0, 5271.0, 5664.0, 5303.0, 5474.0, 5617.0, 5413.0, 5537.0, 5656.0, 5501.0, 5305.0, 5588.0, 5442.0, 5282.0, 5719.0, 5312.0, 5546.0, 5468.0, 5273.0, 5253.0, 5373.0, 5431.0, 5597.0, 5314.0, 5591.0, 5429.0, 5502.0, 5510.0, 5405.0, 5432.0, 5639.0, 5484.0, 5430.0, 5290.0, 5668.0, 5620.0, 5437.0, 5683.0, 5602.0, 5316.0, 5543.0, 5363.0, 5367.0, 5625.0, 5349.0, 5531.0, 5252.0, 5362.0, 5627.0, 5447.0, 5415.0, 5453.0, 5649.0, 5570.0, 5674.0, 5315.0, 5396.0, 5527.0, 5594.0, 5331.0, 5406.0, 5557.0, 5419.0, 5632.0, 5454.0, 5574.0, 5517.0, 5269.0, 5599.0, 5556.0, 5661.0, 5653.0 (number of hits: 16)
19	5290	9	1	333	1	5359.0, 5302.0, 5327.0, 5380.0, 5494.0, 5522.0, 5368.0, 5719.0, 5518.0, 5490.0, 5654.0, 5483.0, 5642.0, 5677.0, 5705.0, 5701.0, 5539.0, 5667.0, 5396.0, 5303.0, 5593.0, 5607.0, 5479.0, 5364.0, 5338.0, 5350.0, 5297.0, 5574.0, 5588.0, 5469.0, 5710.0, 5385.0, 5468.0, 5316.0, 5258.0, 5256.0, 5306.0, 5389.0, 5366.0, 5692.0, 5541.0, 5584.0, 5267.0, 5307.0, 5322.0, 5323.0, 5699.0, 5252.0, 5530.0, 5392.0, 5343.0, 5505.0, 5614.0, 5312.0, 5562.0, 5459.0, 5447.0, 5285.0, 5658.0, 5360.0, 5408.0, 5472.0, 5511.0, 5581.0, 5401.0, 5324.0, 5651.0, 5571.0, 5286.0, 5632.0, 5289.0, 5320.0, 5275.0, 5414.0, 5646.0,

						5626.0, 5386.0, 5625.0, 5653.0, 5477.0, 5420.0, 5559.0, 5461.0, 5296.0, 5712.0, 5411.0, 5495.0, 5454.0, 5573.0, 5436.0, 5372.0, 5356.0, 5448.0, 5325.0, 5293.0, 5266.0, 5510.0, 5268.0, 5603.0, 5488.0 (number of hits: 25)
20	5290	9	1	333	1	5615.0, 5705.0, 5681.0, 5284.0, 5432.0, 5330.0, 5396.0, 5455.0, 5443.0, 5703.0, 5624.0, 5534.0, 5715.0, 5389.0, 5676.0, 5496.0, 5563.0, 5386.0, 5339.0, 5487.0, 5698.0, 5524.0, 5522.0, 5536.0, 5628.0, 5588.0, 5630.0, 5358.0, 5647.0, 5431.0, 5291.0, 5388.0, 5558.0, 5555.0, 5481.0, 5421.0, 5578.0, 5636.0, 5445.0, 5661.0, 5259.0, 5720.0, 5254.0, 5367.0, 5491.0, 5430.0, 5353.0, 5652.0, 5337.0, 5710.0, 5613.0, 5408.0, 5441.0, 5459.0, 5349.0, 5253.0, 5650.0, 5574.0, 5347.0, 5299.0, 5427.0, 5354.0, 5666.0, 5523.0, 5704.0, 5359.0, 5633.0, 5696.0, 5343.0, 5621.0, 5295.0, 5503.0, 5568.0, 5620.0, 5391.0, 5575.0, 5680.0, 5623.0, 5287.0, 5275.0, 5267.0, 5501.0, 5641.0, 5348.0, 5368.0, 5470.0, 5422.0, 5543.0, 5383.0, 5461.0, 5577.0, 5654.0, 5303.0, 5446.0, 5571.0, 5610.0, 5390.0, 5668.0, 5678.0, 5593.0 (number of hits: 11)
21	5290	9	1	333	1	5318.0, 5551.0, 5662.0, 5575.0, 5625.0, 5528.0, 5671.0, 5590.0, 5328.0, 5520.0, 5510.0, 5589.0, 5715.0, 5711.0, 5489.0, 5563.0, 5288.0, 5608.0, 5342.0, 5416.0, 5555.0, 5381.0, 5357.0, 5533.0, 5530.0, 5712.0, 5514.0, 5606.0, 5622.0, 5310.0, 5496.0, 5714.0, 5474.0, 5305.0, 5567.0, 5316.0, 5356.0, 5494.0, 5283.0, 5280.0, 5369.0, 5320.0, 5609.0, 5508.0, 5361.0, 5582.0, 5653.0, 5370.0, 5584.0, 5418.0, 5560.0, 5516.0, 5476.0, 5522.0, 5252.0, 5534.0, 5289.0, 5405.0, 5507.0, 5579.0, 5470.0, 5440.0, 5458.0, 5669.0, 5607.0, 5683.0, 5492.0, 5399.0, 5612.0, 5410.0, 5503.0, 5587.0, 5719.0, 5329.0, 5434.0, 5336.0, 5713.0, 5556.0, 5391.0, 5485.0, 5341.0, 5343.0, 5664.0, 5339.0, 5689.0, 5353.0, 5660.0, 5298.0, 5385.0, 5657.0, 5377.0, 5261.0, 5557.0, 5425.0, 5542.0, 5301.0, 5620.0, 5493.0, 5275.0, 5421.0 (number of hits: 16)
22	5290	9	1	333	1	5601.0, 5663.0, 5422.0, 5695.0, 5546.0, 5414.0, 5354.0, 5378.0, 5346.0, 5518.0, 5351.0, 5385.0, 5417.0, 5455.0, 5321.0, 5543.0, 5690.0, 5571.0, 5509.0, 5658.0, 5275.0, 5470.0, 5412.0, 5258.0, 5409.0, 5686.0, 5651.0, 5511.0, 5627.0, 5583.0, 5582.0, 5311.0, 5485.0, 5394.0, 5608.0, 5631.0, 5371.0, 5250.0, 5721.0, 5451.0, 5579.0, 5380.0, 5645.0, 5284.0, 5555.0,

						5389.0, 5278.0, 5467.0, 5407.0, 5334.0, 5712.0, 5491.0, 5593.0, 5341.0, 5261.0, 5600.0, 5526.0, 5634.0, 5360.0, 5532.0, 5426.0, 5287.0, 5641.0, 5319.0, 5307.0, 5392.0, 5361.0, 5548.0, 5527.0, 5444.0, 5460.0, 5454.0, 5687.0, 5264.0, 5283.0, 5291.0, 5463.0, 5280.0, 5305.0, 5477.0, 5376.0, 5713.0, 5716.0, 5598.0, 5694.0, 5356.0, 5431.0, 5685.0, 5317.0, 5326.0, 5492.0, 5561.0, 5365.0, 5440.0, 5615.0, 5504.0, 5332.0, 5471.0, 5679.0, 5325.0 (number of hits: 19)
23	5290	9	1	333	1	5499.0, 5314.0, 5285.0, 5715.0, 5484.0, 5576.0, 5362.0, 5343.0, 5255.0, 5588.0, 5476.0, 5550.0, 5433.0, 5383.0, 5564.0, 5302.0, 5642.0, 5701.0, 5641.0, 5397.0, 5468.0, 5670.0, 5639.0, 5597.0, 5281.0, 5461.0, 5349.0, 5586.0, 5723.0, 5551.0, 5310.0, 5513.0, 5646.0, 5521.0, 5575.0, 5408.0, 5692.0, 5457.0, 5685.0, 5289.0, 5548.0, 5396.0, 5667.0, 5330.0, 5359.0, 5453.0, 5532.0, 5536.0, 5522.0, 5611.0, 5707.0, 5416.0, 5320.0, 5614.0, 5526.0, 5388.0, 5558.0, 5655.0, 5547.0, 5483.0, 5389.0, 5371.0, 5647.0, 5425.0, 5452.0, 5459.0, 5687.0, 5601.0, 5668.0, 5263.0, 5681.0, 5448.0, 5555.0, 5568.0, 5676.0, 5549.0, 5565.0, 5696.0, 5325.0, 5375.0, 5270.0, 5426.0, 5392.0, 5406.0, 5303.0, 5378.0, 5287.0, 5491.0, 5524.0, 5475.0, 5419.0, 5436.0, 5258.0, 5280.0, 5454.0, 5626.0, 5471.0, 5442.0, 5340.0, 5379.0 (number of hits: 15)
24	5290	9	1	333	1	5582.0, 5723.0, 5423.0, 5458.0, 5322.0, 5653.0, 5290.0, 5305.0, 5568.0, 5314.0, 5499.0, 5302.0, 5496.0, 5326.0, 5476.0, 5501.0, 5427.0, 5722.0, 5652.0, 5650.0, 5589.0, 5620.0, 5297.0, 5432.0, 5518.0, 5609.0, 5710.0, 5491.0, 5382.0, 5541.0, 5498.0, 5377.0, 5465.0, 5509.0, 5478.0, 5370.0, 5552.0, 5700.0, 5356.0, 5292.0, 5288.0, 5570.0, 5386.0, 5384.0, 5318.0, 5717.0, 5443.0, 5298.0, 5712.0, 5406.0, 5677.0, 5262.0, 5600.0, 5529.0, 5506.0, 5357.0, 5486.0, 5404.0, 5605.0, 5612.0, 5278.0, 5472.0, 5312.0, 5339.0, 5576.0, 5408.0, 5621.0, 5282.0, 5611.0, 5321.0, 5583.0, 5453.0, 5690.0, 5519.0, 5536.0, 5294.0, 5678.0, 5441.0, 5265.0, 5550.0, 5560.0, 5587.0, 5502.0, 5549.0, 5507.0, 5477.0, 5455.0, 5629.0, 5490.0, 5348.0, 5706.0, 5553.0, 5718.0, 5520.0, 5689.0, 5577.0, 5640.0, 5461.0, 5345.0, 5439.0 (number of hits: 18)
25	5290	9	1	333	1	5557.0, 5365.0, 5335.0, 5460.0, 5293.0, 5386.0, 5338.0, 5677.0, 5475.0, 5383.0, 5720.0, 5276.0, 5387.0, 5305.0, 5496.0,

						5575.0, 5619.0, 5698.0, 5607.0, 5464.0, 5351.0, 5366.0, 5298.0, 5674.0, 5595.0, 5680.0, 5701.0, 5635.0, 5291.0, 5401.0, 5414.0, 5664.0, 5535.0, 5416.0, 5434.0, 5547.0, 5502.0, 5532.0, 5711.0, 5671.0, 5363.0, 5457.0, 5670.0, 5511.0, 5507.0, 5378.0, 5310.0, 5415.0, 5364.0, 5463.0, 5455.0, 5426.0, 5467.0, 5439.0, 5390.0, 5300.0, 5689.0, 5458.0, 5377.0, 5318.0, 5459.0, 5441.0, 5251.0, 5446.0, 5685.0, 5660.0, 5302.0, 5686.0, 5263.0, 5526.0, 5617.0, 5419.0, 5253.0, 5645.0, 5453.0, 5520.0, 5482.0, 5605.0, 5316.0, 5267.0, 5630.0, 5406.0, 5558.0, 5461.0, 5565.0, 5465.0, 5675.0, 5299.0, 5531.0, 5515.0, 5665.0, 5537.0, 5402.0, 5262.0, 5618.0, 5644.0, 5394.0, 5345.0, 5317.0, 5536.0 (number of hits: 17)
26	5290	9	1	333	1	5607.0, 5575.0, 5367.0, 5429.0, 5551.0, 5682.0, 5547.0, 5381.0, 5617.0, 5526.0, 5396.0, 5589.0, 5539.0, 5571.0, 5464.0, 5474.0, 5470.0, 5640.0, 5556.0, 5616.0, 5587.0, 5685.0, 5483.0, 5658.0, 5343.0, 5553.0, 5611.0, 5364.0, 5428.0, 5444.0, 5689.0, 5615.0, 5602.0, 5480.0, 5398.0, 5549.0, 5413.0, 5722.0, 5590.0, 5627.0, 5518.0, 5473.0, 5262.0, 5560.0, 5316.0, 5688.0, 5588.0, 5404.0, 5630.0, 5655.0, 5565.0, 5286.0, 5638.0, 5648.0, 5552.0, 5672.0, 5691.0, 5409.0, 5637.0, 5521.0, 5477.0, 5618.0, 5620.0, 5335.0, 5546.0, 5605.0, 5446.0, 5461.0, 5684.0, 5706.0, 5419.0, 5290.0, 5659.0, 5686.0, 5303.0, 5298.0, 5643.0, 5308.0, 5690.0, 5698.0, 5321.0, 5418.0, 5719.0, 5531.0, 5383.0, 5265.0, 5548.0, 5534.0, 5712.0, 5293.0, 5422.0, 5449.0, 5579.0, 5703.0, 5459.0, 5498.0, 5716.0, 5273.0, 5536.0, 5628.0 (number of hits: 11)
27	5290	9	1	333	1	5262.0, 5482.0, 5404.0, 5424.0, 5258.0, 5265.0, 5319.0, 5594.0, 5542.0, 5499.0, 5303.0, 5628.0, 5648.0, 5650.0, 5442.0, 5283.0, 5357.0, 5481.0, 5705.0, 5376.0, 5569.0, 5698.0, 5492.0, 5538.0, 5378.0, 5672.0, 5597.0, 5367.0, 5599.0, 5534.0, 5550.0, 5617.0, 5613.0, 5327.0, 5320.0, 5472.0, 5703.0, 5657.0, 5253.0, 5714.0, 5287.0, 5561.0, 5620.0, 5636.0, 5280.0, 5602.0, 5352.0, 5420.0, 5533.0, 5425.0, 5450.0, 5519.0, 5444.0, 5250.0, 5432.0, 5539.0, 5469.0, 5670.0, 5371.0, 5268.0, 5401.0, 5662.0, 5680.0, 5690.0, 5264.0, 5374.0, 5679.0, 5310.0, 5551.0, 5350.0, 5359.0, 5467.0, 5710.0, 5692.0, 5348.0, 5440.0, 5259.0, 5629.0, 5289.0, 5466.0, 5441.0, 5585.0, 5399.0, 5496.0, 5422.0, 5461.0, 5502.0, 5525.0, 5623.0, 5697.0,

						5641.0, 5435.0, 5591.0, 5343.0, 5315.0, 5423.0, 5360.0, 5668.0, 5527.0, 5473.0 (number of hits: 18)
28	5290	9	1	333	1	5420.0, 5286.0, 5327.0, 5609.0, 5481.0, 5608.0, 5527.0, 5313.0, 5301.0, 5318.0, 5613.0, 5633.0, 5425.0, 5533.0, 5601.0, 5284.0, 5612.0, 5517.0, 5303.0, 5266.0, 5680.0, 5466.0, 5611.0, 5275.0, 5616.0, 5687.0, 5462.0, 5344.0, 5606.0, 5480.0, 5357.0, 5528.0, 5526.0, 5390.0, 5654.0, 5556.0, 5469.0, 5543.0, 5434.0, 5508.0, 5495.0, 5277.0, 5324.0, 5402.0, 5541.0, 5455.0, 5383.0, 5339.0, 5681.0, 5690.0, 5588.0, 5255.0, 5280.0, 5659.0, 5514.0, 5593.0, 5300.0, 5309.0, 5693.0, 5566.0, 5493.0, 5498.0, 5544.0, 5677.0, 5591.0, 5663.0, 5703.0, 5673.0, 5321.0, 5270.0, 5451.0, 5443.0, 5265.0, 5614.0, 5458.0, 5630.0, 5333.0, 5523.0, 5387.0, 5692.0, 5644.0, 5672.0, 5332.0, 5638.0, 5637.0, 5315.0, 5413.0, 5657.0, 5671.0, 5679.0, 5302.0, 5596.0, 5314.0, 5548.0, 5418.0, 5600.0, 5589.0, 5438.0, 5453.0, 5572.0 (number of hits: 21)
29	5290	9	1	333	1	5697.0, 5708.0, 5550.0, 5458.0, 5325.0, 5455.0, 5300.0, 5667.0, 5341.0, 5561.0, 5564.0, 5530.0, 5385.0, 5607.0, 5353.0, 5352.0, 5376.0, 5488.0, 5292.0, 5324.0, 5368.0, 5549.0, 5502.0, 5377.0, 5496.0, 5446.0, 5569.0, 5533.0, 5254.0, 5518.0, 5718.0, 5715.0, 5659.0, 5471.0, 5410.0, 5403.0, 5459.0, 5710.0, 5570.0, 5702.0, 5706.0, 5682.0, 5378.0, 5337.0, 5541.0, 5562.0, 5262.0, 5683.0, 5602.0, 5627.0, 5306.0, 5434.0, 5321.0, 5652.0, 5362.0, 5293.0, 5287.0, 5534.0, 5588.0, 5401.0, 5360.0, 5380.0, 5616.0, 5263.0, 5576.0, 5554.0, 5699.0, 5473.0, 5481.0, 5456.0, 5566.0, 5626.0, 5301.0, 5505.0, 5317.0, 5375.0, 5433.0, 5305.0, 5545.0, 5590.0, 5598.0, 5364.0, 5546.0, 5691.0, 5355.0, 5250.0, 5558.0, 5539.0, 5309.0, 5684.0, 5342.0, 5316.0, 5259.0, 5707.0, 5442.0, 5444.0, 5381.0, 5328.0, 5635.0, 5508.0 (number of hits: 19)
30	5290	9	1	333	1	5593.0, 5372.0, 5651.0, 5625.0, 5279.0, 5699.0, 5519.0, 5461.0, 5387.0, 5407.0, 5555.0, 5637.0, 5316.0, 5390.0, 5689.0, 5415.0, 5503.0, 5408.0, 5400.0, 5584.0, 5720.0, 5464.0, 5638.0, 5374.0, 5420.0, 5717.0, 5534.0, 5335.0, 5459.0, 5428.0, 5621.0, 5687.0, 5562.0, 5435.0, 5270.0, 5632.0, 5723.0, 5518.0, 5654.0, 5434.0, 5665.0, 5509.0, 5471.0, 5438.0, 5269.0, 5596.0, 5417.0, 5426.0, 5405.0, 5257.0, 5254.0, 5663.0, 5328.0, 5646.0, 5363.0, 5289.0, 5639.0, 5411.0, 5430.0, 5705.0,

						5686.0, 5556.0, 5700.0, 5432.0, 5604.0, 5563.0, 5544.0, 5608.0, 5398.0, 5607.0, 5448.0, 5275.0, 5520.0, 5252.0, 5466.0, 5624.0, 5478.0, 5576.0, 5251.0, 5352.0, 5450.0, 5366.0, 5709.0, 5339.0, 5331.0, 5483.0, 5376.0, 5532.0, 5310.0, 5355.0, 5516.0, 5476.0, 5452.0, 5258.0, 5370.0, 5551.0, 5439.0, 5599.0, 5265.0, 5465.0 (number of hits: 14)

5530 MHz, 80 MHz Bandwidth

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

Please refer to the following statistical tables:

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

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (μS)	PRI (μs)	Detection (1:yes; 0:no)
1	5530	74	1	718	1
2	5530	89	1	598	1
3	5530	70	1	758	1
4	5530	67	1	798	1
5	5530	18	1	3066	1
6	5530	78	1	678	1
7	5530	76	1	698	1
8	5530	65	1	818	1
9	5530	99	1	538	1
10	5530	83	1	638	1
11	5530	92	1	578	1
12	5530	59	1	898	1
13	5530	72	1	738	1
14	5530	57	1	938	1
15	5530	61	1	878	1
16	5530	20	1	2763	1
17	5530	39	1	1355	1
18	5530	28	1	1954	1
19	5530	26	1	2106	1
20	5530	18	1	2942	1
21	5530	40	1	1340	1
22	5530	20	1	2714	1
23	5530	32	1	1663	1
24	5530	18	1	3039	1
25	5530	68	1	780	1
26	5530	19	1	2883	1
27	5530	22	1	2507	1
28	5530	26	1	2062	1
29	5530	18	1	2994	1
30	5530	21	1	2555	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5530	24	2.2	191	1
2	5530	27	2.2	191	1
3	5530	28	4.4	190	1
4	5530	29	3.6	202	1
5	5530	29	4.2	163	1
6	5530	27	3.7	161	1
7	5530	28	1.6	161	1
8	5530	27	2.8	181	1
9	5530	29	2	218	1
10	5530	23	5	183	1
11	5530	26	4.7	224	1
12	5530	27	3.8	155	1
13	5530	26	1.2	197	1
14	5530	24	2.5	185	1
15	5530	23	2.2	168	1
16	5530	24	3.6	158	1
17	5530	28	2.1	202	1
18	5530	29	3.2	198	1
19	5530	25	1.7	194	1
20	5530	26	2.5	185	1
21	5530	23	1.9	194	1
22	5530	25	2	221	1
23	5530	25	1.5	198	1
24	5530	26	3.4	203	1
25	5530	28	3.3	163	1
26	5530	26	3.8	211	1
27	5530	28	3	154	1
28	5530	28	1.8	214	1
29	5530	26	4.2	190	1
30	5530	24	1.2	173	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	16	9.7	391	1
2	5530	16	8.2	311	1
3	5530	18	8	491	1
4	5530	18	6.5	440	1
5	5530	17	10	230	1
6	5530	16	7.7	441	1
7	5530	17	6.7	218	1
8	5530	16	6.3	224	1
9	5530	17	8.7	228	1
10	5530	17	8.4	370	1
11	5530	16	9.8	467	1
12	5530	16	7.3	228	1
13	5530	16	7.8	356	1
14	5530	17	9.5	303	1
15	5530	17	7.2	223	1
16	5530	18	8.6	480	1
17	5530	17	7.6	251	1
18	5530	16	8.3	415	1
19	5530	16	6.8	211	1
20	5530	16	8	363	1
21	5530	18	9.3	352	1
22	5530	16	8.9	212	1
23	5530	17	9.1	263	1
24	5530	17	8.7	271	1
25	5530	16	9.6	200	1
26	5530	17	6.7	306	1
27	5530	17	8	276	1
28	5530	16	9.3	313	1
29	5530	16	9.7	219	1
30	5530	17	9.2	246	1
Detection Percentage: 100 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5530	12	13.3	230	1
2	5530	12	11	459	1
3	5530	15	18.7	406	1
4	5530	15	17	475	1
5	5530	14	15.2	427	1
6	5530	13	16.7	284	1
7	5530	12	15.4	416	1
8	5530	12	17.4	216	1
9	5530	13	18.6	396	1
10	5530	14	18.5	321	1
11	5530	16	16	410	1
12	5530	12	17.2	403	1
13	5530	16	15.8	481	1
14	5530	14	16	348	1
15	5530	12	13.9	272	1
16	5530	13	11.4	333	1
17	5530	15	12	479	1
18	5530	14	13.1	317	1
19	5530	16	12	461	1
20	5530	12	12.5	435	1
21	5530	15	13	223	1
22	5530	12	14.2	299	1
23	5530	13	16	495	1
24	5530	16	17.1	252	1
25	5530	13	14.2	341	1
26	5530	15	17.7	454	1
27	5530	14	15.4	354	1
28	5530	16	12.7	344	1
29	5530	15	17.7	351	1
30	5530	14	18.2	477	1
Detection Percentage: 100 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Bin5 Statistics 1

CF=5509MHz

Trial #	Pulse	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	71.1	1227		0.496973	1
1	3	8	98.8	1405	1101	1.121342	
2	2	15	95.3	1570		2.306703	
3	3	15	81.9	1314	1719	3.48383	
4	3	16	78.4	1035	1512	4.009883	
5	3	11	91.1	1242	1615	5.529509	
6	1	14	57			5.777904	
7	1	20	80.9			7.101109	
8	2	11	80.2	1412		8.207261	
9	3	8	82.1	1511	1103	8.838508	
10	1	16	91.7			9.342139	
11	2	14	57.8	1116		10.978451	
12	3	14	53.2	1487	1766	11.104131	

Bin5 Statistics 2

CF=5530MHz

Trial #	Pulse	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	74.4	1719		0.651916	1
1	2	11	77.2	1194		1.529545	
2	3	13	77.3	1408	1978	2.663893	
3	3	9	98.2	1437	1902	3.258408	
4	2	16	75.9	1625		3.822657	
5	3	11	54.9	1753	1994	4.82285	
6	1	8	71.6			5.580129	
7	3	5	71.7	1367	1718	7.161784	
8	1	10	82.4			8.235868	
9	3	13	83.9	1821	1021	8.584463	
10	2	16	51.2	1270		9.452222	
11	2	8	52.8	1906		10.812823	
12	1	8	70.2			11.95166	

Bin5 Statistics 3

CF=5500MHz

Trial #	Pulse	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	99.3			0.359535	1
1	2	18	90.9	1997		0.94581	
2	3	12	54.1	1896	1744	2.21659	
3	2	20	74.6	1280		2.732413	
4	2	8	54.5	1277		3.077578	
5	1	5	60.4			3.751578	
6	2	6	65.5	1584		4.876629	
7	2	6	84.3	1052		5.945636	
8	1	19	89.1			6.49769	
9	3	14	80.2	1905	1055	6.914318	
10	3	10	70.3	1378	1437	8.182825	
11	2	19	73.9	1768		8.842319	
12	2	9	95.3	1137		9.709436	
13	3	10	65	1326	1367	10.460065	
14	3	8	67.2	1200	1343	10.768699	
15	2	14	71.6	1487		11.747581	

Bin5 Statistics 4

CF=5499MHz

Trial #	Pulse	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	96.6	1294		0.093193	1
1	2	13	95.5	1664		1.690852	
2	2	18	67.3	1305		3.972588	
3	2	7	61.6	1294		4.100525	
4	2	14	63.6	1823		6.061761	
5	2	19	80.3	1376		7.412557	
6	2	11	50.8	1772		8.010393	
7	2	10	56.1	1525		10.364882	
8	1	14	86.4			11.569269	

Bin5 Statistics 5

CF=5527MHz

Trial #	Pulse	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	51.1			0.669012	1
1	1	18	74.8			1.917453	
2	2	11	66.3	1154		4.308573	
3	2	7	63.7	1602		5.289327	
4	2	17	51.4	1292		6.489417	
5	2	11	54.3	1519		7.507768	
6	1	17	98.9			10.276391	
7	1	8	90.7			11.266291	

Bin5 Statistics 6

CF=5537MHz

Trial #	Pulse	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	96	1160	1384	0.16412	1
1	2	11	51.4	1618		0.87462	
2	3	9	72.3	1908	1377	1.695176	
3	3	18	63.5	1939	1866	2.437513	
4	3	18	79.5	1284	1988	2.973072	
5	1	20	50.2			3.298421	
6	1	10	76.4			4.139723	
7	1	18	98.5			5.036395	
8	2	19	98.7	1091		5.332157	
9	2	14	74.9	1072		6.198338	
10	1	20	88.7			6.743769	
11	2	16	96.9	1278		7.458417	
12	1	17	67			7.93168	
13	1	6	54.5			8.236509	
14	2	13	82.9	1037		9.216551	
15	2	13	78.6	1557		9.878341	
16	3	17	83.3	1883	1875	10.428189	
17	2	14	69.7	1512		11.083682	
18	3	20	52.9	1493	1294	11.877545	

Bin5 Statistics 7

CF=5539MHz

Trial #	Pulse	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	70.2			0.424597	1
1	3	18	82.9	1424	1532	1.129389	
2	3	17	70.3	1546	1284	2.10032	
3	2	20	93.4	1391		2.964248	
4	3	16	67.9	1339	1722	3.847341	
5	2	14	75.8	1145		4.041608	
6	1	19	85			5.458463	
7	1	10	95.5			5.722405	
8	3	18	50.6	1788	1692	6.742425	
9	2	12	86.4	1589		7.500228	
10	1	16	73.4			8.095596	
11	1	9	93.1			9.423376	
12	2	9	76.9	1672		9.994939	
13	1	18	85.5			11.148869	
14	3	11	54.4	1970	1405	11.927985	

Bin5 Statistics 8

CF=5529MHz

Trial #	Pulse	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	70.4	1199	1805	0.30157	1
1	3	17	74.6	1398	1347	2.631038	
2	2	10	96.3	1841		3.198117	
3	1	10	95.7			5.253419	
4	1	19	57.5			6.583433	
5	3	20	56.2	1659	1357	7.869512	
6	1	8	88			9.055876	
7	2	20	92.4	1829		10.539155	
8	1	5	77.3			10.865788	

Bin5 Statistics 9

CF=5535MHz

Trial #	Pulse	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	87.5	1564		0.524479	
1	2	5	83.6	1431		1.135304	
2	3	7	65.4	1116	1992	2.069764	
3	1	10	95.8			2.371314	
4	1	16	78			2.842461	
5	1	15	62.7			3.585218	
6	2	18	97.4	1561		4.623787	
7	2	18	97.4	1881		5.12746	
8	1	15	52			6.092144	1
9	1	17	99.6			6.703608	
10	3	6	78.7	1764	1014	7.148864	
11	1	11	88.7			8.323979	
12	1	10	95			8.516106	
13	2	18	76.9	1450		9.361719	
14	1	14	92.8			10.09165	
15	3	18	72.6	1378	1832	10.876609	
16	2	5	90.6	1384		11.567935	

Bin5 Statistics 10

CF=5535MHz

Trial #	Pulse	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	82.1	1809		0.171269	1
1	1	10	96			1.220124	
2	2	14	61.8	1478		2.010711	
3	2	7	56.2	1204		2.710234	
4	3	5	73.9	1461	1379	3.553788	
5	1	20	57.8			4.447975	
6	2	9	62.9	1544		5.2168	
7	3	10	50	1780	1651	5.301567	
8	1	14	68.2			6.673874	
9	2	11	60.2	1525		7.314579	
10	1	9	82.5			8.074769	
11	3	6	79.8	1114	1611	8.843568	
12	1	9	54.2			9.527797	
13	2	10	93.8	1927		10.427126	
14	2	12	83.4	1033		11.098887	
15	2	12	93.4	1001		11.598903	

Bin5 Statistics 11

CF=5517MHz

Trial #	Pulse	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	83.3	1227	1894	0.415488	1
1	2	15	60.2	1089		0.817622	
2	3	16	87.4	1095	1830	1.6562	
3	1	12	95.7			2.372142	
4	2	5	63.2	1880		2.552523	
5	2	9	74.6	1074		3.132912	
6	2	20	73.4	1617		4.108823	
7	3	11	78.9	1661	1666	4.710628	
8	2	19	94.1	1269		5.295343	
9	2	16	62	1524		5.554946	
10	3	19	93.1	1052	1357	6.129602	
11	2	17	73	1185		6.714541	
12	2	7	96.5	1512		7.753938	
13	2	17	54.6	1139		8.274055	
14	1	11	89.1			8.726276	
15	1	5	83.8			9.174332	
16	1	17	87.7			9.824012	
17	3	14	52.4	1527	1202	10.27831	
18	1	10	70.8			11.177026	
19	1	15	72.3			11.582949	

Bin5 Statistics 12

CF=5500MHz

Trial #	Pulse	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	89.4			0.743137	1
1	1	8	63.1			1.068618	
2	2	14	99.6	1449		2.071161	
3	2	16	58.7	1462		2.327308	
4	2	12	83	1927		3.620894	
5	2	15	89.1	1340		4.444858	
6	2	11	97.5	1242		4.794792	
7	1	16	59.6			5.364465	
8	1	5	86.3			6.628085	
9	2	15	50.3	1528		7.149131	
10	3	7	79.2	1413	1564	7.866462	
11	3	17	51.3	1415	1426	8.774816	
12	3	17	96.7	1604	1346	9.025877	
13	1	17	73.3			10.215426	
14	2	17	54.8	1137		11.028554	
15	2	19	76.8	1221		11.975451	

Bin5 Statistics 13

CF=5512MHz

Trial #	Pulse	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	80.9	1047	1048	0.443405	1
1	2	19	86.2	1218		0.830396	
2	1	9	84.1			1.814104	
3	2	6	67	1674		2.389838	
4	2	6	80.3	1151		3.372525	
5	3	12	68.9	1124	1565	4.302549	
6	1	8	92.3			5.198923	
7	2	10	90.2	1355		5.853953	
8	2	13	64.5	1266		6.011562	
9	3	17	99.7	1426	1594	6.875442	
10	2	11	87.9	1635		7.921971	
11	2	14	50.7	1858		8.272644	
12	2	14	72.1	1561		9.109609	
13	2	6	51.9	1970		10.414941	
14	1	12	91.6			11.09456	
15	3	18	62.8	1468	1267	11.262818	

Bin5 Statistics 14

CF=5532MHz

Trial #	Pulse	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	70.2	1764		0.554716	1
1	2	14	82.7	1836		0.814684	
2	3	7	88.7	1558	1439	1.270239	
3	2	12	73.2	1734		2.35251	
4	1	20	82.6			2.695774	
5	3	8	56.5	1939	1746	3.258788	
6	2	17	89.8	1918		3.829683	
7	2	7	55.6	1980		4.708837	
8	2	15	72.5	1444		4.843414	
9	2	10	97.5	1163		5.891488	
10	2	17	99.6	1662		6.594466	
11	2	19	94.9	1760		6.619969	
12	2	18	66.3	1120		7.227041	
13	2	11	82.6	1736		8.041604	
14	2	12	61.6	1503		8.487915	
15	2	9	53.5	1889		9.546899	
16	2	15	70.6	1990		10.173685	
17	3	5	66.3	1731	1947	10.347066	
18	2	15	61.5	1444		10.806779	
19	3	5	74.3	1162	1360	11.90027	

Bin5 Statistics 15

CF=5514MHz

Trial #	Pulse	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	57.5	1631		0.444185	
1	3	11	86.3	1993	1998	0.856056	
2	2	17	69.8	1182		2.27215	
3	1	8	53.2			2.975611	
4	3	8	65.6	1985	1245	3.242314	
5	3	14	97.9	1165	1747	4.758455	
6	2	11	85.5	1074		5.379206	
7	2	5	74.3	1066		6.372238	1
8	2	13	80.9	1297		6.785641	
9	1	19	58.6			7.570586	
10	2	11	84.1	1730		8.639471	
11	1	10	67.7			8.810799	
12	1	13	91.8			10.171501	
13	2	6	69.7	1265		10.646224	
14	3	8	70	1417	1181	11.437864	

Bin5 Statistics 16

CF=5548MHz

Trial #	Pulse	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	74	1082		0.008985	
1	2	9	50.5	1254		0.786141	
2	1	14	57.5			1.609748	
3	2	7	55.6	1623		2.122414	
4	3	13	81.5	1291	1643	2.627269	
5	2	20	72.8	1224		3.692844	
6	2	6	57.1	1895		4.08416	
7	2	14	56.9	1421		4.527566	
8	2	7	83	1313		5.452729	
9	2	10	76.2	1496		5.973693	1
10	2	17	73.6	1896		6.685907	
11	2	19	58.7	1361		7.252759	
12	3	9	93.4	1480	1002	7.989703	
13	2	18	95.4	1828		8.708181	
14	3	5	81.7	1900	1385	9.077451	
15	2	7	93.7	1838		10.071175	
16	2	18	88.8	1114		10.437044	
17	1	17	88.6			11.179929	
18	3	9	90.2	1444	1452	11.908448	

Bin5 Statistics 17

CF=5521MHz

Trial #	Pulse	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	72.8	1392		0.532845	1
1	1	17	99.8			0.760125	
2	3	13	50.9	1319	1019	1.636051	
3	2	15	95.9	1428		2.026922	
4	3	19	87.2	1532	1333	3.236159	
5	1	18	64.6			3.842975	
6	1	6	98.3			4.105805	
7	2	6	62.1	1490		5.275104	
8	2	12	60.7	1106		5.834877	
9	3	12	83.8	1393	1024	6.630679	
10	3	17	52.3	1684	1483	6.847277	
11	2	19	77.3	1473		7.795047	
12	2	8	99.1	1913		8.525162	
13	2	14	78.2	1876		8.848775	
14	3	15	64.7	1172	1502	9.62256	
15	3	8	89.8	1701	1962	10.287588	
16	2	17	82.4	1630		10.883719	
17	2	6	93.1	1755		11.532833	

Bin5 Statistics 18

CF=5504MHz

Trial #	Pulse	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	97.7	1624	1861	1.14633	1
1	3	7	83.8	1048	1711	2.589235	
2	2	9	75.5	1143		3.025145	
3	1	15	57.1			4.920992	
4	3	14	79.2	1076	1904	5.407748	
5	2	6	50.4	1975		7.682385	
6	2	6	68.5	1690		8.168497	
7	2	13	71.5	1871		9.753231	
8	1	16	63.1			11.903109	

Bin5 Statistics 19

CF=5492MHz

Trial #	Pulse	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	52.2	1588		0.494409	
1	3	15	65.3	1570	1782	1.228771	
2	2	11	98.8	1868		1.77041	
3	1	7	60.7			2.144604	
4	2	8	62.3	1919		3.382402	
5	2	14	93.1	1316		3.553803	
6	2	7	82.8	1859		4.600481	
7	2	18	57.5	1578		5.484364	
8	2	13	73	1370		5.718707	1
9	3	16	68.7	1644	1809	6.628788	
10	3	17	82.8	1391	1265	7.72936	
11	3	17	66.5	1265	1496	8.345201	
12	2	11	87.2	1375		8.650103	
13	2	15	75.7	1906		9.581814	
14	1	11	91.7			10.118184	
15	1	12	70.9			10.675036	
16	3	11	99.2	1662	1036	11.422624	

Bin5 Statistics 20

CF=5520MHz

Trial #	Pulse	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	98.4	1476		1.290769	
1	3	16	83.3	1976	1293	1.618789	
2	3	18	51.5	1285	1830	3.288284	
3	2	8	74.5	1531		4.527327	
4	3	10	66.3	1830	1259	5.823512	1
5	2	14	84.3	1792		7.6963	
6	2	7	91.5	1741		8.091874	
7	1	11	84.6			9.808213	
8	2	14	77.5	1419		10.729491	

Bin5 Statistics 21

CF=5548MHz

Trial #	Pulse	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	56.7	1358		0.105446	
1	1	15	71.7			1.384522	
2	2	19	63.8	1727		2.277006	
3	2	10	92.6	1278		3.66097	
4	2	14	80.8	1749		5.072146	
5	2	6	86.2	1980		5.807345	1
6	1	6	97.6			7.270176	
7	1	14	94.6			8.437131	
8	2	6	61	1154		9.375816	
9	3	6	81.4	1884	1441	10.347472	
10	2	7	72.1	1928		11.222824	

Bin5 Statistics 22

CF=5508MHz

Trial #	Pulse	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	54.8	1837		0.312669	
1	3	14	64.1	1270	1290	1.792398	
2	3	18	66.6	1781	1170	1.877918	
3	3	18	80.6	1968	1813	3.620329	
4	2	18	50.8	1008		4.335546	
5	3	12	93.5	1040	1320	4.621725	
6	2	8	86.9	1264		5.731915	1
7	2	15	56.6	1665		7.35162	
8	3	13	71	1420	1299	7.960498	
9	3	9	89.9	1092	1225	8.800679	
10	3	11	63.8	1210	1810	9.754782	
11	1	18	78			10.978236	
12	2	19	54.1	1786		11.439383	

Bin5 Statistics 23

CF=5530MHz

Trial #	Pulse	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	92.9			0.640084	1
1	2	13	98.6	1015		1.123191	
2	1	7	64.7			1.904065	
3	3	19	90.3	1940	1306	2.18715	
4	1	10	90.2			2.787816	
5	3	16	50.3	1527	1605	3.497411	
6	3	12	78.9	1642	1607	4.159526	
7	2	11	53.1	1500		5.235084	
8	3	14	67.1	1638	1076	5.472968	
9	2	9	95.5	1271		6.201694	
10	3	17	56.5	1600	1232	6.940379	
11	1	7	61.3			7.807511	
12	2	19	60.1	1038		8.646404	
13	1	17	82.7			9.307726	
14	2	15	55.3	1290		9.657914	
15	1	13	77.9			10.611079	
16	3	6	54.2	1675	1187	10.779095	
17	2	16	97	1315		11.424443	

Bin5 Statistics 24

CF=5543MHz

Trial #	Pulse	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	75.9	1420	1168	0.010064	1
1	3	16	78.8	1011	1504	0.688424	
2	2	6	87.3	1847		1.594954	
3	3	18	87	1624	1698	2.118783	
4	2	10	84.9	1624		2.681735	
5	1	11	59.5			3.48405	
6	2	18	88	1556		4.410266	
7	2	7	85.1	1589		4.709242	
8	2	14	93.8	1039		5.649653	
9	1	13	52			6.496561	
10	1	7	56.4			7.27112	
11	2	16	69.3	1924		7.533611	
12	1	17	87.2			8.059565	
13	2	14	78.9	1733		9.227957	
14	2	11	86.2	1712		9.523776	
15	3	17	60.3	1883	1576	10.394467	
16	1	16	89.7			11.082039	
17	2	8	56.4	1301		11.446016	

Bin5 Statistics 25

CF=5553MHz

Trial #	Pulse	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	79.6			0.087458	1
1	2	14	51.7	1783		1.319487	
2	2	16	76.2	1131		2.039935	
3	2	7	79.1	1830		2.604495	
4	3	9	61.8	1799	1785	3.715433	
5	2	19	100	1019		4.552781	
6	2	20	89.4	1267		5.794391	
7	2	7	96.4	1952		6.493404	
8	1	14	84.2			7.469763	
9	1	14	74.4			7.877365	
10	2	12	50.4	1812		8.851991	
11	3	16	78.7	1776	1825	10.198564	
12	2	11	86.8	1935		10.38153	
13	1	20	84.2			11.503461	

Bin5 Statistics 26

CF=5514MHz

Trial #	Pulse	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	75.6	1463		0.660837	1
1	2	6	58.2	1162		1.838734	
2	1	15	99.6			2.598948	
3	2	14	78.7	1142		3.333923	
4	3	16	76	1757	1177	4.450556	
5	3	14	90.2	1510	1493	5.563176	
6	2	11	74.9	1195		6.873519	
7	1	7	94.2			7.940413	
8	2	19	54.7	1321		8.623301	
9	3	7	78.6	1635	1801	9.105031	
10	2	15	96.7	1093		10.565409	
11	3	18	81.9	1985	1888	11.923687	

Bin5 Statistics 27

CF=5550MHz

Trial #	Pulse	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	55.9	1406	1384	0.557923	
1	3	10	68.6	1577	1245	1.105342	
2	2	14	97.1	1642		2.663328	
3	3	14	66.5	1654	1353	3.450654	
4	1	20	84.7			4.029168	
5	1	6	56.7			5.158041	
6	1	8	96.5			5.727866	1
7	2	8	64	1270		7.114163	
8	2	11	82.3	1824		8.204618	
9	1	11	57.6			9.023824	
10	3	7	84	1939	1788	9.810795	
11	3	9	84.5	1448	1549	10.279477	
12	2	11	74.7	1853		11.417656	

Bin5 Statistics 28

CF=5543MHz

Trial #	Pulse	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	58.6	1665		1.032941	
1	2	12	60.6	1419		2.42001	
2	1	15	98.2			3.626784	
3	1	17	92			5.019523	
4	1	15	70.2			5.729974	1
5	2	9	87.2	1863		7.717487	
6	3	18	82.8	1196	1831	8.098564	
7	2	9	74	1573		10.321932	
8	2	7	61.8	1659		11.153527	

Bin5 Statistics 29

CF=5497MHz

Trial #	Pulse	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	56.6			0.066706	1
1	3	18	89.5	1689	1689	0.874489	
2	3	10	75.7	1139	1463	1.820098	
3	3	15	76	1658	1637	2.586879	
4	2	14	51.6	1886		2.678138	
5	3	5	80	1355	1830	3.417631	
6	1	13	78.9			4.313056	
7	3	11	98.5	1339	1203	5.14233	
8	2	16	95.8	1778		5.746416	
9	2	10	69.2	1580		6.111256	
10	3	9	50.3	1099	1373	6.894013	
11	2	8	51.7	1127		7.584482	
12	2	9	88.9	1347		8.148168	
13	3	8	97.8	1620	1519	9.321312	
14	1	7	63.3			9.80802	
15	3	6	71.9	1921	1563	10.439979	
16	3	7	57.7	1577	1591	10.894908	
17	2	6	62.7	1215		11.993469	

Bin5 Statistics 30

CF=5531MHz

Trial #	Pulse	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	51.4	1875		0.584474	
1	2	14	64.2	1393		1.083432	
2	3	18	94.6	1665	1874	1.87272	
3	1	9	81			2.398455	
4	1	13	58.4			2.709691	
5	1	18	98.7			3.189636	
6	2	13	77.7	1612		4.037424	
7	1	19	53.4			4.743759	
8	3	14	73.6	1627	1423	5.513037	
9	3	18	95.3	1736	1152	5.812052	1
10	2	8	86.7	1930		6.69541	
11	1	14	58.8			7.521574	
12	2	17	64.7	1525		7.93198	
13	2	14	63	1318		8.355123	
14	2	12	67.1	1765		9.450981	
15	2	13	71.2	1239		9.998071	
16	2	9	81.3	1519		10.614636	
17	2	9	69.1	1059		10.974818	
18	2	6	68.5	1446		11.385237	

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	5556.0, 5476.0, 5559.0, 5501.0, 5432.0, 5388.0, 5496.0, 5315.0, 5574.0, 5671.0, 5488.0, 5672.0, 5285.0, 5589.0, 5474.0, 5387.0, 5284.0, 5482.0, 5723.0, 5335.0, 5599.0, 5401.0, 5383.0, 5653.0, 5570.0, 5537.0, 5412.0, 5497.0, 5610.0, 5579.0, 5601.0, 5416.0, 5458.0, 5491.0, 5635.0, 5522.0, 5339.0, 5722.0, 5463.0, 5592.0, 5407.0, 5418.0, 5348.0, 5703.0, 5268.0, 5266.0, 5578.0, 5282.0, 5326.0, 5659.0, 5477.0, 5479.0, 5483.0, 5493.0, 5468.0, 5641.0, 5583.0, 5686.0, 5533.0, 5663.0, 5454.0, 5312.0, 5260.0, 5318.0, 5564.0, 5317.0, 5436.0, 5342.0, 5585.0, 5398.0, 5406.0, 5421.0, 5490.0, 5621.0, 5554.0, 5393.0, 5704.0, 5664.0, 5391.0, 5428.0, 5310.0, 5377.0, 5520.0, 5629.0, 5443.0, 5513.0, 5678.0, 5456.0, 5363.0, 5269.0, 5395.0, 5619.0, 5567.0, 5617.0, 5630.0, 5343.0, 5267.0, 5676.0, 5557.0, 5652.0 (number of hits: 17)
2	5530	9	1	333	1	5354.0, 5683.0, 5604.0, 5479.0, 5326.0, 5698.0, 5319.0, 5684.0, 5536.0, 5380.0, 5563.0, 5552.0, 5259.0, 5333.0, 5437.0, 5320.0, 5482.0, 5361.0, 5375.0, 5477.0, 5273.0, 5456.0, 5418.0, 5549.0, 5430.0, 5669.0, 5717.0, 5370.0, 5355.0, 5495.0, 5422.0, 5468.0, 5436.0, 5515.0, 5293.0, 5592.0, 5678.0, 5347.0, 5663.0, 5523.0, 5691.0, 5315.0, 5558.0, 5340.0, 5615.0, 5708.0, 5490.0, 5640.0, 5557.0, 5284.0, 5344.0, 5305.0, 5682.0, 5409.0, 5581.0, 5389.0, 5297.0, 5551.0, 5321.0, 5431.0, 5693.0, 5397.0, 5710.0, 5550.0, 5406.0, 5494.0, 5628.0, 5357.0, 5577.0, 5496.0, 5548.0, 5449.0, 5451.0, 5339.0, 5635.0, 5638.0, 5700.0, 5579.0, 5520.0, 5675.0, 5283.0, 5655.0, 5472.0, 5541.0, 5434.0, 5358.0, 5508.0, 5331.0, 5649.0, 5362.0, 5600.0, 5516.0, 5450.0, 5572.0, 5534.0, 5467.0, 5723.0, 5390.0, 5573.0, 5417.0 (number of hits: 20)
3	5530	9	1	333	1	5541.0, 5694.0, 5616.0, 5269.0, 5329.0, 5285.0, 5574.0, 5631.0, 5503.0, 5519.0, 5413.0, 5687.0, 5487.0, 5670.0, 5466.0, 5724.0, 5651.0, 5402.0, 5524.0, 5497.0, 5665.0, 5422.0, 5437.0, 5399.0, 5641.0, 5534.0, 5354.0, 5433.0, 5387.0, 5514.0, 5692.0, 5513.0, 5598.0, 5628.0, 5565.0, 5255.0, 5417.0, 5688.0, 5677.0, 5360.0, 5320.0, 5462.0, 5593.0, 5308.0, 5254.0,

						5293.0, 5702.0, 5265.0, 5326.0, 5383.0, 5563.0, 5482.0, 5456.0, 5540.0, 5645.0, 5575.0, 5572.0, 5655.0, 5311.0, 5420.0, 5281.0, 5348.0, 5703.0, 5589.0, 5614.0, 5644.0, 5607.0, 5710.0, 5484.0, 5388.0, 5414.0, 5323.0, 5601.0, 5579.0, 5520.0, 5370.0, 5634.0, 5510.0, 5291.0, 5502.0, 5723.0, 5494.0, 5290.0, 5382.0, 5708.0, 5318.0, 5364.0, 5425.0, 5479.0, 5698.0, 5667.0, 5327.0, 5480.0, 5435.0, 5331.0, 5335.0, 5288.0, 5256.0, 5392.0, 5684.0 (number of hits: 15)
4	5530	9	1	333	1	5316.0, 5505.0, 5375.0, 5722.0, 5399.0, 5305.0, 5434.0, 5630.0, 5681.0, 5710.0, 5441.0, 5258.0, 5607.0, 5409.0, 5535.0, 5618.0, 5686.0, 5592.0, 5268.0, 5637.0, 5524.0, 5504.0, 5678.0, 5541.0, 5653.0, 5286.0, 5585.0, 5391.0, 5417.0, 5331.0, 5610.0, 5374.0, 5486.0, 5458.0, 5689.0, 5587.0, 5288.0, 5574.0, 5327.0, 5282.0, 5404.0, 5253.0, 5392.0, 5294.0, 5609.0, 5657.0, 5287.0, 5579.0, 5418.0, 5699.0, 5479.0, 5626.0, 5635.0, 5424.0, 5250.0, 5583.0, 5279.0, 5498.0, 5263.0, 5340.0, 5596.0, 5632.0, 5465.0, 5335.0, 5269.0, 5313.0, 5665.0, 5265.0, 5400.0, 5709.0, 5255.0, 5427.0, 5537.0, 5544.0, 5264.0, 5621.0, 5299.0, 5567.0, 5386.0, 5260.0, 5408.0, 5717.0, 5254.0, 5622.0, 5561.0, 5719.0, 5495.0, 5365.0, 5314.0, 5460.0, 5714.0, 5658.0, 5469.0, 5289.0, 5547.0, 5623.0, 5550.0, 5502.0, 5290.0, 5361.0 (number of hits: 14)
5	5530	9	1	333	1	5301.0, 5402.0, 5613.0, 5447.0, 5324.0, 5389.0, 5263.0, 5384.0, 5344.0, 5270.0, 5682.0, 5469.0, 5347.0, 5712.0, 5345.0, 5365.0, 5646.0, 5442.0, 5273.0, 5392.0, 5548.0, 5430.0, 5503.0, 5658.0, 5373.0, 5426.0, 5349.0, 5636.0, 5443.0, 5450.0, 5414.0, 5292.0, 5573.0, 5693.0, 5519.0, 5262.0, 5339.0, 5698.0, 5684.0, 5631.0, 5341.0, 5581.0, 5351.0, 5312.0, 5687.0, 5497.0, 5591.0, 5327.0, 5432.0, 5342.0, 5558.0, 5625.0, 5535.0, 5501.0, 5479.0, 5633.0, 5611.0, 5628.0, 5467.0, 5705.0, 5509.0, 5614.0, 5399.0, 5427.0, 5326.0, 5441.0, 5416.0, 5478.0, 5556.0, 5305.0, 5280.0, 5272.0, 5281.0, 5626.0, 5571.0, 5499.0, 5277.0, 5552.0, 5308.0, 5550.0, 5711.0, 5504.0, 5668.0, 5686.0, 5404.0, 5321.0, 5294.0, 5315.0, 5484.0, 5644.0, 5319.0, 5634.0, 5304.0, 5524.0, 5282.0, 5720.0, 5413.0, 5370.0, 5486.0, 5431.0 (number of hits: 14)
6	5530	9	1	333	1	5375.0, 5604.0, 5427.0, 5355.0, 5592.0, 5699.0, 5648.0, 5572.0, 5566.0, 5494.0, 5631.0, 5696.0, 5637.0, 5583.0, 5326.0,

						5493.0, 5366.0, 5669.0, 5283.0, 5718.0, 5657.0, 5712.0, 5515.0, 5565.0, 5655.0, 5654.0, 5454.0, 5379.0, 5555.0, 5577.0, 5630.0, 5445.0, 5632.0, 5575.0, 5446.0, 5471.0, 5707.0, 5690.0, 5332.0, 5640.0, 5599.0, 5305.0, 5638.0, 5703.0, 5586.0, 5580.0, 5382.0, 5521.0, 5392.0, 5692.0, 5263.0, 5275.0, 5253.0, 5512.0, 5461.0, 5570.0, 5582.0, 5432.0, 5618.0, 5561.0, 5448.0, 5257.0, 5639.0, 5588.0, 5291.0, 5413.0, 5578.0, 5597.0, 5484.0, 5479.0, 5497.0, 5595.0, 5452.0, 5623.0, 5615.0, 5317.0, 5418.0, 5370.0, 5533.0, 5299.0, 5658.0, 5714.0, 5267.0, 5289.0, 5431.0, 5646.0, 5534.0, 5499.0, 5518.0, 5367.0, 5517.0, 5585.0, 5523.0, 5333.0, 5421.0, 5498.0, 5475.0, 5449.0, 5290.0, 5485.0 (number of hits: 17)
7	5530	9	1	333	1	5501.0, 5645.0, 5340.0, 5277.0, 5695.0, 5357.0, 5690.0, 5658.0, 5550.0, 5597.0, 5449.0, 5694.0, 5446.0, 5720.0, 5474.0, 5592.0, 5576.0, 5686.0, 5377.0, 5252.0, 5685.0, 5343.0, 5370.0, 5292.0, 5575.0, 5548.0, 5435.0, 5286.0, 5309.0, 5417.0, 5664.0, 5404.0, 5701.0, 5638.0, 5308.0, 5521.0, 5327.0, 5276.0, 5566.0, 5367.0, 5696.0, 5519.0, 5714.0, 5491.0, 5669.0, 5312.0, 5585.0, 5306.0, 5323.0, 5593.0, 5379.0, 5473.0, 5522.0, 5289.0, 5572.0, 5339.0, 5328.0, 5530.0, 5504.0, 5688.0, 5321.0, 5344.0, 5314.0, 5709.0, 5441.0, 5296.0, 5603.0, 5698.0, 5620.0, 5345.0, 5436.0, 5547.0, 5392.0, 5426.0, 5258.0, 5563.0, 5508.0, 5699.0, 5454.0, 5478.0, 5684.0, 5418.0, 5363.0, 5283.0, 5514.0, 5336.0, 5412.0, 5251.0, 5528.0, 5369.0, 5487.0, 5334.0, 5565.0, 5410.0, 5408.0, 5311.0, 5582.0, 5581.0, 5399.0, 5704.0 (number of hits: 16)
8	5530	9	1	333	1	5298.0, 5713.0, 5337.0, 5721.0, 5636.0, 5698.0, 5376.0, 5691.0, 5603.0, 5316.0, 5419.0, 5319.0, 5260.0, 5617.0, 5470.0, 5595.0, 5314.0, 5469.0, 5513.0, 5440.0, 5673.0, 5270.0, 5280.0, 5560.0, 5627.0, 5283.0, 5257.0, 5709.0, 5378.0, 5407.0, 5475.0, 5529.0, 5652.0, 5432.0, 5297.0, 5537.0, 5354.0, 5539.0, 5570.0, 5706.0, 5256.0, 5566.0, 5276.0, 5705.0, 5677.0, 5424.0, 5446.0, 5367.0, 5265.0, 5662.0, 5650.0, 5274.0, 5306.0, 5443.0, 5528.0, 5508.0, 5551.0, 5302.0, 5585.0, 5507.0, 5304.0, 5661.0, 5325.0, 5360.0, 5310.0, 5390.0, 5451.0, 5699.0, 5555.0, 5268.0, 5397.0, 5287.0, 5305.0, 5639.0, 5591.0, 5685.0, 5349.0, 5417.0, 5538.0, 5396.0, 5719.0, 5430.0, 5482.0, 5535.0, 5403.0, 5584.0, 5532.0, 5621.0, 5630.0, 5429.0,

						5658.0, 5369.0, 5405.0, 5605.0, 5567.0, 5561.0, 5577.0, 5616.0, 5568.0, 5548.0 (number of hits: 18)
9	5530	9	1	333	1	5532.0, 5526.0, 5543.0, 5289.0, 5720.0, 5567.0, 5550.0, 5599.0, 5450.0, 5488.0, 5382.0, 5646.0, 5470.0, 5716.0, 5461.0, 5533.0, 5693.0, 5669.0, 5342.0, 5722.0, 5291.0, 5284.0, 5498.0, 5307.0, 5425.0, 5325.0, 5264.0, 5452.0, 5406.0, 5451.0, 5548.0, 5274.0, 5594.0, 5322.0, 5449.0, 5611.0, 5339.0, 5281.0, 5648.0, 5719.0, 5497.0, 5393.0, 5304.0, 5286.0, 5709.0, 5681.0, 5287.0, 5324.0, 5455.0, 5651.0, 5676.0, 5261.0, 5258.0, 5422.0, 5436.0, 5350.0, 5369.0, 5293.0, 5388.0, 5402.0, 5558.0, 5364.0, 5494.0, 5370.0, 5510.0, 5424.0, 5457.0, 5357.0, 5675.0, 5429.0, 5551.0, 5270.0, 5697.0, 5430.0, 5667.0, 5619.0, 5362.0, 5468.0, 5338.0, 5601.0, 5575.0, 5314.0, 5340.0, 5296.0, 5431.0, 5271.0, 5633.0, 5629.0, 5544.0, 5622.0, 5360.0, 5661.0, 5380.0, 5283.0, 5687.0, 5690.0, 5262.0, 5336.0, 5684.0, 5386.0 (number of hits: 14)
10	5530	9	1	333	1	5291.0, 5709.0, 5266.0, 5309.0, 5288.0, 5356.0, 5412.0, 5668.0, 5454.0, 5659.0, 5641.0, 5462.0, 5704.0, 5495.0, 5632.0, 5448.0, 5652.0, 5702.0, 5540.0, 5594.0, 5643.0, 5457.0, 5424.0, 5399.0, 5323.0, 5335.0, 5585.0, 5635.0, 5380.0, 5387.0, 5543.0, 5579.0, 5685.0, 5439.0, 5582.0, 5331.0, 5553.0, 5694.0, 5333.0, 5445.0, 5556.0, 5326.0, 5542.0, 5523.0, 5525.0, 5673.0, 5397.0, 5340.0, 5669.0, 5422.0, 5489.0, 5648.0, 5562.0, 5355.0, 5665.0, 5320.0, 5300.0, 5695.0, 5401.0, 5453.0, 5689.0, 5544.0, 5329.0, 5624.0, 5647.0, 5604.0, 5385.0, 5332.0, 5527.0, 5482.0, 5273.0, 5605.0, 5277.0, 5348.0, 5608.0, 5493.0, 5368.0, 5701.0, 5365.0, 5450.0, 5567.0, 5384.0, 5289.0, 5619.0, 5466.0, 5364.0, 5381.0, 5534.0, 5573.0, 5684.0, 5299.0, 5698.0, 5674.0, 5283.0, 5654.0, 5571.0, 5651.0, 5452.0, 5255.0, 5535.0 (number of hits: 15)
11	5530	9	1	333	1	5597.0, 5662.0, 5683.0, 5472.0, 5710.0, 5602.0, 5334.0, 5607.0, 5587.0, 5328.0, 5321.0, 5350.0, 5691.0, 5369.0, 5379.0, 5629.0, 5522.0, 5288.0, 5685.0, 5300.0, 5374.0, 5424.0, 5681.0, 5465.0, 5399.0, 5660.0, 5357.0, 5367.0, 5265.0, 5576.0, 5615.0, 5480.0, 5491.0, 5692.0, 5281.0, 5513.0, 5383.0, 5722.0, 5270.0, 5667.0, 5263.0, 5451.0, 5584.0, 5487.0, 5544.0, 5331.0, 5406.0, 5308.0, 5500.0, 5537.0, 5711.0, 5336.0, 5322.0, 5659.0, 5433.0, 5715.0, 5498.0, 5560.0, 5324.0, 5571.0,

						5419.0, 5430.0, 5312.0, 5449.0, 5482.0, 5306.0, 5427.0, 5591.0, 5475.0, 5676.0, 5291.0, 5720.0, 5668.0, 5463.0, 5359.0, 5333.0, 5471.0, 5655.0, 5494.0, 5279.0, 5632.0, 5596.0, 5298.0, 5592.0, 5505.0, 5447.0, 5558.0, 5689.0, 5529.0, 5277.0, 5703.0, 5411.0, 5382.0, 5620.0, 5307.0, 5546.0, 5409.0, 5341.0, 5697.0, 5672.0 (number of hits: 13)
12	5530	9	1	333	1	5346.0, 5322.0, 5679.0, 5377.0, 5262.0, 5470.0, 5301.0, 5433.0, 5456.0, 5315.0, 5396.0, 5621.0, 5648.0, 5613.0, 5437.0, 5382.0, 5374.0, 5492.0, 5390.0, 5677.0, 5591.0, 5593.0, 5654.0, 5436.0, 5451.0, 5481.0, 5304.0, 5486.0, 5718.0, 5442.0, 5295.0, 5517.0, 5410.0, 5714.0, 5597.0, 5409.0, 5282.0, 5513.0, 5288.0, 5294.0, 5540.0, 5675.0, 5254.0, 5558.0, 5452.0, 5678.0, 5398.0, 5364.0, 5639.0, 5713.0, 5501.0, 5518.0, 5668.0, 5290.0, 5421.0, 5500.0, 5546.0, 5543.0, 5570.0, 5366.0, 5443.0, 5594.0, 5716.0, 5626.0, 5490.0, 5537.0, 5688.0, 5576.0, 5721.0, 5684.0, 5266.0, 5420.0, 5477.0, 5338.0, 5568.0, 5628.0, 5360.0, 5298.0, 5667.0, 5719.0, 5663.0, 5440.0, 5429.0, 5691.0, 5343.0, 5484.0, 5637.0, 5550.0, 5438.0, 5571.0, 5704.0, 5552.0, 5340.0, 5384.0, 5563.0, 5293.0, 5358.0, 5566.0, 5337.0, 5609.0 (number of hits: 17)
13	5530	9	1	333	1	5440.0, 5699.0, 5326.0, 5401.0, 5710.0, 5660.0, 5347.0, 5285.0, 5415.0, 5430.0, 5618.0, 5264.0, 5528.0, 5550.0, 5684.0, 5559.0, 5592.0, 5506.0, 5524.0, 5349.0, 5645.0, 5649.0, 5356.0, 5311.0, 5568.0, 5632.0, 5338.0, 5652.0, 5719.0, 5348.0, 5322.0, 5449.0, 5576.0, 5417.0, 5638.0, 5411.0, 5670.0, 5716.0, 5502.0, 5372.0, 5590.0, 5711.0, 5606.0, 5374.0, 5651.0, 5507.0, 5339.0, 5464.0, 5465.0, 5600.0, 5508.0, 5262.0, 5407.0, 5614.0, 5388.0, 5490.0, 5532.0, 5343.0, 5421.0, 5287.0, 5392.0, 5317.0, 5708.0, 5500.0, 5258.0, 5474.0, 5646.0, 5389.0, 5497.0, 5635.0, 5624.0, 5489.0, 5641.0, 5484.0, 5376.0, 5306.0, 5555.0, 5292.0, 5569.0, 5620.0, 5718.0, 5396.0, 5621.0, 5355.0, 5678.0, 5381.0, 5509.0, 5330.0, 5385.0, 5501.0, 5442.0, 5518.0, 5314.0, 5698.0, 5561.0, 5551.0, 5615.0, 5307.0, 5560.0, 5571.0 (number of hits: 21)
14	5530	9	1	333	1	5292.0, 5624.0, 5656.0, 5682.0, 5598.0, 5559.0, 5584.0, 5401.0, 5516.0, 5301.0, 5326.0, 5561.0, 5508.0, 5421.0, 5339.0, 5523.0, 5651.0, 5332.0, 5717.0, 5696.0, 5482.0, 5537.0, 5277.0, 5658.0, 5661.0, 5521.0, 5654.0, 5580.0, 5266.0, 5392.0,

						5474.0, 5702.0, 5655.0, 5592.0, 5399.0, 5469.0, 5723.0, 5554.0, 5593.0, 5253.0, 5470.0, 5418.0, 5625.0, 5407.0, 5631.0, 5341.0, 5647.0, 5643.0, 5493.0, 5589.0, 5707.0, 5254.0, 5431.0, 5315.0, 5291.0, 5620.0, 5466.0, 5362.0, 5536.0, 5350.0, 5353.0, 5435.0, 5681.0, 5452.0, 5673.0, 5623.0, 5573.0, 5572.0, 5571.0, 5369.0, 5525.0, 5512.0, 5483.0, 5458.0, 5604.0, 5530.0, 5364.0, 5441.0, 5426.0, 5443.0, 5437.0, 5691.0, 5318.0, 5305.0, 5348.0, 5683.0, 5671.0, 5722.0, 5394.0, 5570.0, 5615.0, 5687.0, 5388.0, 5566.0, 5386.0, 5330.0, 5258.0, 5256.0, 5371.0, 5692.0 (number of hits: 14)
15	5530	9	1	333	1	5636.0, 5591.0, 5263.0, 5442.0, 5272.0, 5543.0, 5504.0, 5552.0, 5372.0, 5606.0, 5420.0, 5309.0, 5487.0, 5519.0, 5626.0, 5492.0, 5336.0, 5426.0, 5560.0, 5536.0, 5672.0, 5579.0, 5596.0, 5637.0, 5520.0, 5558.0, 5411.0, 5578.0, 5586.0, 5353.0, 5320.0, 5445.0, 5413.0, 5464.0, 5418.0, 5408.0, 5474.0, 5697.0, 5646.0, 5453.0, 5649.0, 5549.0, 5394.0, 5476.0, 5656.0, 5361.0, 5501.0, 5431.0, 5295.0, 5702.0, 5666.0, 5546.0, 5718.0, 5687.0, 5470.0, 5712.0, 5503.0, 5341.0, 5475.0, 5343.0, 5602.0, 5378.0, 5304.0, 5572.0, 5570.0, 5657.0, 5534.0, 5554.0, 5393.0, 5354.0, 5467.0, 5339.0, 5335.0, 5639.0, 5555.0, 5662.0, 5417.0, 5404.0, 5257.0, 5634.0, 5401.0, 5705.0, 5499.0, 5434.0, 5533.0, 5511.0, 5540.0, 5328.0, 5610.0, 5642.0, 5505.0, 5461.0, 5538.0, 5317.0, 5564.0, 5485.0, 5565.0, 5455.0, 5296.0, 5645.0 (number of hits: 24)
16	5530	9	1	333	1	5407.0, 5305.0, 5645.0, 5650.0, 5442.0, 5329.0, 5391.0, 5583.0, 5601.0, 5296.0, 5447.0, 5574.0, 5494.0, 5436.0, 5639.0, 5465.0, 5547.0, 5377.0, 5621.0, 5294.0, 5513.0, 5575.0, 5594.0, 5295.0, 5352.0, 5408.0, 5388.0, 5372.0, 5286.0, 5509.0, 5441.0, 5603.0, 5468.0, 5510.0, 5722.0, 5261.0, 5268.0, 5620.0, 5320.0, 5527.0, 5479.0, 5659.0, 5402.0, 5460.0, 5484.0, 5536.0, 5277.0, 5457.0, 5446.0, 5318.0, 5565.0, 5501.0, 5348.0, 5306.0, 5477.0, 5393.0, 5545.0, 5452.0, 5502.0, 5718.0, 5619.0, 5520.0, 5439.0, 5677.0, 5684.0, 5600.0, 5309.0, 5397.0, 5712.0, 5270.0, 5462.0, 5577.0, 5361.0, 5304.0, 5411.0, 5704.0, 5430.0, 5698.0, 5385.0, 5709.0, 5512.0, 5339.0, 5491.0, 5419.0, 5625.0, 5475.0, 5336.0, 5562.0, 5618.0, 5593.0, 5694.0, 5676.0, 5266.0, 5275.0, 5685.0, 5259.0, 5701.0, 5343.0, 5517.0, 5576.0 (number of hits: 16)

17	5530	9	1	333	1	5544.0, 5680.0, 5289.0, 5601.0, 5504.0, 5295.0, 5359.0, 5258.0, 5505.0, 5634.0, 5339.0, 5482.0, 5331.0, 5493.0, 5257.0, 5456.0, 5700.0, 5352.0, 5328.0, 5713.0, 5610.0, 5665.0, 5418.0, 5654.0, 5523.0, 5264.0, 5298.0, 5434.0, 5391.0, 5290.0, 5550.0, 5539.0, 5508.0, 5460.0, 5421.0, 5484.0, 5262.0, 5281.0, 5333.0, 5368.0, 5573.0, 5717.0, 5349.0, 5549.0, 5594.0, 5640.0, 5630.0, 5329.0, 5388.0, 5326.0, 5486.0, 5338.0, 5464.0, 5636.0, 5255.0, 5324.0, 5254.0, 5386.0, 5345.0, 5705.0, 5580.0, 5672.0, 5592.0, 5447.0, 5325.0, 5697.0, 5609.0, 5318.0, 5385.0, 5413.0, 5487.0, 5613.0, 5617.0, 5499.0, 5419.0, 5595.0, 5558.0, 5306.0, 5406.0, 5383.0, 5277.0, 5719.0, 5319.0, 5611.0, 5653.0, 5569.0, 5496.0, 5515.0, 5490.0, 5522.0, 5398.0, 5701.0, 5494.0, 5380.0, 5661.0, 5422.0, 5263.0, 5348.0, 5284.0, 5567.0 (number of hits: 18)
18	5530	9	1	333	1	5443.0, 5354.0, 5545.0, 5646.0, 5299.0, 5394.0, 5556.0, 5418.0, 5407.0, 5472.0, 5411.0, 5565.0, 5662.0, 5563.0, 5462.0, 5296.0, 5512.0, 5593.0, 5461.0, 5440.0, 5640.0, 5531.0, 5672.0, 5511.0, 5313.0, 5297.0, 5415.0, 5357.0, 5516.0, 5721.0, 5268.0, 5431.0, 5605.0, 5280.0, 5261.0, 5684.0, 5687.0, 5623.0, 5342.0, 5401.0, 5671.0, 5524.0, 5289.0, 5378.0, 5691.0, 5410.0, 5690.0, 5526.0, 5546.0, 5661.0, 5710.0, 5303.0, 5255.0, 5610.0, 5650.0, 5305.0, 5716.0, 5375.0, 5275.0, 5679.0, 5601.0, 5290.0, 5409.0, 5535.0, 5331.0, 5363.0, 5337.0, 5403.0, 5383.0, 5588.0, 5566.0, 5470.0, 5648.0, 5572.0, 5427.0, 5456.0, 5447.0, 5448.0, 5665.0, 5578.0, 5395.0, 5449.0, 5676.0, 5673.0, 5251.0, 5338.0, 5539.0, 5346.0, 5554.0, 5510.0, 5515.0, 5704.0, 5281.0, 5473.0, 5534.0, 5625.0, 5455.0, 5351.0, 5550.0, 5463.0 (number of hits: 19)
19	5530	9	1	333	1	5398.0, 5687.0, 5257.0, 5581.0, 5628.0, 5505.0, 5574.0, 5496.0, 5548.0, 5712.0, 5638.0, 5321.0, 5350.0, 5554.0, 5721.0, 5324.0, 5589.0, 5715.0, 5490.0, 5393.0, 5567.0, 5428.0, 5575.0, 5269.0, 5502.0, 5478.0, 5280.0, 5520.0, 5607.0, 5720.0, 5413.0, 5405.0, 5459.0, 5668.0, 5494.0, 5367.0, 5461.0, 5408.0, 5612.0, 5426.0, 5354.0, 5377.0, 5425.0, 5465.0, 5487.0, 5359.0, 5576.0, 5624.0, 5619.0, 5552.0, 5306.0, 5488.0, 5304.0, 5335.0, 5553.0, 5365.0, 5555.0, 5632.0, 5346.0, 5594.0, 5438.0, 5529.0, 5640.0, 5363.0, 5253.0, 5489.0, 5631.0, 5254.0, 5251.0, 5301.0, 5329.0, 5682.0, 5444.0, 5580.0, 5477.0,

						5439.0, 5333.0, 5501.0, 5300.0, 5551.0, 5692.0, 5709.0, 5421.0, 5654.0, 5312.0, 5259.0, 5484.0, 5375.0, 5598.0, 5358.0, 5507.0, 5689.0, 5476.0, 5417.0, 5337.0, 5485.0, 5504.0, 5590.0, 5325.0, 5699.0 (number of hits: 17)
20	5530	9	1	333	1	5252.0, 5722.0, 5357.0, 5460.0, 5386.0, 5639.0, 5335.0, 5471.0, 5330.0, 5613.0, 5633.0, 5673.0, 5604.0, 5503.0, 5703.0, 5643.0, 5269.0, 5547.0, 5463.0, 5655.0, 5482.0, 5476.0, 5533.0, 5345.0, 5414.0, 5694.0, 5421.0, 5585.0, 5254.0, 5657.0, 5584.0, 5267.0, 5477.0, 5412.0, 5275.0, 5438.0, 5474.0, 5271.0, 5685.0, 5435.0, 5502.0, 5433.0, 5600.0, 5625.0, 5636.0, 5398.0, 5396.0, 5301.0, 5649.0, 5721.0, 5666.0, 5434.0, 5334.0, 5511.0, 5315.0, 5689.0, 5497.0, 5507.0, 5293.0, 5313.0, 5300.0, 5263.0, 5553.0, 5538.0, 5413.0, 5369.0, 5464.0, 5514.0, 5355.0, 5410.0, 5303.0, 5644.0, 5544.0, 5472.0, 5343.0, 5577.0, 5420.0, 5368.0, 5592.0, 5545.0, 5723.0, 5492.0, 5570.0, 5519.0, 5405.0, 5612.0, 5566.0, 5709.0, 5575.0, 5718.0, 5534.0, 5675.0, 5500.0, 5384.0, 5664.0, 5457.0, 5603.0, 5351.0, 5546.0, 5450.0 (number of hits: 18)
21	5530	9	1	333	1	5488.0, 5276.0, 5684.0, 5522.0, 5628.0, 5468.0, 5643.0, 5492.0, 5411.0, 5620.0, 5640.0, 5556.0, 5319.0, 5583.0, 5430.0, 5268.0, 5694.0, 5309.0, 5662.0, 5683.0, 5312.0, 5708.0, 5622.0, 5701.0, 5260.0, 5318.0, 5281.0, 5677.0, 5265.0, 5292.0, 5350.0, 5540.0, 5621.0, 5432.0, 5303.0, 5655.0, 5698.0, 5636.0, 5477.0, 5513.0, 5536.0, 5346.0, 5454.0, 5679.0, 5417.0, 5651.0, 5317.0, 5502.0, 5339.0, 5637.0, 5530.0, 5707.0, 5680.0, 5656.0, 5521.0, 5501.0, 5611.0, 5398.0, 5607.0, 5617.0, 5600.0, 5505.0, 5469.0, 5445.0, 5446.0, 5313.0, 5458.0, 5554.0, 5721.0, 5666.0, 5635.0, 5487.0, 5442.0, 5415.0, 5705.0, 5692.0, 5287.0, 5564.0, 5314.0, 5695.0, 5424.0, 5676.0, 5690.0, 5435.0, 5592.0, 5279.0, 5304.0, 5392.0, 5630.0, 5251.0, 5397.0, 5335.0, 5321.0, 5426.0, 5473.0, 5525.0, 5285.0, 5535.0, 5715.0, 5580.0 (number of hits: 15)
22	5530	9	1	333	1	5691.0, 5405.0, 5268.0, 5355.0, 5705.0, 5636.0, 5555.0, 5334.0, 5352.0, 5412.0, 5287.0, 5457.0, 5656.0, 5724.0, 5561.0, 5404.0, 5638.0, 5653.0, 5345.0, 5465.0, 5722.0, 5323.0, 5414.0, 5460.0, 5593.0, 5545.0, 5316.0, 5629.0, 5300.0, 5650.0, 5553.0, 5665.0, 5318.0, 5442.0, 5349.0, 5505.0, 5573.0, 5438.0, 5712.0, 5500.0, 5436.0, 5295.0, 5632.0, 5396.0, 5613.0,

						5347.0, 5589.0, 5461.0, 5401.0, 5550.0, 5270.0, 5423.0, 5697.0, 5394.0, 5592.0, 5557.0, 5373.0, 5273.0, 5321.0, 5256.0, 5508.0, 5678.0, 5430.0, 5495.0, 5379.0, 5297.0, 5339.0, 5591.0, 5418.0, 5641.0, 5384.0, 5602.0, 5517.0, 5498.0, 5267.0, 5372.0, 5398.0, 5393.0, 5643.0, 5380.0, 5572.0, 5620.0, 5631.0, 5278.0, 5421.0, 5538.0, 5627.0, 5449.0, 5606.0, 5428.0, 5617.0, 5480.0, 5614.0, 5542.0, 5368.0, 5466.0, 5689.0, 5482.0, 5599.0, 5473.0 (number of hits: 14)
23	5530	9	1	333	1	5704.0, 5431.0, 5305.0, 5390.0, 5691.0, 5408.0, 5683.0, 5699.0, 5379.0, 5331.0, 5302.0, 5419.0, 5616.0, 5275.0, 5284.0, 5378.0, 5370.0, 5522.0, 5320.0, 5280.0, 5413.0, 5333.0, 5715.0, 5349.0, 5625.0, 5526.0, 5500.0, 5427.0, 5673.0, 5585.0, 5272.0, 5311.0, 5460.0, 5303.0, 5696.0, 5396.0, 5468.0, 5477.0, 5283.0, 5339.0, 5438.0, 5571.0, 5642.0, 5425.0, 5601.0, 5367.0, 5374.0, 5375.0, 5655.0, 5677.0, 5442.0, 5359.0, 5353.0, 5458.0, 5547.0, 5546.0, 5288.0, 5568.0, 5686.0, 5377.0, 5357.0, 5503.0, 5316.0, 5475.0, 5326.0, 5712.0, 5640.0, 5723.0, 5501.0, 5308.0, 5488.0, 5528.0, 5505.0, 5266.0, 5575.0, 5660.0, 5641.0, 5336.0, 5665.0, 5542.0, 5332.0, 5594.0, 5337.0, 5633.0, 5321.0, 5440.0, 5301.0, 5688.0, 5645.0, 5701.0, 5566.0, 5507.0, 5541.0, 5412.0, 5676.0, 5384.0, 5466.0, 5483.0, 5597.0, 5381.0 (number of hits: 14)
24	5530	9	1	333	1	5649.0, 5326.0, 5464.0, 5470.0, 5368.0, 5671.0, 5544.0, 5420.0, 5327.0, 5359.0, 5281.0, 5528.0, 5374.0, 5377.0, 5255.0, 5414.0, 5439.0, 5407.0, 5489.0, 5328.0, 5608.0, 5639.0, 5340.0, 5559.0, 5329.0, 5720.0, 5491.0, 5596.0, 5585.0, 5548.0, 5582.0, 5502.0, 5472.0, 5680.0, 5324.0, 5672.0, 5539.0, 5684.0, 5666.0, 5316.0, 5423.0, 5266.0, 5542.0, 5571.0, 5601.0, 5306.0, 5341.0, 5594.0, 5532.0, 5443.0, 5702.0, 5643.0, 5574.0, 5570.0, 5311.0, 5709.0, 5523.0, 5618.0, 5551.0, 5656.0, 5605.0, 5597.0, 5619.0, 5437.0, 5313.0, 5705.0, 5632.0, 5260.0, 5294.0, 5413.0, 5357.0, 5392.0, 5370.0, 5456.0, 5338.0, 5301.0, 5651.0, 5351.0, 5355.0, 5658.0, 5447.0, 5626.0, 5679.0, 5449.0, 5622.0, 5277.0, 5504.0, 5364.0, 5676.0, 5427.0, 5272.0, 5603.0, 5615.0, 5660.0, 5271.0, 5279.0, 5692.0, 5609.0, 5365.0, 5525.0 (number of hits: 13)
25	5530	9	1	333	1	5277.0, 5478.0, 5294.0, 5430.0, 5708.0, 5710.0, 5686.0, 5441.0, 5389.0, 5269.0, 5603.0, 5444.0, 5330.0, 5611.0, 5703.0,

						5644.0, 5547.0, 5433.0, 5420.0, 5451.0, 5670.0, 5652.0, 5621.0, 5628.0, 5366.0, 5452.0, 5322.0, 5348.0, 5257.0, 5343.0, 5527.0, 5510.0, 5509.0, 5475.0, 5668.0, 5267.0, 5590.0, 5286.0, 5407.0, 5404.0, 5577.0, 5521.0, 5360.0, 5572.0, 5586.0, 5712.0, 5449.0, 5459.0, 5636.0, 5301.0, 5427.0, 5722.0, 5264.0, 5383.0, 5399.0, 5385.0, 5442.0, 5439.0, 5320.0, 5274.0, 5635.0, 5565.0, 5331.0, 5296.0, 5585.0, 5306.0, 5631.0, 5630.0, 5513.0, 5645.0, 5604.0, 5411.0, 5620.0, 5593.0, 5392.0, 5511.0, 5574.0, 5317.0, 5470.0, 5508.0, 5632.0, 5600.0, 5403.0, 5570.0, 5334.0, 5379.0, 5692.0, 5709.0, 5503.0, 5480.0, 5325.0, 5327.0, 5539.0, 5557.0, 5488.0, 5556.0, 5575.0, 5271.0, 5305.0, 5673.0 (number of hits: 13)
26	5530	9	1	333	1	5639.0, 5405.0, 5551.0, 5562.0, 5672.0, 5616.0, 5696.0, 5319.0, 5252.0, 5694.0, 5499.0, 5576.0, 5300.0, 5707.0, 5279.0, 5535.0, 5498.0, 5274.0, 5660.0, 5700.0, 5443.0, 5388.0, 5255.0, 5369.0, 5353.0, 5644.0, 5333.0, 5254.0, 5677.0, 5641.0, 5267.0, 5527.0, 5716.0, 5438.0, 5324.0, 5335.0, 5311.0, 5400.0, 5621.0, 5358.0, 5599.0, 5635.0, 5269.0, 5260.0, 5466.0, 5541.0, 5449.0, 5591.0, 5486.0, 5351.0, 5596.0, 5698.0, 5325.0, 5342.0, 5653.0, 5290.0, 5663.0, 5650.0, 5451.0, 5382.0, 5646.0, 5692.0, 5332.0, 5654.0, 5542.0, 5372.0, 5503.0, 5266.0, 5250.0, 5667.0, 5560.0, 5600.0, 5511.0, 5583.0, 5508.0, 5717.0, 5385.0, 5314.0, 5322.0, 5452.0, 5709.0, 5343.0, 5516.0, 5281.0, 5563.0, 5389.0, 5502.0, 5295.0, 5491.0, 5547.0, 5636.0, 5428.0, 5288.0, 5416.0, 5483.0, 5607.0, 5472.0, 5289.0, 5294.0, 5376.0 (number of hits: 17)
27	5530	9	1	333	1	5440.0, 5280.0, 5325.0, 5690.0, 5433.0, 5523.0, 5294.0, 5649.0, 5469.0, 5704.0, 5271.0, 5413.0, 5507.0, 5665.0, 5637.0, 5574.0, 5504.0, 5402.0, 5553.0, 5429.0, 5592.0, 5662.0, 5394.0, 5676.0, 5300.0, 5721.0, 5583.0, 5612.0, 5336.0, 5495.0, 5348.0, 5467.0, 5404.0, 5529.0, 5372.0, 5715.0, 5369.0, 5570.0, 5596.0, 5630.0, 5416.0, 5702.0, 5460.0, 5716.0, 5609.0, 5674.0, 5296.0, 5335.0, 5273.0, 5269.0, 5351.0, 5481.0, 5522.0, 5397.0, 5684.0, 5629.0, 5489.0, 5589.0, 5501.0, 5555.0, 5376.0, 5441.0, 5639.0, 5454.0, 5435.0, 5353.0, 5534.0, 5521.0, 5530.0, 5378.0, 5598.0, 5723.0, 5355.0, 5266.0, 5602.0, 5701.0, 5368.0, 5688.0, 5672.0, 5713.0, 5700.0, 5595.0, 5359.0, 5299.0, 5263.0, 5370.0, 5632.0, 5384.0, 5719.0, 5272.0,

						5338.0, 5334.0, 5251.0, 5566.0, 5256.0, 5512.0, 5452.0, 5426.0, 5423.0, 5258.0 (number of hits: 14)
28	5530	9	1	333	1	5313.0, 5650.0, 5397.0, 5722.0, 5641.0, 5704.0, 5591.0, 5597.0, 5252.0, 5723.0, 5386.0, 5705.0, 5721.0, 5665.0, 5491.0, 5685.0, 5428.0, 5396.0, 5696.0, 5643.0, 5523.0, 5270.0, 5490.0, 5599.0, 5587.0, 5548.0, 5334.0, 5369.0, 5648.0, 5671.0, 5483.0, 5576.0, 5701.0, 5320.0, 5535.0, 5598.0, 5299.0, 5710.0, 5580.0, 5442.0, 5371.0, 5364.0, 5718.0, 5477.0, 5515.0, 5424.0, 5325.0, 5476.0, 5608.0, 5466.0, 5697.0, 5289.0, 5279.0, 5366.0, 5448.0, 5413.0, 5410.0, 5271.0, 5624.0, 5332.0, 5699.0, 5633.0, 5393.0, 5356.0, 5501.0, 5678.0, 5551.0, 5343.0, 5518.0, 5314.0, 5573.0, 5267.0, 5328.0, 5278.0, 5657.0, 5541.0, 5529.0, 5626.0, 5592.0, 5506.0, 5285.0, 5629.0, 5409.0, 5321.0, 5516.0, 5569.0, 5522.0, 5293.0, 5385.0, 5563.0, 5481.0, 5440.0, 5649.0, 5282.0, 5622.0, 5280.0, 5470.0, 5333.0, 5600.0, 5519.0 (number of hits: 17)
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30	5530	9	1	333	1	5373.0, 5286.0, 5406.0, 5506.0, 5462.0, 5425.0, 5294.0, 5324.0, 5644.0, 5600.0, 5702.0, 5467.0, 5396.0, 5251.0, 5622.0, 5466.0, 5284.0, 5677.0, 5649.0, 5477.0, 5663.0, 5629.0, 5478.0, 5557.0, 5312.0, 5255.0, 5502.0, 5536.0, 5261.0, 5690.0, 5519.0, 5428.0, 5510.0, 5483.0, 5578.0, 5342.0, 5310.0, 5533.0, 5275.0, 5671.0, 5718.0, 5642.0, 5441.0, 5352.0, 5626.0, 5565.0, 5423.0, 5496.0, 5315.0, 5482.0, 5387.0, 5450.0, 5345.0, 5421.0, 5269.0, 5598.0, 5340.0, 5446.0, 5366.0, 5569.0,

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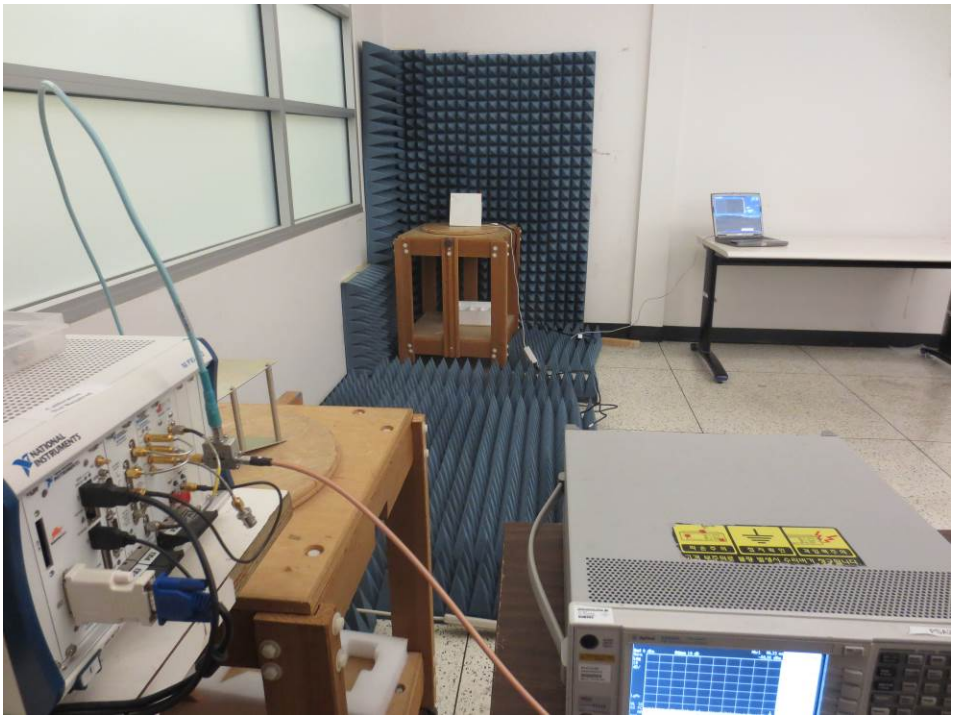
6.2 Bridge Mode Results

Per KDB 905462, Section 5.1 (footnote 1): 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 must also employ DFS function. 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.

According to the Device Security Declaration letter, this device can support MESH mode but it cannot support Bridge mode, therefore this test was not performed. Please refer to software security declaration for mesh mode operation methodology.

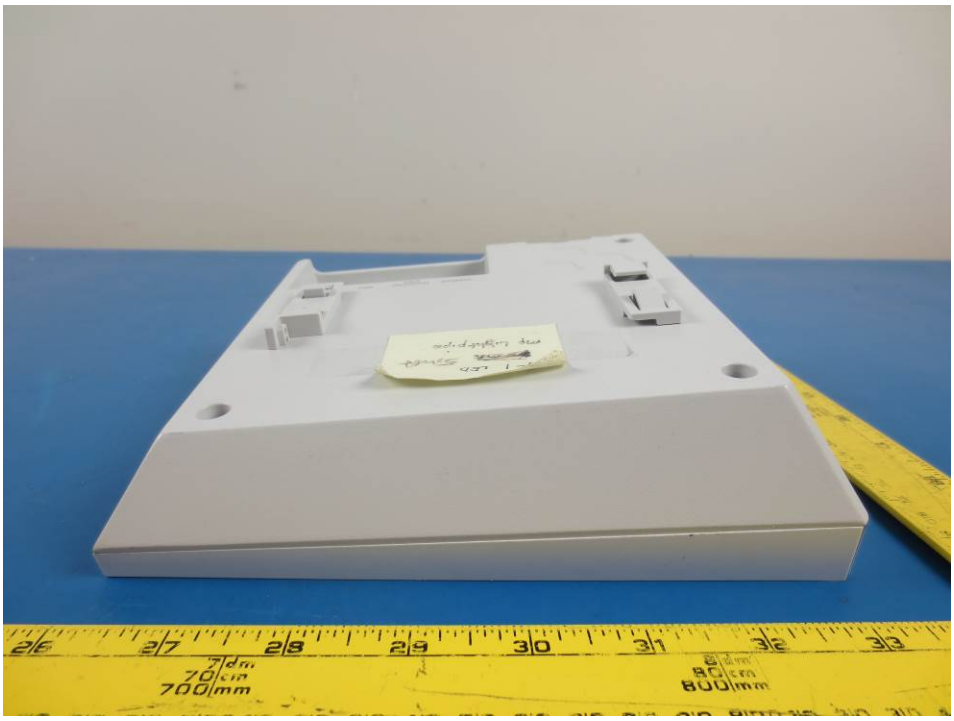
7 Exhibit A – Test Setup Photographs

7.1 DFS Test Setup View

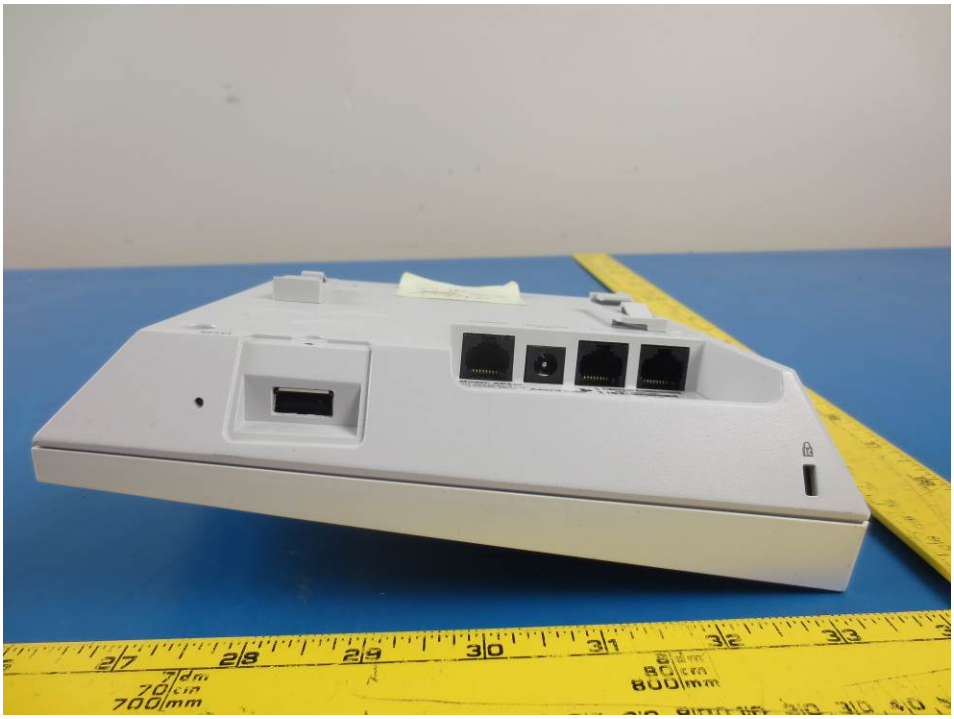


8 Exhibit B – EUT Photographs

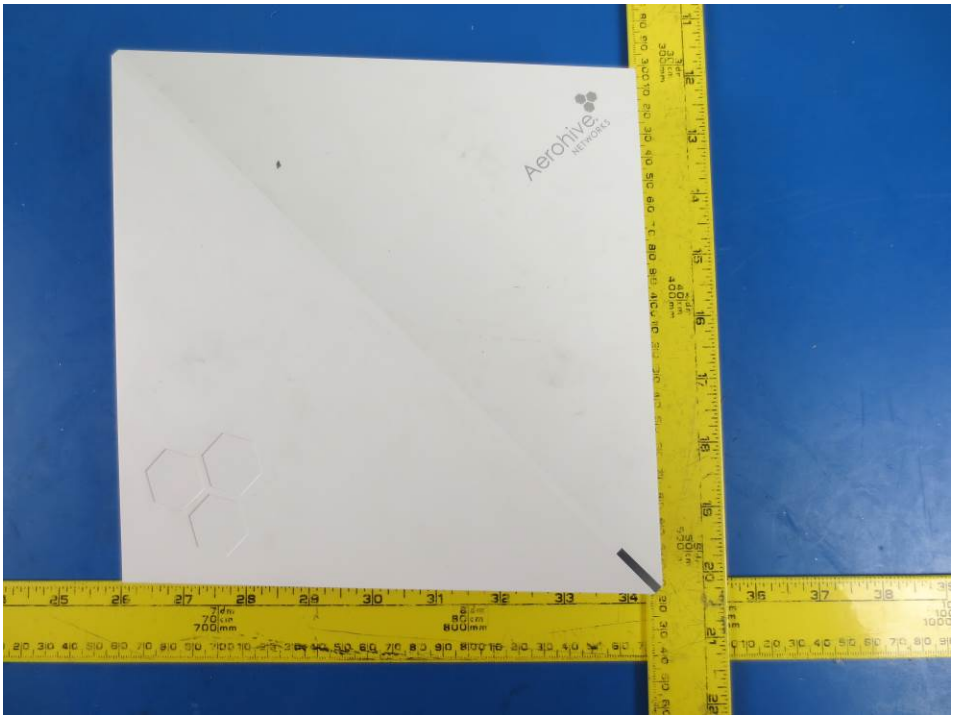
8.1 EUT – Front View



8.2 EUT – Back View

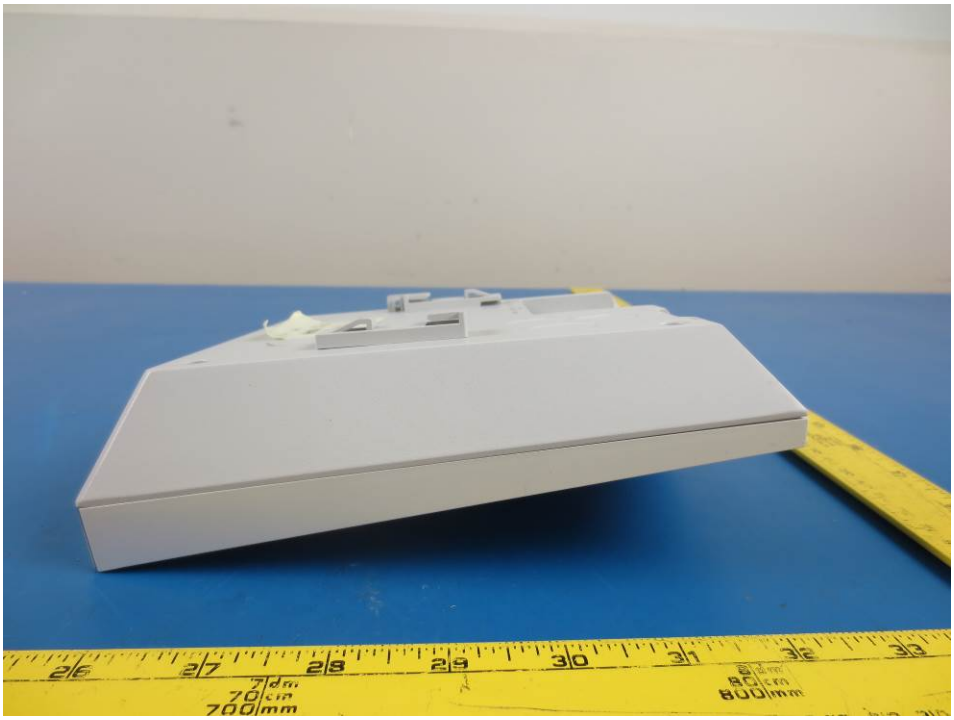


8.3 EUT – Top View



8.4 EUT – Bottom View

8.5 EUT – Left View

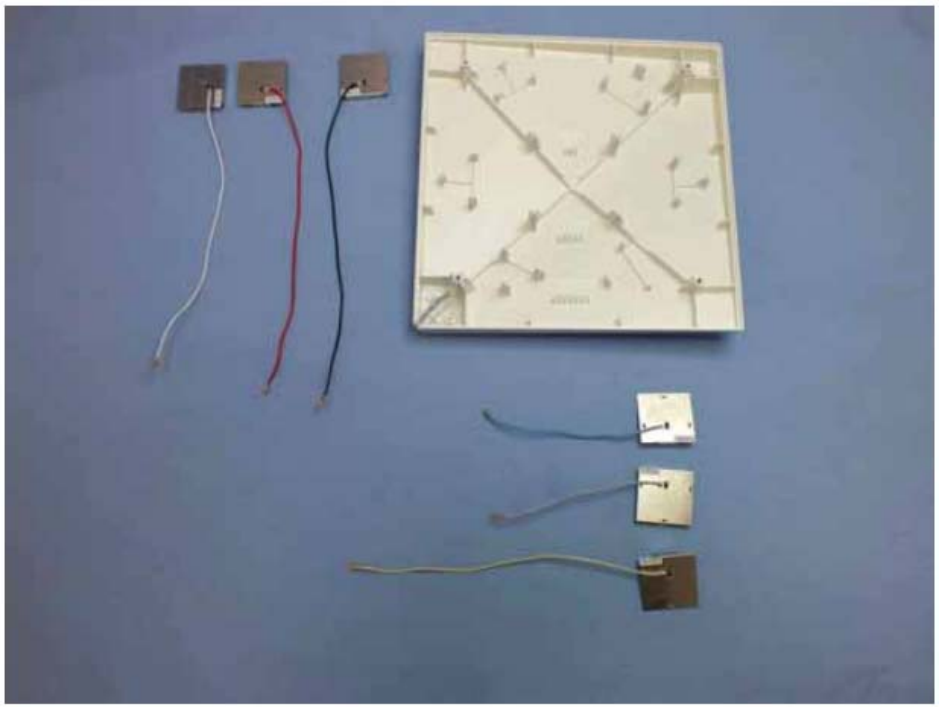


8.6 EUT – Right View

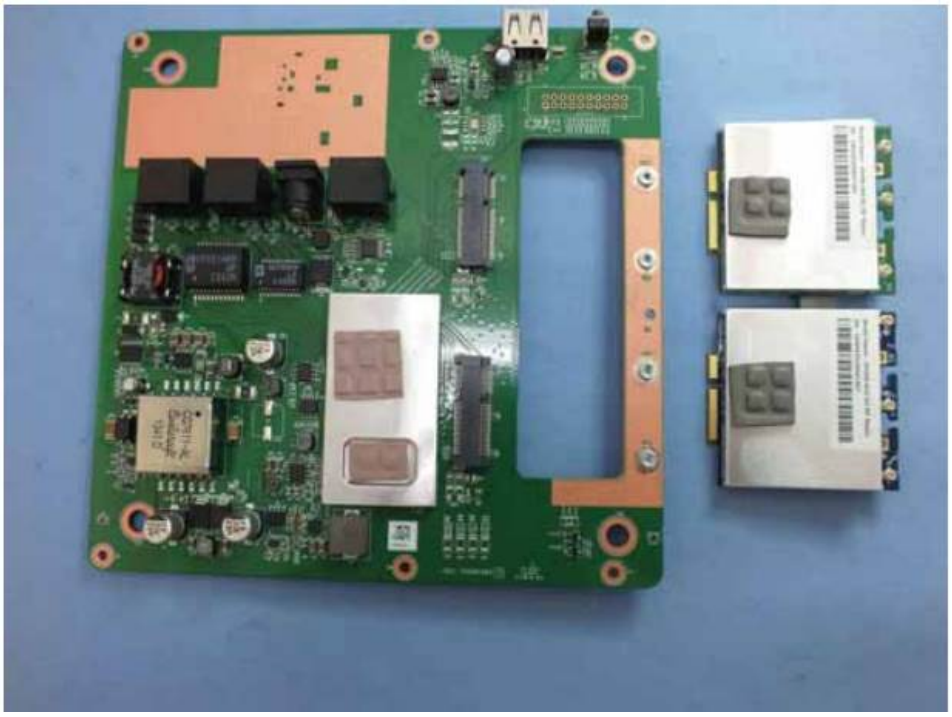
8.7 EUT – POE Adapter

8.8 EUT – Open Case View 1

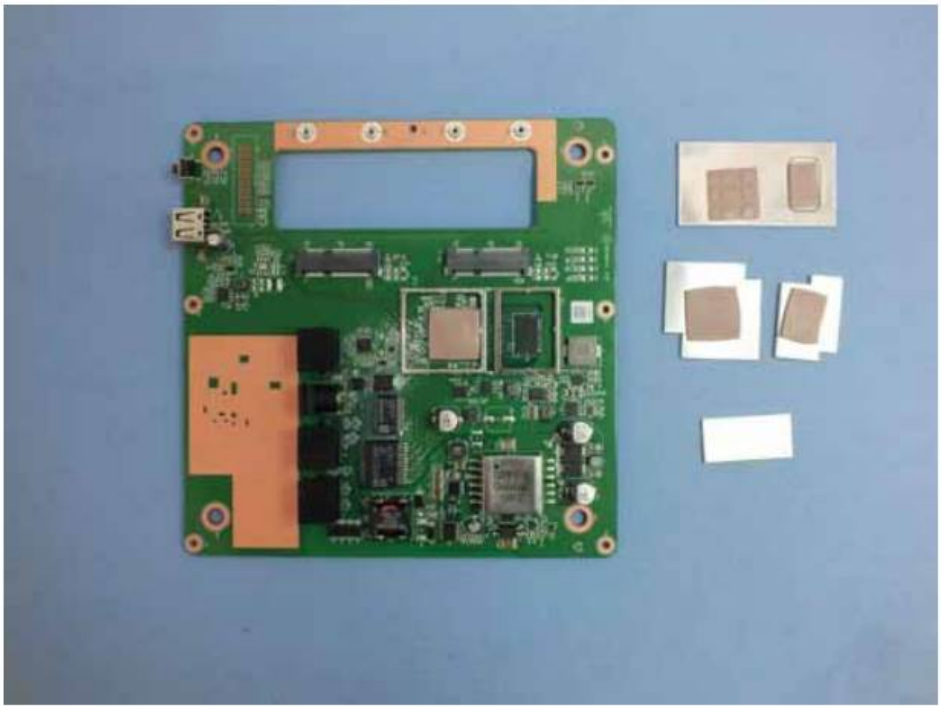
8.9 EUT – Open Case View 2



8.10 EUT – Mainboard View 1



8.11 EUT – Mainboard View 2



8.12 EUT – Mainboard View 3

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