



FCC PART 15.407
ISED RSS-247, ISSUE 4, JULY 2025

TEST REPORT

For

Cisco System, Inc.

125 West Tasman Dr.
San Jose, CA 95134, USA

FCC ID: LDK-HTIAK2282
IC: 2461N-HTIAK2282

Report Type: Class II Permissive Change (FCC) Class III Permissive Change (IC)	Product Type: Cisco Catalyst 9124AX Series Wi-Fi 6 Outdoor Access Point
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Report Number: R2506244-DFS	
Report Date: 2025-08-15	
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* This report may contain data that are not covered by the A2LA accreditation and are marked with an asterisk “*” (Rev.2)

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	R2506244-DFS	Class II Permissive Change (FCC) Class III Permissive Change (IC)	2025-08-15

1 General Description

1.1 Product Description for Equipment Under Test (EUT)

This test report is prepared on behalf of *Cisco Systems, Inc.*, and their product models: C9124AXI-B, C9124AXD-B (USA) and C9124AXI-A, C9124AXD-A (Canada), FCC ID: LDK-HTIAK2282, IC: 2461N-HTIAK2282, HVIN: C9124AXI-A V01, C9124AXD-A V01, referred to as the “EUT” in this report. The EUT is an Outdoor Access Point with BLE, 2.4 GHz Wi-Fi, 5 GHz Wi-Fi capabilities.

The EUT is equipped with two radios: a Primary 4x4 radio and an AUX radio that works in conjunction with Primary 4x4 radio. The Primary 4x4 radio supports bandwidths of up to 80+80 MHz.

The similar models below:

- C9124AXI-A (Canada)
- C9124AXD-A (Canada)

are electrically identical to the tested model C9124AXI-B and C9124AXD-B (USA). The only difference between C9124AXI-x and C9124AXD-x families is the internal antenna.

1.2 Mechanical Description of EUT

The EUT measures approximately 23.3 cm (L) x 25.9 cm (W) x 8.1 cm (H) and weighs approximately 2.9 kg.

The data gathered was from a production sample provided by Cisco Systems, Inc. with S/N: FOC24430FYX

1.3 Objective

This report is prepared on behalf of *Cisco Systems, Inc.* in accordance with FCC CFR47 §15.407(h), ISEDC RSS-247 Issue 4, July 2025, and FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02.

The purpose of this report is to submit Class II (FCC) and Class III (IC) Permissive Change requests to enable Ultra-Reliable Wireless Backhaul (URWB) technology, which introduces three additional DFS modes: Point-to-Point (P2P), Point-to-Multipoint (P2MP), and Client with Radar Detection. P2P mode is only supported by C9124AXD-x family. The objective is to evaluate the URWB technology for compliance with FCC Part 15.407 and ISEDC RSS-247 DFS requirements, including Channel Availability Check (CAC) Time, Channel Move Time, Channel Closing Time, Non-Occupancy Period, Radar Detection Statistical Performance Check, and U-NII Detection Bandwidth.

This Permissive Change requests will also include Mesh mode, as described in the U-NII Software Security Declaration letter. Per customer, Mesh mode is already covered under P2MP and Client modes.

In order to determine compliance, the manufacturer or a contracted laboratory makes measurements and takes the necessary steps to ensure that the equipment complies with the appropriate technical standards.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product maybe which result in lowering the immunity should be checked to ensure compliance has been maintained (i.e., printed circuit board layout changes, different line filter, different power supply, harnessing and/or I/O cable changes, etc.).

1.4 Related Submittal(s)/Grant(s)

None

1.5 Test Methodology

All measurements contained in this report were conducted in accordance with FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02.

1.6 Measurement Uncertainty

All measurements involve certain levels of uncertainties, especially in the field of EMC. The factors contributing to uncertainties are spectrum analyzer, cable loss, antenna factor calibration, antenna directivity, antenna factor variation with height, antenna phase center variation, antenna factor frequency interpolation, measurement distance variation, site imperfections, mismatch (average), and system repeatability.

Parameter	Measurement uncertainty
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±0.57 dB
Power Spectral Density, conducted	±1.48dB
Unwanted Emissions, conducted	±1.57dB
All emissions, radiated	±4.0 dB
AC power line Conducted Emission	±2.0 dB
Temperature	±2 ° C
Humidity	±5 %
DC and low frequency voltages	±1.0 %
Time	±2 %
Duty Cycle	±3 %

1.7 Test Facility Registrations

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

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

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

BACL's test facilities that are used to perform AC Line Conducted Emissions, Telecommunications Line Conducted Emissions, Radiated Emissions from 30 MHz to 1 GHz, and Radiated Emissions from 1 GHz to 6 GHz are currently recognized as Accredited in accordance with the Voluntary Control Council for Interference [VCCI] Article 15 procedures under Registration Number A-0428.

1.8 Test Facility Accreditations

Bay Area Compliance Laboratories Corp. (BACL) is:

A- An independent, 3rd-Party, Commercial Test Laboratory accredited to ISO/IEC 17025:2017 by A2LA (Test Laboratory Accreditation Certificate Number 3297.02), in the fields of: Electromagnetic Compatibility and Telecommunications. Unless noted by an Asterisk (*) in the Compliance Matrix (See Section 3 of this Test Report), BACL's ISO/IEC 17025:2017 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 17025:2017 Scope of Accreditation includes a comprehensive suite of EMC Emissions, EMC Immunity, Radio/Wireless, RF Exposure, Safety, and Wireline Telecommunications test methods applicable to a wide range of product categories. These product categories include, but are not limited to: Central Office Telecommunications Equipment [including NEBS – Network Equipment Building Systems], Information Technology Equipment (ITE); Telecommunications Terminal Equipment (TTE); Medical Electrical Equipment; Industrial, Scientific and Medical Test Equipment; Professional Audio and Video Equipment; Industrial Equipment, Scientific Instruments and Laboratory Apparatus; Cable Distribution Systems, Railway Equipment, Marine Equipment, and Energy Efficient Lighting. Additionally, BACL offers comprehensive test capabilities for both Unlicensed and Licensed Wireless and RF Devices, per the requirements of the FCC (USA), ISED Canada (Canada), the EU/EEA/EFTA Nations (per the ETSI Standards applicable under the Radio Equipment Directive), Singapore, MIC (Japan), South Korea, Vietnam, and Taiwan ROC.

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

- For the USA (Federal Communications Commission):

- 1- All Unlicensed radio frequency devices within FCC Scopes A1, A2, A3, and A4;
- 2- All Licensed radio frequency devices within FCC Scopes B1, B2, B3, and B4;
- 3- All Telephone Terminal Equipment within FCC Scope C.

- For the Canada (Innovation, Science and Economic Development 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 Equipment Technical Standards (BETS) in the Category I Equipment Standards List.
7. RSS-HAC Radio Scope 6 Hearing Aid Compatibility and Volume Control

- For Singapore (Info-Comm Media Development Authority (IMDA)):

- 1 All Line Terminal Equipment: All Technical Specifications for Line Terminal Equipment – Table 1 of IDA MRA Recognition Scheme: 2011, Annex 2 IMDA Phase I
2. All Radio-Communication Equipment: All Technical Specifications for Radio-Communication Equipment – Table 2 of IDA MRA Recognition Scheme: 2011, Annex 2 IMDA Phase II

- For the Hong Kong Special Administrative Region & (Office of the Communications Authority-OFCA) – APEC Tel MRA- Phase I and Phase II:

- 1 Radio Equipment, per KHCA 10XX-series Specifications; HKCA 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1010, 1015, 1016, 1019, 1020, 1022, 1026, 1033, 1034, 1035, 1036, 1037, 1039, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1052, 1053, 1054, 1056, 1057, 1061, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1080, 1081

- 2 GMDSS Marine Radio Equipment, per HKCA 12XX-series Specifications; HKCA 1218, 1223, 1224, 1225, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1277, 1281, 1282, 1283
- 3 Fixed Network Equipment, per HKCA 20XX-series Specifications; HKCA 2001, 2011, 2014, 2015, 2017, 2026, 2027, 2028, 2029, 2030, 2031

- For Japan:

- 1 MIC Telecommunication Business Law (Terminal Equipment):
 - All Scope A1 - Terminal Equipment for the Purpose of Calls;
 - All Scope A2 - Other Terminal Equipment
- 2 Radio Law (Radio Equipment):
 - All Scope B1 - Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 1 of the Radio Law
 - All Scope B2 - Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 2 of the Radio Law
 - All Scope B3 - Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 3 of the Radio Law

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

- 1 Appliances:
 - for Clothes Washers (ver. 8.1)
 - for Residential Dishwashers (ver. 6.0)
 - for Residential Refrigerators and/or Freezers (ver. 5.0)
- 2 Commercial Food Service Equipment:
 - for Commercial Dishwashers (ver. 3.0)
 - for Commercial Ice Machines (ver. 3.0)
- 3 Data Center Equipment:
 - for Large Network Equipment (ver. 1.1)
- 4 Electronics and Office Equipment:
 - for Audio/Video Equipment (ver. 3.0)
 - for Computers (ver. 8.0)
 - for Data Center Storage (ver. 2.1)
 - for Displays (ver. 8.0)
 - for Enterprise Servers (ver. 4.0)
 - for Imaging Equipment (ver. 3.1)
 - for Set-top Boxes & Cable Boxes (ver. 5.1)
 - for Small Network Equipment (ver. 1.0)
 - for Telephony (ver. 3.0)
 - for Televisions (ver. 9.0), Title 10 Chapter II CFR Part 430 Subpart B –Appendix BB, Title 10 Chapter II CFR Part 430 Subpart B –Appendix DD
- 3 Lighting and Fans
 - for Decorative Light Strings (ver. 1.5)
 - for Downlights (ver. 1.0)
 - for Lamps (Light Bulbs)(ver. 2.1)
 - for Luminaires (including sub-components) (ver. 2.2)
 - for Residential Ceiling Fans (ver. 4.0)
 - for Residential Ventilating Fans (ver. 4.1)

4 Other

- for Residential Ceiling Fans (ver. 4.0)
- for Electric Vehicle Supply Equipment (ver. 1.2)(Electric Vehicle Supply Equipment Final Test Method for DC-output EVSE Rev March 2021)
- for Water Coolers (ver. 3.0)
- for Smart Home Energy Management Systems (ver. 1.1)

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

1. For the USA (Federal Communications Commission), as a Telecommunications Certification Body (TCB):
 - All Unlicensed radio frequency devices within FCC Scopes A1, A2, A3, and A4;
 - All Licensed radio frequency devices within FCC Scopes B1, B2, B3, and B4;
 - All Telephone Terminal Equipment within FCC Scope C.
2. Canada (ISED Canada) Foreign Certification Body – FCB – APEC Tel MRA -Phase I & Phase II:
 - Phase I Designation Letter
 - Phase II ISED Canada recognition as a Product Certification Body for unlicensed wireless devices, licensed radios, radars, etc.:
3. For Singapore (InfoComm Media Development Authority (IMDA)) APEC Tel MRA -Phase I & Phase II:
 - All Line Terminal Equipment: All Technical Specifications for Line Terminal Equipment – Table 1 of IDA MRA Recognition Scheme: 2011, Annex 2 IMDA Phase I
 - All Radio-Communication Equipment: All Technical Specifications for Radio-Communication Equipment – Table 2 of IDA MRA Recognition Scheme: 2011, Annex 2 IMDA Phase II
4. For the Hong Kong Special Administrative Region & (Office of the Communications Authority – OFCA) – APEC Tel MRA -Phase I & Phase II:
 - NIST Phase I Scope Recognition Letter from OFCA for BACL –US0057
 - OFCA Phase II Designation Letter
5. For Japan (Ministry of Communications):
 - NIST Japan Recognition
 - MIC Telecommunication Business Law (Terminal Equipment):
 1. All Scope A1 – Terminal Equipment for the Purpose of Calls;
 2. All Scope A2 – Other Terminal Equipment
 - Radio Law (Radio Equipment):
 1. All Scope B1 – Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 1 of the Radio Law
 2. All Scope B2 – Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 2 of the Radio Law
 3. All Scope B3 – Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 3 of the Radio Law
 - Japan VCCI – Voluntary Control Council for Interference US-Japan Telecom Treaty (VCCI Side Letter)
 1. VCCI Certificate
 - Japan Registered Certification Body
 1. RCB Recognition Letter

6. European Union:
 - Radio Equipment Directive [RED] 2014/53/EU US-EU EMC & Telecom MRA CAB (NB)
 - EMC Directive [EMCD] 2014/30/EU US-EU EMC & Telecom MRA CAB (NB):
7. Australia ACMA (Australian Communication and Media Authority) – APEC Tel MRA -Phase I:
 - Phase I Designation Letter
8. Chinese Taipei (Republic of China – Taiwan):
 - NCC (National Communications Commission) APEC Tel MRA -Phase I
9. Republic of Korea (Ministry of Communications – Radio Research Laboratory) APEC Tel MRA - Phase I:
 - NIST Phase I Scope Update Notification Letter from Korea for BACL
10. Vietnam APEC Tel MRA -Phase I (page 13)
 - Vietnam (MIC) NIST Phase I Scope
11. Indonesia SDPPI (page 6)
 - Phase I Listing
12. Israel Phase I
 - NIST Phase I Scope Update Recognition Letter from Israel for BACL –US0057
13. UK Radio and EMC NIST Designation Letters
 - UK website: <https://www.gov.uk/uk-market-conformity-assessment-bodies/bay-area-compliance-laboratories-corp-bacl>
 1. Electromagnetic Compatibility Regulations (SI 2016/1091)
https://assets.publishing.service.gov.uk/media/5fe1e344e90e07452fce4e5a/AB_1313_BACL_UK EMC_Regs_NIST_Designation_Extended.pdf
 2. Radio Equipment Regulations 2017 (SI 2017/1206)
https://assets.publishing.service.gov.uk/media/5fe1e351e90e074525bf7be6/AB_1313_BACL_UK_Radio_Regs_NIST_Designation_Extended.pdf
14. IFT Mexico Phase I
 - NIST Phase I New Recognition Letter from Mexico for BACL – US0057
15. Taiwan (BSMI) Phase 1 Designation Letter and designation form.
 - NIST Phase I Scope Update Designation Letter to BSMI for BACL – US0057
 - NIST Phase I Scope Update Designation Form to BSMI for BACL – US0057

2 System Test Configuration

2.1 Justification

The EUT was configured for testing according to FCC CFR47 §15.407(h), ISEDC RSS-247 Issue 4, July 2025 and FCC KDB 789033 D02 General UNII Test Procedures New Rules v02.

2.2 EUT Exercise Software

The exercising software used to configure the EUT was “TeraTerm”, with the test commands provided by *Cisco Systems, Inc.* The exercising software used to generate traffic was “iperf3”. The software is compliant with the standard requirements being tested against.

The EUT image build version:

Mon 07 Jul 2025 05:03:01 PM UTC

596ab425b3b3

/san/BUILD/workspace/c1718_throttle_yocto/label/yocto_ap1g6a/meraki-router/yocto/build/tmp/work/axel_qca-cisco-linux/cheetah-rootfs-files/1.0-r0/git

* (HEAD detached at 187997e2262)

svn base: 187997e2262430acabdafa298c7d229d6afcb078

commit: 187997e2262430acabdafa298c7d229d6afcb078

tree 7d28ab2645c3ec56799824c87120845448057305

Radio	Channel	Frequency (MHz)	Bandwidth (MHz)
5 GHz Primary 4x4 Radio + 5 GHz AUX Radio	100	5500	20
	102	5510	40
	106	5530	80
	114	5570	80+80

2.3 Equipment Modification

No modifications were made to the EUT during testing.

2.4 Local Support Equipment

Manufacturer	Description	Model	Serial Number
Cisco Systems, Inc.	Catalyst Wireless Controller	CW9800L	FVN2921Y01L
Cisco Systems, Inc.	Catalyt Rugged Switch	IE-3300-8U2X-E	FCW2510PMWG
Cisco Systems, Inc.	DIN-rail Power Supply	TPSN-170AB A	DTH1909012C
Cisco Systems, Inc.	Catalyst Heavy Duty AP	IW9167EH-B	KWC27400MUC
Cisco Systems, Inc.	Catalyst Heavy Duty AP	IW9167EH-B	KWC28280J4Q
Dell	Laptop (x3)	Latitude 5401	Varies

2.5 Remote Support Equipment

None

2.6 Power Supply and Line Filters

Manufacturer	Description	Model	Serial Number
Meanwell	AC/DC Adaptor	GS60A48-CIS2	SC111K6094

2.7 Interface Ports and Cabling

Cable Description	Length (m)	From	To
Power	0.5	EUT	AC/DC Adaptor
RJ45	3.0	EUT	Switch
RJ45-to-USB	3.0	EUT	Laptop

3 Summary of Test Results

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

BACL is responsible for all the information provided in this report, except when information is provided by the customer as identified in this report. Information provided by the customer, e.g., antenna gain, can affect the validity of results.

4 DFS Test Overview

4.1 Test Applicability and Technical Requirements

As per KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v02 Section 5:

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

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

Table 2: Applicability of DFS requirements during normal operation

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

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required

Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.

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

Maximum Transmit Power	Value (See Notes 1, 2 and 3)
EIRP $\geq$ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

Table 4: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds <i>See Note 1.</i>
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. <i>See Notes 1 and 2.</i>
U-NII Detection Bandwidth	Minimum 100% of the UNII 99% transmission power bandwidth. <i>See Note 3.</i>
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

4.2 Radar Waveform Parameters

As per KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v02 Section 6:

Table 5: Short Pulse Radar Test Waveforms

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

Table 6: Long Pulse Radar Test Signal

Radar Type	Bursts	Chirp Width (MHz)	PRI (usec)	Number of Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

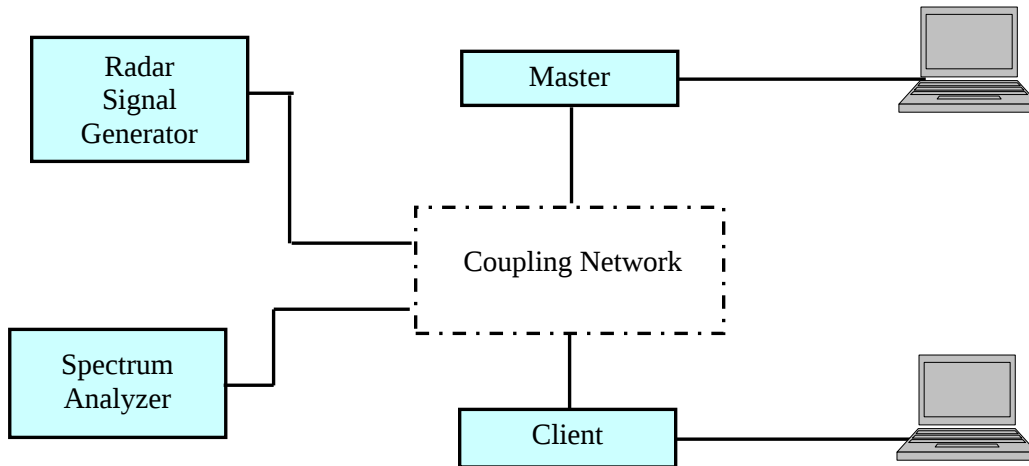
Table 7: Frequency Hopping Radar Test Signal

Radar Type	Pulse Width (usec)	PRI (usec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

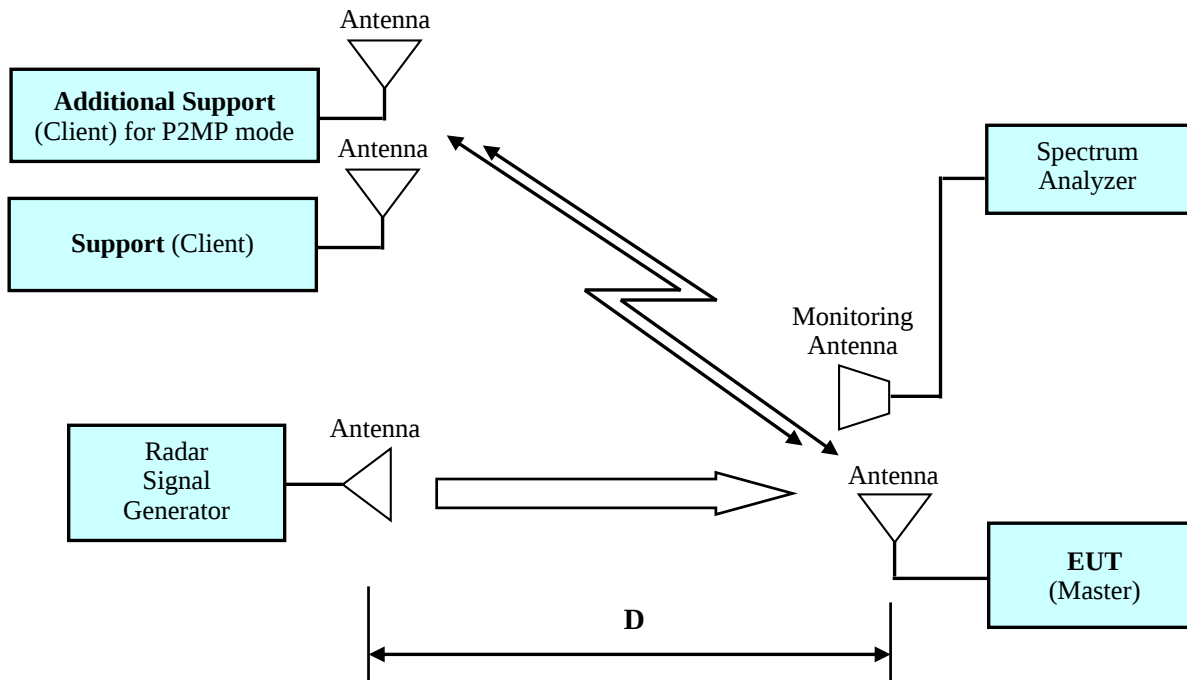
4.3 DFS Measurement System

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

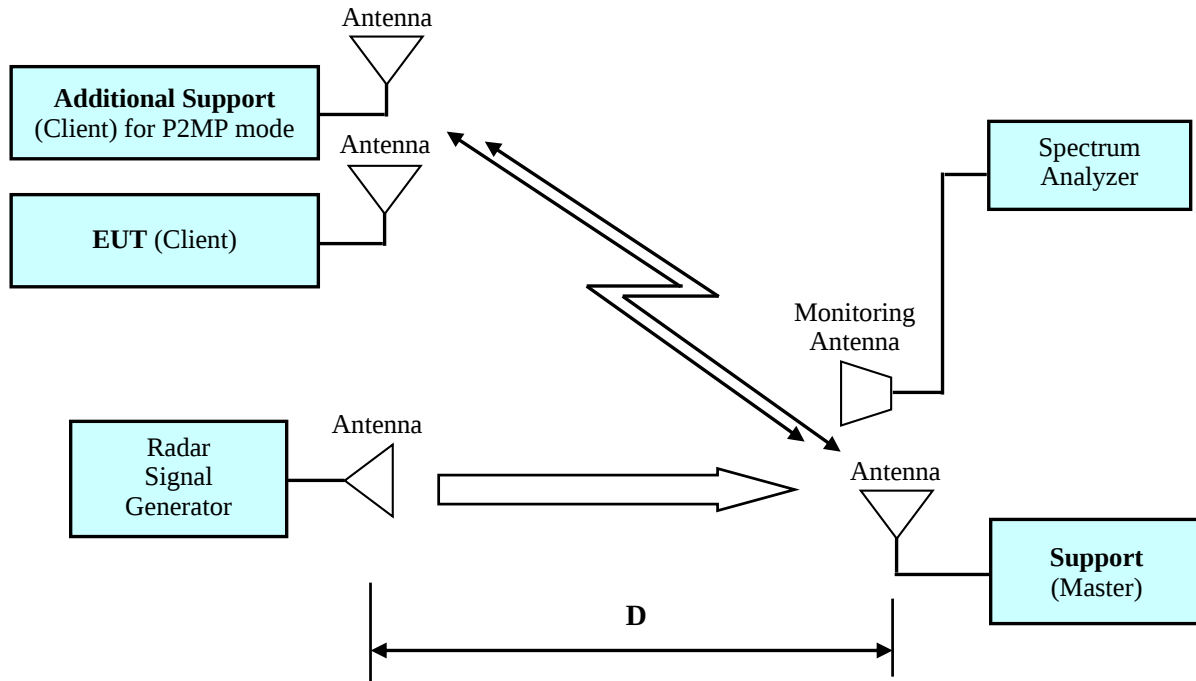
4.4 Test System Block Diagram



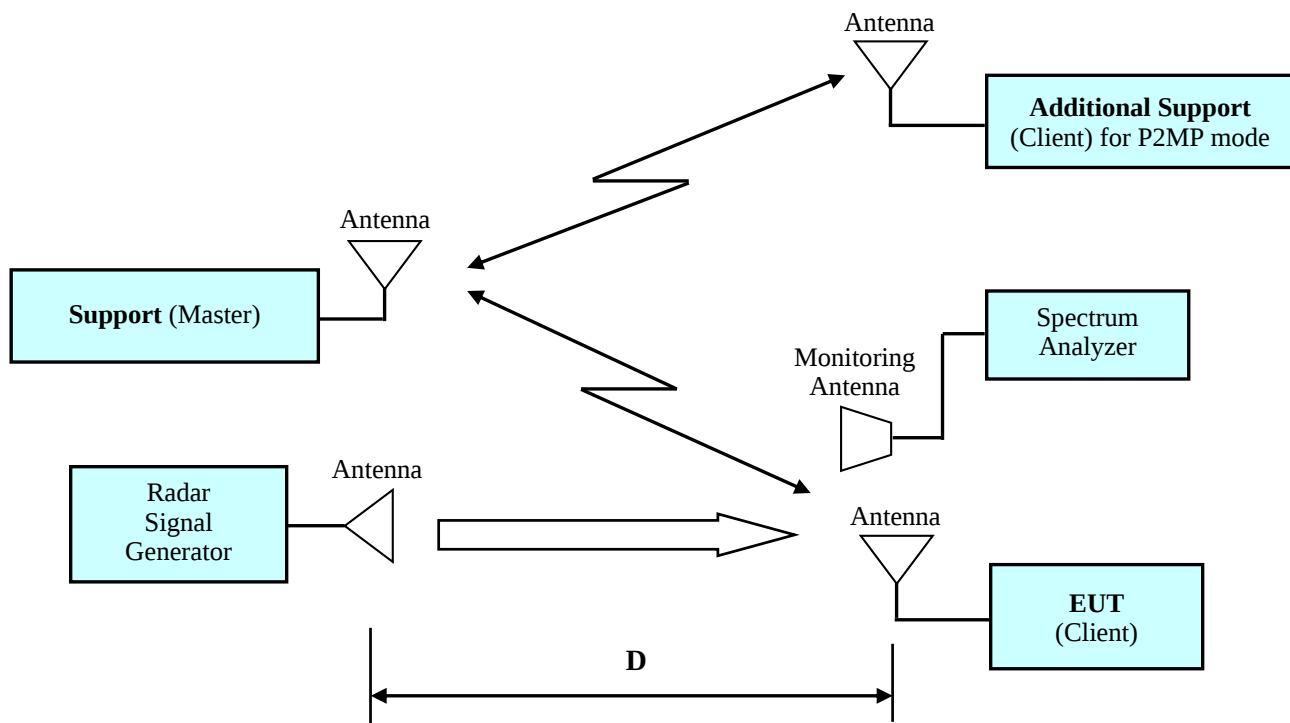
4.5 Test Setup Block Diagram (Radiated Method)



Test Setup for Master Mode, Radar Injection at Master (P2P and P2MP)

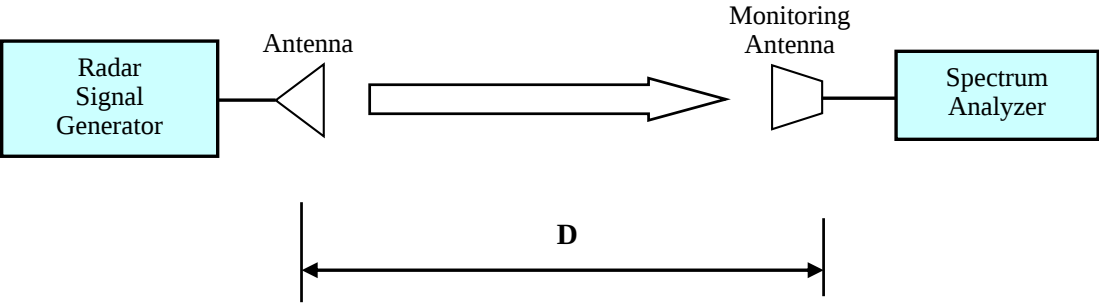


Test Setup for Client Mode, Radar Injection at Master



Test Setup for Client Mode, Radar Injection at Client

4.6 Radar Waveform Calibration Setup Block Diagram (Radiated Method)



5 Test Information

5.1 Radar Traffic Duty Cycle and Calibration Threshold

Radio Type	Operation Mode	Lowest Antenna Gain (dBi)	EIRP (dBm)	Detection Threshold Assuming 0 dBi Antenna Gain (dBm)	Detection Threshold at the Antenna (dBm)
5 GHz Primary 4x4 Radio + 5 GHz AUX Radio	P2P	9 ^{Note 2}	> 23	-64	-64 ^{Note 1}
	P2MP	7 ^{Note 3}	> 23	-64	-64 ^{Note 1}
	Client	7 ^{Note 3}	> 23	-64	-64 ^{Note 1}

Note 1: Detection Threshold level for DFS test using Radiated method is fixed at -64 dBm regardless of Antenna Gain.

Note 2: Testing was performed using C9124AXD-B as C9124AXI-B doesn't support P2P mode.

Note 3: Testing was performed using C9124AXI-B as the worst-case (lower antenna gain) for P2MP and Client modes.

Please refer to Annex A for Radar Traffic Duty Cycle plots.

Please refer to Annex B for Radar Wave Calibration plots.

5.2 EUT Antenna Information

C9124AXI-x family

Antenna Type	Radio	Antenna Part Number	Frequency (MHz)	Antenna Gain (dBi)
Internal, Omni-Directional	5 GHz Primary 4x4	-	5150-5850	7.0
Internal, Omni-Directional	5 GHz AUX	-	5150-5850	7.0

C9124AXD-x family

Antenna Type	Radio	Antenna Part Number	Frequency (MHz)	Antenna Gain (dBi)
Internal, Directional	5 GHz Primary 4x4	-	5150-5850	9.0
Internal, Directional	5 GHz AUX	-	5150-5850	9.0

5.3 Test Equipment List and Details

BACL No	Manufacturer	Description	Model No.	Serial No.	Calibration Date	Calibration Interval
624	Agilent	Spectrum Analyzer	E4446A	MY48250238	2025-06-09	1 year
688	Keysight Technologies	MXG Vector Signal Generator	N5182B	MY51350070	2024-10-30	1 year
187	A.R.A.	Antenna Horn	DRG-118/A	1132	2024-05-23	2 years
473	EMCO	Antenna Horn	3115	9511-4627	2024-11-26	2 years
-	-	RF Cables	-	-	Each Time ¹	Each Time ¹

Note¹: cables were checked each time before testing.

Statement of Traceability: *BACL Corp. attests that all of the calibrations on the equipment items listed above were traceable to NIST or to another internationally recognized National Metrology Institute (NMI), and were compliant with the latest version of A2LA policy P102 "A2LA Policy on Metrological Traceability".*

5.4 Test Environmental Conditions

Temperature:	23.9 to 24.5 °C
Relative Humidity:	53 to 55 %
ATM Pressure:	101.7 kPa

The testing was performed by Shankar Pangeni, Michael Papa, and Kevin Chau from 8/1/2025 to 8/5/2025 at DFS test site.

6 Performance Requirements Check

6.1 Test Procedure

Channel Availability Check (CAC)

1. Use TeraTerm to send commands to the EUT and using commands provided by the manufacturer, set mode to P2P/P2MP mode, channel to channel 106 with center frequency at 5530 MHz, and channel bandwidth to 80 MHz. After transmission begin, send the reboot command to power cycle the device. Measure and record the total time for the power cycle time and CAC time. Use the total time minus 60 seconds to determine the power cycle time.
2. Reboot the EUT again, apply a radar signal within 0~6 seconds after power cycle time ended, monitor the transmissions on channel from the spectrum analyzer. Check no transmission for 2.5 minutes after radar detection.
3. Reboot EUT, apply a radar signal within 54~60 seconds after the power cycle time ended, and monitor the transmission on channel from the spectrum analyzer. Check no transmission for 2.5 minutes after radar detection.

6.2 Channel Availability Check (CAC) Test Results

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio

Operation Mode	Timing of Radar Burst	Spectrum Analyzer Display	Result
P2P	No Radar Triggered	Total CAC Period 60 second	Pass
	Within 6s at the Beginning of CAC	No transmission	Pass
	Within 6s before the End of CAC	No transmission	Pass
P2MP	No Radar Triggered	Total CAC Period 60 second	Pass
	Within 6s at the Beginning of CAC	No transmission	Pass
	Within 6s before the End of CAC	No transmission	Pass

Please refer to Annex C for Channel Availability Check (CAC) plots.

7 In-Service Monitoring

7.1 Test Procedure

Channel Move and Closing Transmission Time

Radar type 0 is used to test the channel move time and channel closing transmission time.

The aggregate channel closing transmission time is calculated as follows:

$$\text{Aggregate Transmission Time} = N \times \text{Dwell Time}$$

where:

N is the number of spectrum analyzer bins showing a device transmission

Dwell Time is the dwell time per bin (i.e. Dwell Time = S/B, S is the sweep time and B is the number of bin, i.e. 8192)

Non-Occupancy Period

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

7.2 Channel Move Time Test Results

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (80 MHz)

Operation Mode	Channel Move Time (ms)	Limit (ms)	Result
P2P	< 10	10	Pass
P2MP	< 10	10	Pass
Client with Radar Detection (Injection at Master)	< 10	10	Pass
Client with Radar Detection (Injection at Client)	< 10	10	Pass

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (80+80 MHz)

Operation Mode	Channel Move Time (ms)	Limit (ms)	Result
P2P	< 10	10	Pass
P2MP	< 10	10	Pass
Client with Radar Detection (Injection at Master)	< 10	10	Pass
Client with Radar Detection (Injection at Client)	< 10	10	Pass

Please refer to Annex D for Channel Move Time plots.

7.3 Channel Closing Transmission Time Test Results

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (80 MHz)

Operation Mode	Channel Closing Transmission Time (ms)	Limit (ms)	Result
P2P	65.92+24.41	200+60	Pass
P2MP	68.36+7.32	200+60	Pass
Client with Radar Detection (Injection at Master)	12.21+9.77	200+60	Pass
Client with Radar Detection (Injection at Client)	19.53+12.21	200+60	Pass

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (80+80 MHz)

Operation Mode	Channel Closing Transmission Time (ms)	Limit (ms)	Result
P2P	26.86+0	200+60	Pass
P2MP	29.30+0	200+60	Pass
Client with Radar Detection (Injection at Master)	56.15+19.53	200+60	Pass
Client with Radar Detection (Injection at Client)	46.39+24.41	200+60	Pass

Please refer to Annex D for Channel Closing Transmission Time plots.

7.4 Non-Occupancy Period Test Results

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio

Operation Mode	Spectrum Analyzer Display	Limit (minutes)	Result
P2P	No transmission within 30 minutes	30	Pass
P2MP	No transmission within 30 minutes	30	Pass
Client with Radar Detection (Injection at Master)	No transmission within 30 minutes	30	Pass
Client with Radar Detection (Injection at Client)	No transmission within 30 minutes	30	Pass

Please refer to Annex E for Non-Occupancy Period plots.

8 Radar Detection

8.1 Test Procedure

Statistical Performance Check

1. Start iperf traffic from master device to client device
2. Generate radar waveform
3. Record whether or not the waveform was detected
4. Apply at least 30 trials for each radar type
5. For radar types with randomized parameters, each trial uses a unique waveform
6. Repeat the test with other radar types.
7. 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%
8. Confirm that the mean of the rates for radar types 1 through 4 meets the requirement of 80%

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

U-NII Detection Bandwidth

1. Perform with any one of the short pulse radar waveforms type 0
2. Starting at the center frequency of the EUT operating Channel, increase the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in Table 4. Repeat this measurement in 1MHz steps at frequencies 5 MHz below where the detection rate begins to fall. Record the highest frequency (denote as F_H) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies above F_H is not required to demonstrate compliance.
3. Starting at the center frequency of the EUT operating Channel, decrease the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in Table 4. Repeat this measurement in 1MHz steps at frequencies 5 MHz above where the detection rate begins to fall. Record the lowest frequency (denote as F_L) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies below F_L is not required to demonstrate compliance.
4. The U-NII Detection Bandwidth is calculated as follows: $\text{U-NII Detection Bandwidth} = F_H - F_L$

8.2 Statistical Performance Check Test Results

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (P2P Mode)

5500 MHz, 20 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	83.33	60%	Pass
Type 2	30	73.33	60%	Pass
Type 3	30	83.33	60%	Pass
Type 4	30	83.33	60%	Pass
Aggregate (Type 1 to 4)	120	80.83	80%	Pass
Type 5	30	80	80%	Pass
Type 6	30	96.66	70%	Pass

5510 MHz, 40 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	86.66	60%	Pass
Type 2	30	80	60%	Pass
Type 3	30	80	60%	Pass
Type 4	30	76.66	60%	Pass
Aggregate (Type 1 to 4)	120	80.83	80%	Pass
Type 5	30	80	80%	Pass
Type 6	30	100	70%	Pass

5530 MHz, 80 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	83.33	60%	Pass
Type 2	30	80	60%	Pass
Type 3	30	80	60%	Pass
Type 4	30	76.66	60%	Pass
Aggregate (Type 1 to 4)	120	80	80%	Pass
Type 5	30	100	80%	Pass
Type 6	30	100	70%	Pass

5570 MHz, 80+80 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	93.33	60%	Pass
Type 2	30	86.66	60%	Pass
Type 3	30	83.33	60%	Pass
Type 4	30	83.33	60%	Pass
Aggregate (Type 1 to 4)	120	86.66	80%	Pass
Type 5	30	100	80%	Pass
Type 6	30	100	70%	Pass

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (P2MP Mode)**5500 MHz, 20 MHz Bandwidth**

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	90	60%	Pass
Type 2	30	73.33	60%	Pass
Type 3	30	76.66	60%	Pass
Type 4	30	80	60%	Pass
Aggregate (Type 1 to 4)	120	80	80%	Pass
Type 5	30	100	80%	Pass
Type 6	30	96.66	70%	Pass

5510 MHz, 40 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	93.33	60%	Pass
Type 2	30	83.33	60%	Pass
Type 3	30	76.66	60%	Pass
Type 4	30	76.66	60%	Pass
Aggregate (Type 1 to 4)	120	82.5	80%	Pass
Type 5	30	100	80%	Pass
Type 6	30	100	70%	Pass

5530 MHz, 80 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	90	60%	Pass
Type 2	30	83.33	60%	Pass
Type 3	30	76.66	60%	Pass
Type 4	30	83.33	60%	Pass
Aggregate (Type 1 to 4)	120	83.33	80%	Pass
Type 5	30	90	80%	Pass
Type 6	30	100	70%	Pass

5570 MHz, 80+80 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	96.66	60%	Pass
Type 2	30	90	60%	Pass
Type 3	30	90	60%	Pass
Type 4	30	90	60%	Pass
Aggregate (Type 1 to 4)	120	91.66	80%	Pass
Type 5	30	100	80%	Pass
Type 6	30	100	70%	Pass

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (Client Mode with Radar Detection)**5500 MHz, 20 MHz Bandwidth**

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	96.66	60%	Pass
Type 2	30	83.33	60%	Pass
Type 3	30	83.33	60%	Pass
Type 4	30	90	60%	Pass
Aggregate (Type 1 to 4)	120	83.33	80%	Pass
Type 5	30	100	80%	Pass
Type 6	30	100	70%	Pass

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	76.66	60%	Pass
Type 3	30	76.66	60%	Pass
Type 4	30	80	60%	Pass
Aggregate (Type 1 to 4)	120	83.33	80%	Pass
Type 5	30	100	80%	Pass
Type 6	30	100	70%	Pass

5530 MHz, 80 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	90	60%	Pass
Type 2	30	83.33	60%	Pass
Type 3	30	80	60%	Pass
Type 4	30	73.33	60%	Pass
Aggregate (Type 1 to 4)	120	81.66	80%	Pass
Type 5	30	96.66	80%	Pass
Type 6	30	100	70%	Pass

5570 MHz, 80+80 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100	60%	Pass
Type 2	30	100	60%	Pass
Type 3	30	90	60%	Pass
Type 4	30	90	60%	Pass
Aggregate (Type 1 to 4)	120	95	80%	Pass
Type 5	30	100	80%	Pass
Type 6	30	100	70%	Pass

Please refer to Annex F for detailed Radar Detection Statistical Performance Check test results.

8.3 U-NII Detection Bandwidth Test Results

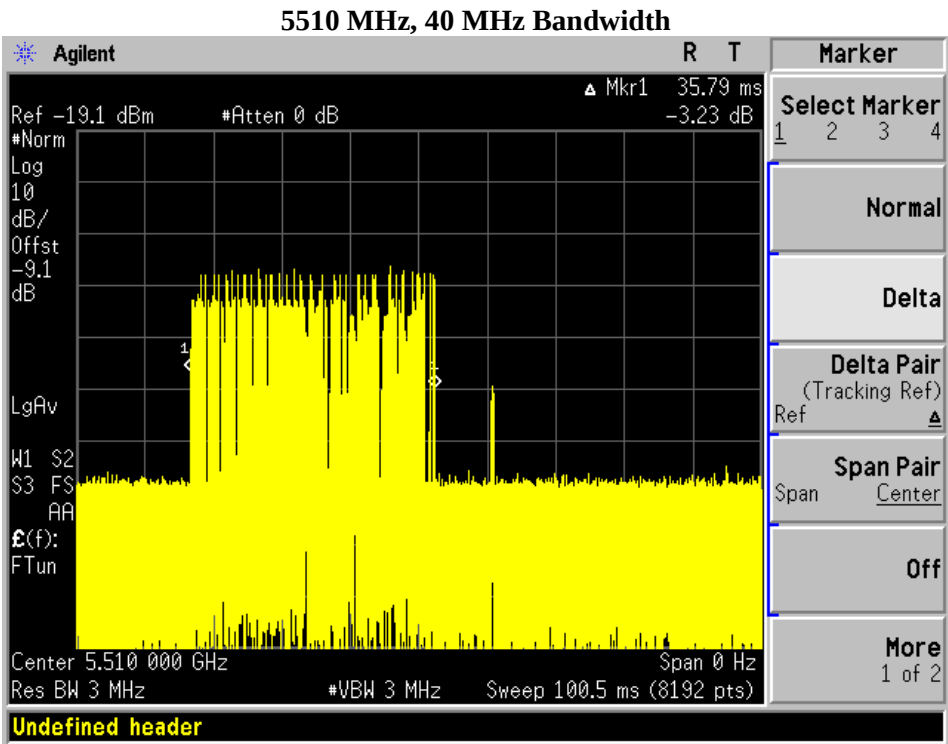
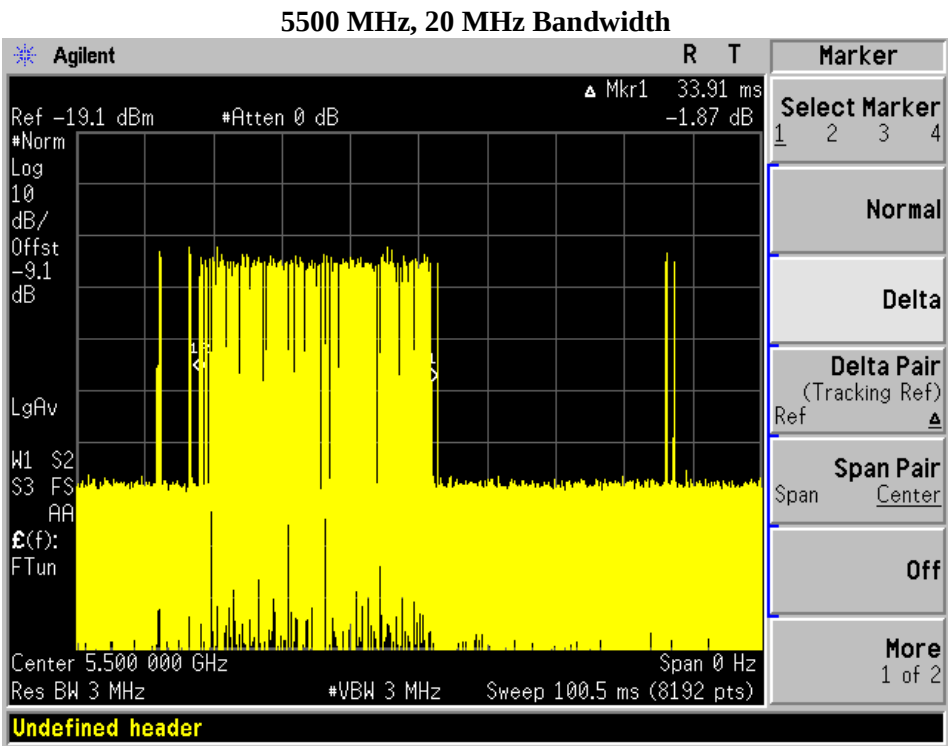
5 GHz Primary 4x4 Radio + 5 GHz AUX Radio

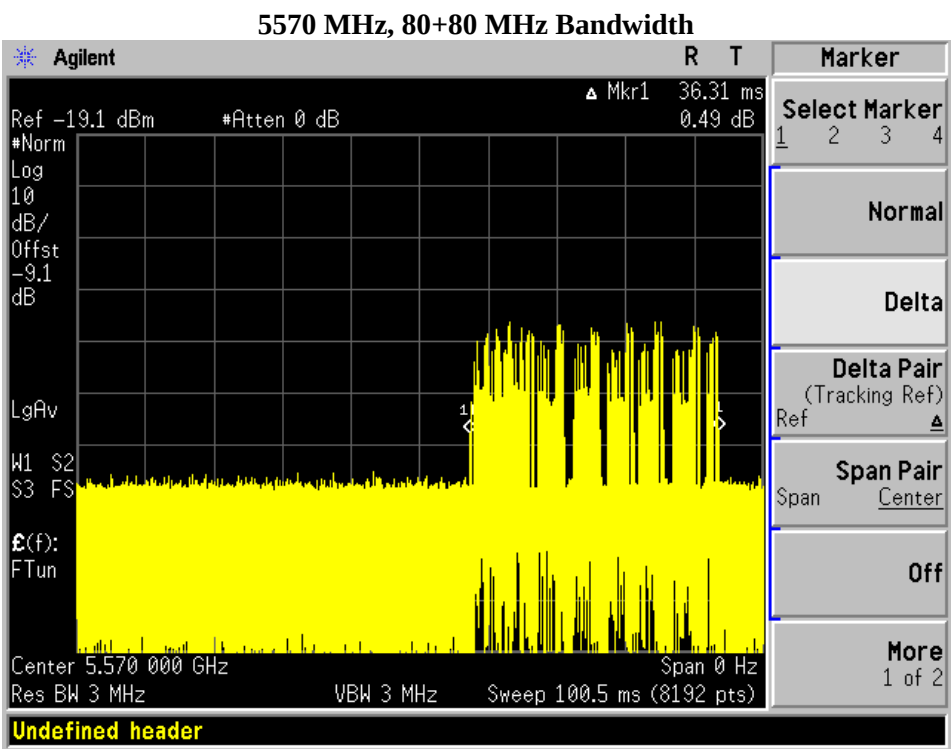
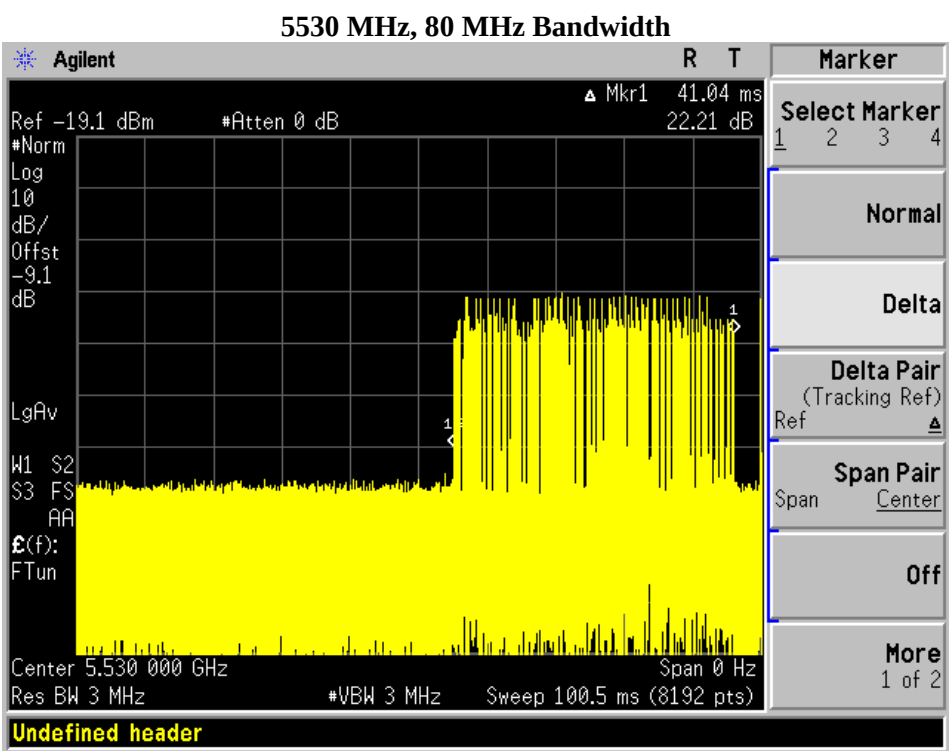
Operation Mode	F _L (MHz)	F _H (MHz)	Detection Bandwidth (MHz)	Detection Rate (%)	Minimum Limit (%)	Result
P2P	5490	5510	20	100	100	Pass
	5491	5530	39	100	100	Pass
	5491	5569	78	100	100	Pass
	5490	5650	160	100	100	Pass
P2MP	5490	5510	20	100	100	Pass
	5490	5530	40	100	100	Pass
	5490	5570	80	100	100	Pass
	5490	5650	160	100	100	Pass
Client with Radar Detection	5490	5510	20	100	100	Pass
	5490	5530	40	100	100	Pass
	5490	5570	80	100	100	Pass
	5490	5650	160	100	100	Pass

Please refer to Annex G for detailed U-NII Detection Bandwidth test results.
Please refer to Annex H for detailed OBW Measurement plots.

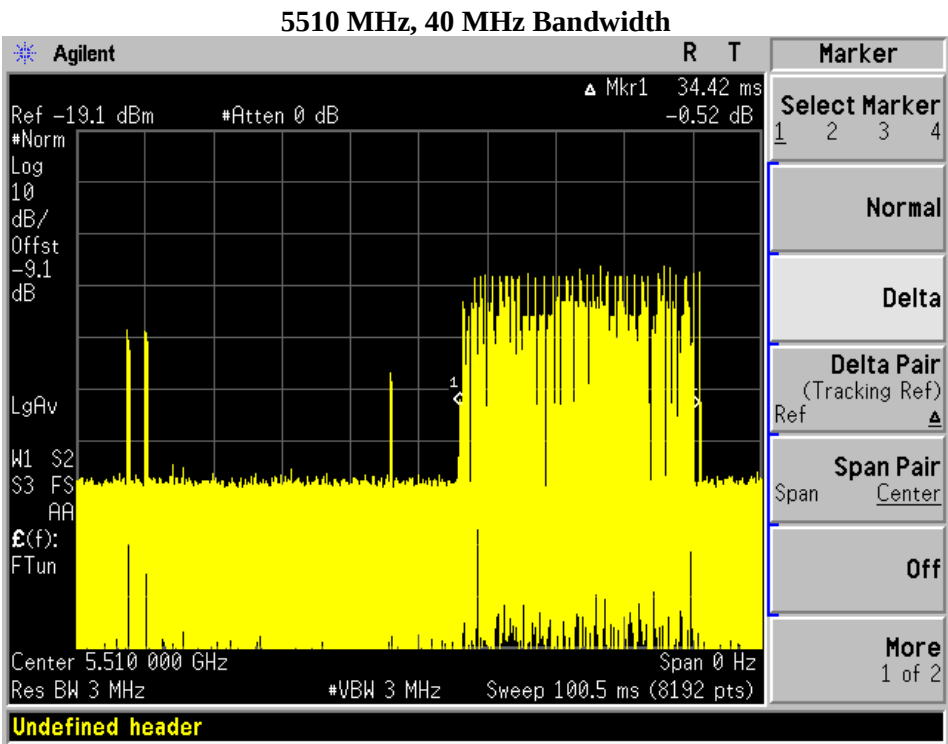
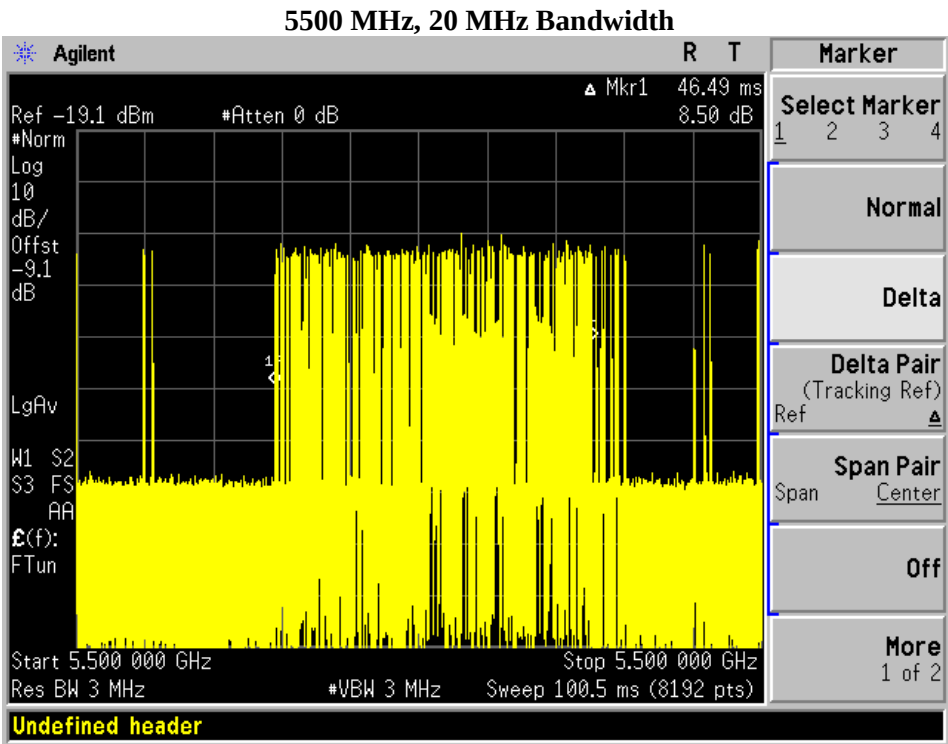
9 Annex A – Radar Duty Cycle Plots

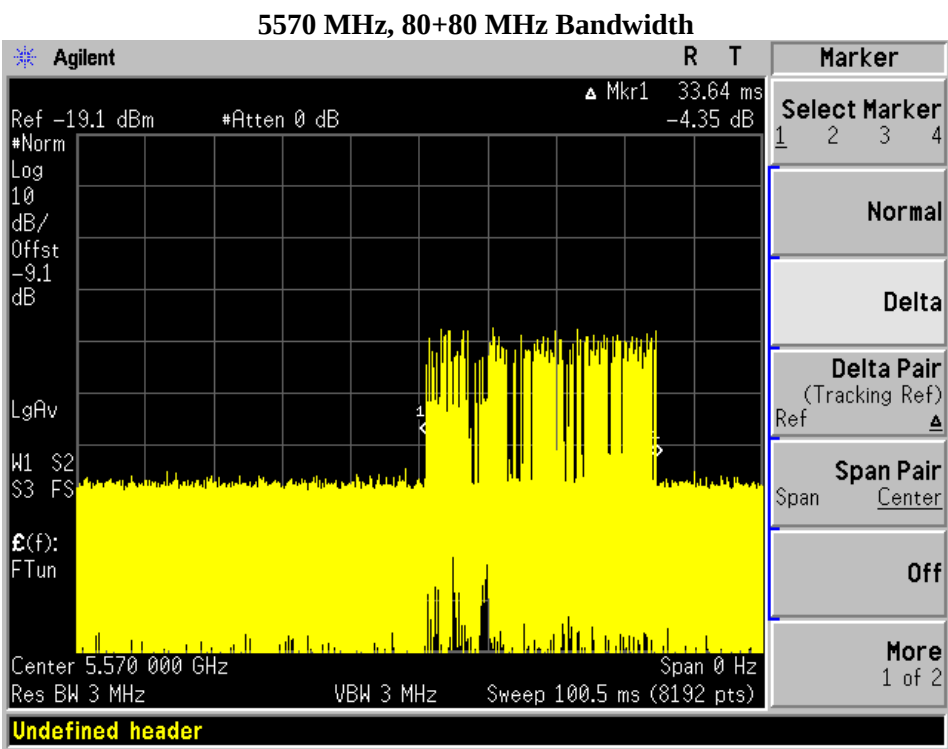
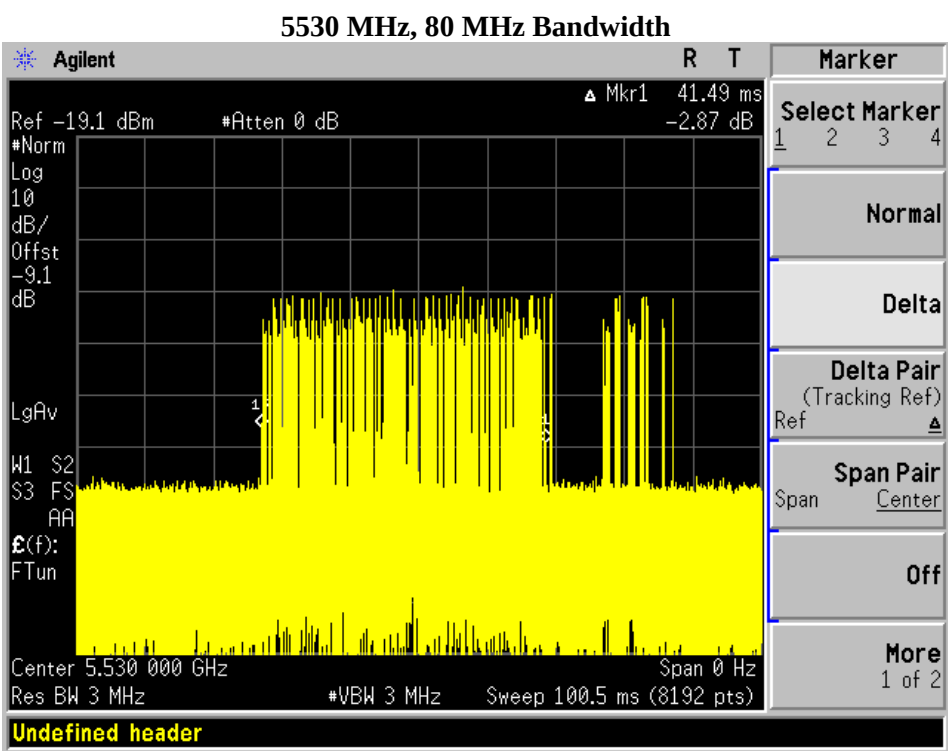
5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (P2P Mode)



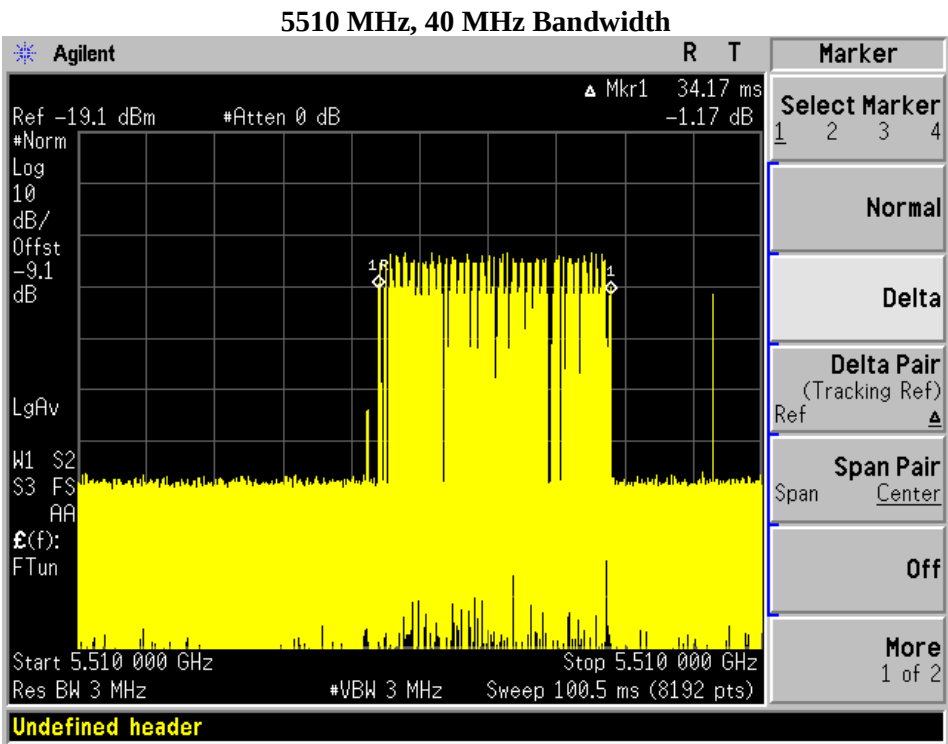
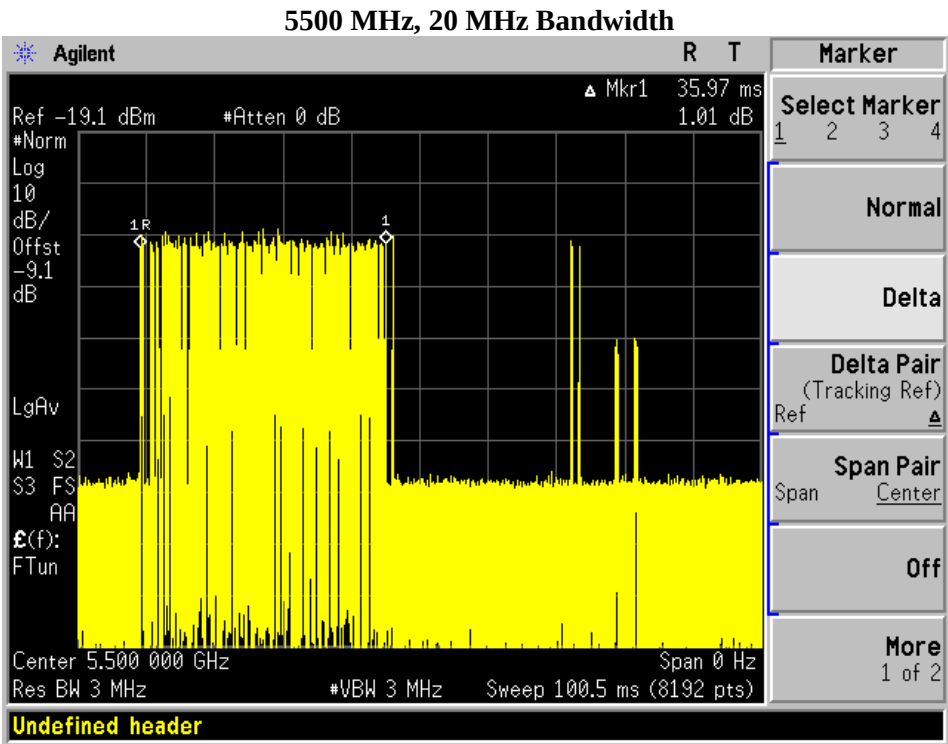


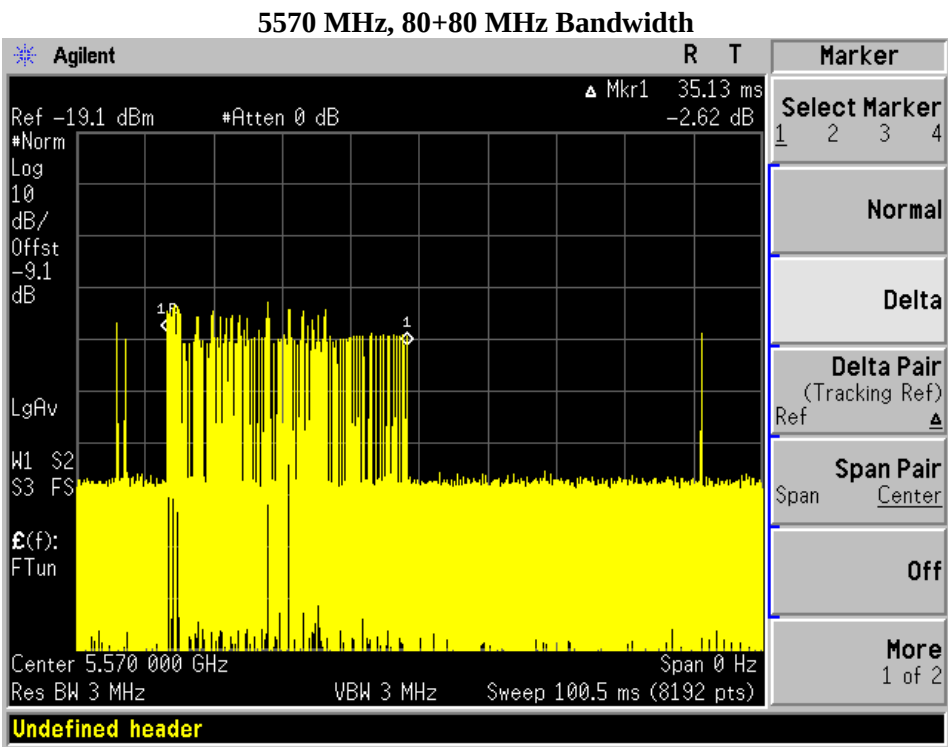
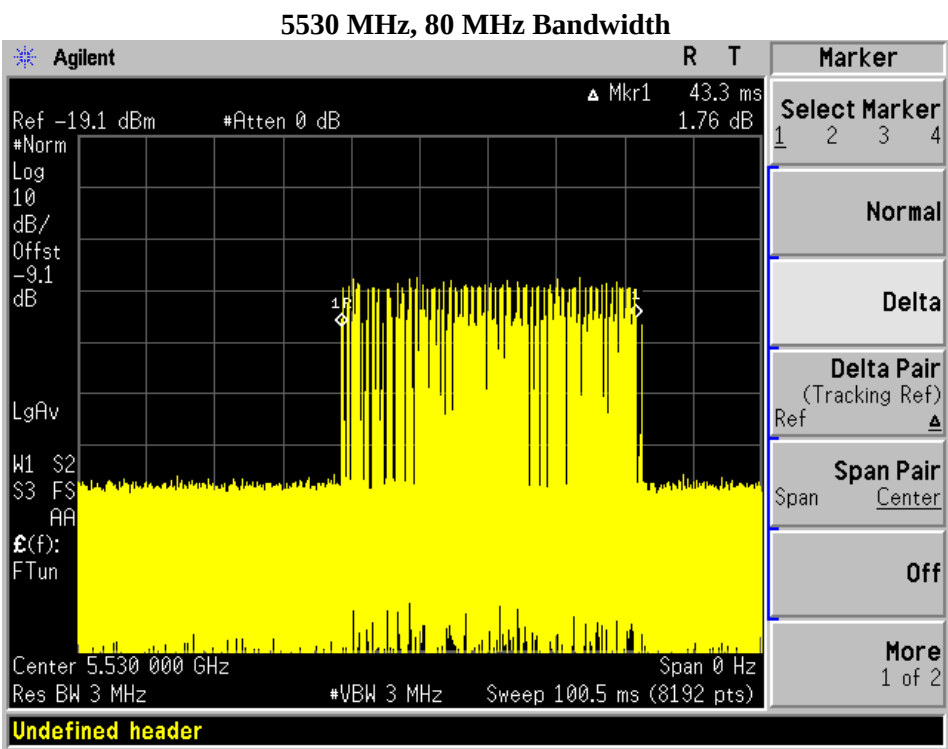
5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (P2MP Mode)





5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (Client with Radar Detection Mode)

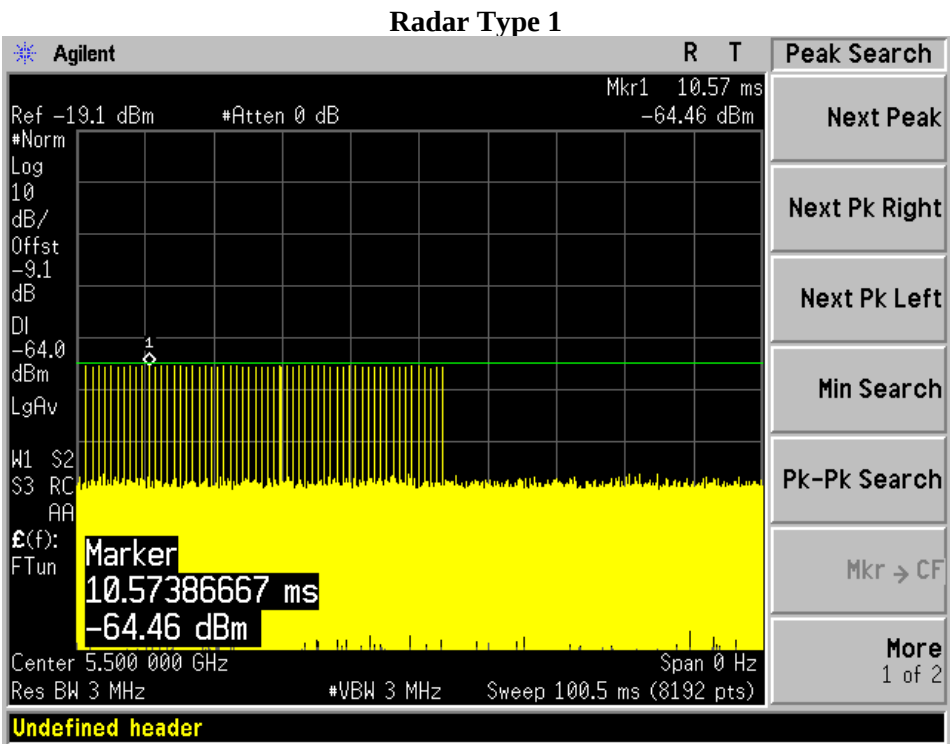
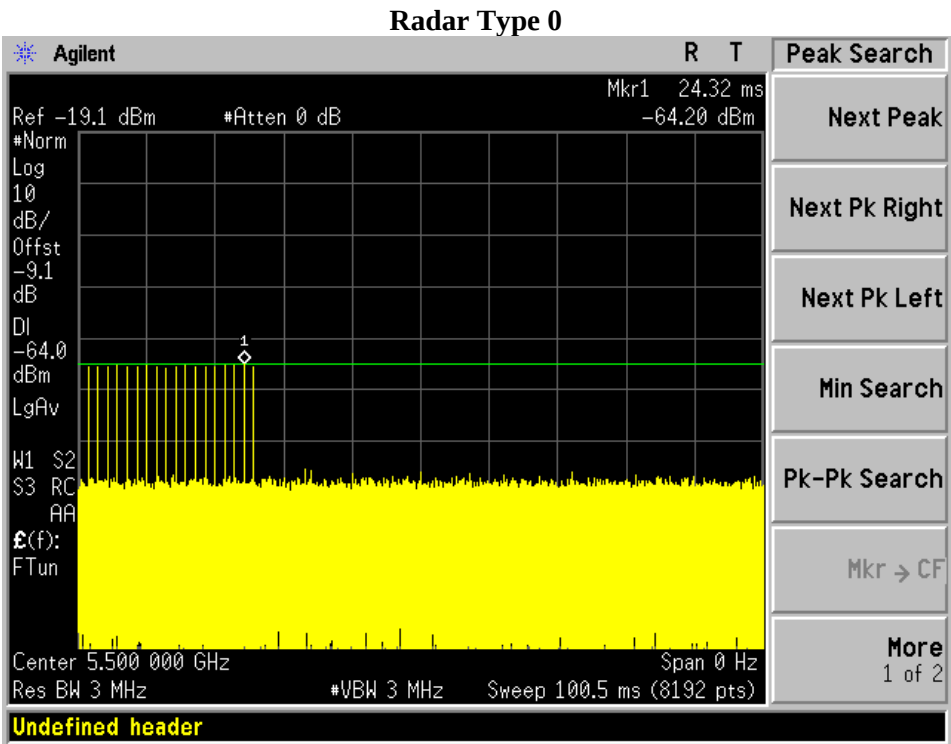


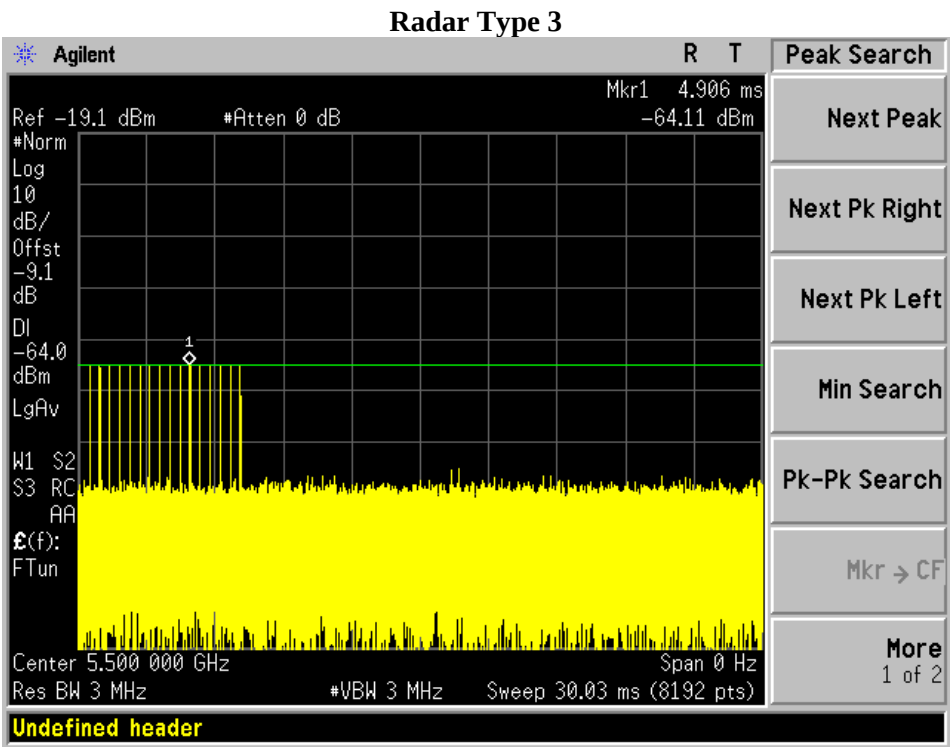
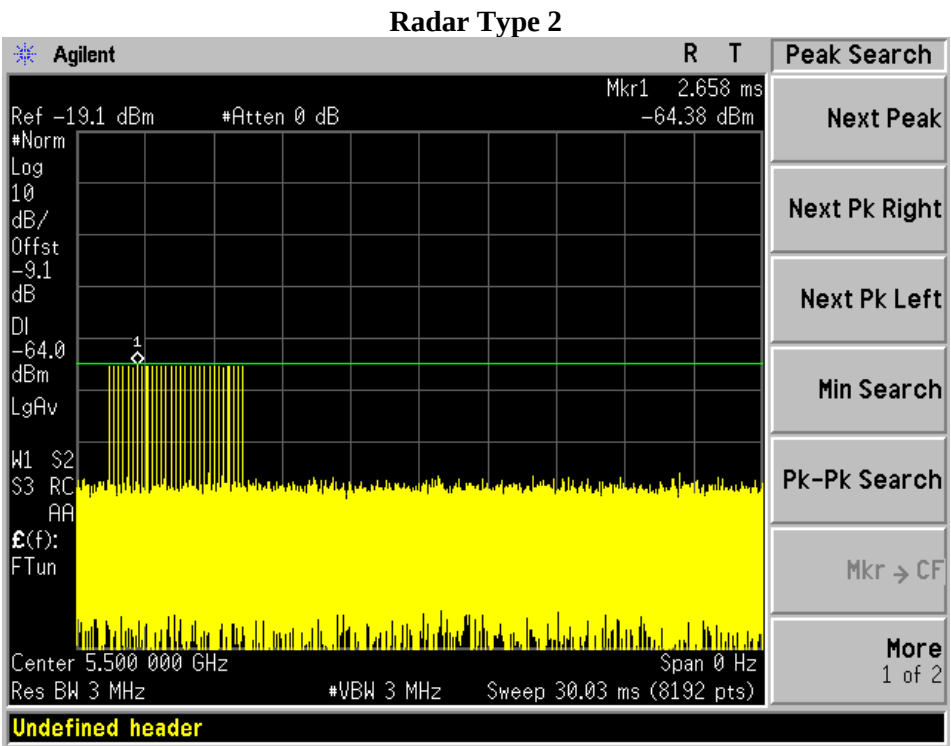


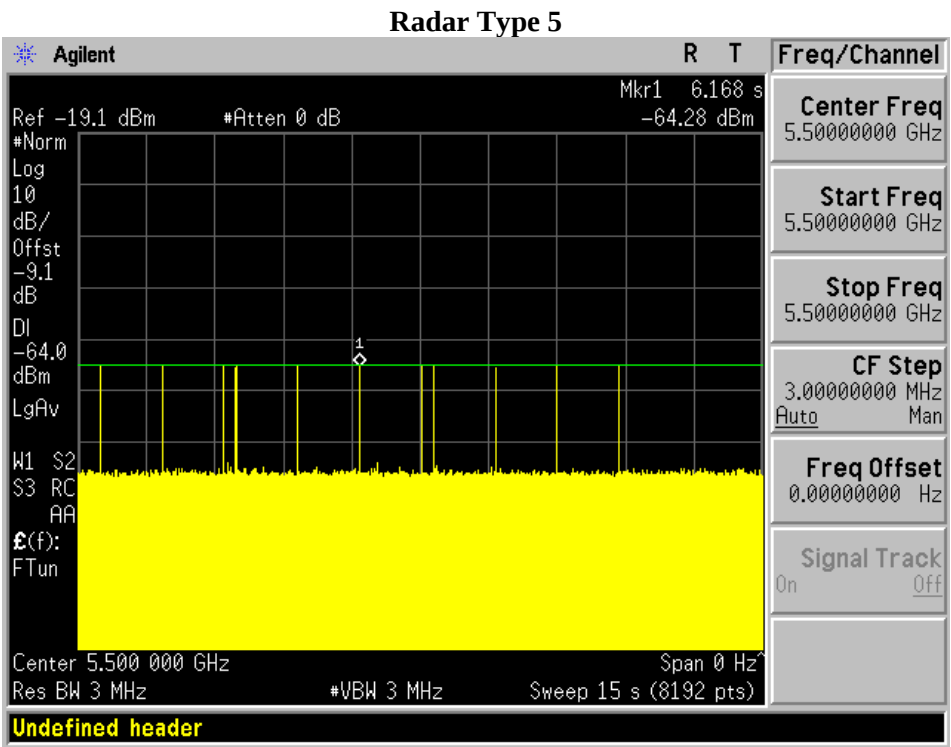
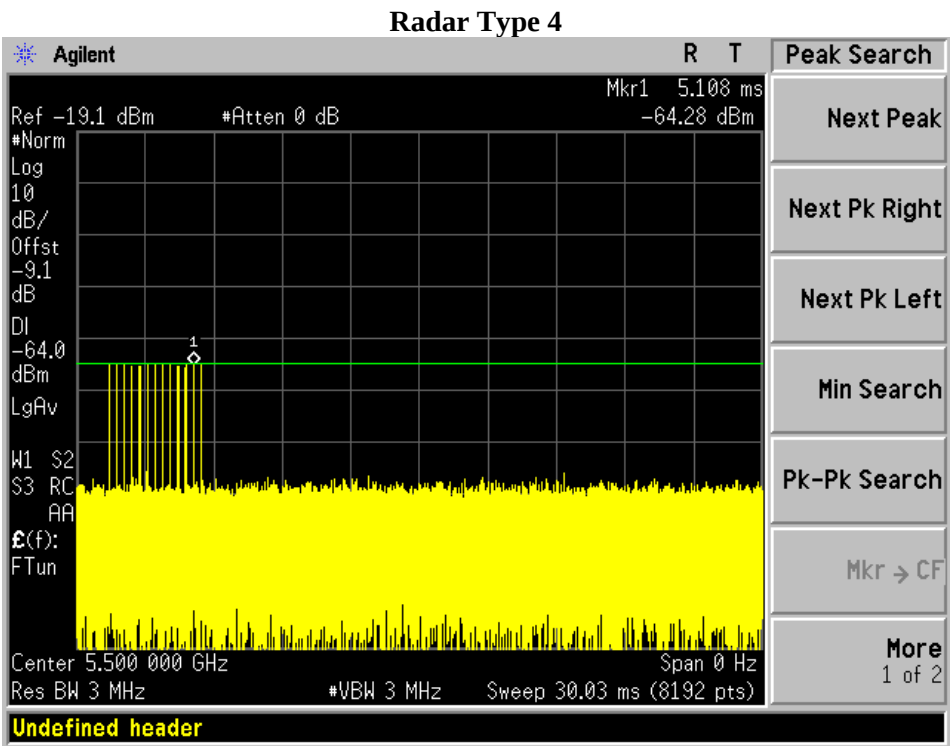
10 Annex B – Radar Waveform Calibration Plots

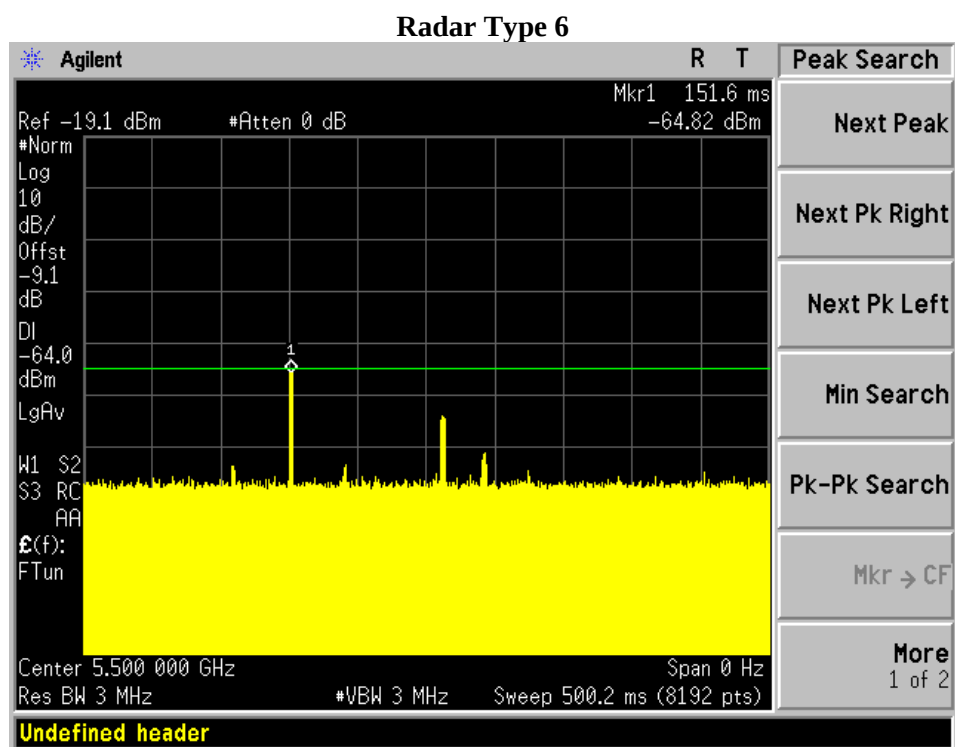
P2P, P2MP, and Client with Radar Detection Mode for both Radios

5500 MHz, 20 MHz Bandwidth

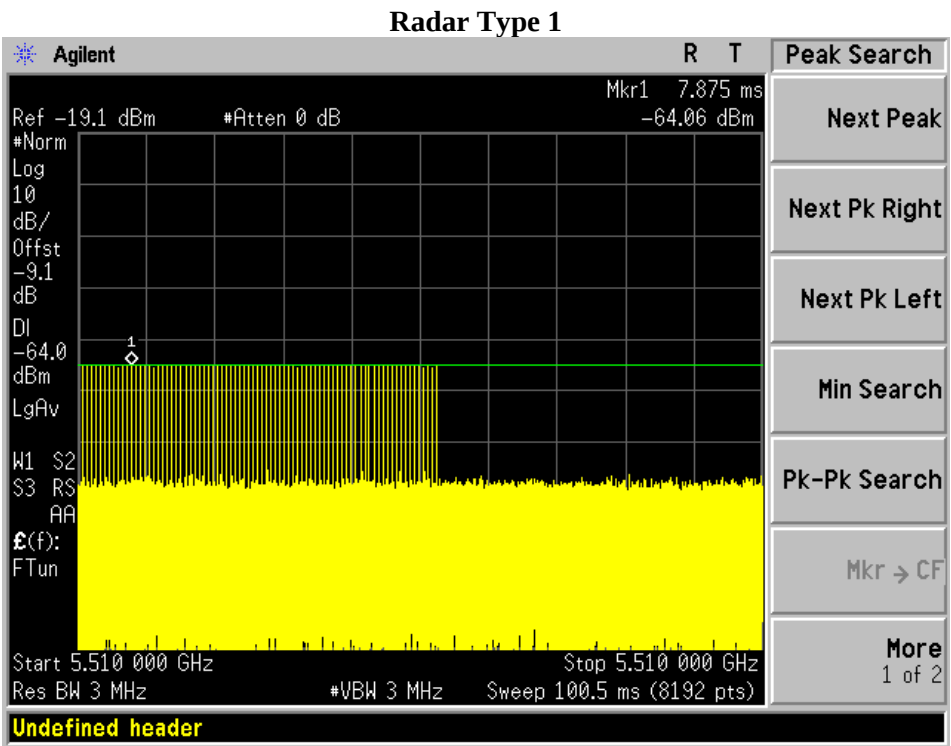
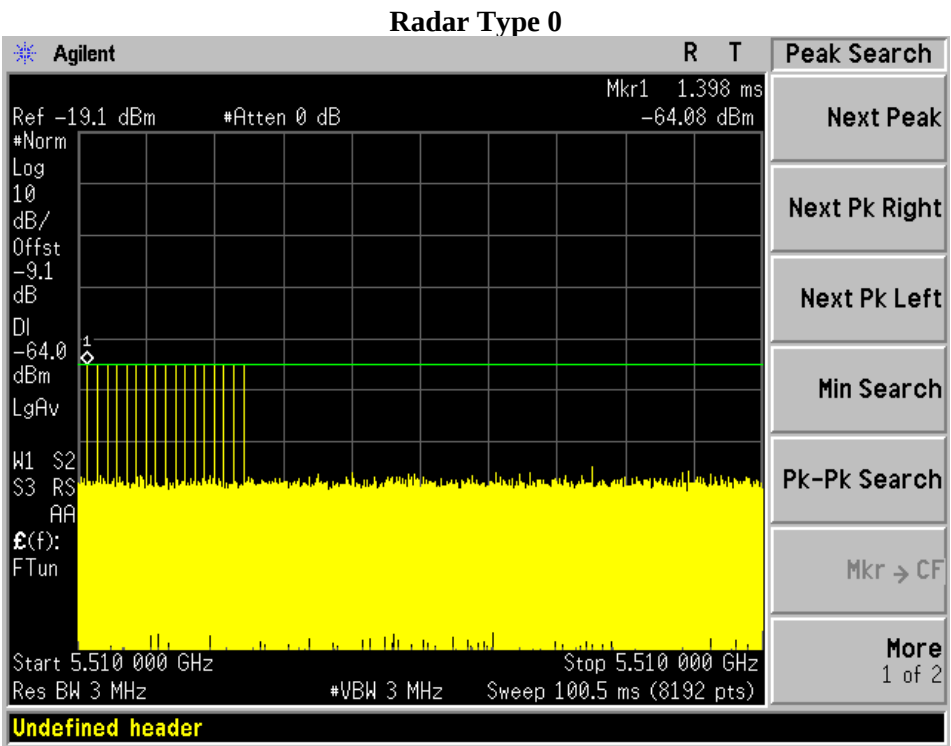


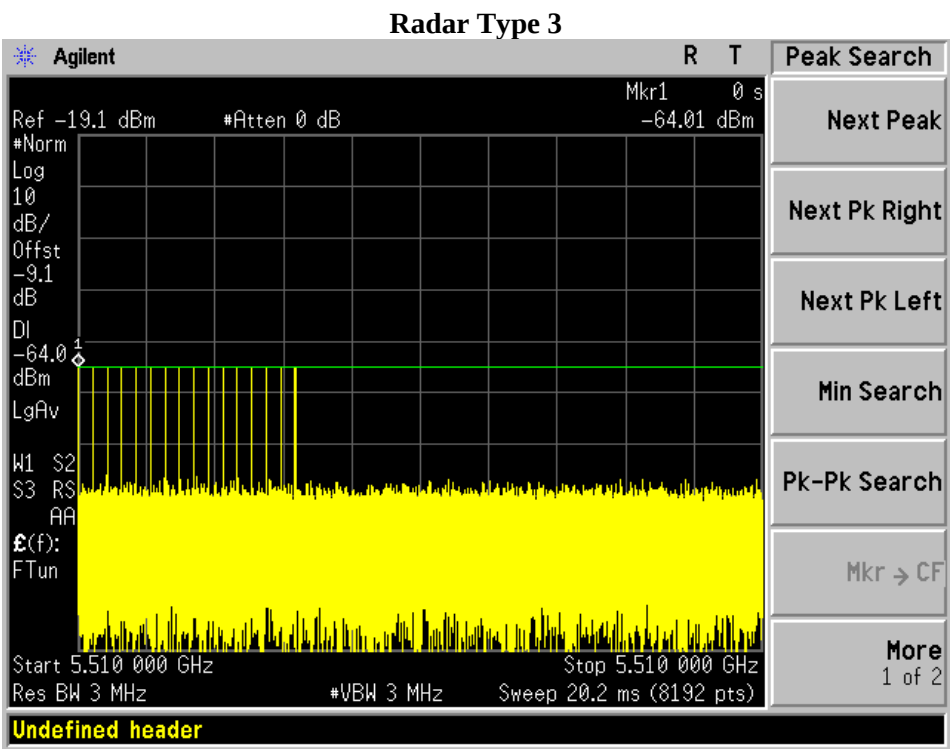
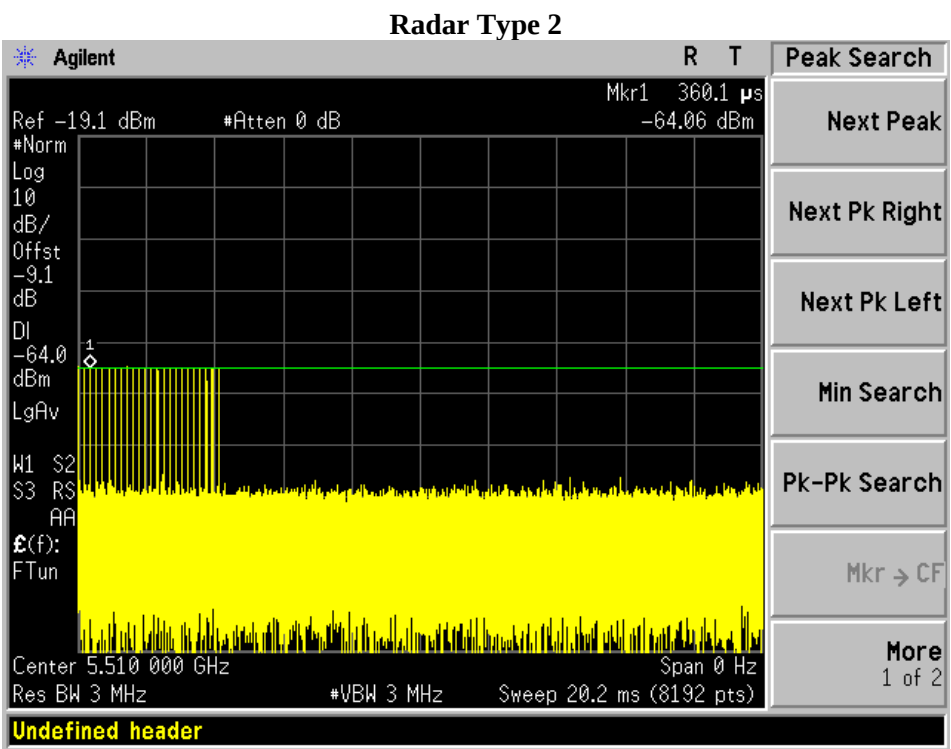


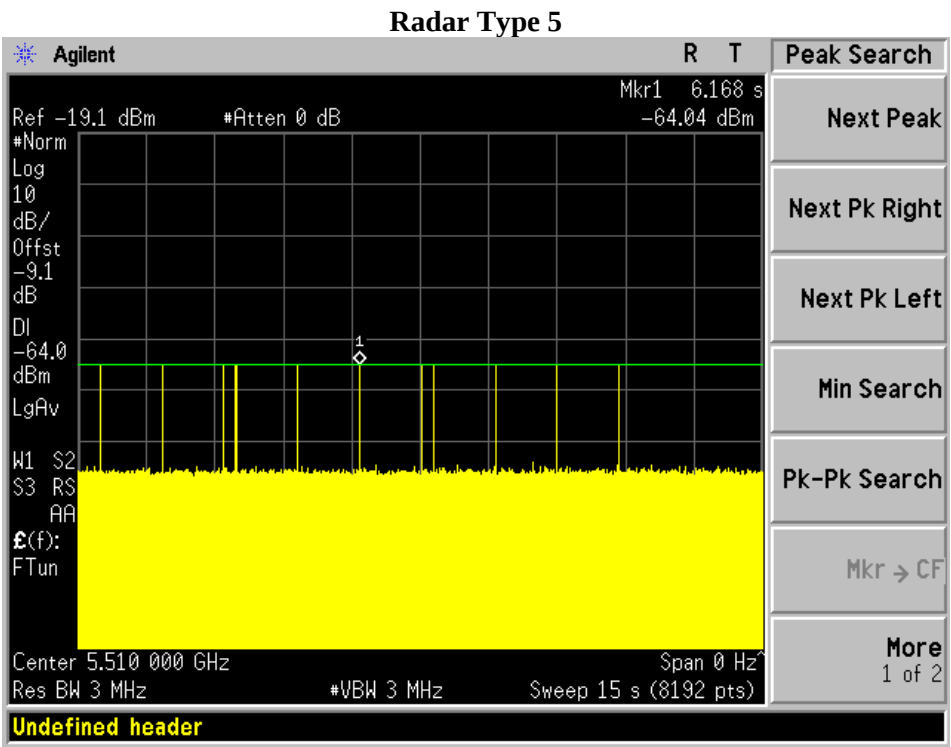
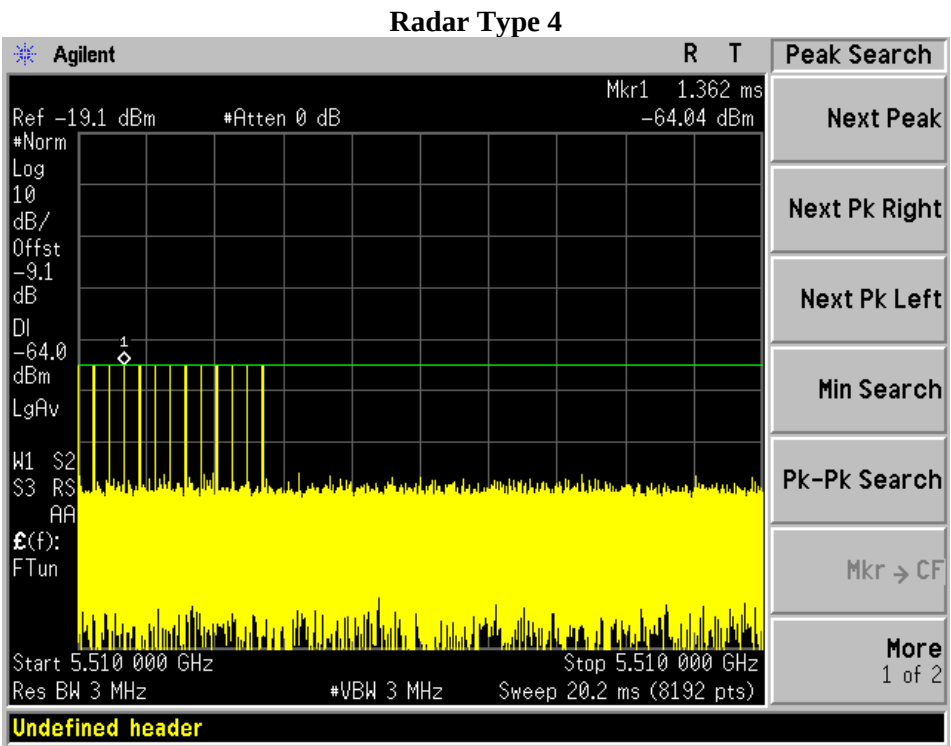


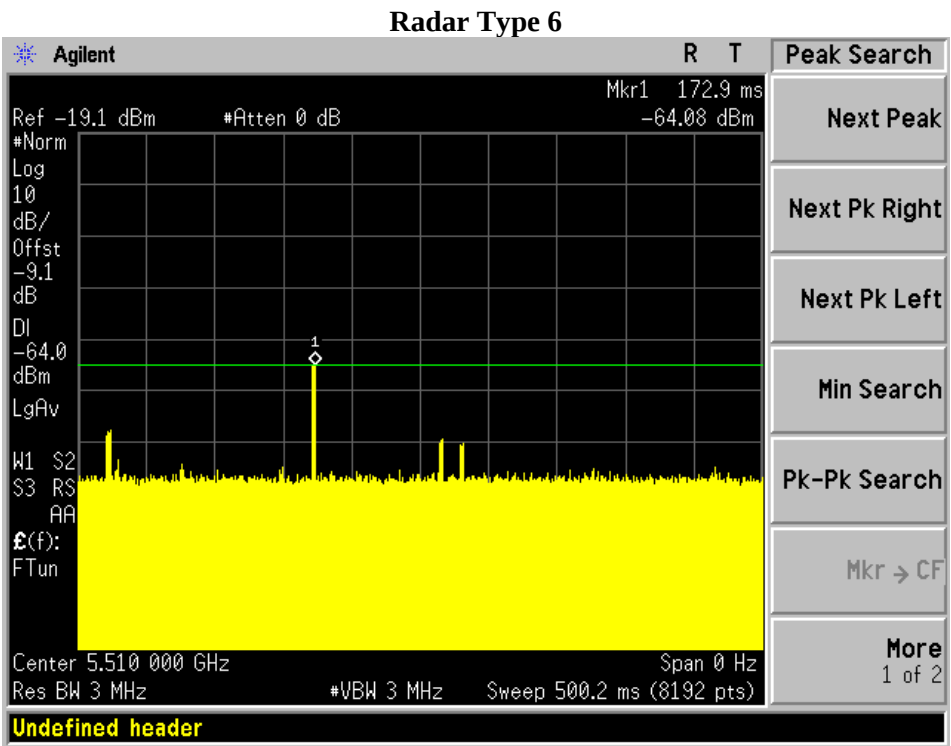


5510 MHz, 40 MHz Bandwidth

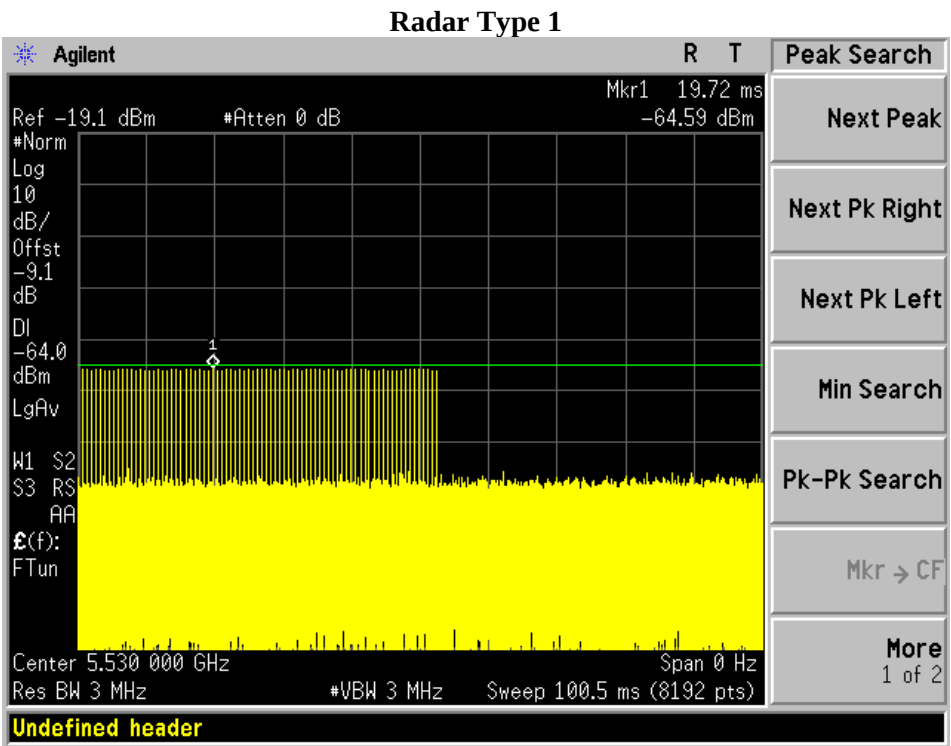
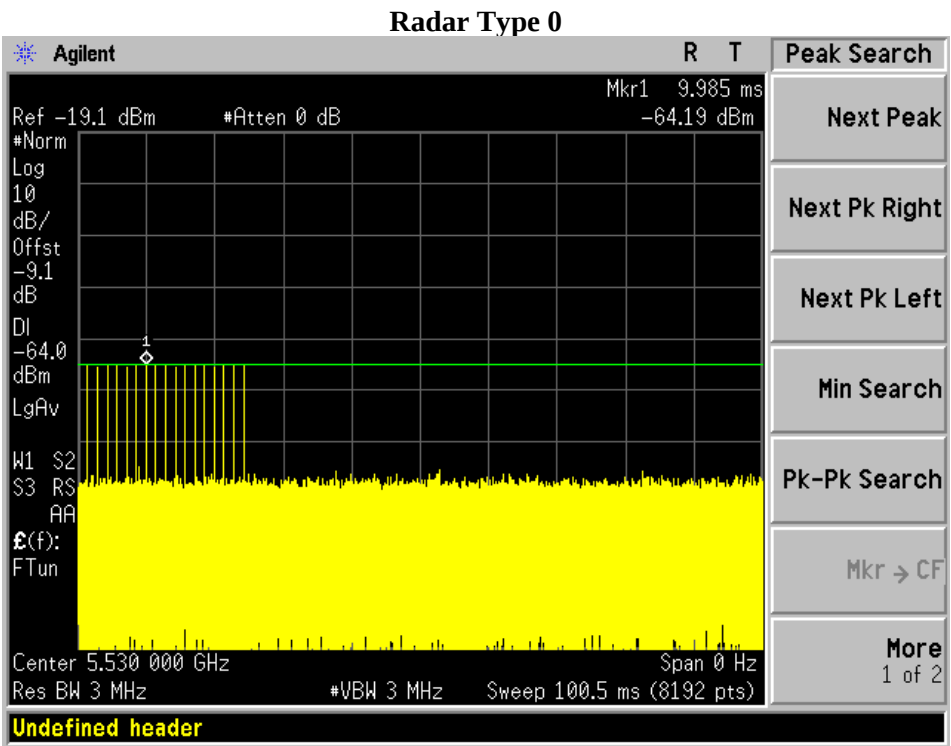


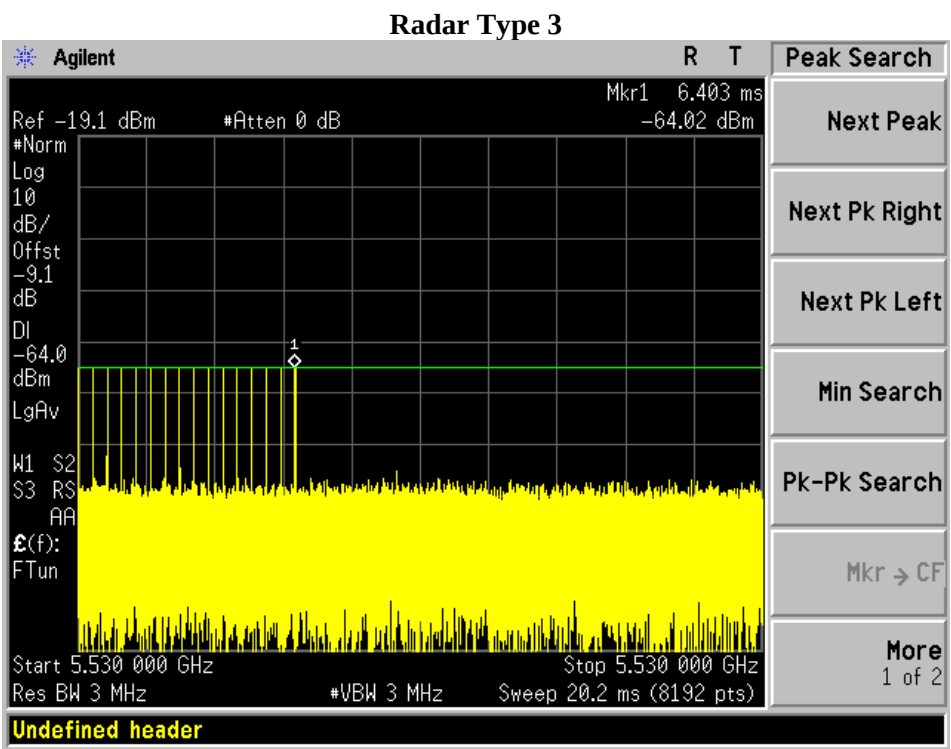
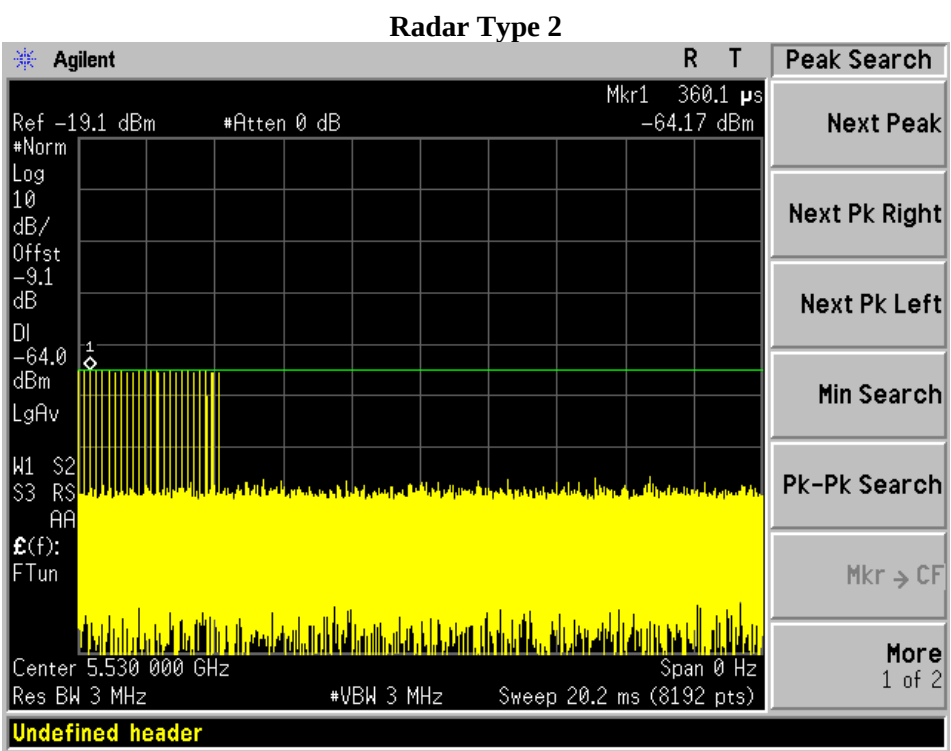


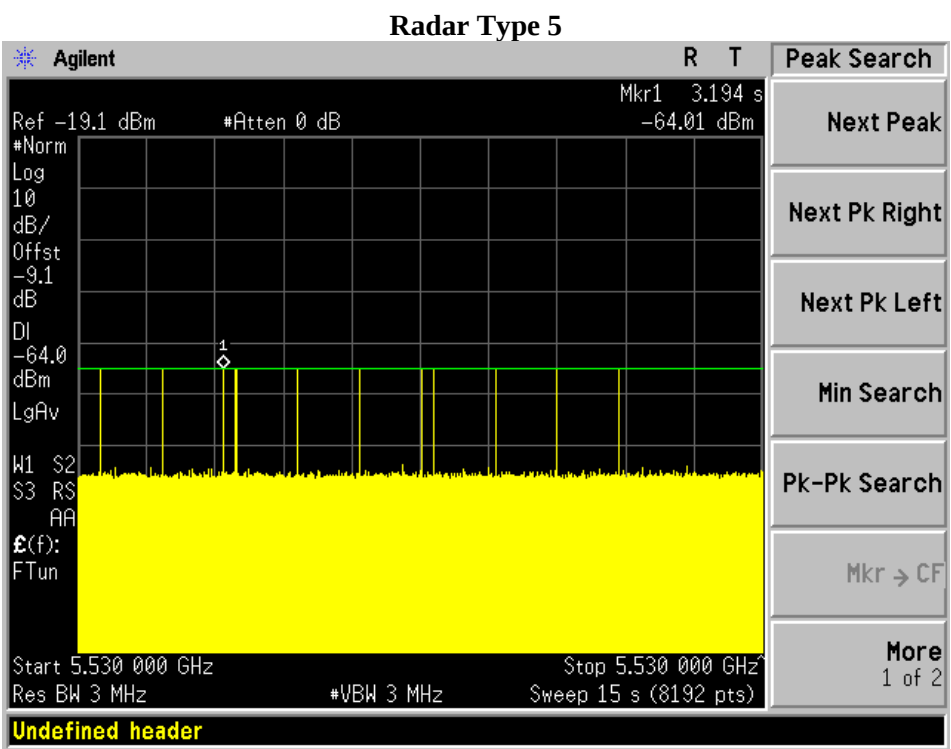
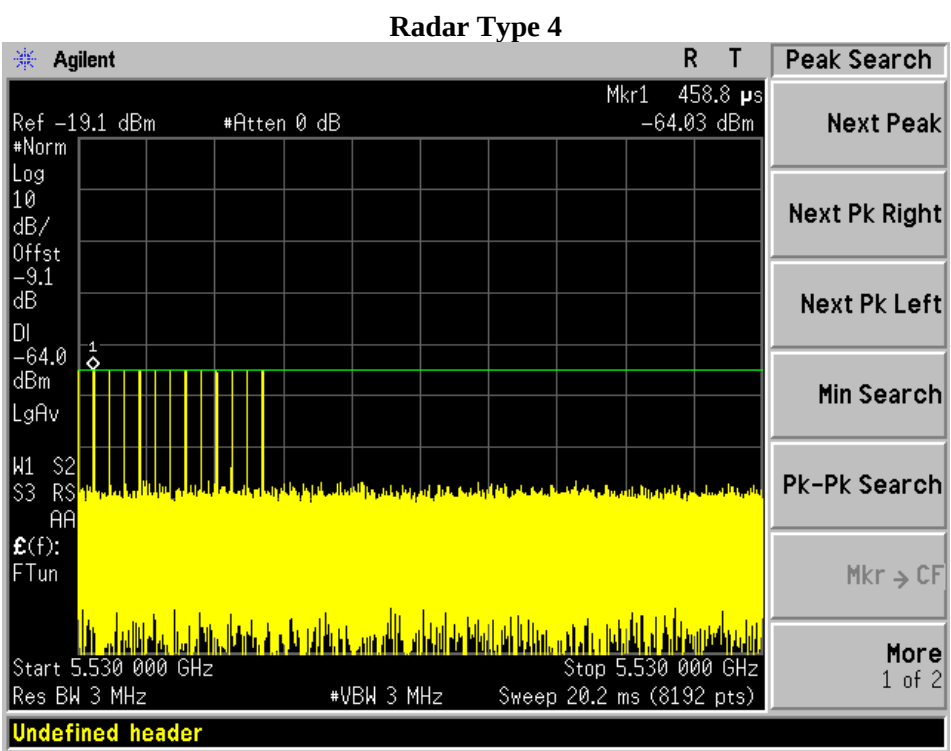


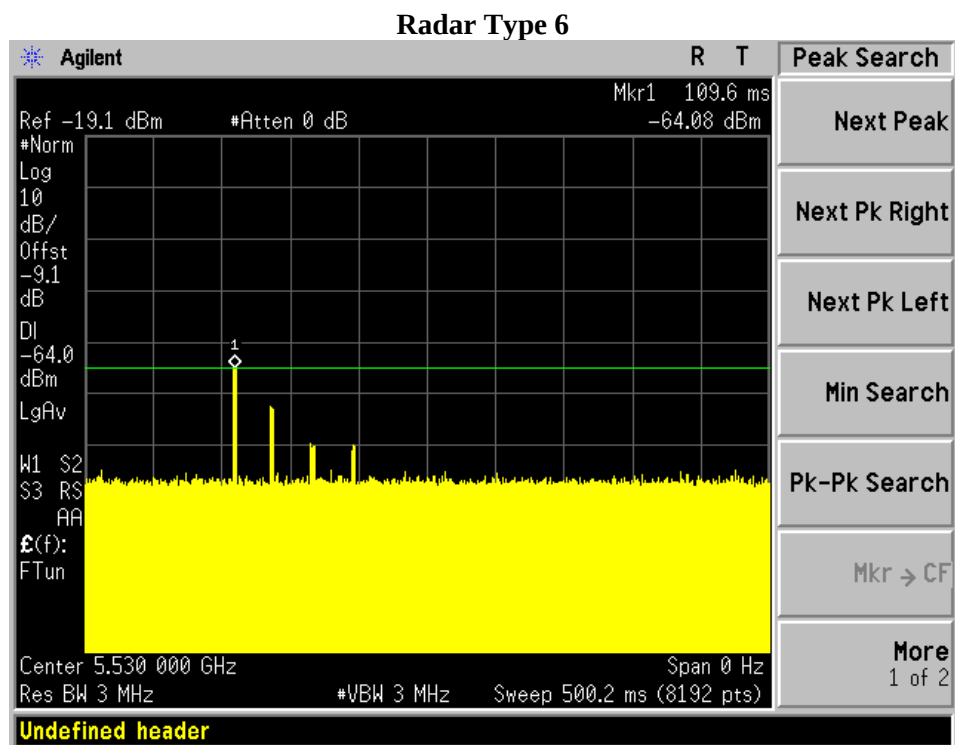


5530 MHz, 80 MHz Bandwidth

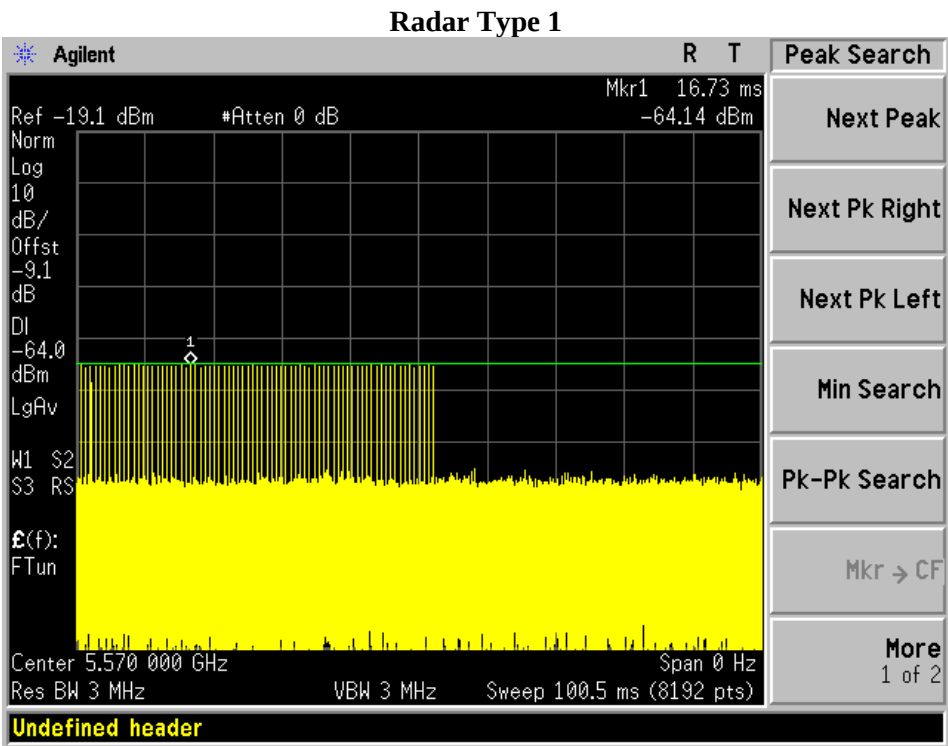
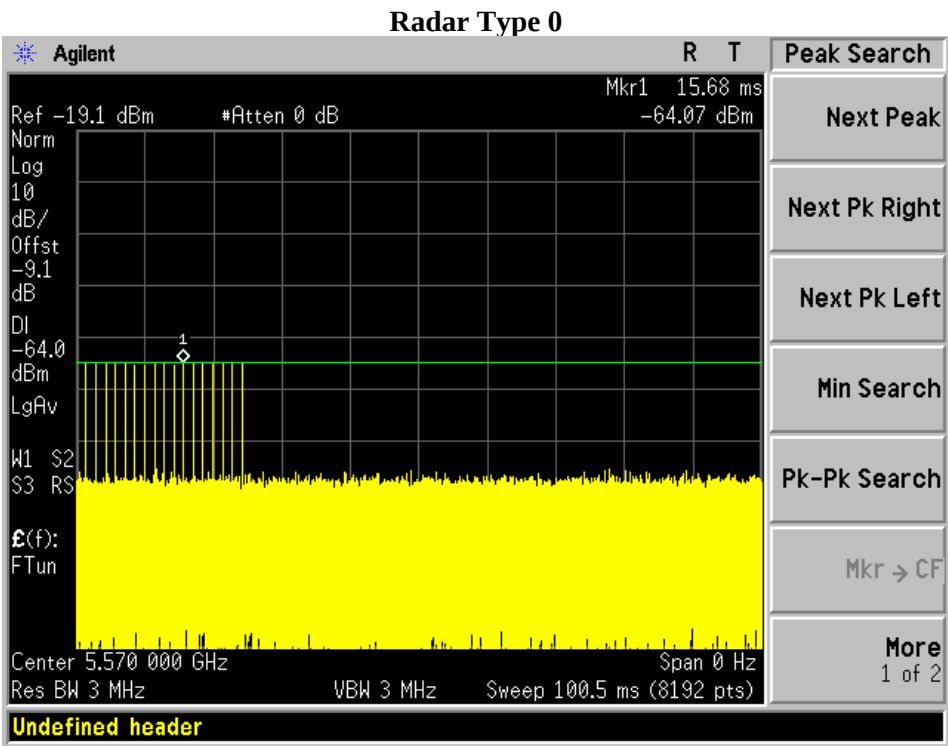


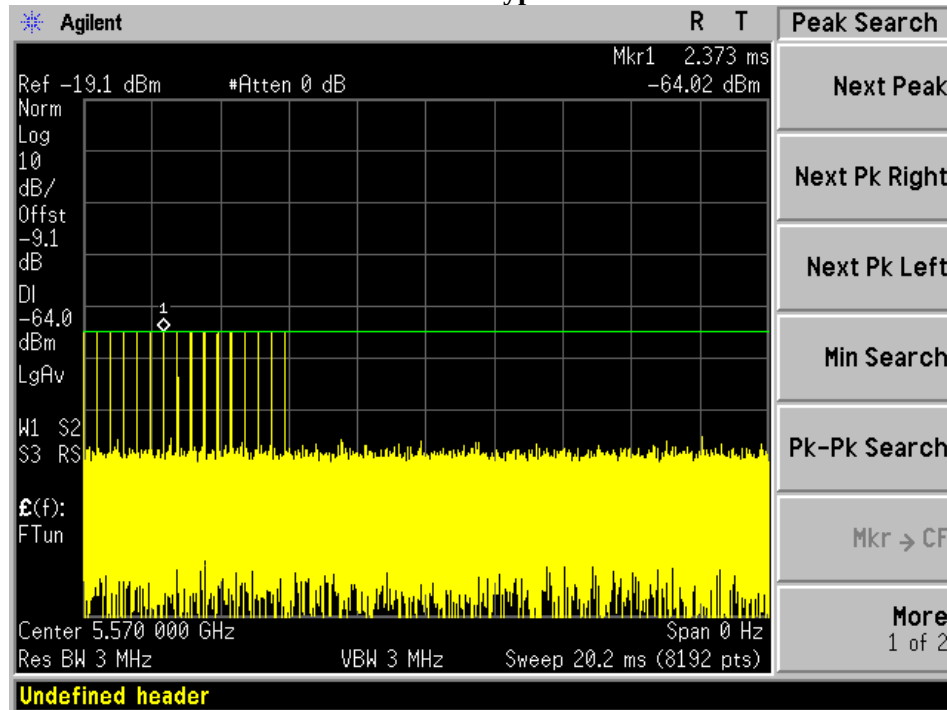
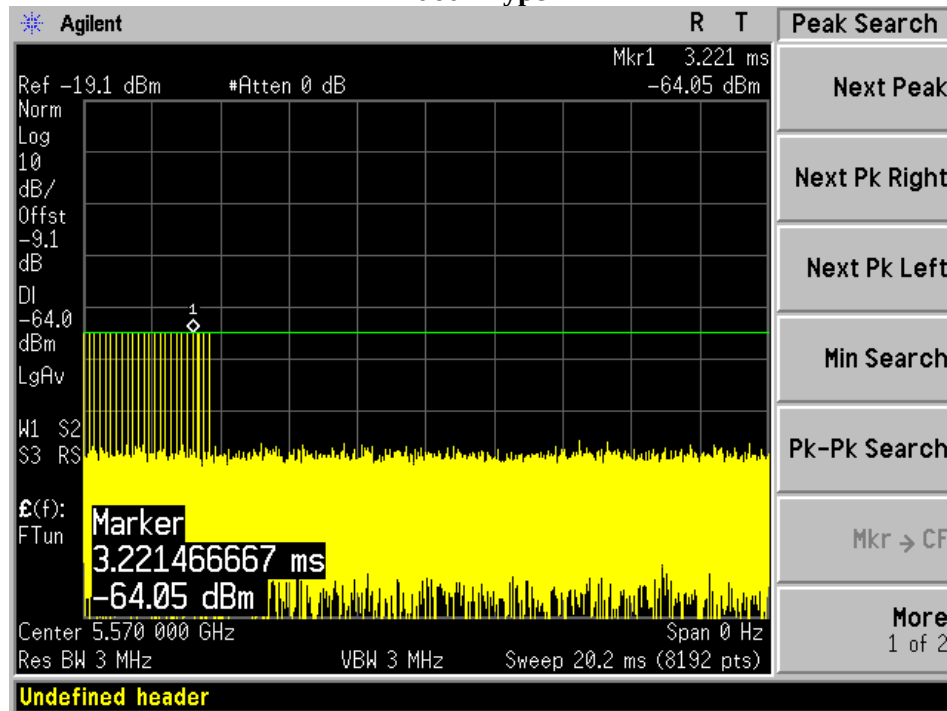


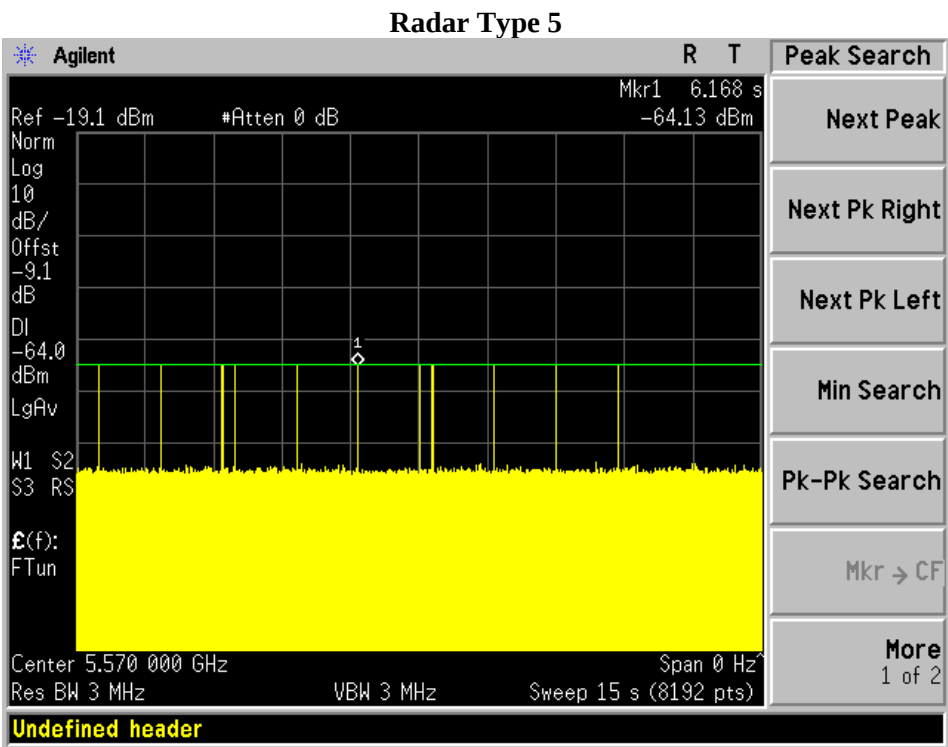
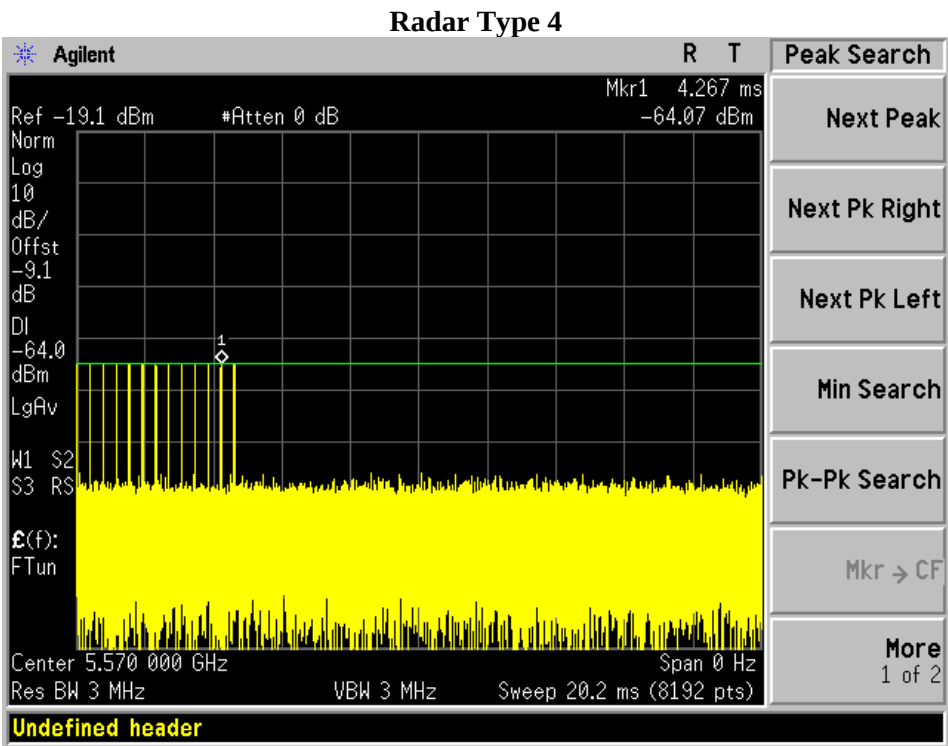


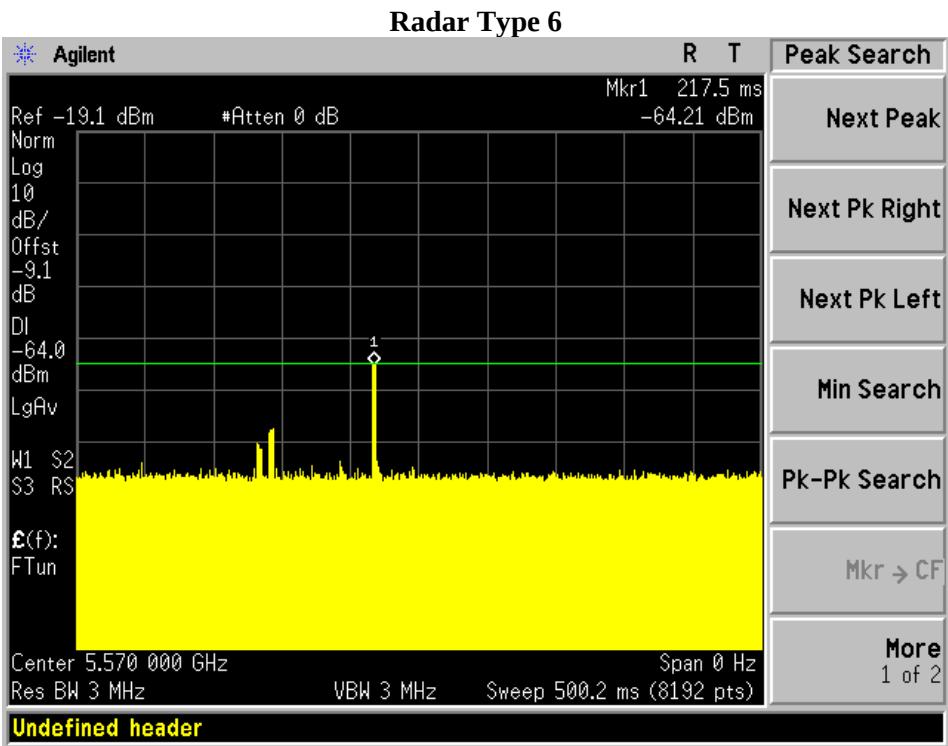


5570 MHz, 80+80 MHz Bandwidth





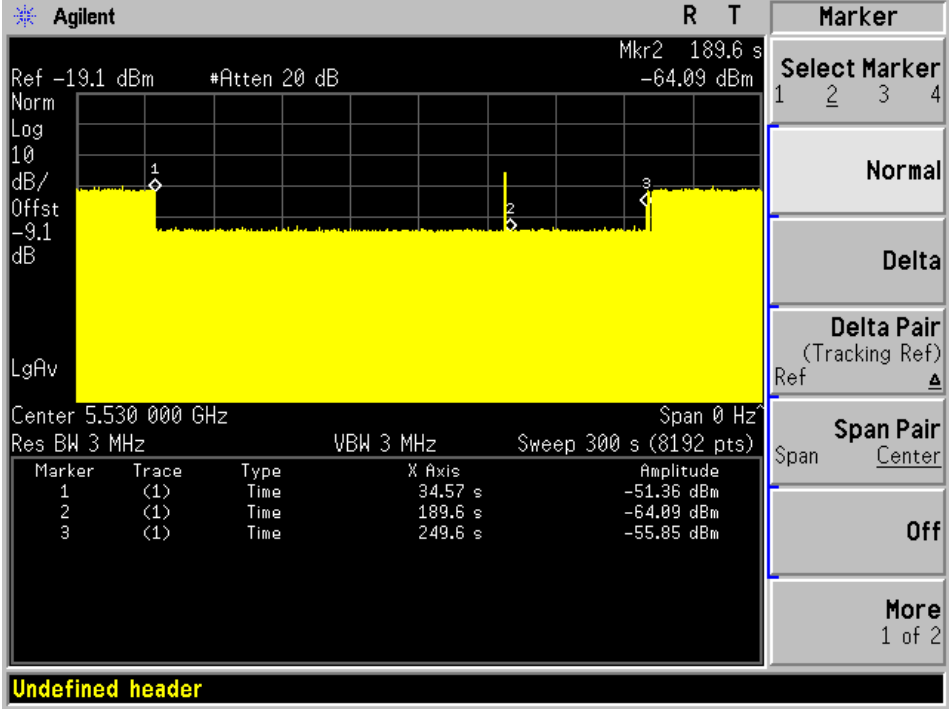




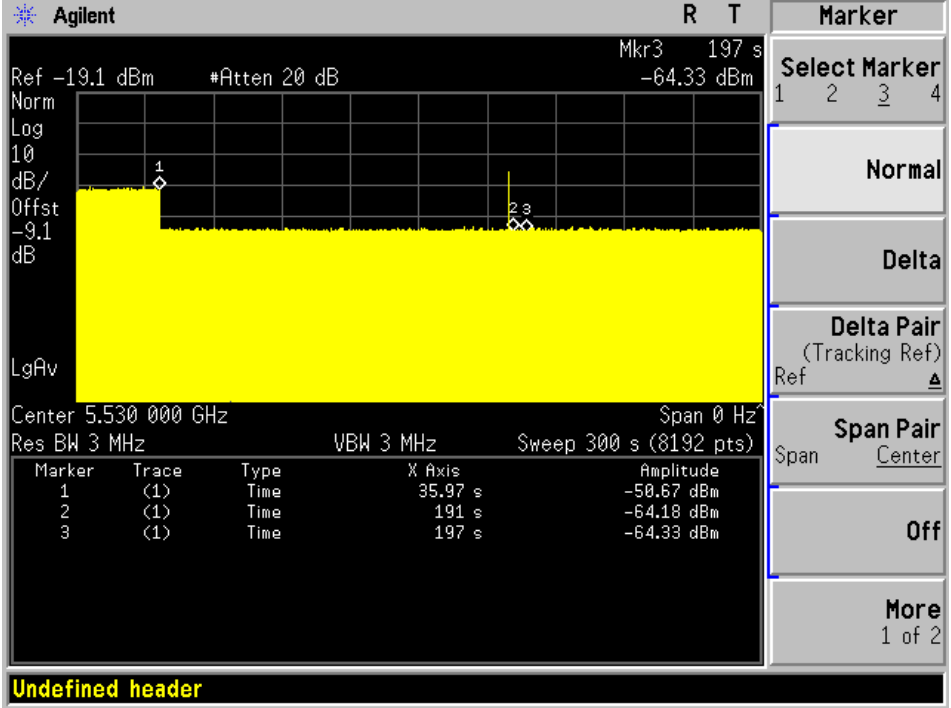
11 Annex C – Channel Availability Check (CAC) Plots

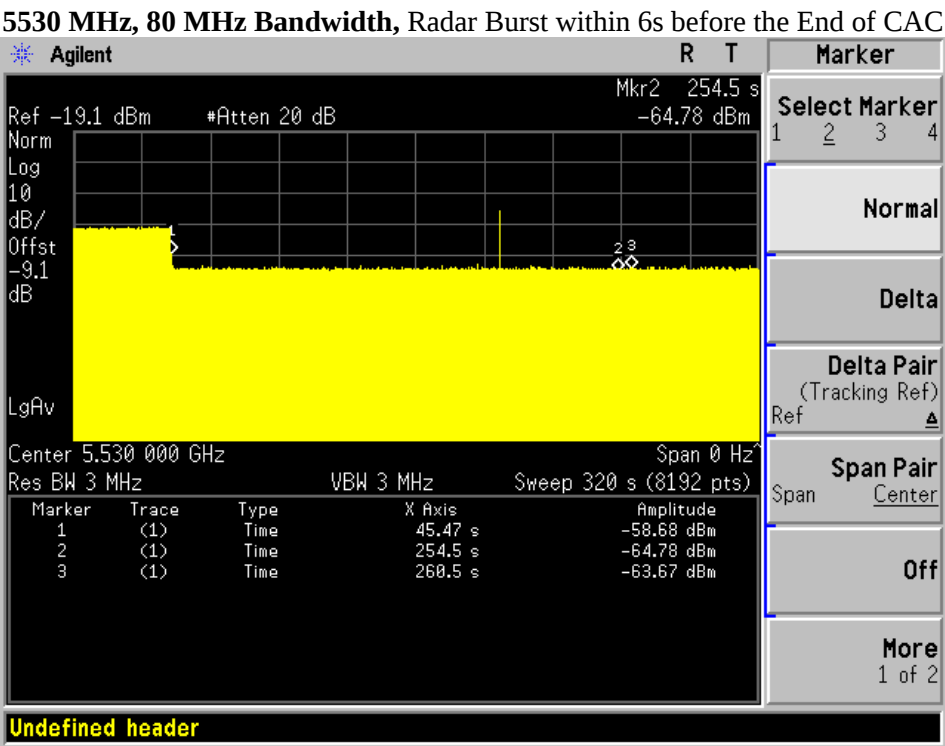
5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (P2P Mode)

5530 MHz, 80 MHz Bandwidth, Power Cycle + CAC Time Period



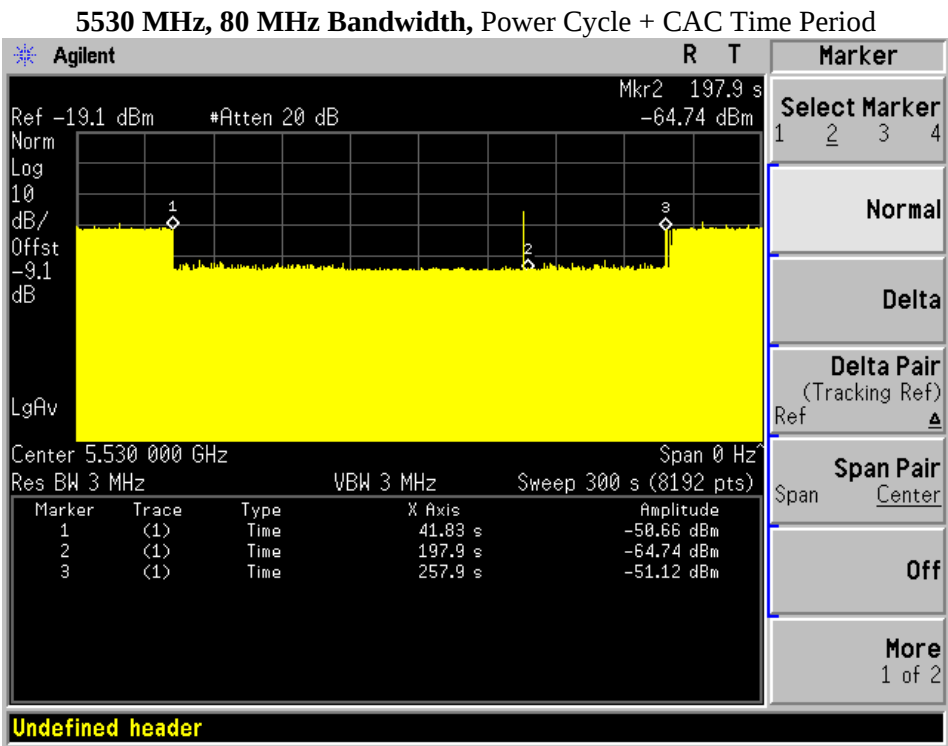
5530 MHz, 80 MHz Bandwidth, Radar Burst within 6s at the Beginning of CAC



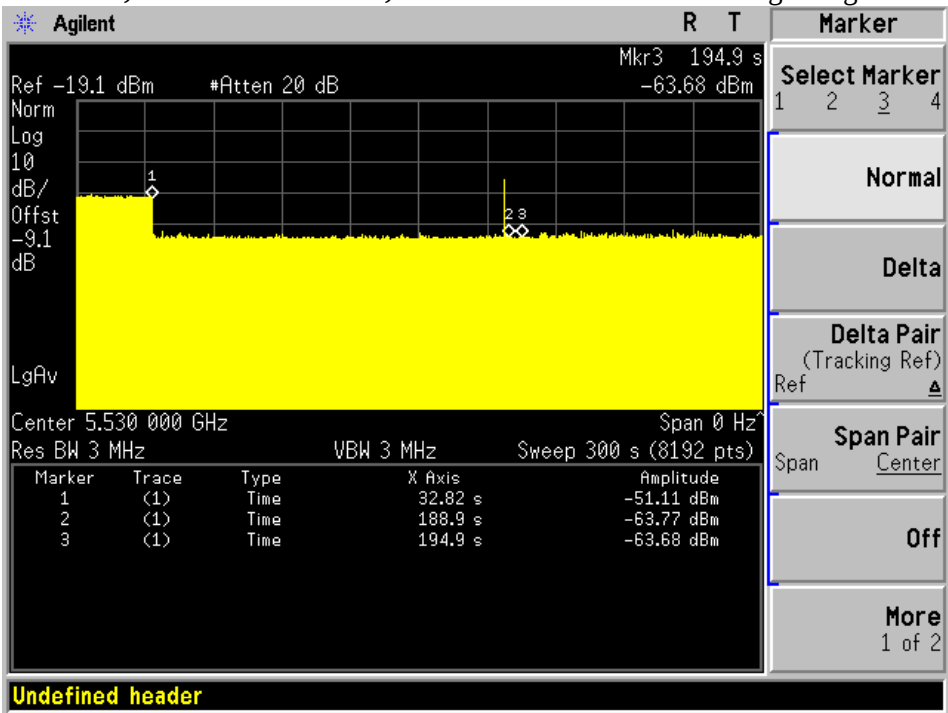


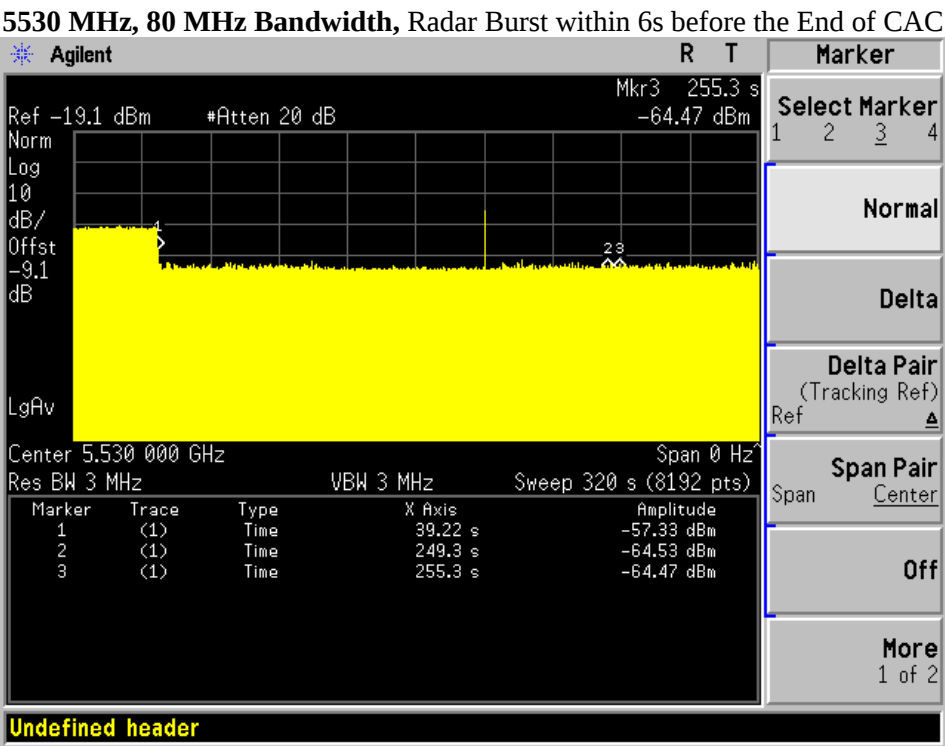
- Note 1: Power Cycle Time was measured to be 155.03 seconds.
- Note 2: No transmission was observed after the EUT detected the radar signal within 6s at the Beginning of CAC.
- Note 3: No transmission was observed after the EUT detected the radar signal within 6s before the End of CAC.
- Note 4: The radar signals (between Marker 2 and Marker 3) are not visible in the plot due to high internal attenuation applied to mask beaconing signal from the client device.

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (P2MP Mode)



5530 MHz, 80 MHz Bandwidth, Radar Burst within 6s at the Beginning of CAC



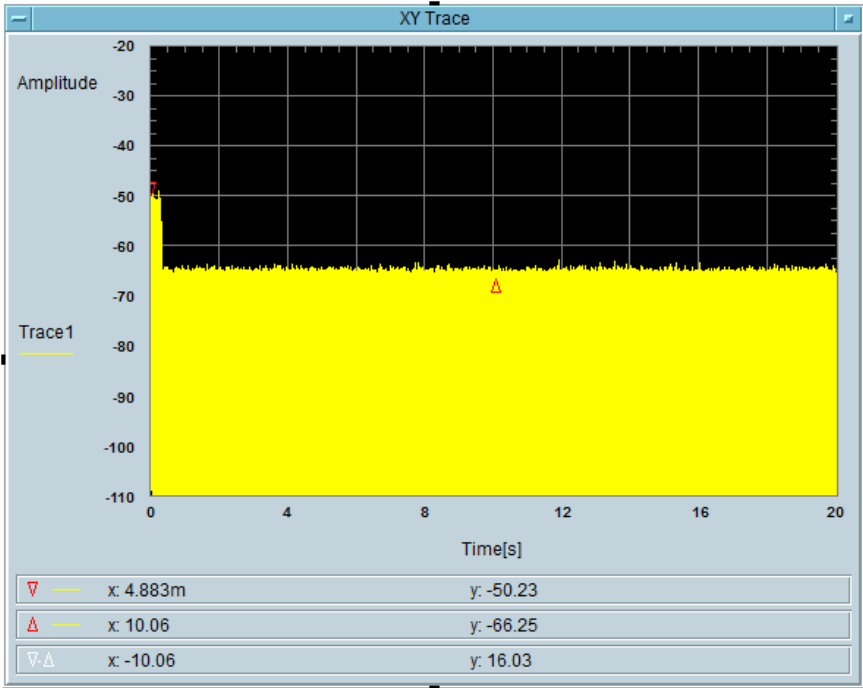


- Note 1: Power Cycle Time was measured to be 156.07 seconds.
- Note 2: No transmission was observed after the EUT detected the radar signal within 6s at the Beginning of CAC.
- Note 3: No transmission was observed after the EUT detected the radar signal within 6s before the End of CAC.
- Note 4: The radar signals (between Marker 2 and Marker 3) are not visible in the plot due to high internal attenuation applied to mask beaconing signal from the client device.

12 Annex D – Channel Move and Closing Transmission Time Plots

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (P2P Mode)

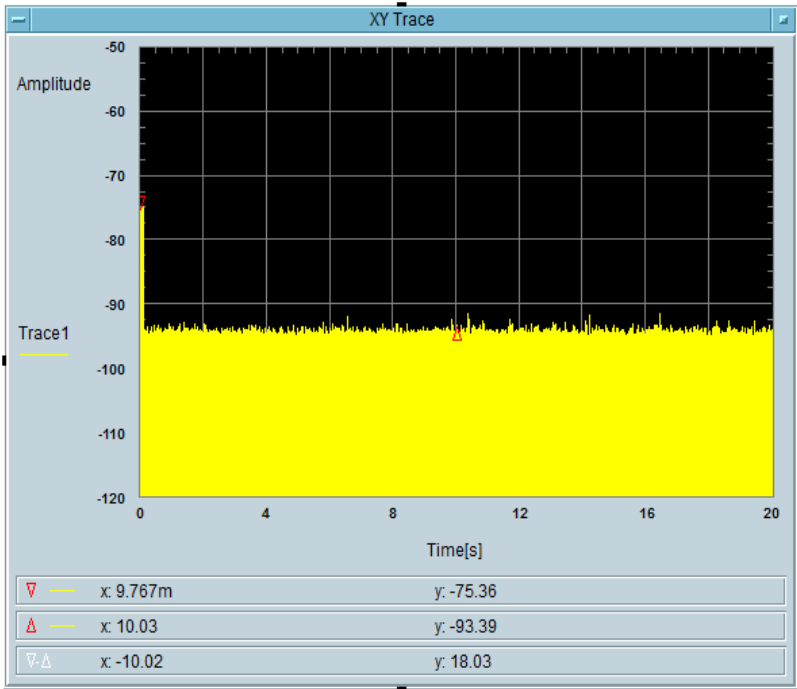
5530 MHz, 80 MHz Bandwidth



Total On Time [s]
65.92m

Total On Time After Delay [s]
24.41m

5570 MHz, 80+80 MHz Bandwidth

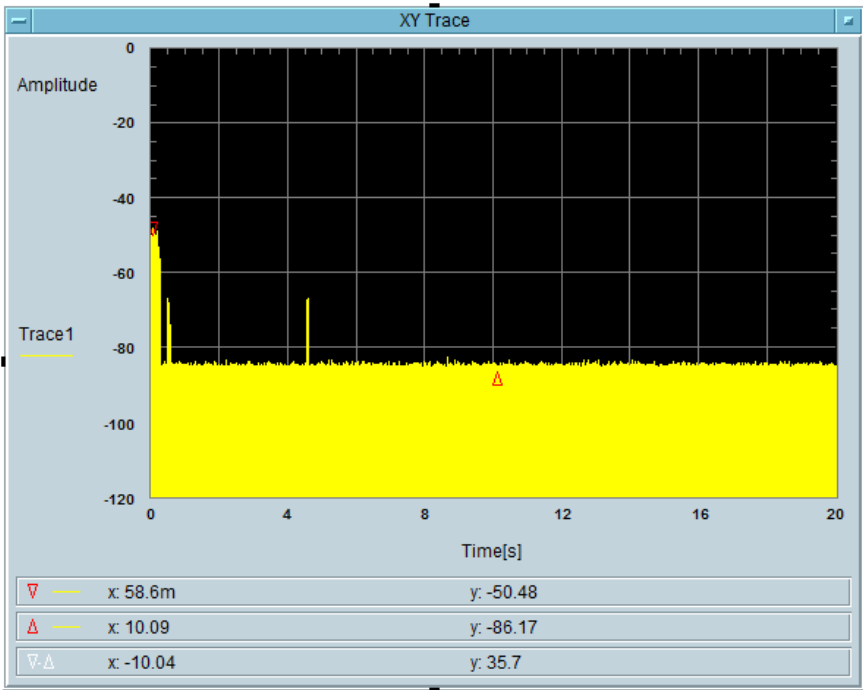


Total On Time [s]
26.86m

Total On Time After Delay [s]

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (P2MP Mode)

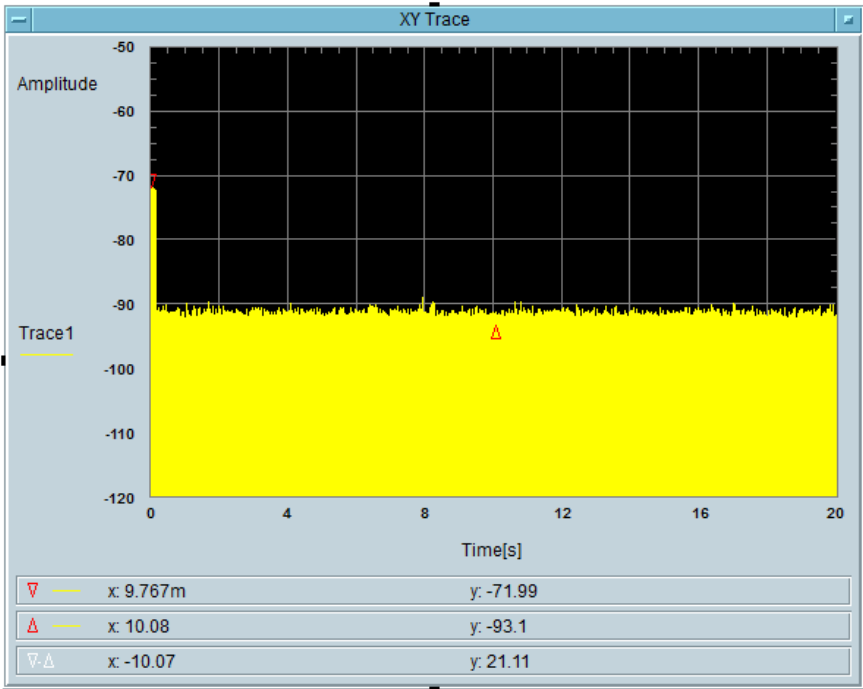
5530 MHz, 80 MHz Bandwidth



Total On Time [s]
68.36m

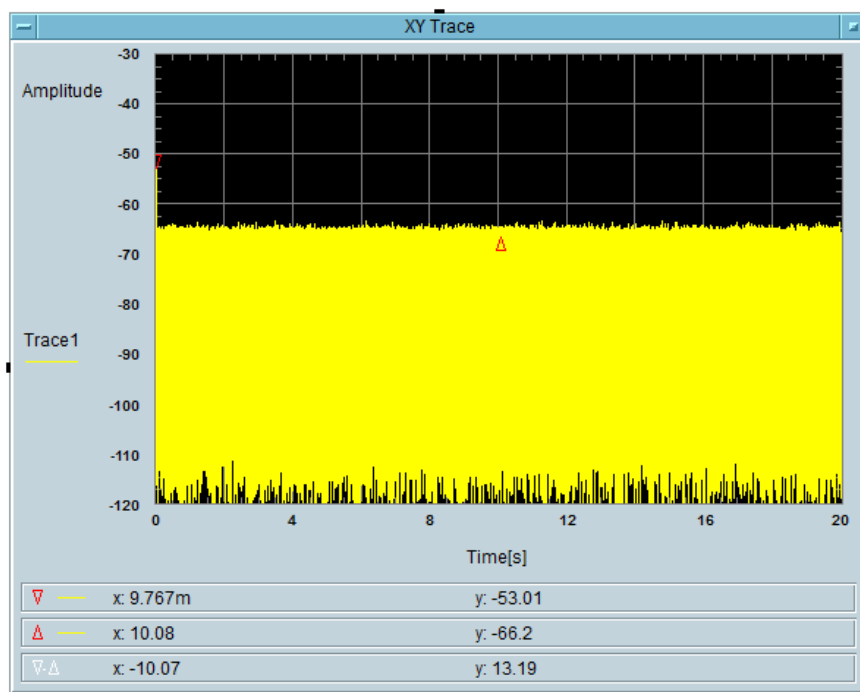
Total On Time After Delay [s]
7.324m

5570 MHz, 80+80 MHz Bandwidth



Total On Time [s]
29.3m

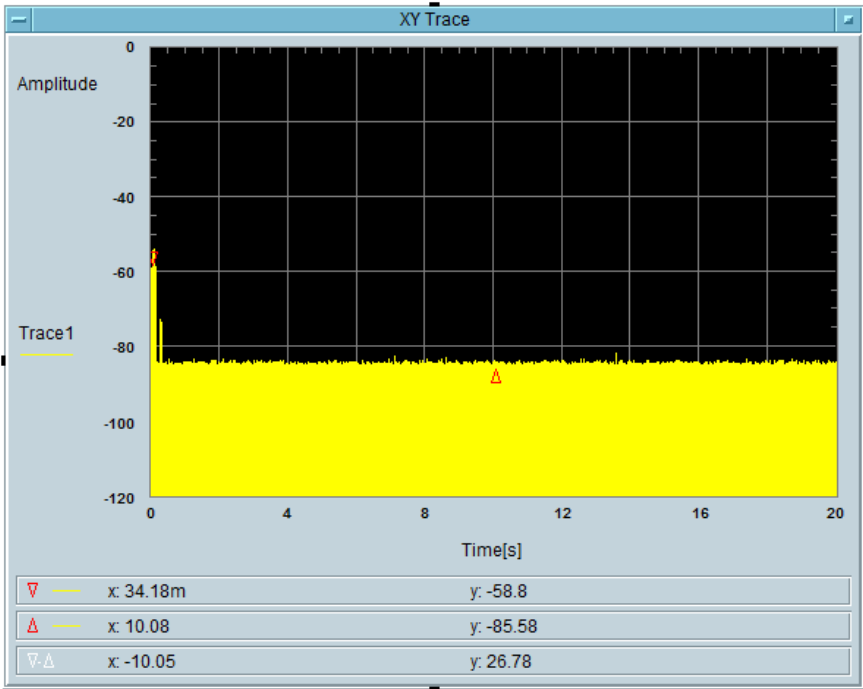
Total On Time After Delay [s]

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (Client with Radar Detection Mode, Injection at Master)**5530 MHz, 80 MHz Bandwidth**

Total On Time [s]
12.21m

Total On Time After Delay [s]
9.766m

5570 MHz, 80+80 MHz Bandwidth

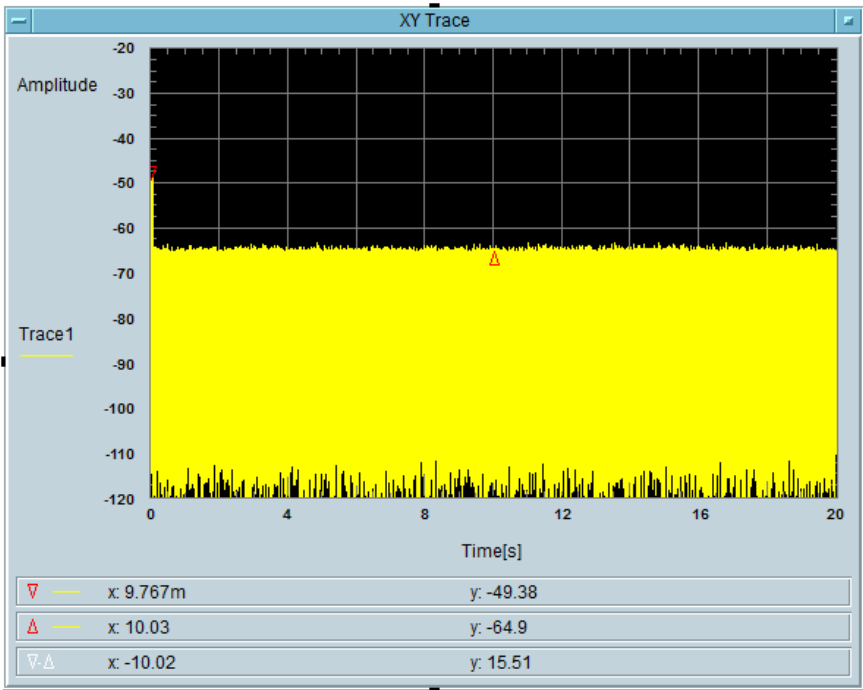


Total On Time [s]
56.15m

Total On Time After Delay [s]
19.53m

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (Client with Radar Detection Mode, Injection at Client)

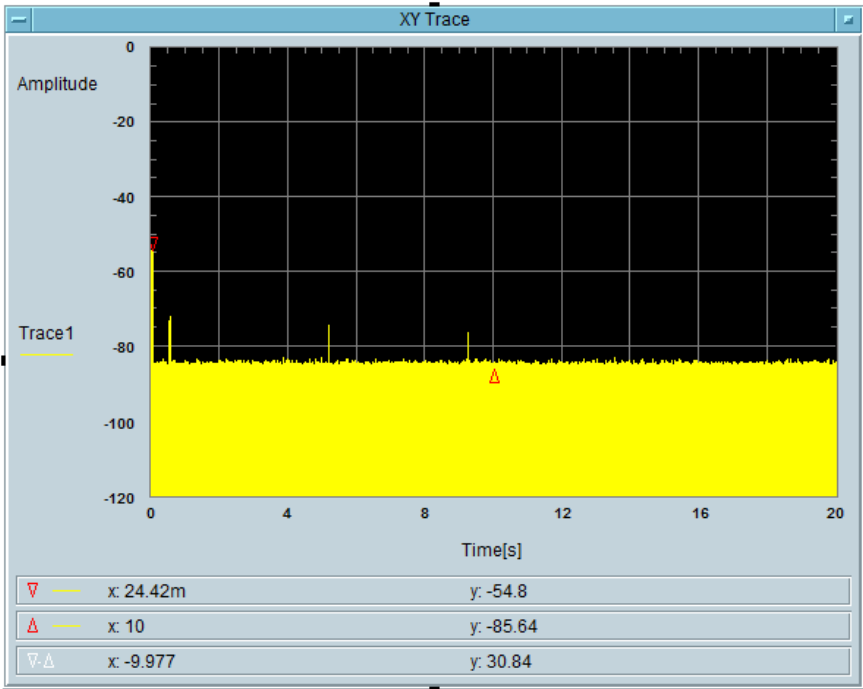
5530 MHz, 80 MHz Bandwidth



Total On Time [s]
19.53m

Total On Time After Delay [s]
12.21m

5570 MHz, 80+80 MHz Bandwidth

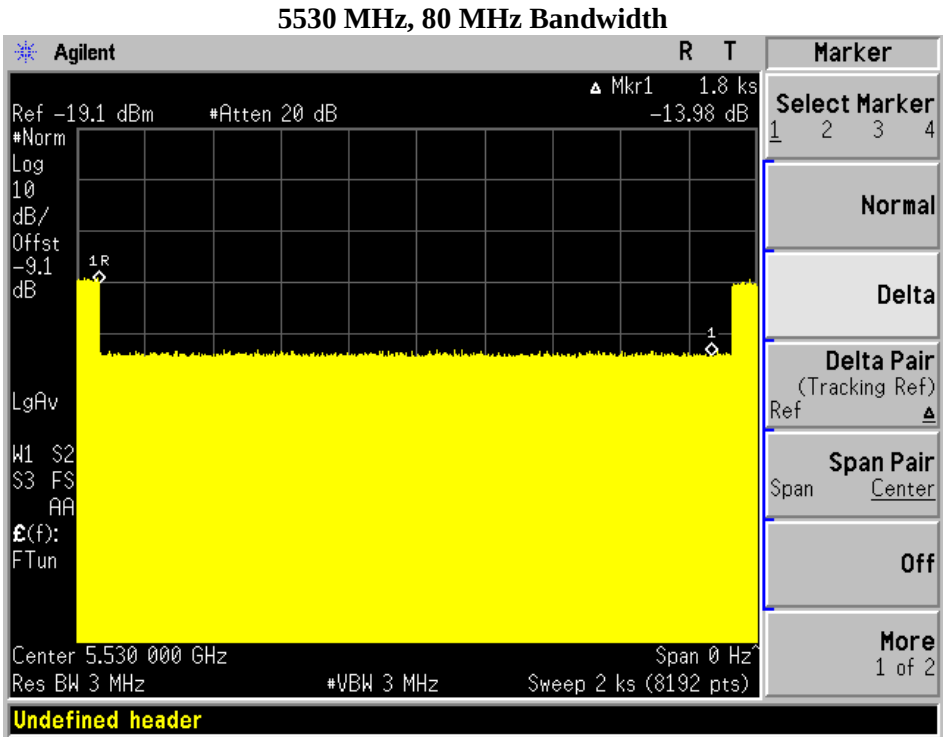


— Total On Time [s] —
46.39m

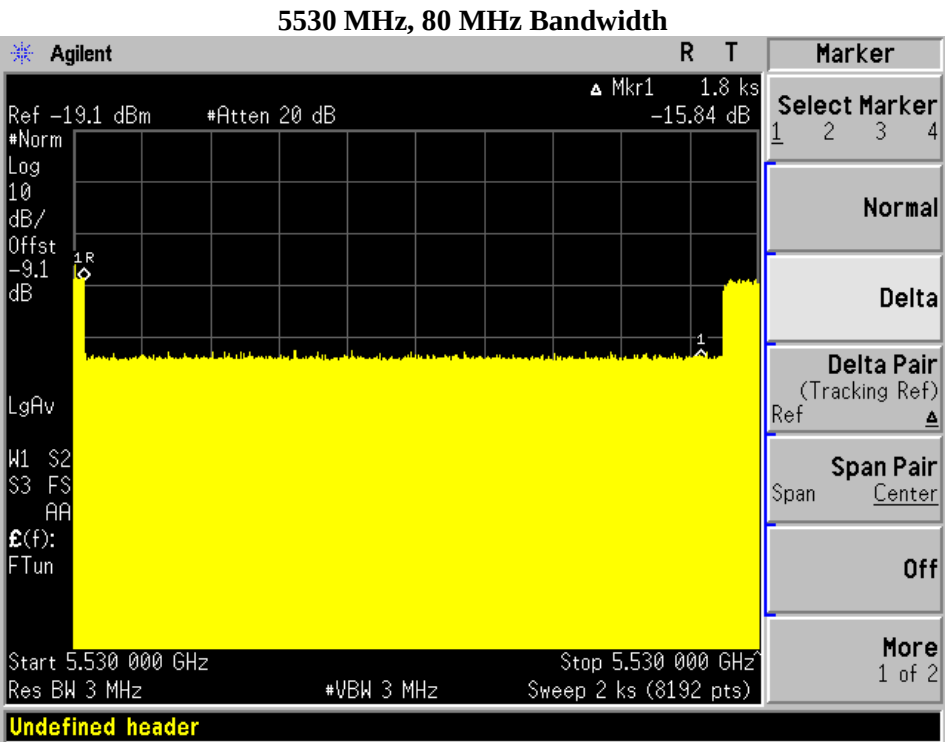
— Total On Time After Delay [s] —
24.41m

13 Annex E – Non-Occupancy Period Plots

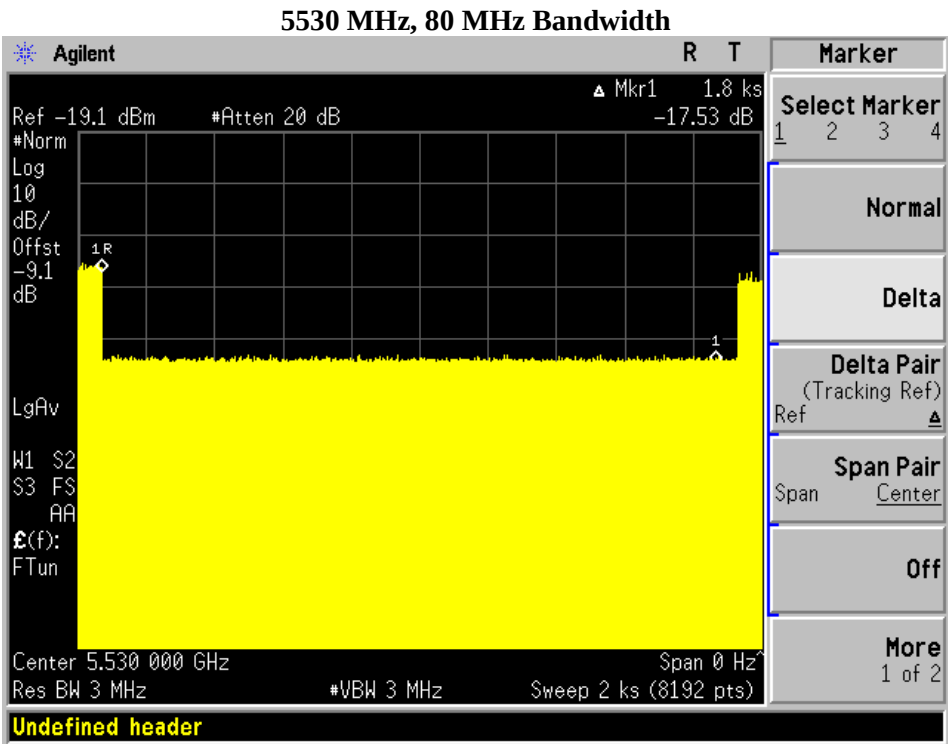
5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (P2P Mode)



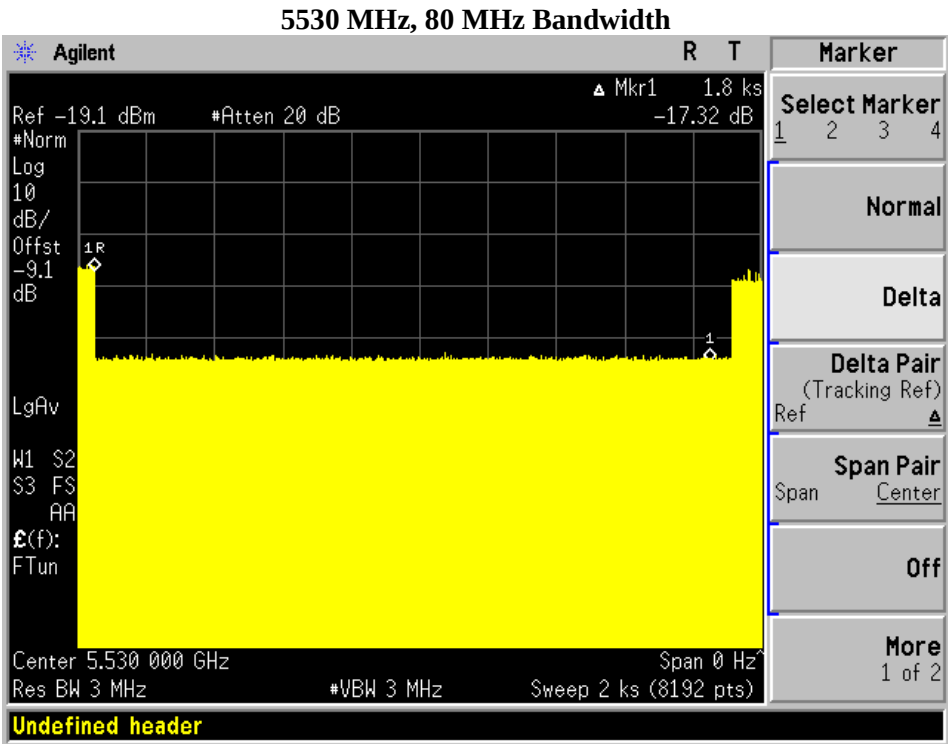
5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (P2MP Mode)



5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (Client with Radar Detection Mode, Injection at Master)



5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (Client with Radar Detection Mode, Injection at Client)



14 Annex F – Radar Detection Statistical Performance Check Detailed Results

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (P2P Mode)

5500 MHz, 20 MHz Bandwidth

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

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	1	678	78	1
2	1	778	68	0
3	1	898	59	1
4	1	638	83	1
5	1	3066	18	1
6	1	738	72	0
7	1	858	62	1
8	1	558	95	1
9	1	658	81	1
10	1	938	57	0
11	1	878	61	1
12	1	758	70	1
13	1	518	102	1
14	1	798	67	1
15	1	838	63	1
16	1	2615	21	1
17	1	1824	29	1
18	1	2230	24	1
19	1	1702	32	1
20	1	2962	18	0
21	1	2738	20	1
22	1	1751	31	1
23	1	1036	51	1
24	1	1057	50	1
25	1	2552	21	0
26	1	1817	30	1
27	1	2092	26	1
28	1	2779	19	1
29	1	1767	30	1
30	1	2362	23	1
Detection Percentage: 83.33 % (>60%)				

Table-2 Radar Type 2 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	3.4	190	24	1
2	4.1	176	23	1
3	1.1	154	26	0
4	1.1	162	28	1
5	1.2	211	27	1
6	4.1	210	26	0
7	3.2	150	25	1
8	3.1	165	29	0
9	1.9	218	23	1
10	2.7	216	27	1
11	3	161	23	1
12	2.1	228	24	0
13	4.7	224	25	1
14	4.9	167	29	1
15	3.2	226	27	1
16	4.4	158	27	1
17	1.5	230	24	0
18	4.1	209	27	1
19	2.2	192	27	1
20	4.8	173	27	1
21	2.7	151	29	0
22	2.1	182	23	1
23	3.7	188	24	1
24	3.9	195	25	0
25	4.7	212	28	1
26	4.7	215	24	1
27	4	217	28	1
28	3.9	194	25	0
29	2.3	172	28	1
30	4.8	155	29	1
Detection Percentage: 73.33 % (>60%)				

Table-3 Radar Type 3 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	9.3	291	16	1
2	8.7	259	16	1
3	8.3	424	17	1
4	9.5	500	18	1
5	7.8	439	17	1
6	9.6	356	17	0
7	9.2	448	17	1
8	7.7	224	18	1
9	7.9	332	16	1
10	8.1	475	17	1
11	8.8	373	16	1
12	9.6	208	16	1
13	10	456	16	1
14	6.3	273	18	1
15	7.4	404	18	1
16	10	347	17	1
17	10	219	16	1
18	8.8	417	17	1
19	8.1	206	18	1
20	7.8	330	18	0
21	6.9	252	18	1
22	7.5	402	16	1
23	9	281	16	1
24	8	258	17	1
25	7.1	305	18	0
26	6.8	381	16	1
27	9.5	261	18	1
28	6	275	16	0
29	6.8	237	18	1
30	7.7	370	18	0
Detection Percentage: 83.33 % (>60%)				

Table-4 Radar Type 4 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	11.5	295	13	1
2	16.3	294	12	1
3	12.9	495	14	0
4	12.7	340	15	1
5	18.4	422	15	1
6	14.3	261	14	1
7	19.1	359	13	1
8	11.9	386	16	0
9	14.6	263	12	1
10	12.2	416	15	1
11	19.3	358	12	1
12	17.5	217	13	1
13	18.6	212	13	0
14	17	276	16	1
15	18	327	15	1
16	15.3	476	15	1
17	13.7	251	13	1
18	19.8	451	15	1
19	18.4	468	15	0
20	12.9	437	15	1
21	17.8	392	16	1
22	17.4	453	12	1
23	12.2	407	12	1
24	19	328	13	1
25	14.5	323	15	0
26	13	268	12	1
27	13.7	238	15	1
28	15.8	216	13	1
29	18.4	370	16	1
30	20	375	16	1
Detection Percentage: 83.33 % (>60%)				

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (GHz)	Detection (1:yes; 0:no)
1	5.5	1
2	5.5	1
3	5.5	1
4	5.5	1
5	5.5	0
6	5.5	1
7	5.5	1
8	5.5	0
9	5.5	1
10	5.5	1
11	5.5	1
12	5.5	1
13	5.5	1
14	5.5	0
15	5.5	1
16	5.5	1
17	5.5	1
18	5.5	1
19	5.5	0
20	5.5	1
21	5.5	1
22	5.5	0
23	5.5	1
24	5.5	0
25	5.5	1
26	5.5	1
27	5.5	1
28	5.5	1
29	5.5	1
30	5.5	1
Detection Percentage: 80 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	486198	95.1	20	1	1635	-	-	1
1	750772	54.8	20	1	1068	-	-	1
2	1013331	54.1	20	2	1369	1590	-	1
3	189098	94.2	20	3	1244	1495	1049	1
4	453291	52.9	20	2	1376	1137	-	1
5	717456	55.8	20	2	1189	1029	-	1
6	981106	97.7	20	2	1091	1561	-	1
7	156682	68.4	20	3	1064	1100	1203	1
8	421256	66.6	20	1	1270	-	-	1
9	684846	59.7	20	2	1089	1265	-	1
10	949994	94	20	1	1047	-	-	1

Bin5 Statistics 2

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	152140	71.7	12	1	1052	-	-	1
1	475013	97.7	12	1	1747	-	-	1
2	797003	82.1	12	3	1201	1094	1057	1
3	1118709	82.6	12	3	1565	1663	1141	1
4	112131	58	12	2	1703	1819	-	1
5	435328	67.7	12	1	1454	-	-	1
6	757117	82.8	12	2	1907	1715	-	1
7	1078485	57.7	12	3	1308	1950	1754	1
8	72345	92	12	3	1148	1853	1597	1

Bin5 Statistics 3

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	253111	82.1	20	3	1955	1067	1832	1
1	461636	61	20	1	1485	-	-	1
2	669129	51.5	20	1	1524	-	-	1
3	20999	75.1	20	2	1494	1069	-	1
4	227826	59.6	20	3	1239	1046	1910	1
5	435862	86.3	20	1	1901	-	-	1
6	640851	93.8	20	3	1846	1782	1508	1
7	850719	58.8	20	1	1890	-	-	1
8	202348	62.7	20	3	1120	1528	1533	1
9	409442	56.4	20	3	1144	1183	1388	1
10	616996	53.9	20	2	1488	1436	-	1
11	822270	80.4	20	3	1625	1830	1439	1
12	176902	98.9	20	3	1099	1758	1152	1
13	384965	77.4	20	1	1451	-	-	1

Bin5 Statistics 4

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	458647	96.7	6	3	1122	1238	1923	1
1	619203	56.6	6	3	1347	1102	1933	1
2	117429	99.4	6	3	1371	1864	1788	1
3	279227	54.8	6	1	1861	-	-	1
4	439594	52.9	6	2	1749	1424	-	1
5	600539	86.5	6	2	1348	1795	-	1
6	98121	61.6	6	1	1920	-	-	1
7	258357	60.9	6	3	1863	1125	1460	1
8	419262	61.7	6	3	1673	1081	1226	1
9	580114	86.9	6	2	1870	1962	-	1
10	78108	55.2	6	2	1667	1567	-	1
11	238443	64.4	6	3	1970	1633	1207	1
12	399218	53.6	6	3	1657	1085	1648	1
13	561309	64.4	6	2	1313	1340	-	1
14	58481	83.2	6	1	1039	-	-	1
15	219314	89	6	2	1176	1688	-	1
16	380020	52.9	6	2	1406	1959	-	1
17	542207	79.9	6	1	1751	-	-	1

Bin5 Statistics 5

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	43287	74.6	13	2	1919	1538	-	0
1	223945	88.4	13	3	1689	1966	1140	0
2	405466	64	13	2	1643	1707	-	0
3	588225	84	13	1	1220	-	-	0
4	20961	53.2	13	3	1314	1641	1338	0
5	202691	79.1	13	1	1071	-	-	0
6	382692	84.5	13	3	1225	1507	1531	0
7	564780	66.6	13	2	1256	1387	-	0
8	746217	62.1	13	2	1300	1164	-	0
9	180283	88.9	13	1	1213	-	-	0
10	361827	55.6	13	1	1337	-	-	0
11	543100	60.1	13	1	1753	-	-	0
12	725296	55.8	13	1	1007	-	-	0
13	157851	63.6	13	1	1510	-	-	0
14	338710	72.8	13	2	1940	1054	-	0
15	520772	70.2	13	1	1716	-	-	0

Bin5 Statistics 6

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	862525	85.4	13	3	1332	1562	1123	1
1	166231	75.9	13	3	1677	1231	1856	1
2	388983	58.7	13	3	1243	1755	1690	1
3	614162	62.8	13	1	1024	-	-	1
4	837603	79.9	13	1	1228	-	-	1
5	139325	71.2	13	1	1269	-	-	1
6	362248	80.3	13	2	1372	1534	-	1
7	583950	71.1	13	3	1385	1922	1908	1
8	808567	99.3	13	2	1272	1659	-	1
9	111353	64.6	13	3	1587	1965	1297	1
10	334193	69.8	13	3	1325	1253	1882	1
11	558696	95.3	13	1	1642	-	-	1
12	780947	82.6	13	2	1636	1450	-	1

Bin5 Statistics 7

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	91278	79.3	13	1	1282	-	-	1
1	333550	75.7	13	1	1128	-	-	1
2	574461	73.7	13	2	1840	1624	-	1
3	815992	53.5	13	2	1741	1918	-	1
4	61367	74	13	2	1384	1107	-	1
5	303305	55.7	13	2	1278	1179	-	1
6	545593	60.4	13	1	1812	-	-	1
7	786768	63.4	13	2	1310	1664	-	1
8	31499	62.6	13	3	1519	1932	1206	1
9	272994	53.3	13	3	1461	1381	1475	1
10	514725	70.2	13	3	1018	1786	1035	1
11	757722	70.3	13	1	2000	-	-	1

Bin5 Statistics 8

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1060	86.3	20	1	1852	-	-	0
1	145505	74.4	20	3	1079	1352	1980	0
2	291139	72.8	20	1	1976	-	-	0
3	434628	55.2	20	3	1188	1609	1305	0
4	580408	51.5	20	2	1661	1149	-	0
5	128353	81.1	20	1	1422	-	-	0
6	273443	91.7	20	1	1606	-	-	0
7	418448	91.6	20	1	1783	-	-	0
8	562521	83.5	20	2	1709	1150	-	0
9	110017	79	20	2	1897	1982	-	0
10	254943	57.2	20	2	1462	1602	-	0
11	399718	80.3	20	2	1699	1367	-	0
12	546269	90.1	20	1	1119	-	-	0
13	92647	50	20	1	1045	-	-	0
14	237607	53.4	20	1	1814	-	-	0
15	383039	58.1	20	1	1261	-	-	0
16	527225	92.9	20	2	1161	1264	-	0
17	74242	84.8	20	3	1344	1805	1996	0
18	219918	88.6	20	1	1319	-	-	0
19	364971	59.2	20	1	1558	-	-	0

Bin5 Statistics 9

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1132851	89.3	20	3	1757	1205	1359	1
1	126273	84.1	20	3	1111	1034	1037	1
2	449577	82.8	20	1	1108	-	-	1
3	770243	63.2	20	3	1540	1927	1849	1
4	1093921	81.9	20	2	1806	1575	-	1
5	86487	56.6	20	3	1710	1075	1153	1
6	408847	81.8	20	3	1714	1233	1186	1
7	731130	57.8	20	3	1415	1180	1701	1
8	1054329	62.4	20	2	1397	1807	-	1

Bin5 Statistics 10

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	26219	56.8	5	3	1619	1789	1390	1
1	207773	72.8	5	1	1847	-	-	1
2	389261	72.5	5	1	1776	-	-	1
3	570728	88.5	5	1	1777	-	-	1
4	3973	92.6	5	1	1588	-	-	1
5	185487	93.6	5	1	1586	-	-	1
6	367124	96.8	5	1	1335	-	-	1
7	548805	57.4	5	1	1190	-	-	1
8	730087	65.8	5	1	1527	-	-	1
9	162405	97.7	5	3	1336	1838	1731	1
10	344179	83.6	5	2	1483	1110	-	1
11	524857	78.1	5	3	1172	1166	1097	1
12	705632	53.7	5	3	1043	1444	1255	1
13	140809	99.2	5	1	1379	-	-	1
14	320870	50.2	5	3	1969	1482	1420	1
15	501942	68.4	5	3	1537	1733	1073	1

Bin5 Statistics 11

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1369567	93.5	8	3	1032	1484	1811	1
1	237127	63.4	8	1	1258	-	-	1
2	600394	74	8	1	1820	-	-	1
3	964180	52.2	8	1	1151	-	-	1
4	1324627	52.3	8	3	1249	1865	1504	1
5	192320	70.6	8	1	1509	-	-	1
6	555842	77.9	8	1	1267	-	-	1
7	917166	64.8	8	3	1389	1931	1477	1

Bin5 Statistics 12

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	930964	61	18	2	1750	1505	-	1
1	107225	81.1	18	1	1987	-	-	1
2	371438	52.2	18	1	1649	-	-	1
3	634632	91.7	18	2	1899	1440	-	1
4	899612	59.6	18	1	1874	-	-	1
5	74754	73.4	18	1	1104	-	-	1
6	338698	95	18	2	1168	1121	-	1
7	602381	99.4	18	2	1801	1105	-	1
8	867048	83.9	18	1	1911	-	-	1
9	42138	79.2	18	2	1109	1511	-	1
10	305281	76.6	18	3	2000	1554	1916	1

Bin5 Statistics 13

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	522944	56.2	7	1	1601	-	-	1
1	763752	84.7	7	2	1718	1626	-	1
2	8814	91.9	7	2	1904	1600	-	1
3	250963	97.6	7	1	1645	-	-	1
4	491828	56.4	7	3	1713	1468	1031	1
5	732985	56.7	7	3	1885	1236	1570	1
6	977453	50.6	7	1	1551	-	-	1
7	220672	77	7	2	1837	1914	-	1
8	461616	87.1	7	3	1948	1277	1985	1
9	703206	55	7	3	1760	1595	1400	1
10	947550	81.1	7	1	1630	-	-	1
11	190790	85.6	7	3	1129	1881	1365	1

Bin5 Statistics 14

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	258591	84.9	9	3	1083	1414	1891	0
1	403766	82.6	9	2	1983	1341	-	0
2	550100	94.8	9	1	1560	-	-	0
3	96411	88.5	9	3	1214	1096	1655	0
4	240432	93.2	9	3	1694	1790	1808	0
5	385877	57.8	9	2	1887	1535	-	0
6	529689	55.5	9	3	1712	1512	1184	0
7	78519	60	9	3	1204	1944	1467	0
8	223356	86.3	9	2	1660	1787	-	0
9	369458	94.9	9	1	1147	-	-	0
10	513076	57.7	9	2	1476	1559	-	0
11	60908	77.5	9	2	1638	1254	-	0
12	205046	61.5	9	3	1842	1544	1479	0
13	351513	91.4	9	1	1241	-	-	0
14	494123	55	9	3	1593	1295	1496	0
15	43008	97.8	9	3	1622	1030	1101	0
16	187422	92.5	9	3	1432	1724	1215	0
17	333449	52.7	9	1	1557	-	-	0
18	476479	84.3	9	3	1171	1652	1374	0
19	25254	94.3	9	2	1000	1378	-	0

Bin5 Statistics 15

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	212654	74.5	20	2	1984	1306	-	1
1	393831	72.5	20	2	1797	1349	-	1
2	575246	94	20	2	1502	1281	-	1
3	9248	83.8	20	2	1726	1417	-	1
4	190274	51.6	20	2	1963	1613	-	1
5	370950	65.9	20	3	1706	1545	1038	1
6	553889	67.5	20	1	1478	-	-	1
7	735225	95.6	20	1	1686	-	-	1
8	167712	51.6	20	3	1209	1858	1678	1
9	348537	93.6	20	3	1002	1857	1721	1
10	531615	90.9	20	1	1354	-	-	1
11	710351	59.8	20	3	1608	1696	1026	1
12	146131	79.9	20	1	1247	-	-	1
13	327146	95.5	20	2	1373	1200	-	1
14	509049	67.3	20	1	1650	-	-	1
15	690397	59.1	20	1	1813	-	-	1

Bin5 Statistics 16

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	123393	64.9	10	3	1199	1086	1197	1
1	304769	84.9	10	2	1192	1500	-	1
2	485324	51.8	10	3	1679	1063	1012	1
3	668454	91.5	10	1	1355	-	-	1
4	101246	78.3	10	2	1326	1010	-	1
5	282026	69.1	10	3	1191	1298	1309	1
6	464616	90.4	10	1	1198	-	-	1
7	645941	61.4	10	1	1526	-	-	1
8	79035	76.9	10	1	1155	-	-	1
9	260391	64.4	10	1	1909	-	-	1
10	441822	86	10	1	1917	-	-	1
11	621314	65.1	10	3	1521	1315	1411	1
12	56642	51.6	10	1	1443	-	-	1
13	238143	52.9	10	1	1591	-	-	1
14	418886	84.5	10	2	1072	1893	-	1
15	600238	84.4	10	2	1487	1262	-	1

Bin5 Statistics 17

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	49725	70.7	7	3	1892	1532	1634	1
1	313149	86.8	7	3	1668	1448	1695	1
2	577726	61	7	2	1598	1021	-	1
3	841148	62.3	7	2	1343	1952	-	1
4	17289	88.6	7	3	1888	1437	1516	1
5	280997	60.9	7	3	1076	1307	1290	1
6	545032	86.8	7	2	1260	1722	-	1
7	808027	77.2	7	3	1077	1785	1279	1
8	1073919	90.4	7	1	1792	-	-	1
9	248809	60	7	2	1160	1235	-	1
10	513275	58.4	7	1	1404	-	-	1

Bin5 Statistics 18

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	567885	92.7	18	3	1463	1304	1474	1
1	760015	54	18	3	1491	1973	1683	1
2	158303	97.9	18	2	1822	1492	-	1
3	352344	97.6	18	1	1456	-	-	1
4	545037	66	18	2	1730	1158	-	1
5	736222	74.1	18	3	1937	1961	1301	1
6	134573	96	18	2	1582	1317	-	1
7	328607	82.9	18	1	1167	-	-	1
8	520819	57.6	18	2	1862	1647	-	1
9	714191	50.8	18	2	1419	1868	-	1
10	110761	92.8	18	2	1859	1036	-	1
11	304600	66	18	1	1542	-	-	1
12	497533	55.3	18	2	1353	1339	-	1
13	692290	82.2	18	1	1095	-	-	1
14	87094	82.6	18	1	1549	-	-	1

Bin5 Statistics 19

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	247457	56.8	10	2	1003	1098	-	0
1	418707	87.3	10	1	1157	-	-	0
2	588133	79.9	10	2	1577	1364	-	0
3	55637	52.4	10	2	1665	1769	-	0
4	226694	93.9	10	1	1287	-	-	0
5	396633	98.8	10	2	1843	1124	-	0
6	568258	59	10	1	1546	-	-	0
7	34647	56.5	10	3	1025	1375	1146	0
8	205558	89.1	10	1	1584	-	-	0
9	375699	93.1	10	2	1515	1329	-	0
10	545210	84.5	10	3	1311	1391	1427	0
11	13650	54.9	10	3	1431	1680	1178	0
12	184565	70.5	10	1	1403	-	-	0
13	355557	54	10	1	1138	-	-	0
14	526123	98.1	10	1	1616	-	-	0
15	693791	74.6	10	3	1743	1992	1053	0
16	163586	51.1	10	1	1113	-	-	0

Bin5 Statistics 20

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	334200	68.3	16	1	1778	-	-	1
1	503033	60.7	16	3	1503	1732	1240	1
2	675306	97.7	16	2	1135	1090	-	1
3	142148	57.4	16	2	1740	1273	-	1
4	312465	79	16	2	1886	1466	-	1
5	484197	66.8	16	1	1394	-	-	1
6	653044	70	16	3	1366	1142	1051	1
7	121337	91	16	1	1928	-	-	1
8	291600	55.6	16	2	1252	1804	-	1
9	462931	70.1	16	1	1727	-	-	1
10	634358	76.9	16	1	1009	-	-	1
11	100381	83.5	16	1	1410	-	-	1
12	271178	78	16	1	1564	-	-	1
13	440923	70.8	16	2	1321	1956	-	1
14	610681	55.6	16	3	1006	1165	1848	1
15	79340	80.2	16	1	1362	-	-	1
16	249391	56	16	2	1781	1884	-	1

Bin5 Statistics 21

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	356566	54	15	2	1717	1698	-	1
1	502527	99.6	15	1	1903	-	-	1
2	49492	97.3	15	1	1845	-	-	1
3	194004	87.9	15	3	1196	1145	1224	1
4	339909	66.1	15	1	1363	-	-	1
5	483314	59.7	15	2	1605	1958	-	1
6	31602	83.6	15	2	1222	1014	-	1
7	176878	97.5	15	1	1223	-	-	1
8	322206	58.8	15	1	1027	-	-	1
9	465426	54.4	15	2	1883	1770	-	1
10	13734	81.6	15	2	1691	1020	-	1
11	158881	69.1	15	1	1632	-	-	1
12	303483	75.5	15	2	1078	1581	-	1
13	448935	78.8	15	1	1889	-	-	1
14	594797	59.5	15	1	1082	-	-	1
15	140764	76.3	15	2	1116	1541	-	1
16	285405	91.6	15	2	1251	1895	-	1
17	431010	97.7	15	1	1967	-	-	1
18	573914	94.7	15	3	1289	1681	1217	1
19	122593	84.6	15	3	1765	1016	1459	1

Bin5 Statistics 22

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	596142	75.2	18	3	1056	1302	1212	0
1	917381	77.9	18	3	1828	1978	1603	0
2	1242875	70.4	18	1	1734	-	-	0
3	233745	59.9	18	3	1729	1579	1185	0
4	557209	61.4	18	1	1676	-	-	0
5	879399	88.2	18	2	1583	1271	-	0
6	1201462	78.6	18	2	1879	1662	-	0
7	194461	82.2	18	1	1656	-	-	0
8	516444	73	18	3	1017	1259	1929	0

Bin5 Statistics 23

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	754293	61.1	14	3	1905	1481	1392	1
1	1046989	72.3	14	1	1552	-	-	1
2	139266	78.8	14	1	1005	-	-	1
3	429174	74.8	14	2	1873	1604	-	1
4	719426	64.5	14	2	1585	1796	-	1
5	1009869	100	14	2	1285	1829	-	1
6	103084	98.6	14	3	1946	1471	1802	1
7	393487	77.3	14	2	1752	1547	-	1
8	683720	63.2	14	2	1975	1331	-	1
9	972197	52.1	14	3	1704	1824	1939	1

Bin5 Statistics 24

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	56295	50.9	12	1	1935	-	-	0
1	298407	64	12	1	1767	-	-	0
2	540450	59.9	12	1	1877	-	-	0
3	781821	70.2	12	2	1170	1607	-	0
4	26415	62.4	12	3	1867	1044	1405	0
5	268647	88.4	12	1	1539	-	-	0
6	509376	71.8	12	3	1866	1409	1058	0
7	752810	80.2	12	1	1742	-	-	0
8	995195	91.3	12	1	1465	-	-	0
9	238045	67.4	12	3	1836	1518	1421	0
10	480118	57.2	12	2	1453	1869	-	0
11	720644	86.4	12	3	1672	1685	1621	0

Bin5 Statistics 25

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	642859	73.1	14	1	1719	-	-	1
1	138688	61	14	3	1356	1299	1425	1
2	300090	95.7	14	2	1383	1139	-	1
3	459493	80.8	14	3	1294	1658	1979	1
4	620349	76.2	14	3	1692	1748	1103	1
5	118759	79.1	14	3	1739	1143	1945	1
6	279799	87.4	14	2	1957	1631	-	1
7	441116	76.4	14	2	1438	1399	-	1
8	602059	77.9	14	2	1871	1028	-	1
9	99433	81.1	14	1	1851	-	-	1
10	260705	51.4	14	1	1766	-	-	1
11	420867	74.5	14	2	1702	1793	-	1
12	583308	97.8	14	1	1670	-	-	1
13	79622	82.2	14	1	1433	-	-	1
14	240290	52.8	14	2	1876	1412	-	1
15	400920	94.4	14	2	1794	1924	-	1
16	561020	60.9	14	3	1687	1523	1318	1
17	59615	78.9	14	2	1639	1276	-	1

Bin5 Statistics 26

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	398159	60.9	10	1	1977	-	-	1
1	689218	99	10	1	1106	-	-	1
2	979437	78.4	10	1	1780	-	-	1
3	71690	95.6	10	2	1986	1994	-	1
4	361576	93.7	10	3	1219	1854	1525	1
5	652142	70.5	10	2	1926	1490	-	1
6	943209	65.3	10	2	1004	1324	-	1
7	36048	57.6	10	1	1041	-	-	1
8	326294	58	10	2	1997	1022	-	1
9	616527	71.5	10	2	1169	1991	-	1

Bin5 Statistics 27

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	502860	89.6	14	2	1132	1835	-	1
1	128	58	14	2	1563	1489	-	1
2	161003	87.4	14	2	1875	1473	-	1
3	322020	64.7	14	2	1434	1623	-	1
4	484420	65.8	14	1	1060	-	-	1
5	645175	74.7	14	1	1756	-	-	1
6	140775	99.2	14	3	1995	1612	1675	1
7	302869	67.7	14	1	1578	-	-	1
8	464531	79.2	14	1	1066	-	-	1
9	622709	83.7	14	3	1211	1497	1815	1
10	121420	73.8	14	2	1163	1915	-	1
11	281730	69.5	14	3	1700	1242	1620	1
12	444413	90	14	1	1416	-	-	1
13	605994	86.8	14	1	1156	-	-	1
14	101831	74.3	14	1	1543	-	-	1
15	263202	69.9	14	1	1398	-	-	1
16	423321	62.5	14	3	1131	1019	1174	1
17	583181	85.4	14	3	1573	1589	1322	1

Bin5 Statistics 28

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	134202	72.5	5	1	1841	-	-	1
1	398050	80.2	5	2	1293	1328	-	1
2	661074	85.6	5	3	1345	1428	1361	1
3	926655	77.5	5	1	1779	-	-	1
4	101682	69.3	5	1	1671	-	-	1
5	365503	62.3	5	2	1280	1446	-	1
6	629504	56.4	5	2	1292	1291	-	1
7	892927	58.3	5	2	1981	1248	-	1
8	68972	58	5	3	1943	1015	1402	1
9	332218	77.6	5	3	1615	1723	1925	1
10	597407	67.3	5	1	1825	-	-	1

Bin5 Statistics 29

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	523520	75.1	7	3	1449	1498	1934	1
1	22336	65.5	7	1	1988	-	-	1
2	183004	68.5	7	3	1426	1327	1181	1
3	344635	71	7	2	1087	1117	-	1
4	504482	65.8	7	3	1195	1401	1323	1
5	2469	86.9	7	3	1998	1194	1447	1
6	163190	69.9	7	3	1358	1268	1368	1
7	324213	93.7	7	2	1942	1430	-	1
8	484660	86.7	7	3	1246	1572	1133	1
9	647986	58.6	7	1	1284	-	-	1
10	143234	73	7	3	1216	1878	1637	1
11	305148	83.1	7	1	1737	-	-	1
12	466707	85.1	7	1	1320	-	-	1
13	625769	65.2	7	2	1860	1902	-	1
14	124104	77.2	7	1	1274	-	-	1
15	285252	55	7	1	1810	-	-	1
16	446809	91.5	7	1	1351	-	-	1
17	605053	58.9	7	3	1162	1627	1971	1

Bin5 Statistics 30

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	98195	91.6	8	3	1834	1187	1666	1
1	251399	71.2	8	1	1772	-	-	1
2	403023	73.8	8	2	1576	1949	-	1
3	555415	58	8	2	1596	1850	-	1
4	79684	79.9	8	2	1210	1762	-	1
5	232515	85.2	8	1	1960	-	-	1
6	383524	77.8	8	3	1705	1821	1202	1
7	536362	85.9	8	3	1393	1182	1208	1
8	61026	62.1	8	1	1728	-	-	1
9	213396	88.8	8	2	1614	1257	-	1
10	364590	75	8	3	1993	1803	1288	1
11	517320	58.3	8	3	1266	1050	1816	1
12	42074	57.5	8	3	1061	1230	1457	1
13	194618	66.7	8	2	1817	1040	-	1
14	345692	71.5	8	3	1823	1644	1947	1
15	500705	50.4	8	1	1452	-	-	1
16	23343	54	8	2	1441	1628	-	1
17	175757	68.2	8	2	1761	1377	-	1
18	327407	55.2	8	3	1629	1513	1464	1

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	1.0	333	1	5354	5632	5378	5619	5553
						5493	5675	5425	5326	5445
						5587	5519	5601	5526	5716
						5665	5368	5683	5631	5264
						5638	5390	5528	5508	5438
						5529	5416	5465	5298	5395
						5284	5660	5327	5637	5536
						5697	5455	5643	5345	5471
						5579	5492	5435	5437	5677
						5434	5346	5310	5451	5517
						5524	5610	5645	5391	5452
						5311	5692	5371	5424	5460
						5377	5278	5652	5442	5689
						5715	5269	5450	5588	5410
						5396	5680	5556	5351	5530
						5356	5361	5603	5693	5399
						5362	5283	5532	5572	5593
						5585	5462	5321	5394	5466
						5504	5654	5275	5717	5382
						5320	5432	5307	5421	5272
2	5500	9	1.0	333	1	5357	5450	5723	5664	5278
						5597	5449	5373	5684	5274
						5515	5634	5594	5543	5341
						5614	5451	5367	5577	5492
						5353	5259	5696	5356	5620
						5656	5345	5429	5615	5471
						5539	5435	5609	5689	5528
						5595	5419	5319	5394	5488
						5271	5628	5629	5486	5439
						5598	5267	5447	5638	5704
						5650	5677	5591	5602	5514
						5348	5576	5714	5391	5444
						5599	5270	5483	5560	5460
						5330	5372	5630	5362	5445
						5382	5320	5339	5547	5452
						5264	5369	5261	5623	5516
						5258	5643	5569	5257	5522
						5430	5366	5527	5275	5297

						5711	5416	5276	5359	5476
						5459	5335	5509	5518	5607
3	5500	9	1.0	333	1	5612	5689	5659	5350	5595
						5639	5374	5448	5372	5481
						5349	5423	5635	5263	5362
						5702	5578	5470	5525	5684
						5361	5425	5637	5445	5593
						5544	5672	5632	5341	5505
						5581	5324	5566	5429	5680
						5415	5558	5410	5665	5660
						5564	5334	5424	5679	5671
						5427	5721	5287	5703	5467
						5303	5565	5437	5302	5561
						5482	5301	5314	5357	5625
						5456	5308	5294	5394	5418
						5530	5609	5274	5619	5438
						5560	5588	5723	5695	5592
						5636	5304	5624	5461	5582
						5513	5686	5493	5363	5722
						5653	5614	5296	5443	5457
						5370	5524	5557	5641	5465
						5369	5299	5618	5535	5662
4	5500	9	1.0	333	1	5392	5453	5595	5511	5340
						5303	5396	5523	5535	5310
						5280	5687	5676	5458	5383
						5693	5608	5573	5570	5401
						5369	5591	5675	5437	5566
						5335	5621	5360	5445	5539
						5720	5688	5644	5454	5613
						5600	5501	5461	5416	5671
						5403	5417	5362	5347	5592
						5503	5407	5426	5723	5281
						5354	5343	5479	5519	5623
						5505	5670	5255	5286	5328
						5721	5315	5317	5379	5351
						5495	5404	5552	5313	5424
						5563	5699	5654	5561	5447
						5605	5616	5692	5294	5375
						5653	5442	5456	5259	5635
						5325	5421	5297	5377	5331
						5471	5306	5656	5252	5649
						5717	5664	5274	5553	5449
5	5500	9	1.0	333	1	5550	5692	5531	5672	5657
						5345	5321	5501	5698	5517

						5589	5573	5717	5653	5404
						5306	5260	5579	5615	5593
						5377	5660	5616	5526	5539
						5473	5563	5549	5287	5674
						5480	5384	5606	5433	5264
						5689	5257	5569	5585	5500
						5300	5587	5432	5290	5509
						5334	5619	5694	5655	5570
						5712	5423	5352	5383	5684
						5597	5580	5299	5375	5262
						5440	5680	5297	5318	5292
						5393	5572	5296	5355	5385
						5507	5663	5664	5675	5516
						5401	5590	5586	5327	5716
						5357	5259	5556	5395	5319
						5545	5575	5496	5477	5340
						5441	5666	5648	5647	5532
						5552	5582	5413	5530	5418
6	5500	9	1.0	333	1	5330	5456	5467	5261	5402
						5387	5343	5576	5289	5724
						5520	5362	5283	5373	5425
						5394	5682	5563	5310	5288
						5351	5557	5518	5512	5489
						5325	5669	5653	5607	5329
						5340	5502	5380	5253	5403
						5305	5625	5344	5499	5556
						5583	5713	5352	5683	5264
						5270	5592	5364	5290	5506
						5473	5356	5621	5326	5721
						5296	5571	5638	5312	5399
						5504	5645	5272	5718	5519
						5716	5429	5404	5566	5536
						5554	5493	5666	5513	5651
						5475	5424	5636	5567	5331
						5606	5304	5354	5454	5459
						5712	5282	5447	5633	5426
						5318	5395	5661	5580	5277
						5323	5632	5545	5414	5655
7	5500	9	1.0	333	1	5585	5695	5403	5422	5719
						5429	5268	5651	5452	5456
						5451	5626	5324	5471	5446
						5482	5514	5310	5608	5502
						5296	5420	5595	5607	5485
						5377	5274	5397	5379	5641

						5468	5549	5297	5717	5532
						5542	5396	5421	5497	5510
						5395	5288	5495	5680	5668
						5250	5675	5325	5343	5349
						5672	5415	5447	5618	5284
						5592	5596	5619	5633	5335
						5724	5579	5286	5342	5287
						5368	5614	5458	5339	5479
						5669	5362	5627	5434	5544
						5304	5548	5450	5587	5295
						5367	5254	5649	5459	5554
						5639	5598	5380	5566	5593
						5351	5586	5311	5385	5700
						5407	5713	5443	5393	5283
8	5500	9	1.0	333	1	5365	5459	5436	5583	5464
						5568	5290	5251	5615	5285
						5415	5666	5467	5473	5641
						5413	5653	5694	5304	5586
						5536	5599	5458	5265	5601
						5600	5483	5675	5510	5438
						5254	5457	5306	5271	5584
						5487	5692	5650	5424	5331
						5371	5492	5260	5677	5597
						5705	5283	5383	5396	5658
						5700	5708	5723	5270	5562
						5472	5546	5590	5287	5500
						5669	5411	5255	5707	5543
						5711	5404	5446	5253	5617
						5698	5465	5294	5686	5603
						5393	5718	5664	5350	5529
						5674	5560	5368	5527	5369
						5362	5493	5305	5259	5466
						5431	5717	5516	5592	5345
						5494	5339	5462	5697	5372
9	5500	9	1.0	333	1	5620	5320	5372	5269	5306
						5610	5690	5326	5303	5492
						5691	5679	5503	5386	5488
						5561	5671	5516	5698	5508
						5655	5477	5688	5431	5531
						5550	5328	5587	5709	5552
						5327	5686	5672	5458	5469
						5723	5578	5585	5425	5338
						5645	5454	5430	5500	5674
						5429	5685	5366	5441	5449

						5448	5479	5409	5299	5568
						5660	5407	5319	5665	5614
						5718	5653	5440	5656	5523
						5420	5392	5548	5297	5438
						5482	5352	5590	5309	5493
						5510	5354	5573	5624	5623
						5564	5265	5335	5268	5451
						5385	5490	5611	5681	5598
						5282	5347	5603	5356	5517
						5336	5254	5489	5521	5696
10	5500	9	1.0	333	0	5303	5559	5308	5430	5526
						5652	5712	5401	5466	5699
						5622	5565	5544	5581	5509
						5649	5323	5522	5646	5700
						5698	5346	5418	5680	5404
						5419	5402	5531	5691	5268
						5594	5313	5643	5315	5707
						5289	5387	5669	5381	5578
						5349	5484	5537	5368	5265
						5671	5358	5665	5449	5499
						5502	5335	5355	5585	5350
						5304	5391	5353	5276	5454
						5597	5528	5532	5448	5656
						5647	5479	5599	5567	5609
						5379	5488	5415	5464	5534
						5397	5287	5458	5311	5429
						5539	5491	5606	5683	5405
						5690	5653	5720	5274	5328
						5299	5436	5263	5431	5371
						5604	5316	5607	5615	5373
11	5500	9	1.0	333	1	5558	5323	5719	5591	5368
						5694	5637	5476	5532	5528
						5456	5354	5585	5301	5530
						5262	5450	5625	5691	5417
						5706	5415	5294	5377	5685
						5254	5302	5258	5677	5600
						5384	5487	5429	5382	5652
						5256	5263	5717	5306	5408
						5290	5665	5548	5460	5555
						5286	5401	5393	5592	5675
						5464	5690	5250	5406	5577
						5520	5601	5479	5305	5642
						5293	5698	5404	5633	5400
						5611	5434	5270	5431	5452

						5682	5569	5383	5318	5661
						5379	5338	5576	5643	5291
						5390	5511	5629	5536	5707
						5253	5489	5724	5627	5271
						5607	5590	5695	5539	5411
						5388	5606	5523	5546	5355
12	5500	9	1.0	333	1	5338	5562	5655	5277	5588
						5358	5659	5551	5695	5260
						5387	5618	5626	5399	5253
						5577	5261	5609	5617	5581
						5397	5286	5350	5573	5678
						5365	5521	5336	5300	5566
						5557	5270	5633	5307	5568
						5473	5448	5506	5652	5259
						5325	5719	5648	5287	5594
						5528	5615	5518	5511	5487
						5582	5462	5452	5482	5415
						5619	5362	5405	5544	5377
						5706	5685	5546	5311	5703
						5591	5507	5354	5530	5682
						5705	5500	5460	5410	5704
						5400	5572	5550	5635	5331
						5442	5543	5401	5296	5433
						5351	5455	5607	5441	5284
						5449	5701	5713	5274	5407
						5255	5505	5569	5323	5262
13	5500	9	1.0	333	1	5593	5326	5591	5438	5430
						5400	5584	5626	5383	5467
						5318	5407	5667	5594	5572
						5341	5704	5356	5306	5625
						5650	5338	5375	5323	5364
						5530	5568	5370	5342	5552
						5514	5485	5310	5602	5707
						5564	5659	5663	5573	5408
						5657	5413	5284	5523	5508
						5698	5576	5277	5361	5638
						5503	5668	5713	5466	5365
						5316	5595	5363	5348	5360
						5491	5618	5529	5534	5317
						5456	5390	5265	5372	5399
						5589	5309	5386	5369	5692
						5396	5531	5412	5441	5464
						5614	5546	5314	5550	5475
						5395	5532	5647	5391	5719

						5699	5631	5521	5262	5336
						5403	5451	5329	5460	5504
14	5500	9	1.0	333	1	5276	5565	5527	5502	5650
						5442	5606	5701	5546	5296
						5627	5671	5708	5314	5593
						5429	5259	5459	5254	5518
						5633	5341	5376	5367	5252
						5479	5404	5481	5441	5471
						5603	5559	5325	5371	5655
						5612	5337	5577	5412	5588
						5595	5653	5281	5355	5488
						5306	5537	5617	5639	5712
						5339	5554	5282	5536	5410
						5553	5270	5310	5560	5319
						5489	5540	5533	5450	5615
						5405	5426	5572	5264	5288
						5575	5362	5622	5716	5539
						5512	5664	5454	5299	5611
						5686	5449	5689	5374	5267
						5440	5446	5305	5370	5556
						5250	5258	5513	5538	5317
						5320	5301	5430	5432	5280
15	5500	9	1.0	333	1	5531	5329	5463	5663	5492
						5484	5301	5612	5503	5558
						5557	5274	5509	5614	5517
						5386	5465	5299	5710	5544
						5507	5317	5456	5269	5615
						5331	5499	5455	5341	5523
						5330	5428	5343	5711	5620
						5413	5271	5408	5587	5491
						5251	5671	5436	5321	5278
						5284	5468	5389	5595	5670
						5429	5588	5515	5605	5371
						5262	5257	5266	5602	5500
						5379	5668	5521	5705	5478
						5354	5365	5307	5534	5566
						5640	5561	5606	5385	5716
						5581	5685	5360	5585	5493
						5344	5564	5260	5687	5608
						5352	5337	5459	5308	5400
						5553	5665	5721	5353	5298
						5555	5372	5304	5296	5312
16	5500	9	1.0	333	1	5311	5568	5399	5349	5712
						5623	5553	5376	5300	5710

						5392	5346	5315	5704	5635
						5508	5513	5344	5427	5552
						5576	5258	5448	5717	5406
						5658	5605	5559	5375	5565
						5316	5385	5558	5485	5343
						5459	5301	5265	5502	5279
						5374	5561	5275	5591	5472
						5653	5723	5464	5691	5656
						5460	5560	5676	5357	5556
						5690	5673	5639	5650	5395
						5423	5686	5579	5469	5542
						5303	5401	5614	5329	5272
						5547	5609	5709	5692	5540
						5557	5480	5253	5474	5596
						5674	5516	5627	5698	5352
						5470	5397	5554	5273	5354
						5388	5411	5359	5655	5600
						5572	5669	5291	5638	5487
17	5500	9	1.0	333	1	5566	5332	5335	5510	5554
						5665	5478	5451	5463	5539
						5323	5610	5453	5327	5656
						5596	5640	5671	5389	5716
						5560	5267	5296	5537	5690
						5294	5607	5333	5663	5409
						5704	5680	5342	5298	5637
						5638	5691	5550	5572	5418
						5416	5501	5362	5312	5326
						5369	5520	5428	5555	5614
						5301	5581	5718	5392	5707
						5646	5383	5523	5545	5405
						5492	5304	5368	5518	5502
						5415	5365	5252	5437	5349
						5696	5309	5630	5709	5558
						5668	5499	5526	5600	5299
						5455	5373	5687	5297	5316
						5338	5505	5255	5360	5271
						5616	5477	5683	5576	5263
						5440	5686	5482	5567	5270
18	5500	9	1.0	333	1	5724	5571	5271	5671	5299
						5707	5500	5526	5626	5254
						5399	5494	5522	5677	5684
						5292	5337	5433	5471	5336
						5712	5529	5663	5560	5459
						5536	5443	5666	5416	5411

						5361	5258	5641	5368	5668
						5330	5340	5542	5250	5469
						5366	5449	5311	5638	5672
						5257	5468	5594	5568	5283
						5260	5681	5467	5464	5498
						5689	5484	5410	5350	5328
						5458	5566	5676	5376	5656
						5491	5353	5478	5616	5310
						5644	5398	5720	5442	5436
						5625	5322	5553	5383	5502
						5613	5633	5629	5420	5581
						5359	5406	5266	5371	5675
						5721	5703	5537	5465	5627
						5369	5694	5407	5447	5316
19	5500	9	1.0	333	1	5504	5335	5682	5357	5519
						5371	5425	5601	5692	5478
						5563	5663	5535	5717	5698
						5297	5322	5402	5382	5625
						5479	5502	5653	5618	5636
						5448	5408	5264	5493	5477
						5313	5555	5256	5631	5656
						5397	5257	5261	5346	5341
						5654	5709	5363	5281	5291
						5721	5255	5310	5258	5470
						5269	5334	5349	5407	5314
						5446	5418	5688	5508	5455
						5562	5415	5355	5279	5629
						5404	5389	5412	5488	5383
						5550	5602	5337	5634	5620
						5417	5367	5365	5432	5547
						5561	5499	5430	5633	5568
						5558	5449	5410	5498	5701
						5431	5377	5679	5720	5592
						5434	5606	5472	5405	5648
20	5500	9	1.0	333	1	5284	5574	5618	5518	5361
						5413	5447	5676	5380	5307
						5494	5452	5576	5437	5719
						5288	5449	5408	5427	5342
						5487	5571	5691	5610	5609
						5714	5260	5467	5597	5511
						5444	5688	5371	5337	5476
						5536	5348	5532	5499	5255
						5493	5708	5601	5474	5360
						5685	5271	5329	5363	5620

						5346	5445	5385	5438	5705
						5258	5634	5372	5403	5327
						5426	5594	5580	5300	5586
						5552	5350	5590	5351	5698
						5653	5434	5340	5483	5596
						5376	5388	5631	5495	5557
						5711	5624	5496	5625	5410
						5443	5275	5414	5364	5424
						5480	5646	5464	5262	5647
						5418	5261	5488	5575	5615
21	5500	9	1.0	333	1	5539	5338	5554	5582	5581
						5455	5372	5276	5543	5514
						5425	5617	5535	5265	5376
						5576	5511	5375	5534	5398
						5262	5632	5699	5602	5587
						5670	5701	5545	5494	5430
						5645	5586	5489	5674	5675
						5536	5328	5274	5644	5332
						5413	5714	5357	5517	5251
						5412	5416	5410	5600	5524
						5436	5527	5528	5580	5347
						5326	5593	5397	5723	5270
						5720	5418	5378	5393	5523
						5387	5530	5448	5615	5316
						5671	5440	5475	5335	5683
						5508	5299	5476	5334	5555
						5371	5400	5687	5493	5345
						5439	5349	5406	5370	5282
						5415	5519	5719	5286	5486
						5680	5346	5279	5702	5402
22	5500	9	1.0	333	1	5319	5577	5490	5268	5423
						5497	5394	5351	5706	5721
						5259	5602	5658	5255	5286
						5464	5703	5614	5420	5251
						5406	5331	5573	5691	5555
						5536	5301	5330	5579	5704
						5263	5494	5717	5627	5599
						5427	5655	5496	5477	5382
						5451	5446	5495	5332	5469
						5297	5476	5700	5487	5713
						5524	5535	5280	5308	5343
						5271	5377	5532	5287	5250
						5679	5339	5472	5265	5340
						5418	5485	5657	5443	5656

						5294	5652	5628	5345	5457
						5586	5665	5467	5372	5540
						5439	5666	5369	5562	5722
						5292	5442	5492	5617	5606
						5585	5393	5282	5483	5629
						5349	5306	5633	5690	5334
23	5500	9	1.0	333	1	5477	5341	5426	5429	5643
						5636	5319	5297	5453	5665
						5391	5699	5450	5307	5552
						5355	5717	5465	5443	5414
						5497	5514	5305	5528	5281
						5388	5504	5434	5613	5578
						5683	5559	5444	5415	5692
						5381	5718	5492	5580	5569
						5582	5579	5318	5622	5448
						5375	5686	5293	5522	5562
						5352	5401	5538	5327	5371
						5626	5709	5498	5637	5506
						5697	5707	5557	5602	5285
						5340	5421	5362	5572	5610
						5696	5543	5408	5427	5253
						5524	5273	5488	5438	5363
						5678	5631	5435	5390	5260
						5342	5508	5279	5590	5420
						5262	5616	5651	5694	5410
						5337	5467	5527	5328	5409
24	5500	9	1.0	333	1	5257	5580	5362	5590	5485
						5678	5341	5501	5460	5282
						5499	5655	5265	5645	5328
						5543	5385	5345	5510	5325
						5566	5552	5297	5644	5337
						5707	5635	5647	5717	5669
						5516	5659	5664	5512	5520
						5334	5288	5355	5483	5421
						5662	5256	5387	5445	5682
						5569	5661	5351	5478	5449
						5606	5577	5589	5416	5375
						5315	5339	5663	5688	5456
						5652	5486	5428	5706	5638
						5370	5398	5307	5502	5251
						5546	5403	5687	5493	5296
						5534	5419	5615	5313	5320
						5498	5720	5447	5392	5374
						5555	5691	5306	5601	5588

						5427	5451	5425	5685	5651
						5308	5283	5701	5410	5404
25	5500	9	1.0	333	1	5512	5441	5298	5276	5705
						5720	5363	5576	5623	5489
						5430	5444	5403	5365	5349
						5631	5351	5458	5449	5333
						5257	5493	5386	5474	5435
						5664	5264	5681	5284	5558
						5473	5399	5341	5710	5562
						5425	5559	5508	5494	5260
						5367	5669	5627	5442	5611
						5549	5269	5409	5531	5714
						5482	5278	5640	5505	5673
						5637	5527	5617	5306	5653
						5659	5289	5552	5694	5318
						5274	5364	5319	5337	5614
						5297	5302	5323	5712	5581
						5379	5646	5416	5677	5400
						5392	5326	5445	5484	5658
						5384	5272	5452	5566	5423
						5464	5280	5471	5607	5622
						5630	5340	5447	5532	5615
26	5500	9	1.0	333	1	5292	5680	5709	5437	5547
						5287	5288	5651	5311	5696
						5361	5330	5444	5463	5370
						5719	5639	5454	5503	5641
						5341	5423	5434	5378	5447
						5323	5516	5638	5368	5715
						5326	5430	5517	5590	5530
						5701	5452	5661	5408	5671
						5450	5607	5295	5439	5443
						5529	5352	5584	5601	5358
						5691	5496	5581	5571	5472
						5533	5321	5717	5625	5652
						5695	5662	5268	5373	5349
						5567	5483	5395	5698	5649
						5258	5605	5334	5536	5723
						5381	5436	5551	5721	5467
						5623	5606	5415	5388	5379
						5712	5478	5636	5613	5656
						5512	5449	5558	5502	5546
						5718	5572	5498	5707	5509
27	5500	9	1.0	333	1	5450	5444	5645	5598	5292
						5426	5310	5251	5377	5525

						5670	5594	5485	5658	5391
						5332	5291	5557	5548	5358
						5252	5492	5472	5467	5420
						5589	5465	5269	5274	5433
						5387	5257	5267	5350	5365
						5704	5723	5339	5322	5510
						5533	5545	5535	5372	5509
						5435	5428	5637	5709	5630
						5305	5697	5686	5504	5407
						5584	5457	5478	5641	5388
						5692	5409	5656	5459	5286
						5564	5684	5652	5657	5681
						5362	5324	5546	5482	5715
						5309	5378	5662	5526	5475
						5256	5430	5676	5326	5619
						5593	5297	5461	5575	5500
						5691	5346	5392	5496	5255
						5360	5460	5338	5333	5385
28	5500	9	1.0	333	1	5705	5683	5581	5284	5609
						5468	5710	5326	5540	5257
						5601	5383	5526	5378	5412
						5323	5418	5660	5593	5550
						5260	5658	5413	5459	5393
						5477	5317	5472	5673	5308
						5507	5322	5344	5516	5548
						5504	5320	5519	5589	5711
						5349	5616	5483	5300	5530
						5301	5489	5518	5486	5690
						5278	5488	5331	5318	5394
						5520	5372	5382	5401	5475
						5579	5572	5529	5289	5684
						5686	5641	5348	5391	5254
						5564	5636	5292	5277	5506
						5685	5523	5650	5437	5343
						5576	5559	5263	5404	5387
						5438	5570	5696	5384	5258
						5496	5491	5625	5627	5654
						5592	5612	5449	5590	5591
29	5500	9	1.0	333	1	5485	5447	5517	5348	5354
						5510	5257	5401	5703	5464
						5532	5647	5567	5573	5433
						5411	5448	5288	5541	5267
						5268	5252	5548	5366	5365
						5266	5675	5302	5342	5549

						5308	5301	5687	5668	5368
						5546	5315	5722	5663	5321
						5421	5443	5527	5608	5469
						5601	5543	5364	5507	5369
						5483	5343	5694	5707	5336
						5591	5307	5446	5708	5262
						5571	5693	5702	5630	5412
						5590	5384	5698	5621	5367
						5330	5278	5280	5355	5661
						5482	5619	5324	5580	5353
						5669	5519	5568	5275	5674
						5429	5326	5498	5665	5564
						5338	5506	5656	5253	5536
						5679	5609	5667	5565	5487
30	5500	9	1.0	333	1	5265	5686	5453	5509	5671
						5552	5657	5476	5391	5293
						5366	5436	5608	5454	5499
						5575	5294	5586	5459	5654
						5418	5392	5637	5339	5631
						5593	5403	5406	5376	5688
						5672	5258	5330	5442	5566
						5685	5502	5683	5420	5636
						5404	5359	5524	5537	5449
						5684	5505	5321	5430	5715
						5669	5641	5638	5290	5306
						5601	5320	5362	5427	5516
						5525	5528	5576	5710	5539
						5323	5433	5416	5645	5402
						5264	5380	5679	5441	5491
						5444	5723	5605	5304	5300
						5635	5595	5272	5394	5332
						5643	5461	5382	5529	5389
						5514	5346	5259	5598	5691
						5722	5549	5385	5365	5655

5510 MHz, 40 MHz Bandwidth

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

Trial #	Pulse Width (μ S)	PRI (μ s)	Pulse/Burst	Detection (1:yes; 0:no)
1	1	818	65	1
2	1	598	89	1
3	1	738	72	1
4	1	3066	18	1
5	1	518	102	1
6	1	778	68	1
7	1	878	61	0
8	1	718	74	1
9	1	678	78	1
10	1	838	63	1
11	1	658	81	1
12	1	758	70	1
13	1	638	83	1
14	1	558	95	1
15	1	898	59	1
16	1	1897	28	1
17	1	2488	22	0
18	1	1968	27	1
19	1	3020	18	1
20	1	1356	39	1
21	1	1860	29	1
22	1	820	65	1
23	1	1404	38	0
24	1	2045	26	1
25	1	1080	49	1
26	1	2533	21	1
27	1	2961	18	0
28	1	690	77	1
29	1	2772	20	1
30	1	2059	26	1
Detection Percentage: 86.66 % (>60%)				

Table-2 Radar Type 2 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	4.5	174	24	1
2	5	200	23	0
3	4.7	220	26	1
4	1.1	206	28	1
5	1.2	218	27	1
6	2.8	192	26	1
7	1.4	184	25	1
8	2.8	198	29	1
9	1.7	166	23	1
10	2.2	170	27	1
11	4	224	23	0
12	4.9	180	24	1
13	2	188	25	1
14	2.4	151	29	1
15	1.8	197	27	1
16	3.2	190	27	0
17	2.5	202	24	1
18	1.2	165	27	1
19	1.6	178	27	1
20	2.3	173	27	0
21	1.8	160	29	1
22	2.7	168	23	1
23	1.5	169	24	1
24	4.6	181	25	1
25	4.5	195	28	0
26	3.3	226	24	1
27	1	207	28	1
28	2.7	230	25	0
29	3.3	153	28	1
30	2.8	204	29	1
Detection Percentage: 80 % (>60%)				

Table-3 Radar Type 3 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	7.4	373	16	1
2	8.5	381	16	1
3	10	386	17	1
4	10	253	18	0
5	8.5	469	17	1
6	7.6	463	17	1
7	7.1	268	17	1
8	6.5	397	18	0
9	8	343	16	1
10	10	367	17	1
11	9.1	401	16	1
12	7.8	467	16	0
13	6.8	445	16	1
14	6.2	500	18	1
15	9.3	244	18	1
16	8.3	257	17	1
17	6	494	16	0
18	7.3	251	17	1
19	9.5	314	18	1
20	8.4	214	18	1
21	9.2	317	18	1
22	8	259	16	0
23	9.3	439	16	1
24	8.2	402	17	0
25	10	239	18	1
26	7.8	410	16	1
27	9.4	209	18	1
28	8.2	420	16	1
29	8	376	18	1
30	8.6	362	18	1
Detection Percentage: 80 % (>60%)				

Table-4 Radar Type 4 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	13.6	349	13	1
2	14.7	248	12	1
3	18.5	246	14	1
4	14.1	485	15	1
5	17.9	290	15	0
6	17.2	424	14	1
7	11	245	13	1
8	14.5	466	16	1
9	17.1	474	12	1
10	15.7	231	15	1
11	16	418	12	1
12	12.2	331	13	1
13	13.6	497	13	0
14	14.7	243	16	0
15	14.6	398	15	1
16	15.3	316	15	1
17	12.9	380	13	0
18	18.5	460	15	1
19	12.1	434	15	1
20	16	208	15	1
21	14.5	416	16	1
22	13.1	454	12	0
23	17.5	249	12	1
24	11.4	287	13	1
25	14.3	374	15	1
26	14.5	493	12	0
27	17.2	308	15	1
28	13.7	462	13	1
29	19.4	327	16	0
30	15.2	210	16	1
Detection Percentage: 76.66 % (>60%)				

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (GHz)	Detection (1:yes; 0:no)
1	5.51	1
2	5.51	0
3	5.51	1
4	5.51	1
5	5.51	1
6	5.51	1
7	5.51	1
8	5.51	1
9	5.51	0
10	5.51	1
11	5.51	1
12	5.51	1
13	5.51	1
14	5.51	0
15	5.51	1
16	5.51	1
17	5.51	1
18	5.51	1
19	5.51	1
20	5.51	1
21	5.51	0
22	5.51	1
23	5.51	1
24	5.51	0
25	5.51	1
26	5.51	1
27	5.51	1
28	5.51	0
29	5.51	1
30	5.51	1
Detection Percentage: 80 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	486408	79	19	1	1164	-	-	1
1	750794	93.9	19	1	1036	-	-	1
2	1013462	80.9	19	2	1231	1588	-	1
3	189028	52.9	19	3	1378	1035	1778	1
4	453177	91.5	19	2	1293	1492	-	1
5	716953	69.9	19	2	1514	1467	-	1
6	981214	84.3	19	2	1415	1118	-	1
7	156630	74.7	19	3	1159	1038	1531	1
8	421330	53.9	19	1	1079	-	-	1
9	684455	79.8	19	2	1304	1672	-	1
10	949967	57	19	1	1078	-	-	1

Bin5 Statistics 2

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	152100	82.5	14	1	1408	-	-	0
1	475127	75.2	14	1	1426	-	-	0
2	796503	81.7	14	3	1840	1015	1330	0
3	1118404	87.4	14	3	1678	1868	1185	0
4	112179	74.2	14	2	1498	1462	-	0
5	435395	66.1	14	1	1250	-	-	0
6	757529	53.2	14	2	1135	1763	-	0
7	1079258	60.5	14	3	1048	1697	1315	0
8	72379	97.7	14	3	1706	1227	1047	0

Bin5 Statistics 3

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	253355	86.6	8	3	1039	1781	1214	1
1	461629	65.6	8	1	1497	-	-	1
2	668960	87.2	8	1	1740	-	-	1
3	20996	72.4	8	2	1638	1049	-	1
4	227534	88.9	8	3	1906	1561	1821	1
5	436141	65.6	8	1	1352	-	-	1
6	640719	98.1	8	3	1639	1783	1890	1
7	850616	83	8	1	1993	-	-	1
8	202209	76.8	8	3	1198	1994	1573	1
9	409268	69.1	8	3	1301	1612	1163	1
10	616683	59.1	8	2	1361	1996	-	1
11	823324	86.9	8	3	1052	1217	1533	1
12	176838	74.7	8	3	1610	1111	1596	1
13	384956	99.7	8	1	1469	-	-	1

Bin5 Statistics 4

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	458789	67.2	7	3	1375	1077	1625	1
1	619152	88.5	7	3	1882	1212	1343	1
2	117670	65.5	7	3	1005	1379	1281	1
3	279263	56.6	7	1	1774	-	-	1
4	439925	51.6	7	2	1307	1366	-	1
5	600984	97.6	7	2	1399	1253	-	1
6	98129	65	7	1	1866	-	-	1
7	258614	80.5	7	3	1354	1126	1310	1
8	419278	84.3	7	3	1499	1323	1133	1
9	580957	80.5	7	2	1179	1690	-	1
10	78188	93.6	7	2	1129	1420	-	1
11	238576	71.1	7	3	1473	1445	1523	1
12	399394	82.7	7	3	1358	1694	1046	1
13	561165	56.4	7	2	1218	1605	-	1
14	58398	99.8	7	1	1979	-	-	1
15	219265	59.8	7	2	1267	1744	-	1
16	380779	84.6	7	2	1008	1032	-	1
17	542121	99.7	7	1	1857	-	-	1

Bin5 Statistics 5

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	43332	56.4	13	2	1240	1447	-	1
1	224194	55.5	13	3	1020	1091	1858	1
2	405333	77.8	13	2	1997	1597	-	1
3	587922	63.3	13	1	1606	-	-	1
4	20966	56.6	13	3	1737	1054	1350	1
5	202671	58.4	13	1	1146	-	-	1
6	382527	64	13	3	1495	1900	1188	1
7	564592	75.9	13	2	1741	1151	-	1
8	746176	71.8	13	2	1484	1021	-	1
9	180131	51.3	13	1	1842	-	-	1
10	361516	98	13	1	1981	-	-	1
11	543398	84.8	13	1	1342	-	-	1
12	725289	70.7	13	1	1014	-	-	1
13	157816	70.2	13	1	1675	-	-	1
14	338380	57.8	13	2	1870	1852	-	1
15	520822	75.6	13	1	1644	-	-	1

Bin5 Statistics 6

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	862263	64.4	16	3	1083	1941	1273	1
1	166244	98.9	16	3	1878	1646	1170	1
2	389232	58.7	16	3	1432	1210	1459	1
3	613622	59.5	16	1	1834	-	-	1
4	837312	51.5	16	1	1548	-	-	1
5	139221	62.9	16	1	1959	-	-	1
6	362431	82.7	16	2	1009	1433	-	1
7	584173	56	16	3	1112	1769	1983	1
8	809070	81.4	16	2	1175	1184	-	1
9	111401	56.7	16	3	1007	1822	1619	1
10	334253	78.9	16	3	1525	1708	1063	1
11	558594	67.7	16	1	1809	-	-	1
12	781246	83	16	2	1591	1143	-	1

Bin5 Statistics 7

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	91232	91.7	17	1	1786	-	-	1
1	333303	83.2	17	1	1865	-	-	1
2	574686	67	17	2	1507	1567	-	1
3	816142	84.5	17	2	1844	1632	-	1
4	61307	59.5	17	2	1989	1474	-	1
5	302912	80.5	17	2	1810	1940	-	1
6	545966	69.1	17	1	1130	-	-	1
7	786902	71.8	17	2	1773	1031	-	1
8	31496	53.9	17	3	1572	1491	1687	1
9	272916	81.8	17	3	1327	1515	1759	1
10	513737	57	17	3	1950	1956	1846	1
11	758358	92.6	17	1	1162	-	-	1

Bin5 Statistics 8

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1061	75.8	9	1	1396	-	-	1
1	145441	75.7	9	3	1181	2000	1490	1
2	291155	63.7	9	1	1944	-	-	1
3	434047	82.5	9	3	1764	1430	1705	1
4	579950	99.5	9	2	1444	1837	-	1
5	128380	59.8	9	1	1295	-	-	1
6	273611	73.4	9	1	1237	-	-	1
7	418831	63.3	9	1	1236	-	-	1
8	563020	57	9	2	1042	1287	-	1
9	110177	92	9	2	1274	1738	-	1
10	255267	50.9	9	2	1294	1013	-	1
11	400103	51	9	2	1104	1386	-	1
12	546296	75	9	1	1089	-	-	1
13	92647	98.2	9	1	1045	-	-	1
14	237669	93.5	9	1	1657	-	-	1
15	383058	72.9	9	1	1232	-	-	1
16	526866	71.7	9	2	1520	1312	-	1
17	74440	82	9	3	1414	1010	1131	1
18	219931	100	9	1	1283	-	-	1
19	365274	79.6	9	1	1061	-	-	1

Bin5 Statistics 9

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1133081	96.4	16	3	1235	1136	1680	0
1	126124	93	16	3	1927	1362	1464	0
2	449351	80.1	16	1	1777	-	-	0
3	770587	68.1	16	3	1719	1929	1074	0
4	1094658	81	16	2	1050	1435	-	0
5	86421	50.2	16	3	1141	1913	1889	0
6	408665	61.2	16	3	1239	1558	1928	0
7	731172	89.8	16	3	1521	1660	1040	0
8	1054390	88.7	16	2	1268	1860	-	0

Bin5 Statistics 10

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	26221	53.7	13	3	1985	1265	1480	1
1	207959	60.5	13	1	1176	-	-	1
2	389557	67	13	1	1206	-	-	1
3	570592	51.7	13	1	1955	-	-	1
4	3974	67	13	1	1479	-	-	1
5	185560	75.8	13	1	1292	-	-	1
6	366869	87.3	13	1	1855	-	-	1
7	548493	68.9	13	1	1616	-	-	1
8	730515	73.6	13	1	1088	-	-	1
9	162433	81.9	13	3	1892	1730	1158	1
10	344185	97	13	2	1242	1338	-	1
11	524247	55.5	13	3	1424	1756	1123	1
12	704595	54.3	13	3	1145	1899	1795	1
13	140772	75.9	13	1	1577	-	-	1
14	321209	99.8	13	3	1096	1075	1912	1
15	501668	82.3	13	3	1504	1734	1512	1

Bin5 Statistics 11

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1368802	65.9	17	3	1976	1374	1813	1
1	237016	59.5	17	1	1958	-	-	1
2	600681	61.3	17	1	1102	-	-	1
3	964240	87	17	1	1058	-	-	1
4	1324634	96.3	17	3	1897	1636	1076	1
5	192296	50	17	1	1700	-	-	1
6	555931	71.9	17	1	1026	-	-	1
7	916980	81.9	17	3	1775	1814	1511	1

Bin5 Statistics 12

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	931490	77.4	14	2	1357	1284	-	1
1	107266	96.2	14	1	1562	-	-	1
2	371601	82.9	14	1	1169	-	-	1
3	634594	95.7	14	2	1686	1717	-	1
4	899678	95.6	14	1	1794	-	-	1
5	74749	51.4	14	1	1178	-	-	1
6	338496	99.2	14	2	1493	1443	-	1
7	602832	98.6	14	2	1055	1037	-	1
8	867430	83.6	14	1	1431	-	-	1
9	42135	74.7	14	2	1382	1322	-	1
10	305666	53.2	14	3	1698	1002	1403	1

Bin5 Statistics 13

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	522852	81.5	9	1	1776	-	-	1
1	763748	83.9	9	2	1972	1377	-	1
2	8811	99.4	9	2	1886	1984	-	1
3	250894	58	9	1	1922	-	-	1
4	491872	72.3	9	3	1254	1201	1667	1
5	732900	56.2	9	3	1205	1962	1640	1
6	977039	53.9	9	1	1975	-	-	1
7	220893	98.2	9	2	1193	1559	-	1
8	461762	50	9	3	1872	1363	1663	1
9	702992	52.9	9	3	1850	1393	1815	1
10	947872	74.1	9	1	1290	-	-	1
11	190662	92	9	3	1560	1768	1716	1

Bin5 Statistics 14

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	258519	67	11	3	1910	1226	1417	0
1	404132	80.4	11	2	1071	1712	-	0
2	550068	85.9	11	1	1595	-	-	0
3	96322	65.1	11	3	1471	1110	1937	0
4	240703	90.8	11	3	1650	1371	1600	0
5	386193	99.9	11	2	1463	1470	-	0
6	529803	52.7	11	3	1100	1699	1481	0
7	78546	92.5	11	3	1289	1683	1441	0
8	223527	53.7	11	2	1883	1107	-	0
9	369122	88.6	11	1	1692	-	-	0
10	512639	85.1	11	2	1811	1732	-	0
11	60846	74.3	11	2	1570	1934	-	0
12	205412	70.8	11	3	1505	1216	1082	0
13	351339	92.9	11	1	1536	-	-	0
14	494140	91.6	11	3	1557	1418	1389	0
15	42972	73.4	11	3	1269	1113	1869	0
16	187237	72.2	11	3	2000	1703	1258	0
17	333663	82.8	11	1	1173	-	-	0
18	476331	98.4	11	3	1093	1801	1488	0
19	25249	71.9	11	2	1395	1092	-	0

Bin5 Statistics 15

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	212727	79.7	14	2	1458	1575	-	1
1	393644	72.6	14	2	1707	1793	-	1
2	574421	68.2	14	2	1967	1887	-	1
3	9258	98.4	14	2	1308	1023	-	1
4	190448	66.6	14	2	1494	1400	-	1
5	371044	51.5	14	3	1134	1772	1195	1
6	553742	89.1	14	1	1676	-	-	1
7	735330	80.7	14	1	1579	-	-	1
8	167788	92.3	14	3	1611	1105	1689	1
9	348544	51.9	14	3	1540	1845	1180	1
10	531686	71.9	14	1	1255	-	-	1
11	710820	79	14	3	1018	1148	1671	1
12	146035	53.3	14	1	1735	-	-	1
13	327215	54.2	14	2	1069	1348	-	1
14	508901	65.8	14	1	1867	-	-	1
15	690944	65.3	14	1	1220	-	-	1

Bin5 Statistics 16

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	123312	59.7	16	3	1202	1410	1359	1
1	304897	86.4	16	2	1190	1187	-	1
2	484553	58.3	16	3	1668	1328	1943	1
3	668368	98.8	16	1	1451	-	-	1
4	101119	80.9	16	2	1908	1369	-	1
5	281930	82.3	16	3	1624	1376	1051	1
6	464328	99.6	16	1	1662	-	-	1
7	645623	93	16	1	1895	-	-	1
8	79006	98.8	16	1	1428	-	-	1
9	260586	75.1	16	1	1347	-	-	1
10	442126	87.2	16	1	1401	-	-	1
11	621034	79.4	16	3	1806	1073	1704	1
12	56628	64.6	16	1	1620	-	-	1
13	238020	80.6	16	1	1978	-	-	1
14	419009	75.9	16	2	1298	1446	-	1
15	600068	67.3	16	2	1665	1296	-	1

Bin5 Statistics 17

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	49760	54.5	19	3	1695	1196	1398	1
1	313038	52.2	19	3	1953	1340	1903	1
2	577402	62.3	19	2	1626	1604	-	1
3	841713	94.5	19	2	1534	1030	-	1
4	17297	62.1	19	3	1246	1407	1693	1
5	280794	87.5	19	3	1614	1086	1760	1
6	545139	98.5	19	2	1203	1565	-	1
7	807859	89.3	19	3	1804	1247	1316	1
8	1074287	60.7	19	1	1419	-	-	1
9	248594	72	19	2	1384	1952	-	1
10	513383	50.1	19	1	1174	-	-	1

Bin5 Statistics 18

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	568213	51.7	7	3	1150	1060	1571	1
1	760612	66.6	7	3	1607	1085	1832	1
2	158343	56.1	7	2	1538	1574	-	1
3	352177	70.9	7	1	1835	-	-	1
4	544865	66.6	7	2	1149	1991	-	1
5	736626	77.1	7	3	1209	1990	1563	1
6	134581	76.3	7	2	1438	1413	-	1
7	328267	63.7	7	1	1995	-	-	1
8	521361	85.8	7	2	1140	1539	-	1
9	714099	74.4	7	2	1642	1748	-	1
10	110844	99.7	7	2	1029	1263	-	1
11	304466	91	7	1	1893	-	-	1
12	497421	97.5	7	2	1838	1034	-	1
13	691755	73	7	1	1711	-	-	1
14	87090	75.3	7	1	1587	-	-	1

Bin5 Statistics 19

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	247180	99.6	12	2	1807	1081	-	1
1	418346	91.5	12	1	1765	-	-	1
2	588016	64.3	12	2	1631	1450	-	1
3	55692	59.6	12	2	1691	1056	-	1
4	226645	66.1	12	1	1439	-	-	1
5	396748	61.7	12	2	1017	1746	-	1
6	568198	76	12	1	1621	-	-	1
7	34622	54.6	12	3	1684	1313	1043	1
8	205517	74.5	12	1	1725	-	-	1
9	375766	51.1	12	2	1139	1580	-	1
10	544545	91.9	12	3	1924	1207	1854	1
11	13647	71.3	12	3	1345	1332	1798	1
12	184665	53.2	12	1	1022	-	-	1
13	355308	72.2	12	1	1633	-	-	1
14	526263	87.9	12	1	1429	-	-	1
15	694375	69.1	12	3	1599	1452	1147	1
16	163446	88	12	1	1720	-	-	1

Bin5 Statistics 20

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	334431	58.8	15	1	1291	-	-	1
1	502824	82.2	15	3	1302	1980	1485	1
2	674222	97.9	15	2	1569	1785	-	1
3	142029	76.3	15	2	1685	1915	-	1
4	312590	92.7	15	2	1552	1518	-	1
5	483999	54.1	15	1	1682	-	-	1
6	652206	70.5	15	3	1119	1873	1468	1
7	121418	52.3	15	1	1457	-	-	1
8	291476	88.4	15	2	1645	1709	-	1
9	463367	66.8	15	1	1065	-	-	1
10	633936	90.2	15	1	1477	-	-	1
11	100433	93	15	1	1041	-	-	1
12	271080	54.9	15	1	1820	-	-	1
13	441028	61.2	15	2	1792	1317	-	1
14	609681	64.8	15	3	1339	1884	1945	1
15	79300	71.5	15	1	1718	-	-	1
16	249717	86.8	15	2	1674	1072	-	1

Bin5 Statistics 21

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	356759	88	17	2	1618	1475	-	0
1	502823	57	17	1	1551	-	-	0
2	49502	75	17	1	1723	-	-	0
3	193986	51.1	17	3	1165	1099	1356	0
4	339560	55.9	17	1	1977	-	-	0
5	483733	88.4	17	2	1219	1827	-	0
6	31540	75.7	17	2	1547	1874	-	0
7	176658	62	17	1	1969	-	-	0
8	321957	81.7	17	1	1489	-	-	0
9	465761	69.8	17	2	1871	1353	-	0
10	13726	74.7	17	2	1341	1677	-	0
11	158851	55.7	17	1	1747	-	-	0
12	303261	73.1	17	2	1270	1825	-	0
13	449253	91.6	17	1	1465	-	-	0
14	594088	98	17	1	1796	-	-	0
15	140636	55.2	17	2	1229	1971	-	0
16	285376	61.6	17	2	1275	1930	-	0
17	431069	82.2	17	1	1885	-	-	0
18	573746	65.3	17	3	1702	1006	1653	0
19	122628	75.2	17	3	1230	1311	1529	0

Bin5 Statistics 22

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	595942	99.1	10	3	1144	1024	1848	1
1	918218	56.9	10	3	1661	1380	1157	1
2	1243415	87.3	10	1	1156	-	-	1
3	233758	93.8	10	3	1453	1215	1749	1
4	557230	57.2	10	1	1627	-	-	1
5	879054	77.7	10	2	1742	1634	-	1
6	1202262	94.9	10	2	1513	1142	-	1
7	194422	85.9	10	1	1918	-	-	1
8	516359	61.7	10	3	1264	1987	1172	1

Bin5 Statistics 23

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	754186	69.5	15	3	1877	1280	1790	1
1	1046884	90	15	1	1673	-	-	1
2	139238	77.1	15	1	1249	-	-	1
3	429448	99.9	15	2	1404	1309	-	1
4	719366	66.4	15	2	1898	1583	-	1
5	1010183	84.2	15	2	1241	1501	-	1
6	103175	80.9	15	3	1349	1455	1355	1
7	393580	94.2	15	2	1894	1120	-	1
8	683574	86.9	15	2	1780	1782	-	1
9	972830	52.9	15	3	1593	1589	1508	1

Bin5 Statistics 24

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	56298	93.8	9	1	1875	-	-	0
1	298379	72.1	9	1	1862	-	-	0
2	540739	64.2	9	1	1344	-	-	0
3	781403	61	9	2	1509	1802	-	0
4	26421	84.4	9	3	1182	1592	1314	0
5	268774	95.9	9	1	1066	-	-	0
6	508734	96.6	9	3	1973	1853	1761	0
7	753092	65.3	9	1	1368	-	-	0
8	995238	75.3	9	1	1423	-	-	0
9	237903	92.3	9	3	1387	1982	1999	0
10	480140	87.7	9	2	1549	1728	-	0
11	720680	93.3	9	3	1320	1817	1791	0

Bin5 Statistics 25

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	643175	79	8	1	1392	-	-	1
1	138719	99.6	8	3	1228	1271	1434	1
2	299890	96.3	8	2	1543	1422	-	1
3	458998	87.8	8	3	1911	1902	1831	1
4	621086	81.1	8	3	1064	1659	1033	1
5	118827	69.7	8	3	1000	1731	1721	1
6	280074	81.2	8	2	1576	1360	-	1
7	441476	93.9	8	2	1171	1124	-	1
8	601997	78.2	8	2	1830	1138	-	1
9	99484	93.5	8	1	1510	-	-	1
10	260978	89.9	8	1	1070	-	-	1
11	421220	50.3	8	2	1726	1213	-	1
12	583173	62.1	8	1	1824	-	-	1
13	79670	79.8	8	1	1027	-	-	1
14	240419	97.7	8	2	1177	1754	-	1
15	401694	55.8	8	2	1114	1325	-	1
16	561673	56.6	8	3	1584	1019	1154	1
17	59584	57.3	8	2	1961	1303	-	1

Bin5 Statistics 26

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	398192	67	12	1	1876	-	-	1
1	689166	61.1	12	1	1197	-	-	1
2	979334	74.8	12	1	1905	-	-	1
3	71756	79.3	12	2	1609	1272	-	1
4	361630	71.5	12	3	1502	1637	1279	1
5	652315	53	12	2	1161	1939	-	1
6	942959	84.8	12	2	1537	1108	-	1
7	36044	95.9	12	1	1194	-	-	1
8	326318	52.9	12	2	1456	1478	-	1
9	616930	98	12	2	1252	1127	-	1

Bin5 Statistics 27

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	502275	60.7	13	2	1936	1803	-	1
1	128	62.4	13	2	1080	1603	-	1
2	160982	69.6	13	2	1849	1586	-	1
3	322222	93.7	13	2	1306	1335	-	1
4	484378	74.1	13	1	1117	-	-	1
5	645494	76.2	13	1	1427	-	-	1
6	140824	60.9	13	3	1797	1819	1437	1
7	302835	77.5	13	1	1652	-	-	1
8	464355	53.6	13	1	1318	-	-	1
9	622712	78.7	13	3	1095	1879	1546	1
10	121417	53.1	13	2	1696	1402	-	1
11	281501	61.2	13	3	1863	1486	1751	1
12	444338	62.9	13	1	1528	-	-	1
13	605546	93	13	1	1648	-	-	1
14	101771	74.7	13	1	1938	-	-	1
15	263206	50.3	13	1	1388	-	-	1
16	422499	82.3	13	3	1288	1670	1655	1
17	582603	63.9	13	3	1907	1553	1681	1

Bin5 Statistics 28

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	134275	98.9	14	1	1251	-	-	0
1	398107	54.5	14	2	1183	1282	-	0
2	660941	98.2	14	3	1517	1068	1767	0
3	926597	90.8	14	1	1847	-	-	0
4	101736	58.6	14	1	1097	-	-	0
5	365493	67.9	14	2	1617	1137	-	0
6	628948	75.2	14	2	1788	1757	-	0
7	892622	76.5	14	2	1666	1935	-	0
8	68974	68.5	14	3	1385	1245	1688	0
9	332456	99.8	14	3	1564	1623	1297	0
10	597726	78	14	1	1243	-	-	0

Bin5 Statistics 29

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	523538	93.2	14	3	1421	1582	1856	1
1	22337	52.9	14	1	1946	-	-	1
2	182833	85.2	14	3	1888	1329	1336	1
3	344647	66.7	14	2	1128	1053	-	1
4	503850	83.3	14	3	1326	1635	1789	1
5	2469	83.2	14	3	1733	1664	1266	1
6	162905	65.8	14	3	1954	1826	1372	1
7	324334	73.8	14	2	1370	1755	-	1
8	484459	96.2	14	3	1925	1016	1285	1
9	647383	76.3	14	1	1904	-	-	1
10	143274	85.9	14	3	1411	1739	1394	1
11	305044	68.9	14	1	1965	-	-	1
12	466420	70.2	14	1	1729	-	-	1
13	626735	52.2	14	2	1223	1516	-	1
14	124000	77.9	14	1	1829	-	-	1
15	285189	54.2	14	1	1957	-	-	1
16	446519	55.8	14	1	1784	-	-	1
17	605009	98.3	14	3	1544	1622	1643	1

Bin5 Statistics 30

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	98175	81.9	7	3	1787	1771	1256	1
1	251417	54.5	7	1	1727	-	-	1
2	403007	71.2	7	2	1909	1641	-	1
3	555253	70.8	7	2	1859	1770	-	1
4	79597	70.9	7	2	1743	1914	-	1
5	232774	97	7	1	1260	-	-	1
6	383797	98.4	7	3	1084	1496	1701	1
7	535615	99.8	7	3	1947	1166	1545	1
8	61030	69.9	7	1	1679	-	-	1
9	213195	53.7	7	2	1864	1601	-	1
10	364266	51.6	7	3	1964	1926	1750	1
11	517048	68.5	7	3	1555	1649	1257	1
12	41984	97.6	7	3	1799	1397	1891	1
13	194303	57.7	7	2	1917	1960	-	1
14	345929	61.1	7	3	1615	1963	1406	1
15	500772	99.5	7	1	1367	-	-	1
16	23350	60.4	7	2	1651	1244	-	1
17	175965	75.8	7	2	1090	1305	-	1
18	327566	67.9	7	3	1025	1722	1556	1

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	1.0	333	1	5582	5706	5306	5453	5263
						5386	5524	5663	5318	5446
						5499	5407	5456	5637	5506
						5504	5490	5498	5697	5713
						5517	5266	5291	5281	5523
						5606	5628	5359	5398	5286
						5654	5546	5619	5377	5505
						5302	5476	5466	5580	5449
						5285	5480	5423	5270	5688
						5444	5545	5460	5461	5700
						5652	5335	5433	5577	5566
						5665	5275	5655	5479	5415
						5515	5282	5614	5300	5513
						5329	5382	5551	5278	5371
						5643	5595	5384	5368	5426
						5408	5418	5720	5623	5436
						5622	5459	5548	5536	5448
						5691	5690	5391	5478	5638
						5656	5425	5257	5294	5562
						5383	5443	5723	5644	5682
2	5510	9	1.0	333	1	5357	5450	5723	5664	5278
						5597	5449	5373	5684	5274
						5515	5634	5594	5543	5341
						5614	5451	5367	5577	5492
						5353	5259	5696	5356	5620
						5656	5345	5429	5615	5471
						5539	5435	5609	5689	5528
						5595	5419	5319	5394	5488
						5271	5628	5629	5486	5439
						5598	5267	5447	5638	5704
						5650	5677	5591	5602	5514
						5348	5576	5714	5391	5444
						5599	5270	5483	5560	5460
						5330	5372	5630	5362	5445
						5382	5320	5339	5547	5452
						5264	5369	5261	5623	5516
						5258	5643	5569	5257	5522
						5430	5366	5527	5275	5297
						5711	5416	5276	5359	5476

						5459	5335	5509	5518	5607
3	5510	9	1.0	333	1	5612	5689	5659	5350	5595
						5639	5374	5448	5372	5481
						5349	5423	5635	5263	5362
						5702	5578	5470	5525	5684
						5361	5425	5637	5445	5593
						5544	5672	5632	5341	5505
						5581	5324	5566	5429	5680
						5415	5558	5410	5665	5660
						5564	5334	5424	5679	5671
						5427	5721	5287	5703	5467
						5303	5565	5437	5302	5561
						5482	5301	5314	5357	5625
						5456	5308	5294	5394	5418
						5530	5609	5274	5619	5438
						5560	5588	5723	5695	5592
						5636	5304	5624	5461	5582
						5513	5686	5493	5363	5722
						5653	5614	5296	5443	5457
						5370	5524	5557	5641	5465
						5369	5299	5618	5535	5662
4	5510	9	1.0	333	1	5392	5453	5595	5511	5340
						5303	5396	5523	5535	5310
						5280	5687	5676	5458	5383
						5693	5608	5573	5570	5401
						5369	5591	5675	5437	5566
						5335	5621	5360	5445	5539
						5720	5688	5644	5454	5613
						5600	5501	5461	5416	5671
						5403	5417	5362	5347	5592
						5503	5407	5426	5723	5281
						5354	5343	5479	5519	5623
						5505	5670	5255	5286	5328
						5721	5315	5317	5379	5351
						5495	5404	5552	5313	5424
						5563	5699	5654	5561	5447
						5605	5616	5692	5294	5375
						5653	5442	5456	5259	5635
						5325	5421	5297	5377	5331
						5471	5306	5656	5252	5649
						5717	5664	5274	5553	5449
5	5510	9	1.0	333	1	5550	5692	5531	5672	5657
						5345	5321	5501	5698	5517
						5589	5573	5717	5653	5404

						5306	5260	5579	5615	5593
						5377	5660	5616	5526	5539
						5473	5563	5549	5287	5674
						5480	5384	5606	5433	5264
						5689	5257	5569	5585	5500
						5300	5587	5432	5290	5509
						5334	5619	5694	5655	5570
						5712	5423	5352	5383	5684
						5597	5580	5299	5375	5262
						5440	5680	5297	5318	5292
						5393	5572	5296	5355	5385
						5507	5663	5664	5675	5516
						5401	5590	5586	5327	5716
						5357	5259	5556	5395	5319
						5545	5575	5496	5477	5340
						5441	5666	5648	5647	5532
						5552	5582	5413	5530	5418
6	5510	9	1.0	333	1	5330	5456	5467	5261	5402
						5387	5343	5576	5289	5724
						5520	5362	5283	5373	5425
						5394	5682	5563	5310	5288
						5351	5557	5518	5512	5489
						5325	5669	5653	5607	5329
						5340	5502	5380	5253	5403
						5305	5625	5344	5499	5556
						5583	5713	5352	5683	5264
						5270	5592	5364	5290	5506
						5473	5356	5621	5326	5721
						5296	5571	5638	5312	5399
						5504	5645	5272	5718	5519
						5716	5429	5404	5566	5536
						5554	5493	5666	5513	5651
						5475	5424	5636	5567	5331
						5606	5304	5354	5454	5459
						5712	5282	5447	5633	5426
						5318	5395	5661	5580	5277
						5323	5632	5545	5414	5655
7	5510	9	1.0	333	1	5585	5695	5403	5422	5719
						5429	5268	5651	5452	5456
						5451	5626	5324	5471	5446
						5482	5514	5310	5608	5502
						5296	5420	5595	5607	5485
						5377	5274	5397	5379	5641
						5468	5549	5297	5717	5532

						5542	5396	5421	5497	5510
						5395	5288	5495	5680	5668
						5250	5675	5325	5343	5349
						5672	5415	5447	5618	5284
						5592	5596	5619	5633	5335
						5724	5579	5286	5342	5287
						5368	5614	5458	5339	5479
						5669	5362	5627	5434	5544
						5304	5548	5450	5587	5295
						5367	5254	5649	5459	5554
						5639	5598	5380	5566	5593
						5351	5586	5311	5385	5700
						5407	5713	5443	5393	5283
8	5510	9	1.0	333	1	5365	5459	5436	5583	5464
						5568	5290	5251	5615	5285
						5415	5666	5467	5473	5641
						5413	5653	5694	5304	5586
						5536	5599	5458	5265	5601
						5600	5483	5675	5510	5438
						5254	5457	5306	5271	5584
						5487	5692	5650	5424	5331
						5371	5492	5260	5677	5597
						5705	5283	5383	5396	5658
						5700	5708	5723	5270	5562
						5472	5546	5590	5287	5500
						5669	5411	5255	5707	5543
						5711	5404	5446	5253	5617
						5698	5465	5294	5686	5603
						5393	5718	5664	5350	5529
						5674	5560	5368	5527	5369
						5362	5493	5305	5259	5466
						5431	5717	5516	5592	5345
						5494	5339	5462	5697	5372
9	5510	9	1.0	333	1	5620	5320	5372	5269	5306
						5610	5690	5326	5303	5492
						5691	5679	5503	5386	5488
						5561	5671	5516	5698	5508
						5655	5477	5688	5431	5531
						5550	5328	5587	5709	5552
						5327	5686	5672	5458	5469
						5723	5578	5585	5425	5338
						5645	5454	5430	5500	5674
						5429	5685	5366	5441	5449
						5448	5479	5409	5299	5568

						5660	5407	5319	5665	5614
						5718	5653	5440	5656	5523
						5420	5392	5548	5297	5438
						5482	5352	5590	5309	5493
						5510	5354	5573	5624	5623
						5564	5265	5335	5268	5451
						5385	5490	5611	5681	5598
						5282	5347	5603	5356	5517
						5336	5254	5489	5521	5696
10	5510	9	1.0	333	1	5303	5559	5308	5430	5526
						5652	5712	5401	5466	5699
						5622	5565	5544	5581	5509
						5649	5323	5522	5646	5700
						5698	5346	5418	5680	5404
						5419	5402	5531	5691	5268
						5594	5313	5643	5315	5707
						5289	5387	5669	5381	5578
						5349	5484	5537	5368	5265
						5671	5358	5665	5449	5499
						5502	5335	5355	5585	5350
						5304	5391	5353	5276	5454
						5597	5528	5532	5448	5656
						5647	5479	5599	5567	5609
						5379	5488	5415	5464	5534
						5397	5287	5458	5311	5429
						5539	5491	5606	5683	5405
						5690	5653	5720	5274	5328
						5299	5436	5263	5431	5371
						5604	5316	5607	5615	5373
11	5510	9	1.0	333	1	5558	5323	5719	5591	5368
						5694	5637	5476	5532	5528
						5456	5354	5585	5301	5530
						5262	5450	5625	5691	5417
						5706	5415	5294	5377	5685
						5254	5302	5258	5677	5600
						5384	5487	5429	5382	5652
						5256	5263	5717	5306	5408
						5290	5665	5548	5460	5555
						5286	5401	5393	5592	5675
						5464	5690	5250	5406	5577
						5520	5601	5479	5305	5642
						5293	5698	5404	5633	5400
						5611	5434	5270	5431	5452
						5682	5569	5383	5318	5661

						5379	5338	5576	5643	5291
						5390	5511	5629	5536	5707
						5253	5489	5724	5627	5271
						5607	5590	5695	5539	5411
						5388	5606	5523	5546	5355
12	5510	9	1.0	333	1	5338	5562	5655	5277	5588
						5358	5659	5551	5695	5260
						5387	5618	5626	5399	5253
						5577	5261	5609	5617	5581
						5397	5286	5350	5573	5678
						5365	5521	5336	5300	5566
						5557	5270	5633	5307	5568
						5473	5448	5506	5652	5259
						5325	5719	5648	5287	5594
						5528	5615	5518	5511	5487
						5582	5462	5452	5482	5415
						5619	5362	5405	5544	5377
						5706	5685	5546	5311	5703
						5591	5507	5354	5530	5682
						5705	5500	5460	5410	5704
						5400	5572	5550	5635	5331
						5442	5543	5401	5296	5433
						5351	5455	5607	5441	5284
						5449	5701	5713	5274	5407
						5255	5505	5569	5323	5262
13	5510	9	1.0	333	1	5593	5326	5591	5438	5430
						5400	5584	5626	5383	5467
						5318	5407	5667	5594	5572
						5341	5704	5356	5306	5625
						5650	5338	5375	5323	5364
						5530	5568	5370	5342	5552
						5514	5485	5310	5602	5707
						5564	5659	5663	5573	5408
						5657	5413	5284	5523	5508
						5698	5576	5277	5361	5638
						5503	5668	5713	5466	5365
						5316	5595	5363	5348	5360
						5491	5618	5529	5534	5317
						5456	5390	5265	5372	5399
						5589	5309	5386	5369	5692
						5396	5531	5412	5441	5464
						5614	5546	5314	5550	5475
						5395	5532	5647	5391	5719
						5699	5631	5521	5262	5336

						5403	5451	5329	5460	5504
14	5510	9	1.0	333	1	5276	5565	5527	5502	5650
						5442	5606	5701	5546	5296
						5627	5671	5708	5314	5593
						5429	5259	5459	5254	5518
						5633	5341	5376	5367	5252
						5479	5404	5481	5441	5471
						5603	5559	5325	5371	5655
						5612	5337	5577	5412	5588
						5595	5653	5281	5355	5488
						5306	5537	5617	5639	5712
						5339	5554	5282	5536	5410
						5553	5270	5310	5560	5319
						5489	5540	5533	5450	5615
						5405	5426	5572	5264	5288
						5575	5362	5622	5716	5539
						5512	5664	5454	5299	5611
						5686	5449	5689	5374	5267
						5440	5446	5305	5370	5556
						5250	5258	5513	5538	5317
						5320	5301	5430	5432	5280
15	5510	9	1.0	333	1	5531	5329	5463	5663	5492
						5484	5301	5612	5503	5558
						5557	5274	5509	5614	5517
						5386	5465	5299	5710	5544
						5507	5317	5456	5269	5615
						5331	5499	5455	5341	5523
						5330	5428	5343	5711	5620
						5413	5271	5408	5587	5491
						5251	5671	5436	5321	5278
						5284	5468	5389	5595	5670
						5429	5588	5515	5605	5371
						5262	5257	5266	5602	5500
						5379	5668	5521	5705	5478
						5354	5365	5307	5534	5566
						5640	5561	5606	5385	5716
						5581	5685	5360	5585	5493
						5344	5564	5260	5687	5608
						5352	5337	5459	5308	5400
						5553	5665	5721	5353	5298
						5555	5372	5304	5296	5312
16	5510	9	1.0	333	1	5311	5568	5399	5349	5712
						5623	5553	5376	5300	5710
						5392	5346	5315	5704	5635

						5508	5513	5344	5427	5552
						5576	5258	5448	5717	5406
						5658	5605	5559	5375	5565
						5316	5385	5558	5485	5343
						5459	5301	5265	5502	5279
						5374	5561	5275	5591	5472
						5653	5723	5464	5691	5656
						5460	5560	5676	5357	5556
						5690	5673	5639	5650	5395
						5423	5686	5579	5469	5542
						5303	5401	5614	5329	5272
						5547	5609	5709	5692	5540
						5557	5480	5253	5474	5596
						5674	5516	5627	5698	5352
						5470	5397	5554	5273	5354
						5388	5411	5359	5655	5600
						5572	5669	5291	5638	5487
17	5510	9	1.0	333	1	5566	5332	5335	5510	5554
						5665	5478	5451	5463	5539
						5323	5610	5453	5327	5656
						5596	5640	5671	5389	5716
						5560	5267	5296	5537	5690
						5294	5607	5333	5663	5409
						5704	5680	5342	5298	5637
						5638	5691	5550	5572	5418
						5416	5501	5362	5312	5326
						5369	5520	5428	5555	5614
						5301	5581	5718	5392	5707
						5646	5383	5523	5545	5405
						5492	5304	5368	5518	5502
						5415	5365	5252	5437	5349
						5696	5309	5630	5709	5558
						5668	5499	5526	5600	5299
						5455	5373	5687	5297	5316
						5338	5505	5255	5360	5271
						5616	5477	5683	5576	5263
						5440	5686	5482	5567	5270
18	5510	9	1.0	333	1	5724	5571	5271	5671	5299
						5707	5500	5526	5626	5254
						5399	5494	5522	5677	5684
						5292	5337	5433	5471	5336
						5712	5529	5663	5560	5459
						5536	5443	5666	5416	5411
						5361	5258	5641	5368	5668

						5330	5340	5542	5250	5469
						5366	5449	5311	5638	5672
						5257	5468	5594	5568	5283
						5260	5681	5467	5464	5498
						5689	5484	5410	5350	5328
						5458	5566	5676	5376	5656
						5491	5353	5478	5616	5310
						5644	5398	5720	5442	5436
						5625	5322	5553	5383	5502
						5613	5633	5629	5420	5581
						5359	5406	5266	5371	5675
						5721	5703	5537	5465	5627
						5369	5694	5407	5447	5316
19	5510	9	1.0	333	1	5504	5335	5682	5357	5519
						5371	5425	5601	5692	5478
						5563	5663	5535	5717	5698
						5297	5322	5402	5382	5625
						5479	5502	5653	5618	5636
						5448	5408	5264	5493	5477
						5313	5555	5256	5631	5656
						5397	5257	5261	5346	5341
						5654	5709	5363	5281	5291
						5721	5255	5310	5258	5470
						5269	5334	5349	5407	5314
						5446	5418	5688	5508	5455
						5562	5415	5355	5279	5629
						5404	5389	5412	5488	5383
						5550	5602	5337	5634	5620
						5417	5367	5365	5432	5547
						5561	5499	5430	5633	5568
						5558	5449	5410	5498	5701
						5431	5377	5679	5720	5592
						5434	5606	5472	5405	5648
20	5510	9	1.0	333	1	5284	5574	5618	5518	5361
						5413	5447	5676	5380	5307
						5494	5452	5576	5437	5719
						5288	5449	5408	5427	5342
						5487	5571	5691	5610	5609
						5714	5260	5467	5597	5511
						5444	5688	5371	5337	5476
						5536	5348	5532	5499	5255
						5493	5708	5601	5474	5360
						5685	5271	5329	5363	5620
						5346	5445	5385	5438	5705

						5258	5634	5372	5403	5327
						5426	5594	5580	5300	5586
						5552	5350	5590	5351	5698
						5653	5434	5340	5483	5596
						5376	5388	5631	5495	5557
						5711	5624	5496	5625	5410
						5443	5275	5414	5364	5424
						5480	5646	5464	5262	5647
						5418	5261	5488	5575	5615
21	5510	9	1.0	333	1	5539	5338	5554	5582	5581
						5455	5372	5276	5543	5514
						5425	5617	5535	5265	5376
						5576	5511	5375	5534	5398
						5262	5632	5699	5602	5587
						5670	5701	5545	5494	5430
						5645	5586	5489	5674	5675
						5536	5328	5274	5644	5332
						5413	5714	5357	5517	5251
						5412	5416	5410	5600	5524
						5436	5527	5528	5580	5347
						5326	5593	5397	5723	5270
						5720	5418	5378	5393	5523
						5387	5530	5448	5615	5316
						5671	5440	5475	5335	5683
						5508	5299	5476	5334	5555
						5371	5400	5687	5493	5345
						5439	5349	5406	5370	5282
						5415	5519	5719	5286	5486
						5680	5346	5279	5702	5402
22	5510	9	1.0	333	1	5319	5577	5490	5268	5423
						5497	5394	5351	5706	5721
						5259	5602	5658	5255	5286
						5464	5703	5614	5420	5251
						5406	5331	5573	5691	5555
						5536	5301	5330	5579	5704
						5263	5494	5717	5627	5599
						5427	5655	5496	5477	5382
						5451	5446	5495	5332	5469
						5297	5476	5700	5487	5713
						5524	5535	5280	5308	5343
						5271	5377	5532	5287	5250
						5679	5339	5472	5265	5340
						5418	5485	5657	5443	5656
						5294	5652	5628	5345	5457

						5586	5665	5467	5372	5540
						5439	5666	5369	5562	5722
						5292	5442	5492	5617	5606
						5585	5393	5282	5483	5629
						5349	5306	5633	5690	5334
23	5510	9	1.0	333	1	5477	5341	5426	5429	5643
						5636	5319	5297	5453	5665
						5391	5699	5450	5307	5552
						5355	5717	5465	5443	5414
						5497	5514	5305	5528	5281
						5388	5504	5434	5613	5578
						5683	5559	5444	5415	5692
						5381	5718	5492	5580	5569
						5582	5579	5318	5622	5448
						5375	5686	5293	5522	5562
						5352	5401	5538	5327	5371
						5626	5709	5498	5637	5506
						5697	5707	5557	5602	5285
						5340	5421	5362	5572	5610
						5696	5543	5408	5427	5253
						5524	5273	5488	5438	5363
						5678	5631	5435	5390	5260
						5342	5508	5279	5590	5420
						5262	5616	5651	5694	5410
						5337	5467	5527	5328	5409
24	5510	9	1.0	333	1	5257	5580	5362	5590	5485
						5678	5341	5501	5460	5282
						5499	5655	5265	5645	5328
						5543	5385	5345	5510	5325
						5566	5552	5297	5644	5337
						5707	5635	5647	5717	5669
						5516	5659	5664	5512	5520
						5334	5288	5355	5483	5421
						5662	5256	5387	5445	5682
						5569	5661	5351	5478	5449
						5606	5577	5589	5416	5375
						5315	5339	5663	5688	5456
						5652	5486	5428	5706	5638
						5370	5398	5307	5502	5251
						5546	5403	5687	5493	5296
						5534	5419	5615	5313	5320
						5498	5720	5447	5392	5374
						5555	5691	5306	5601	5588
						5427	5451	5425	5685	5651

						5308	5283	5701	5410	5404
25	5510	9	1.0	333	1	5512	5441	5298	5276	5705
						5720	5363	5576	5623	5489
						5430	5444	5403	5365	5349
						5631	5351	5458	5449	5333
						5257	5493	5386	5474	5435
						5664	5264	5681	5284	5558
						5473	5399	5341	5710	5562
						5425	5559	5508	5494	5260
						5367	5669	5627	5442	5611
						5549	5269	5409	5531	5714
						5482	5278	5640	5505	5673
						5637	5527	5617	5306	5653
						5659	5289	5552	5694	5318
						5274	5364	5319	5337	5614
						5297	5302	5323	5712	5581
						5379	5646	5416	5677	5400
						5392	5326	5445	5484	5658
						5384	5272	5452	5566	5423
						5464	5280	5471	5607	5622
						5630	5340	5447	5532	5615
26	5510	9	1.0	333	1	5292	5680	5709	5437	5547
						5287	5288	5651	5311	5696
						5361	5330	5444	5463	5370
						5719	5639	5454	5503	5641
						5341	5423	5434	5378	5447
						5323	5516	5638	5368	5715
						5326	5430	5517	5590	5530
						5701	5452	5661	5408	5671
						5450	5607	5295	5439	5443
						5529	5352	5584	5601	5358
						5691	5496	5581	5571	5472
						5533	5321	5717	5625	5652
						5695	5662	5268	5373	5349
						5567	5483	5395	5698	5649
						5258	5605	5334	5536	5723
						5381	5436	5551	5721	5467
						5623	5606	5415	5388	5379
						5712	5478	5636	5613	5656
						5512	5449	5558	5502	5546
						5718	5572	5498	5707	5509
27	5510	9	1.0	333	1	5450	5444	5645	5598	5292
						5426	5310	5251	5377	5525
						5670	5594	5485	5658	5391

						5332	5291	5557	5548	5358
						5252	5492	5472	5467	5420
						5589	5465	5269	5274	5433
						5387	5257	5267	5350	5365
						5704	5723	5339	5322	5510
						5533	5545	5535	5372	5509
						5435	5428	5637	5709	5630
						5305	5697	5686	5504	5407
						5584	5457	5478	5641	5388
						5692	5409	5656	5459	5286
						5564	5684	5652	5657	5681
						5362	5324	5546	5482	5715
						5309	5378	5662	5526	5475
						5256	5430	5676	5326	5619
						5593	5297	5461	5575	5500
						5691	5346	5392	5496	5255
						5360	5460	5338	5333	5385
28	5510	9	1.0	333	1	5705	5683	5581	5284	5609
						5468	5710	5326	5540	5257
						5601	5383	5526	5378	5412
						5323	5418	5660	5593	5550
						5260	5658	5413	5459	5393
						5477	5317	5472	5673	5308
						5507	5322	5344	5516	5548
						5504	5320	5519	5589	5711
						5349	5616	5483	5300	5530
						5301	5489	5518	5486	5690
						5278	5488	5331	5318	5394
						5520	5372	5382	5401	5475
						5579	5572	5529	5289	5684
						5686	5641	5348	5391	5254
						5564	5636	5292	5277	5506
						5685	5523	5650	5437	5343
						5576	5559	5263	5404	5387
						5438	5570	5696	5384	5258
						5496	5491	5625	5627	5654
						5592	5612	5449	5590	5591
29	5510	9	1.0	333	1	5485	5447	5517	5348	5354
						5510	5257	5401	5703	5464
						5532	5647	5567	5573	5433
						5411	5448	5288	5541	5267
						5268	5252	5548	5366	5365
						5266	5675	5302	5342	5549
						5308	5301	5687	5668	5368

						5546	5315	5722	5663	5321
						5421	5443	5527	5608	5469
						5601	5543	5364	5507	5369
						5483	5343	5694	5707	5336
						5591	5307	5446	5708	5262
						5571	5693	5702	5630	5412
						5590	5384	5698	5621	5367
						5330	5278	5280	5355	5661
						5482	5619	5324	5580	5353
						5669	5519	5568	5275	5674
						5429	5326	5498	5665	5564
						5338	5506	5656	5253	5536
						5679	5609	5667	5565	5487
30	5510	9	1.0	333	1	5265	5686	5453	5509	5671
						5552	5657	5476	5391	5293
						5366	5436	5608	5454	5499
						5575	5294	5586	5459	5654
						5418	5392	5637	5339	5631
						5593	5403	5406	5376	5688
						5672	5258	5330	5442	5566
						5685	5502	5683	5420	5636
						5404	5359	5524	5537	5449
						5684	5505	5321	5430	5715
						5669	5641	5638	5290	5306
						5601	5320	5362	5427	5516
						5525	5528	5576	5710	5539
						5323	5433	5416	5645	5402
						5264	5380	5679	5441	5491
						5444	5723	5605	5304	5300
						5635	5595	5272	5394	5332
						5643	5461	5382	5529	5389
						5514	5346	5259	5598	5691
						5722	5549	5385	5365	5655

5530 MHz, 80 MHz Bandwidth

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

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	1	698	76	0
2	1	638	83	1
3	1	578	92	1
4	1	818	65	1
5	1	3066	18	0
6	1	898	59	1
7	1	758	70	1
8	1	918	58	1
9	1	538	99	1
10	1	778	68	1
11	1	858	62	0
12	1	618	86	1
13	1	598	89	1
14	1	678	78	1
15	1	718	74	1
16	1	2425	22	1
17	1	2645	20	0
18	1	1611	33	1
19	1	1211	44	1
20	1	1653	32	1
21	1	542	98	1
22	1	2361	23	1
23	1	2001	27	1
24	1	2300	23	1
25	1	2779	19	1
26	1	906	59	1
27	1	1546	35	0
28	1	2421	22	1
29	1	2278	24	1
30	1	2855	19	1
Detection Percentage: 83.33 % (>60%)				

Table-2 Radar Type 2 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	2.4	166	24	1
2	2.5	225	23	1
3	3.8	160	26	1
4	3	215	28	1
5	4.6	210	27	1
6	3.9	188	26	0
7	1.3	224	25	1
8	4.6	169	29	1
9	2.7	221	23	1
10	1.1	164	27	0
11	2.7	212	23	1
12	4.8	202	24	1
13	2.9	191	25	1
14	1.2	213	29	1
15	1.7	180	27	1
16	4.3	154	27	0
17	2.9	189	24	1
18	2	158	27	1
19	2.2	195	27	0
20	1.1	220	27	1
21	3.9	187	29	1
22	5	207	23	1
23	3.7	176	24	1
24	2.6	153	25	0
25	3.7	167	28	1
26	1.1	214	24	1
27	3.6	150	28	1
28	2.8	209	25	1
29	2.2	194	28	0
30	1.5	178	29	1
Detection Percentage: 80 % (>60%)				

Table-3 Radar Type 3 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	9.7	357	16	1
2	8.3	311	16	0
3	9.5	413	17	1
4	7.8	272	18	1
5	6.1	438	17	0
6	9.9	313	17	1
7	8.2	202	17	1
8	6.2	280	18	1
9	9.4	432	16	1
10	8.5	328	17	1
11	9.7	257	16	1
12	6.4	230	16	1
13	7.8	275	16	1
14	9.4	497	18	0
15	8.2	329	18	1
16	7	287	17	0
17	7.5	340	16	1
18	8.6	215	17	1
19	6.3	303	18	1
20	9	296	18	0
21	6	221	18	1
22	7.3	433	16	1
23	9.3	424	16	1
24	7	339	17	0
25	6.9	286	18	1
26	7	308	16	1
27	6.9	410	18	1
28	8.4	252	16	1
29	9	445	18	1
30	7.9	258	18	1
Detection Percentage: 80 % (>60%)				

Table-4 Radar Type 4 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	17.4	373	13	1
2	15.2	205	12	0
3	12.9	347	14	1
4	15.9	221	15	1
5	17.5	376	15	1
6	15.7	425	14	0
7	17.6	331	13	1
8	14.3	467	16	0
9	15.6	406	12	1
10	16.9	286	15	1
11	19	290	12	1
12	11.2	302	13	1
13	17.4	460	13	1
14	18.3	438	16	0
15	16.7	226	15	1
16	14	339	15	0
17	19.8	313	13	1
18	14.1	421	15	1
19	13.8	200	15	1
20	12.1	250	15	1
21	16.6	367	16	1
22	14.2	411	12	1
23	19.6	374	12	1
24	14.1	465	13	1
25	11.1	235	15	1
26	14.4	381	12	0
27	11.9	477	15	1
28	16.4	492	13	1
29	20	383	16	0
30	12.8	496	16	1
Detection Percentage: 76.66 % (>60%)				

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (GHz)	Detection (1:yes; 0:no)
1	5.53	1
2	5.53	1
3	5.53	1
4	5.53	1
5	5.53	1
6	5.53	1
7	5.53	1
8	5.53	1
9	5.53	1
10	5.53	1
11	5.53	1
12	5.53	1
13	5.53	1
14	5.53	1
15	5.53	1
16	5.53	1
17	5.53	1
18	5.53	1
19	5.53	1
20	5.53	1
21	5.53	1
22	5.53	1
23	5.53	1
24	5.53	1
25	5.53	1
26	5.53	1
27	5.53	1
28	5.53	1
29	5.53	1
30	5.53	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	486078	70.7	6	1	1903	-	-	1
1	750177	56.1	6	1	1931	-	-	1
2	1013006	68.8	6	2	1936	1372	-	1
3	189007	65	6	3	1743	1140	1429	1
4	452950	79.9	6	2	1856	1476	-	1
5	717249	77.1	6	2	1481	1050	-	1
6	981125	79.9	6	2	1384	1247	-	1
7	156481	64.5	6	3	1837	1875	1052	1
8	421195	88.3	6	1	1428	-	-	1
9	683973	66.6	6	2	1922	1820	-	1
10	949892	82.6	6	1	1165	-	-	1

Bin5 Statistics 2

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	152072	88	12	1	1647	-	-	1
1	475140	68.4	12	1	1389	-	-	1
2	796834	88.6	12	3	1249	1246	1138	1
3	1118987	78.9	12	3	1035	1636	1368	1
4	112248	96.9	12	2	1027	1110	-	1
5	435237	95.6	12	1	1734	-	-	1
6	757291	81.4	12	2	1585	1731	-	1
7	1078850	55.6	12	3	1705	1107	1750	1
8	72337	53.4	12	3	1589	1671	1499	1

Bin5 Statistics 3

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	253280	81.5	20	3	1771	1461	1055	1
1	461821	70.1	20	1	1141	-	-	1
2	669403	63.5	20	1	1174	-	-	1
3	20990	63.9	20	2	1675	1259	-	1
4	227727	74.2	20	3	1843	1348	1375	1
5	435933	81.4	20	1	1761	-	-	1
6	640909	84.1	20	3	1521	1915	1623	1
7	851017	59	20	1	1590	-	-	1
8	202121	52	20	3	1767	1682	1690	1
9	409090	84.6	20	3	1234	1708	1506	1
10	617379	89.4	20	2	1314	1080	-	1
11	823050	91.1	20	3	1619	1000	1467	1
12	176554	84.1	20	3	1908	1797	1983	1
13	385111	81.6	20	1	1125	-	-	1

Bin5 Statistics 4

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	458738	56.2	15	3	1465	1010	1676	1
1	618763	71.1	15	3	1302	1959	1592	1
2	117629	65.5	15	3	1248	1075	1573	1
3	279533	57	15	1	1132	-	-	1
4	439884	86.3	15	2	1194	1541	-	1
5	600431	84.7	15	2	1995	1268	-	1
6	98170	67.3	15	1	1591	-	-	1
7	258396	72.8	15	3	1821	1167	1361	1
8	419366	97	15	3	1595	1068	1152	1
9	580791	50.1	15	2	1793	1265	-	1
10	78179	53	15	2	1400	1228	-	1
11	238443	98.2	15	3	1777	1427	1606	1
12	399351	52.8	15	3	1299	1367	1503	1
13	561179	94.8	15	2	1296	1511	-	1
14	58441	83.5	15	1	1492	-	-	1
15	219090	72	15	2	1622	1919	-	1
16	379787	71.9	15	2	2000	1772	-	1
17	542119	94.1	15	1	1860	-	-	1

Bin5 Statistics 5

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	43345	87.7	18	2	1370	1102	-	1
1	223867	73	18	3	1514	1967	1574	1
2	405742	85.9	18	2	1814	1028	-	1
3	588256	50.5	18	1	1181	-	-	1
4	20949	92.6	18	3	1553	1547	1641	1
5	202695	54.9	18	1	1057	-	-	1
6	382300	90.9	18	3	1566	1575	1885	1
7	564625	98.6	18	2	1290	1559	-	1
8	745592	93.1	18	2	1617	1473	-	1
9	180178	70.9	18	1	1650	-	-	1
10	361814	62.4	18	1	1365	-	-	1
11	543079	53.7	18	1	1781	-	-	1
12	725159	77.2	18	1	1148	-	-	1
13	157801	91.5	18	1	1745	-	-	1
14	338908	53.8	18	2	1225	1333	-	1
15	520865	86.8	18	1	1582	-	-	1

Bin5 Statistics 6

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	861854	82.3	16	3	1444	1825	1463	1
1	166206	57.8	16	3	1784	1588	1532	1
2	389361	81.3	16	3	1300	1079	1416	1
3	613679	88.6	16	1	1749	-	-	1
4	837664	95.2	16	1	1161	-	-	1
5	139357	71	16	1	1059	-	-	1
6	361875	86.1	16	2	1872	1981	-	1
7	584328	58.6	16	3	1446	1985	1189	1
8	808311	73.1	16	2	1862	1360	-	1
9	111481	63.4	16	3	1210	1005	1576	1
10	334372	60.9	16	3	1044	1082	1842	1
11	558509	76	16	1	1950	-	-	1
12	781139	78.5	16	2	1854	1006	-	1

Bin5 Statistics 7

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	91294	89.3	19	1	1103	-	-	1
1	333488	75.5	19	1	1312	-	-	1
2	574344	80.1	19	2	1818	1849	-	1
3	815729	62.6	19	2	1989	1992	-	1
4	61340	95.4	19	2	1733	1201	-	1
5	303023	53.4	19	2	1979	1404	-	1
6	545787	61	19	1	1457	-	-	1
7	786549	95.8	19	2	1975	1278	-	1
8	31517	55.7	19	3	1448	1495	1144	1
9	272990	78.5	19	3	1215	1337	1779	1
10	515006	60.6	19	3	1253	1030	1012	1
11	758095	66.2	19	1	1509	-	-	1

Bin5 Statistics 8

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1060	87.8	5	1	1999	-	-	1
1	145389	91.6	5	3	1829	1900	1155	1
2	291148	96.5	5	1	1958	-	-	1
3	434070	60.3	5	3	1813	1852	1202	1
4	580335	93.3	5	2	1256	1629	-	1
5	128296	72.9	5	1	1688	-	-	1
6	273353	61.5	5	1	1803	-	-	1
7	418580	94.4	5	1	1594	-	-	1
8	562027	66	5	2	1598	1785	-	1
9	110250	62.5	5	2	1600	1019	-	1
10	255134	75.7	5	2	1578	1039	-	1
11	399378	90.7	5	2	1596	1977	-	1
12	545745	83.4	5	1	1693	-	-	1
13	92540	99	5	1	1736	-	-	1
14	237781	66.7	5	1	1374	-	-	1
15	382613	86.9	5	1	1927	-	-	1
16	526916	77.3	5	2	1759	1017	-	1
17	74328	77.4	5	3	1720	1032	1702	1
18	219927	79.2	5	1	1294	-	-	1
19	364736	94.1	5	1	1944	-	-	1

Bin5 Statistics 9

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1132071	64.8	13	3	1719	1963	1554	1
1	126187	70	13	3	1447	1229	1411	1
2	449305	53.7	13	1	1913	-	-	1
3	770650	95.4	13	3	1482	1768	1364	1
4	1094499	82.4	13	2	1190	1488	-	1
5	86496	91.1	13	3	1377	1196	1227	1
6	408482	81.8	13	3	1565	1861	1895	1
7	730801	88.1	13	3	1555	1501	1839	1
8	1053940	92.8	13	2	1876	1819	-	1

Bin5 Statistics 10

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	26264	91.1	5	3	1083	1306	1115	1
1	207893	76.5	5	1	1415	-	-	1
2	389575	79.3	5	1	1171	-	-	1
3	571276	70.7	5	1	1058	-	-	1
4	3975	72.4	5	1	1277	-	-	1
5	185488	57.3	5	1	1584	-	-	1
6	367215	79.4	5	1	1149	-	-	1
7	548375	89.7	5	1	1778	-	-	1
8	730526	98.3	5	1	1076	-	-	1
9	162472	79.9	5	3	1522	1145	1932	1
10	343562	90.5	5	2	1993	1940	-	1
11	523868	99.4	5	3	1485	1657	1699	1
12	705417	81.7	5	3	1098	1717	1154	1
13	140878	62.5	5	1	1014	-	-	1
14	321408	76.7	5	3	1321	1240	1060	1
15	501650	99.9	5	3	1730	1700	1347	1

Bin5 Statistics 11

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1370175	89.4	5	3	1176	1133	1353	1
1	237137	79.2	5	1	1193	-	-	1
2	600536	96.4	5	1	1464	-	-	1
3	963766	86.8	5	1	1795	-	-	1
4	1324844	74.1	5	3	1673	1663	1036	1
5	192338	68.5	5	1	1373	-	-	1
6	555878	78.3	5	1	1169	-	-	1
7	917027	99.3	5	3	1564	1816	1644	1

Bin5 Statistics 12

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	931353	66.6	11	2	1162	1639	-	1
1	107301	51.3	11	1	1208	-	-	1
2	371519	67.8	11	1	1410	-	-	1
3	635241	87.9	11	2	1037	1257	-	1
4	900294	51	11	1	1048	-	-	1
5	74745	78	11	1	1245	-	-	1
6	338360	52.1	11	2	1984	1391	-	1
7	602317	91.2	11	2	1222	1799	-	1
8	867264	73.5	11	1	1640	-	-	1
9	42133	51.5	11	2	1747	1021	-	1
10	305499	75	11	3	1680	1307	1710	1

Bin5 Statistics 13

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	522746	86	13	1	1980	-	-	1
1	764272	96.4	13	2	1324	1342	-	1
2	8822	70	13	2	1583	1056	-	1
3	251079	61	13	1	1185	-	-	1
4	491414	91.6	13	3	1970	1988	1092	1
5	733466	87.4	13	3	1142	1271	1625	1
6	977583	97.3	13	1	1418	-	-	1
7	220836	79	13	2	1774	1235	-	1
8	462435	97.6	13	3	1200	1177	1069	1
9	703783	88.8	13	3	1315	1530	1093	1
10	947383	94.7	13	1	1806	-	-	1
11	190729	83.2	13	3	1432	1295	1968	1

Bin5 Statistics 14

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	258477	57.5	11	3	1134	1871	1646	1
1	404446	77.1	11	2	1254	1064	-	1
2	549878	95.6	11	1	1801	-	-	1
3	96144	93.1	11	3	1964	1808	1846	1
4	240560	61.8	11	3	1742	1308	1926	1
5	386608	85.4	11	2	1124	1168	-	1
6	529596	51.3	11	3	1659	1351	1502	1
7	78579	68.6	11	3	1435	1440	1288	1
8	223593	72.6	11	2	1100	1714	-	1
9	369090	98.3	11	1	1744	-	-	1
10	512554	80	11	2	1737	1905	-	1
11	60851	54	11	2	1510	1948	-	1
12	205150	71	11	3	1631	1456	1475	1
13	351534	89.6	11	1	1204	-	-	1
14	493576	91.5	11	3	1870	1329	1844	1
15	42956	88.6	11	3	1773	1270	1434	1
16	187366	70.3	11	3	1689	1661	1199	1
17	333473	77.7	11	1	1513	-	-	1
18	476071	99.4	11	3	1611	1961	1135	1
19	25239	75.8	11	2	1313	1407	-	1

Bin5 Statistics 15

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	212817	80.1	14	2	1286	1431	-	1
1	394158	87.5	14	2	1281	1244	-	1
2	574813	90.7	14	2	1408	1937	-	1
3	9251	53.4	14	2	1218	1691	-	1
4	190428	69.3	14	2	1847	1123	-	1
5	371204	68.2	14	3	1065	1412	1303	1
6	553896	54.8	14	1	1469	-	-	1
7	735062	99.5	14	1	1851	-	-	1
8	167890	76.9	14	3	1645	1192	1118	1
9	348265	89.5	14	3	1751	1500	1911	1
10	531622	80.7	14	1	1345	-	-	1
11	710348	60.5	14	3	1205	1413	1715	1
12	145985	71.9	14	1	1991	-	-	1
13	326882	68.2	14	2	1441	1735	-	1
14	508970	60.2	14	1	1766	-	-	1
15	691051	60.8	14	1	1104	-	-	1

Bin5 Statistics 16

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	123204	55.5	16	3	1070	1567	1987	1
1	304698	84.9	16	2	1119	1748	-	1
2	484772	90.3	16	3	1445	1516	1642	1
3	668495	55.7	16	1	1309	-	-	1
4	101158	72.2	16	2	1894	1089	-	1
5	281544	83	16	3	1755	1712	1605	1
6	464478	52.3	16	1	1420	-	-	1
7	646233	87.8	16	1	1188	-	-	1
8	78989	66.3	16	1	1586	-	-	1
9	260521	66	16	1	1536	-	-	1
10	442092	90	16	1	1459	-	-	1
11	621299	51.9	16	3	1362	1599	1304	1
12	56616	95.9	16	1	1780	-	-	1
13	238261	58.7	16	1	1220	-	-	1
14	418937	58.7	16	2	1828	1046	-	1
15	600024	69.8	16	2	1998	1018	-	1

Bin5 Statistics 17

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	49777	89.4	11	3	1237	1672	1004	1
1	313356	68.9	11	3	1264	1350	1480	1
2	577457	53	11	2	1242	1884	-	1
3	841106	70	11	2	1695	1654	-	1
4	17296	86.4	11	3	1016	1662	1763	1
5	280819	92.2	11	3	1753	1601	1009	1
6	544784	73.8	11	2	1850	1627	-	1
7	807218	93.7	11	3	1423	1890	1916	1
8	1074430	80.6	11	1	1274	-	-	1
9	248543	51.9	11	2	1976	1580	-	1
10	513410	91.8	11	1	1117	-	-	1

Bin5 Statistics 18

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	567929	83.1	8	3	1706	1136	1338	1
1	761094	67.5	8	3	1568	1285	1166	1
2	158341	69.5	8	2	1637	1486	-	1
3	352528	82.2	8	1	1041	-	-	1
4	544392	52.8	8	2	1897	1935	-	1
5	737380	79.3	8	3	1542	1341	1066	1
6	134525	80.7	8	2	1376	1807	-	1
7	328563	83	8	1	1275	-	-	1
8	521554	85.4	8	2	1040	1343	-	1
9	714001	87.5	8	2	1608	1892	-	1
10	110852	93.6	8	2	1033	1206	-	1
11	304601	53.6	8	1	1540	-	-	1
12	496940	97.2	8	2	1955	1687	-	1
13	691748	85.2	8	1	1721	-	-	1
14	87101	52.9	8	1	1489	-	-	1

Bin5 Statistics 19

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	247139	87.1	18	2	1330	1677	-	1
1	418484	53.3	18	1	1533	-	-	1
2	587535	78.2	18	2	1830	1826	-	1
3	55665	52.9	18	2	1498	1581	-	1
4	226503	53.5	18	1	1880	-	-	1
5	396865	68.2	18	2	1153	1402	-	1
6	568300	80.8	18	1	1494	-	-	1
7	34588	60.8	18	3	1241	1965	1519	1
8	205517	71.1	18	1	1725	-	-	1
9	375547	53	18	2	1726	1403	-	1
10	545048	65.2	18	3	1355	1624	1359	1
11	13645	90.3	18	3	1458	1383	1713	1
12	184460	74.4	18	1	1802	-	-	1
13	355210	63.4	18	1	1827	-	-	1
14	526090	61.1	18	1	1660	-	-	1
15	694530	96.7	18	3	1909	1002	1130	1
16	163437	75.2	18	1	1756	-	-	1

Bin5 Statistics 20

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	334534	70.2	20	1	1073	-	-	1
1	503570	91.3	20	3	1143	1015	1569	1
2	674052	69.3	20	2	1986	1546	-	1
3	142276	70.2	20	2	1045	1334	-	1
4	312443	96.9	20	2	1626	1775	-	1
5	484112	83.8	20	1	1517	-	-	1
6	652363	87.2	20	3	1081	1417	1794	1
7	121332	72.6	20	1	1956	-	-	1
8	291650	65.1	20	2	1703	1233	-	1
9	463087	75.7	20	1	1491	-	-	1
10	633585	73.3	20	1	1868	-	-	1
11	100315	82.4	20	1	1869	-	-	1
12	271175	95.9	20	1	1572	-	-	1
13	441155	65.2	20	2	1344	1563	-	1
14	609826	55.8	20	3	1728	1317	1957	1
15	79310	84.9	20	1	1630	-	-	1
16	249425	83.4	20	2	1971	1597	-	1

Bin5 Statistics 21

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	356830	55	7	2	1925	1049	-	1
1	502909	70.5	7	1	1449	-	-	1
2	49497	65.4	7	1	1792	-	-	1
3	193607	77.7	7	3	1561	1436	1790	1
4	339875	98.4	7	1	1422	-	-	1
5	483946	73.5	7	2	1378	1406	-	1
6	31588	52.3	7	2	1238	1262	-	1
7	176828	56.7	7	1	1392	-	-	1
8	321771	98.4	7	1	1836	-	-	1
9	466199	79.2	7	2	1173	1490	-	1
10	13728	87.7	7	2	1863	1084	-	1
11	158881	89.1	7	1	1635	-	-	1
12	303711	56.2	7	2	1175	1034	-	1
13	449362	69.6	7	1	1320	-	-	1
14	594591	74.3	7	1	1289	-	-	1
15	140570	90.9	7	2	1910	1570	-	1
16	285412	68.4	7	2	1293	1838	-	1
17	431084	83.4	7	1	1865	-	-	1
18	572647	55.9	7	3	1997	1609	1896	1
19	122468	65.8	7	3	1388	1923	1537	1

Bin5 Statistics 22

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	595785	82.8	16	3	1668	1086	1613	1
1	917636	90.2	16	3	1562	1782	1697	1
2	1243027	69.5	16	1	1571	-	-	1
3	233759	91.1	16	3	1137	1835	1439	1
4	557366	80.3	16	1	1301	-	-	1
5	879200	88.5	16	2	1704	1452	-	1
6	1201408	92.5	16	2	1953	1648	-	1
7	194446	57.5	16	1	1754	-	-	1
8	516584	78.5	16	3	1740	1096	1008	1

Bin5 Statistics 23

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	753954	75.3	9	3	1638	1822	1855	1
1	1046878	87.8	9	1	1679	-	-	1
2	139157	59.3	9	1	1949	-	-	1
3	429551	55.4	9	2	1061	1363	-	1
4	719601	91.1	9	2	1878	1212	-	1
5	1010511	58.3	9	2	1260	1094	-	1
6	103107	90.7	9	3	1817	1746	1385	1
7	393614	81.2	9	2	1011	1901	-	1
8	683789	97.6	9	2	1918	1267	-	1
9	972776	71.9	9	3	1026	1874	1857	1

Bin5 Statistics 24

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	56296	67.7	6	1	1921	-	-	1
1	298560	66.9	6	1	1255	-	-	1
2	540768	63.5	6	1	1291	-	-	1
3	782088	98.6	6	2	1224	1213	-	1
4	26423	54.6	6	3	1526	1072	1430	1
5	268598	99.6	6	1	1722	-	-	1
6	509041	83.6	6	3	1962	1466	1560	1
7	752956	58.8	6	1	1549	-	-	1
8	994734	56.1	6	1	1928	-	-	1
9	238174	99	6	3	1487	1460	1287	1
10	480547	91.6	6	2	1331	1101	-	1
11	721221	77.4	6	3	1678	1077	1426	1

Bin5 Statistics 25

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	642678	81.8	19	1	1906	-	-	1
1	138621	100	19	3	1716	1327	1354	1
2	299494	69	19	2	1982	1858	-	1
3	460170	50.5	19	3	1529	1170	1258	1
4	620693	64.8	19	3	1335	1390	1450	1
5	118702	50.9	19	3	1649	1889	1610	1
6	279893	74.4	19	2	1840	1527	-	1
7	440810	97.4	19	2	1493	1804	-	1
8	601729	59.9	19	2	1758	1505	-	1
9	99497	81	19	1	1419	-	-	1
10	260691	94.8	19	1	1800	-	-	1
11	420787	78.2	19	2	1952	1669	-	1
12	583205	73	19	1	1787	-	-	1
13	79662	91.4	19	1	1097	-	-	1
14	240287	78.3	19	2	1556	1739	-	1
15	401171	83.6	19	2	1507	1796	-	1
16	561061	65.2	19	3	1090	1724	1665	1
17	59604	61.2	19	2	1323	1718	-	1

Bin5 Statistics 26

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	398412	83.7	5	1	1216	-	-	1
1	688727	59.6	5	1	1960	-	-	1
2	979439	70.9	5	1	1776	-	-	1
3	71735	61.5	5	2	1471	1757	-	1
4	361700	88.3	5	3	1160	1848	1178	1
5	652545	98.9	5	2	1022	1656	-	1
6	942022	69.3	5	2	1891	1945	-	1
7	36046	91.7	5	1	1113	-	-	1
8	326104	64.8	5	2	1841	1877	-	1
9	616801	91.6	5	2	1472	1158	-	1

Bin5 Statistics 27

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	503038	96.8	18	2	1604	1128	-	1
1	128	79.6	18	2	1686	1305	-	1
2	161171	86.4	18	2	1437	1221	-	1
3	322058	58.5	18	2	1029	1951	-	1
4	484402	86.9	18	1	1085	-	-	1
5	645426	98	18	1	1497	-	-	1
6	140903	56	18	3	1179	1670	1833	1
7	302757	59.4	18	1	1824	-	-	1
8	464225	86.5	18	1	1504	-	-	1
9	622763	90.5	18	3	1664	1319	1483	1
10	121531	93.6	18	2	1150	1325	-	1
11	281730	89.7	18	3	1231	1523	1809	1
12	444205	56.7	18	1	1727	-	-	1
13	605542	50.1	18	1	1652	-	-	1
14	101886	62	18	1	1187	-	-	1
15	263296	86.7	18	1	1159	-	-	1
16	422411	72.1	18	3	1552	1805	1394	1
17	583386	85.3	18	3	1195	1223	1834	1

Bin5 Statistics 28

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	134283	75.5	16	1	1182	-	-	1
1	397901	63.3	16	2	1346	1683	-	1
2	660522	71.2	16	3	1996	1105	1941	1
3	926981	100	16	1	1396	-	-	1
4	101708	93.7	16	1	1401	-	-	1
5	365681	94.9	16	2	1038	1157	-	1
6	629216	65.2	16	2	1684	1398	-	1
7	893694	81.9	16	2	1184	1111	-	1
8	68929	56.4	16	3	1845	1607	1579	1
9	332359	70.3	16	3	1990	1518	1292	1
10	597837	61.6	16	1	1042	-	-	1

Bin5 Statistics 29

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	523790	70.1	15	3	1791	1643	1106	1
1	22365	81.3	15	1	1116	-	-	1
2	182798	73.2	15	3	1930	1054	1694	1
3	344566	86.1	15	2	1209	1127	-	1
4	503453	82.9	15	3	1760	1770	1741	1
5	2470	50.6	15	3	1273	1907	1147	1
6	163147	80.3	15	3	1003	1381	1786	1
7	324412	94.7	15	2	1762	1203	-	1
8	484370	86.3	15	3	1250	1479	1618	1
9	648050	91.4	15	1	1219	-	-	1
10	143305	75.1	15	3	1943	1121	1339	1
11	305181	85.3	15	1	1666	-	-	1
12	466509	68.9	15	1	1602	-	-	1
13	626184	97.2	15	2	1853	1470	-	1
14	124145	74.7	15	1	1051	-	-	1
15	285447	67.6	15	1	1357	-	-	1
16	446826	94.1	15	1	1326	-	-	1
17	605642	52.9	15	3	1658	1405	1053	1

Bin5 Statistics 30

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	98265	70.7	20	3	1332	1043	1866	1
1	251607	99.6	20	1	1252	-	-	1
2	403329	51.6	20	2	1114	1934	-	1
3	555365	76.8	20	2	1534	1969	-	1
4	79627	84.1	20	2	1424	2000	-	1
5	232823	66.2	20	1	1126	-	-	1
6	383299	51.5	20	3	1379	1933	1783	1
7	536088	70.3	20	3	1091	1474	1539	1
8	61094	96.8	20	1	1023	-	-	1
9	213246	86	20	2	1515	1798	-	1
10	365080	91.5	20	3	1811	1151	1280	1
11	516788	93.4	20	3	1369	1577	1831	1
12	41996	54.9	20	3	1397	1812	1707	1
13	194591	91.5	20	2	1414	1531	-	1
14	345735	85.8	20	3	1651	1946	1738	1
15	500995	97.8	20	1	1087	-	-	1
16	23361	66.3	20	2	1352	1226	-	1
17	175831	59.2	20	2	1765	1108	-	1
18	327586	70.4	20	3	1251	1243	1769	1

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	1.0	333	1	5576	5418	5412	5420	5342
						5551	5338	5564	5327	5432
						5346	5552	5560	5542	5629
						5430	5419	5524	5712	5502
						5495	5667	5340	5335	5476
						5553	5413	5721	5400	5429
						5385	5637	5591	5307	5280
						5626	5425	5598	5565	5487
						5324	5579	5284	5329	5640
						5467	5318	5265	5678	5371
						5449	5657	5331	5573	5322
						5688	5345	5650	5665	5274
						5350	5308	5527	5686	5600
						5512	5352	5643	5684	5572
						5428	5641	5633	5358	5259
						5582	5691	5447	5405	5661
						5705	5411	5701	5529	5554
						5718	5257	5567	5562	5481
						5652	5281	5271	5460	5603
						5540	5478	5655	5673	5550
2	5530	9	1.0	333	1	5357	5450	5723	5664	5278
						5597	5449	5373	5684	5274
						5515	5634	5594	5543	5341
						5614	5451	5367	5577	5492
						5353	5259	5696	5356	5620
						5656	5345	5429	5615	5471
						5539	5435	5609	5689	5528
						5595	5419	5319	5394	5488
						5271	5628	5629	5486	5439
						5598	5267	5447	5638	5704
						5650	5677	5591	5602	5514
						5348	5576	5714	5391	5444
						5599	5270	5483	5560	5460
						5330	5372	5630	5362	5445
						5382	5320	5339	5547	5452
						5264	5369	5261	5623	5516
						5258	5643	5569	5257	5522
						5430	5366	5527	5275	5297
						5711	5416	5276	5359	5476

						5459	5335	5509	5518	5607
3	5530	9	1.0	333	1	5612	5689	5659	5350	5595
						5639	5374	5448	5372	5481
						5349	5423	5635	5263	5362
						5702	5578	5470	5525	5684
						5361	5425	5637	5445	5593
						5544	5672	5632	5341	5505
						5581	5324	5566	5429	5680
						5415	5558	5410	5665	5660
						5564	5334	5424	5679	5671
						5427	5721	5287	5703	5467
						5303	5565	5437	5302	5561
						5482	5301	5314	5357	5625
						5456	5308	5294	5394	5418
						5530	5609	5274	5619	5438
						5560	5588	5723	5695	5592
						5636	5304	5624	5461	5582
						5513	5686	5493	5363	5722
						5653	5614	5296	5443	5457
						5370	5524	5557	5641	5465
						5369	5299	5618	5535	5662
4	5530	9	1.0	333	1	5392	5453	5595	5511	5340
						5303	5396	5523	5535	5310
						5280	5687	5676	5458	5383
						5693	5608	5573	5570	5401
						5369	5591	5675	5437	5566
						5335	5621	5360	5445	5539
						5720	5688	5644	5454	5613
						5600	5501	5461	5416	5671
						5403	5417	5362	5347	5592
						5503	5407	5426	5723	5281
						5354	5343	5479	5519	5623
						5505	5670	5255	5286	5328
						5721	5315	5317	5379	5351
						5495	5404	5552	5313	5424
						5563	5699	5654	5561	5447
						5605	5616	5692	5294	5375
						5653	5442	5456	5259	5635
						5325	5421	5297	5377	5331
						5471	5306	5656	5252	5649
						5717	5664	5274	5553	5449
5	5530	9	1.0	333	1	5550	5692	5531	5672	5657
						5345	5321	5501	5698	5517
						5589	5573	5717	5653	5404

						5306	5260	5579	5615	5593
						5377	5660	5616	5526	5539
						5473	5563	5549	5287	5674
						5480	5384	5606	5433	5264
						5689	5257	5569	5585	5500
						5300	5587	5432	5290	5509
						5334	5619	5694	5655	5570
						5712	5423	5352	5383	5684
						5597	5580	5299	5375	5262
						5440	5680	5297	5318	5292
						5393	5572	5296	5355	5385
						5507	5663	5664	5675	5516
						5401	5590	5586	5327	5716
						5357	5259	5556	5395	5319
						5545	5575	5496	5477	5340
						5441	5666	5648	5647	5532
						5552	5582	5413	5530	5418
6	5530	9	1.0	333	1	5330	5456	5467	5261	5402
						5387	5343	5576	5289	5724
						5520	5362	5283	5373	5425
						5394	5682	5563	5310	5288
						5351	5557	5518	5512	5489
						5325	5669	5653	5607	5329
						5340	5502	5380	5253	5403
						5305	5625	5344	5499	5556
						5583	5713	5352	5683	5264
						5270	5592	5364	5290	5506
						5473	5356	5621	5326	5721
						5296	5571	5638	5312	5399
						5504	5645	5272	5718	5519
						5716	5429	5404	5566	5536
						5554	5493	5666	5513	5651
						5475	5424	5636	5567	5331
						5606	5304	5354	5454	5459
						5712	5282	5447	5633	5426
						5318	5395	5661	5580	5277
						5323	5632	5545	5414	5655
7	5530	9	1.0	333	1	5585	5695	5403	5422	5719
						5429	5268	5651	5452	5456
						5451	5626	5324	5471	5446
						5482	5514	5310	5608	5502
						5296	5420	5595	5607	5485
						5377	5274	5397	5379	5641
						5468	5549	5297	5717	5532

						5542	5396	5421	5497	5510
						5395	5288	5495	5680	5668
						5250	5675	5325	5343	5349
						5672	5415	5447	5618	5284
						5592	5596	5619	5633	5335
						5724	5579	5286	5342	5287
						5368	5614	5458	5339	5479
						5669	5362	5627	5434	5544
						5304	5548	5450	5587	5295
						5367	5254	5649	5459	5554
						5639	5598	5380	5566	5593
						5351	5586	5311	5385	5700
						5407	5713	5443	5393	5283
8	5530	9	1.0	333	1	5365	5459	5436	5583	5464
						5568	5290	5251	5615	5285
						5415	5666	5467	5473	5641
						5413	5653	5694	5304	5586
						5536	5599	5458	5265	5601
						5600	5483	5675	5510	5438
						5254	5457	5306	5271	5584
						5487	5692	5650	5424	5331
						5371	5492	5260	5677	5597
						5705	5283	5383	5396	5658
						5700	5708	5723	5270	5562
						5472	5546	5590	5287	5500
						5669	5411	5255	5707	5543
						5711	5404	5446	5253	5617
						5698	5465	5294	5686	5603
						5393	5718	5664	5350	5529
						5674	5560	5368	5527	5369
						5362	5493	5305	5259	5466
						5431	5717	5516	5592	5345
						5494	5339	5462	5697	5372
9	5530	9	1.0	333	1	5620	5320	5372	5269	5306
						5610	5690	5326	5303	5492
						5691	5679	5503	5386	5488
						5561	5671	5516	5698	5508
						5655	5477	5688	5431	5531
						5550	5328	5587	5709	5552
						5327	5686	5672	5458	5469
						5723	5578	5585	5425	5338
						5645	5454	5430	5500	5674
						5429	5685	5366	5441	5449
						5448	5479	5409	5299	5568

						5660	5407	5319	5665	5614
						5718	5653	5440	5656	5523
						5420	5392	5548	5297	5438
						5482	5352	5590	5309	5493
						5510	5354	5573	5624	5623
						5564	5265	5335	5268	5451
						5385	5490	5611	5681	5598
						5282	5347	5603	5356	5517
						5336	5254	5489	5521	5696
10	5530	9	1.0	333	1	5303	5559	5308	5430	5526
						5652	5712	5401	5466	5699
						5622	5565	5544	5581	5509
						5649	5323	5522	5646	5700
						5698	5346	5418	5680	5404
						5419	5402	5531	5691	5268
						5594	5313	5643	5315	5707
						5289	5387	5669	5381	5578
						5349	5484	5537	5368	5265
						5671	5358	5665	5449	5499
						5502	5335	5355	5585	5350
						5304	5391	5353	5276	5454
						5597	5528	5532	5448	5656
						5647	5479	5599	5567	5609
						5379	5488	5415	5464	5534
						5397	5287	5458	5311	5429
						5539	5491	5606	5683	5405
						5690	5653	5720	5274	5328
						5299	5436	5263	5431	5371
						5604	5316	5607	5615	5373
11	5530	9	1.0	333	1	5558	5323	5719	5591	5368
						5694	5637	5476	5532	5528
						5456	5354	5585	5301	5530
						5262	5450	5625	5691	5417
						5706	5415	5294	5377	5685
						5254	5302	5258	5677	5600
						5384	5487	5429	5382	5652
						5256	5263	5717	5306	5408
						5290	5665	5548	5460	5555
						5286	5401	5393	5592	5675
						5464	5690	5250	5406	5577
						5520	5601	5479	5305	5642
						5293	5698	5404	5633	5400
						5611	5434	5270	5431	5452
						5682	5569	5383	5318	5661

						5379	5338	5576	5643	5291
						5390	5511	5629	5536	5707
						5253	5489	5724	5627	5271
						5607	5590	5695	5539	5411
						5388	5606	5523	5546	5355
12	5530	9	1.0	333	1	5338	5562	5655	5277	5588
						5358	5659	5551	5695	5260
						5387	5618	5626	5399	5253
						5577	5261	5609	5617	5581
						5397	5286	5350	5573	5678
						5365	5521	5336	5300	5566
						5557	5270	5633	5307	5568
						5473	5448	5506	5652	5259
						5325	5719	5648	5287	5594
						5528	5615	5518	5511	5487
						5582	5462	5452	5482	5415
						5619	5362	5405	5544	5377
						5706	5685	5546	5311	5703
						5591	5507	5354	5530	5682
						5705	5500	5460	5410	5704
						5400	5572	5550	5635	5331
						5442	5543	5401	5296	5433
						5351	5455	5607	5441	5284
						5449	5701	5713	5274	5407
						5255	5505	5569	5323	5262
13	5530	9	1.0	333	1	5593	5326	5591	5438	5430
						5400	5584	5626	5383	5467
						5318	5407	5667	5594	5572
						5341	5704	5356	5306	5625
						5650	5338	5375	5323	5364
						5530	5568	5370	5342	5552
						5514	5485	5310	5602	5707
						5564	5659	5663	5573	5408
						5657	5413	5284	5523	5508
						5698	5576	5277	5361	5638
						5503	5668	5713	5466	5365
						5316	5595	5363	5348	5360
						5491	5618	5529	5534	5317
						5456	5390	5265	5372	5399
						5589	5309	5386	5369	5692
						5396	5531	5412	5441	5464
						5614	5546	5314	5550	5475
						5395	5532	5647	5391	5719
						5699	5631	5521	5262	5336

						5403	5451	5329	5460	5504
14	5530	9	1.0	333	1	5276	5565	5527	5502	5650
						5442	5606	5701	5546	5296
						5627	5671	5708	5314	5593
						5429	5259	5459	5254	5518
						5633	5341	5376	5367	5252
						5479	5404	5481	5441	5471
						5603	5559	5325	5371	5655
						5612	5337	5577	5412	5588
						5595	5653	5281	5355	5488
						5306	5537	5617	5639	5712
						5339	5554	5282	5536	5410
						5553	5270	5310	5560	5319
						5489	5540	5533	5450	5615
						5405	5426	5572	5264	5288
						5575	5362	5622	5716	5539
						5512	5664	5454	5299	5611
						5686	5449	5689	5374	5267
						5440	5446	5305	5370	5556
						5250	5258	5513	5538	5317
						5320	5301	5430	5432	5280
15	5530	9	1.0	333	1	5531	5329	5463	5663	5492
						5484	5301	5612	5503	5558
						5557	5274	5509	5614	5517
						5386	5465	5299	5710	5544
						5507	5317	5456	5269	5615
						5331	5499	5455	5341	5523
						5330	5428	5343	5711	5620
						5413	5271	5408	5587	5491
						5251	5671	5436	5321	5278
						5284	5468	5389	5595	5670
						5429	5588	5515	5605	5371
						5262	5257	5266	5602	5500
						5379	5668	5521	5705	5478
						5354	5365	5307	5534	5566
						5640	5561	5606	5385	5716
						5581	5685	5360	5585	5493
						5344	5564	5260	5687	5608
						5352	5337	5459	5308	5400
						5553	5665	5721	5353	5298
						5555	5372	5304	5296	5312
16	5530	9	1.0	333	1	5311	5568	5399	5349	5712
						5623	5553	5376	5300	5710
						5392	5346	5315	5704	5635

						5508	5513	5344	5427	5552
						5576	5258	5448	5717	5406
						5658	5605	5559	5375	5565
						5316	5385	5558	5485	5343
						5459	5301	5265	5502	5279
						5374	5561	5275	5591	5472
						5653	5723	5464	5691	5656
						5460	5560	5676	5357	5556
						5690	5673	5639	5650	5395
						5423	5686	5579	5469	5542
						5303	5401	5614	5329	5272
						5547	5609	5709	5692	5540
						5557	5480	5253	5474	5596
						5674	5516	5627	5698	5352
						5470	5397	5554	5273	5354
						5388	5411	5359	5655	5600
						5572	5669	5291	5638	5487
17	5530	9	1.0	333	1	5566	5332	5335	5510	5554
						5665	5478	5451	5463	5539
						5323	5610	5453	5327	5656
						5596	5640	5671	5389	5716
						5560	5267	5296	5537	5690
						5294	5607	5333	5663	5409
						5704	5680	5342	5298	5637
						5638	5691	5550	5572	5418
						5416	5501	5362	5312	5326
						5369	5520	5428	5555	5614
						5301	5581	5718	5392	5707
						5646	5383	5523	5545	5405
						5492	5304	5368	5518	5502
						5415	5365	5252	5437	5349
						5696	5309	5630	5709	5558
						5668	5499	5526	5600	5299
						5455	5373	5687	5297	5316
						5338	5505	5255	5360	5271
						5616	5477	5683	5576	5263
						5440	5686	5482	5567	5270
18	5530	9	1.0	333	1	5724	5571	5271	5671	5299
						5707	5500	5526	5626	5254
						5399	5494	5522	5677	5684
						5292	5337	5433	5471	5336
						5712	5529	5663	5560	5459
						5536	5443	5666	5416	5411
						5361	5258	5641	5368	5668

						5330	5340	5542	5250	5469
						5366	5449	5311	5638	5672
						5257	5468	5594	5568	5283
						5260	5681	5467	5464	5498
						5689	5484	5410	5350	5328
						5458	5566	5676	5376	5656
						5491	5353	5478	5616	5310
						5644	5398	5720	5442	5436
						5625	5322	5553	5383	5502
						5613	5633	5629	5420	5581
						5359	5406	5266	5371	5675
						5721	5703	5537	5465	5627
						5369	5694	5407	5447	5316
19	5530	9	1.0	333	1	5504	5335	5682	5357	5519
						5371	5425	5601	5692	5478
						5563	5663	5535	5717	5698
						5297	5322	5402	5382	5625
						5479	5502	5653	5618	5636
						5448	5408	5264	5493	5477
						5313	5555	5256	5631	5656
						5397	5257	5261	5346	5341
						5654	5709	5363	5281	5291
						5721	5255	5310	5258	5470
						5269	5334	5349	5407	5314
						5446	5418	5688	5508	5455
						5562	5415	5355	5279	5629
						5404	5389	5412	5488	5383
						5550	5602	5337	5634	5620
						5417	5367	5365	5432	5547
						5561	5499	5430	5633	5568
						5558	5449	5410	5498	5701
						5431	5377	5679	5720	5592
						5434	5606	5472	5405	5648
20	5530	9	1.0	333	1	5284	5574	5618	5518	5361
						5413	5447	5676	5380	5307
						5494	5452	5576	5437	5719
						5288	5449	5408	5427	5342
						5487	5571	5691	5610	5609
						5714	5260	5467	5597	5511
						5444	5688	5371	5337	5476
						5536	5348	5532	5499	5255
						5493	5708	5601	5474	5360
						5685	5271	5329	5363	5620
						5346	5445	5385	5438	5705

						5258	5634	5372	5403	5327
						5426	5594	5580	5300	5586
						5552	5350	5590	5351	5698
						5653	5434	5340	5483	5596
						5376	5388	5631	5495	5557
						5711	5624	5496	5625	5410
						5443	5275	5414	5364	5424
						5480	5646	5464	5262	5647
						5418	5261	5488	5575	5615
21	5530	9	1.0	333	1	5539	5338	5554	5582	5581
						5455	5372	5276	5543	5514
						5425	5617	5535	5265	5376
						5576	5511	5375	5534	5398
						5262	5632	5699	5602	5587
						5670	5701	5545	5494	5430
						5645	5586	5489	5674	5675
						5536	5328	5274	5644	5332
						5413	5714	5357	5517	5251
						5412	5416	5410	5600	5524
						5436	5527	5528	5580	5347
						5326	5593	5397	5723	5270
						5720	5418	5378	5393	5523
						5387	5530	5448	5615	5316
						5671	5440	5475	5335	5683
						5508	5299	5476	5334	5555
						5371	5400	5687	5493	5345
						5439	5349	5406	5370	5282
						5415	5519	5719	5286	5486
						5680	5346	5279	5702	5402
22	5530	9	1.0	333	1	5319	5577	5490	5268	5423
						5497	5394	5351	5706	5721
						5259	5602	5658	5255	5286
						5464	5703	5614	5420	5251
						5406	5331	5573	5691	5555
						5536	5301	5330	5579	5704
						5263	5494	5717	5627	5599
						5427	5655	5496	5477	5382
						5451	5446	5495	5332	5469
						5297	5476	5700	5487	5713
						5524	5535	5280	5308	5343
						5271	5377	5532	5287	5250
						5679	5339	5472	5265	5340
						5418	5485	5657	5443	5656
						5294	5652	5628	5345	5457

						5586	5665	5467	5372	5540
						5439	5666	5369	5562	5722
						5292	5442	5492	5617	5606
						5585	5393	5282	5483	5629
						5349	5306	5633	5690	5334
23	5530	9	1.0	333	1	5477	5341	5426	5429	5643
						5636	5319	5297	5453	5665
						5391	5699	5450	5307	5552
						5355	5717	5465	5443	5414
						5497	5514	5305	5528	5281
						5388	5504	5434	5613	5578
						5683	5559	5444	5415	5692
						5381	5718	5492	5580	5569
						5582	5579	5318	5622	5448
						5375	5686	5293	5522	5562
						5352	5401	5538	5327	5371
						5626	5709	5498	5637	5506
						5697	5707	5557	5602	5285
						5340	5421	5362	5572	5610
						5696	5543	5408	5427	5253
						5524	5273	5488	5438	5363
						5678	5631	5435	5390	5260
						5342	5508	5279	5590	5420
						5262	5616	5651	5694	5410
						5337	5467	5527	5328	5409
24	5530	9	1.0	333	1	5257	5580	5362	5590	5485
						5678	5341	5501	5460	5282
						5499	5655	5265	5645	5328
						5543	5385	5345	5510	5325
						5566	5552	5297	5644	5337
						5707	5635	5647	5717	5669
						5516	5659	5664	5512	5520
						5334	5288	5355	5483	5421
						5662	5256	5387	5445	5682
						5569	5661	5351	5478	5449
						5606	5577	5589	5416	5375
						5315	5339	5663	5688	5456
						5652	5486	5428	5706	5638
						5370	5398	5307	5502	5251
						5546	5403	5687	5493	5296
						5534	5419	5615	5313	5320
						5498	5720	5447	5392	5374
						5555	5691	5306	5601	5588
						5427	5451	5425	5685	5651

						5308	5283	5701	5410	5404
25	5530	9	1.0	333	1	5512	5441	5298	5276	5705
						5720	5363	5576	5623	5489
						5430	5444	5403	5365	5349
						5631	5351	5458	5449	5333
						5257	5493	5386	5474	5435
						5664	5264	5681	5284	5558
						5473	5399	5341	5710	5562
						5425	5559	5508	5494	5260
						5367	5669	5627	5442	5611
						5549	5269	5409	5531	5714
						5482	5278	5640	5505	5673
						5637	5527	5617	5306	5653
						5659	5289	5552	5694	5318
						5274	5364	5319	5337	5614
						5297	5302	5323	5712	5581
						5379	5646	5416	5677	5400
						5392	5326	5445	5484	5658
						5384	5272	5452	5566	5423
						5464	5280	5471	5607	5622
						5630	5340	5447	5532	5615
26	5530	9	1.0	333	1	5292	5680	5709	5437	5547
						5287	5288	5651	5311	5696
						5361	5330	5444	5463	5370
						5719	5639	5454	5503	5641
						5341	5423	5434	5378	5447
						5323	5516	5638	5368	5715
						5326	5430	5517	5590	5530
						5701	5452	5661	5408	5671
						5450	5607	5295	5439	5443
						5529	5352	5584	5601	5358
						5691	5496	5581	5571	5472
						5533	5321	5717	5625	5652
						5695	5662	5268	5373	5349
						5567	5483	5395	5698	5649
						5258	5605	5334	5536	5723
						5381	5436	5551	5721	5467
						5623	5606	5415	5388	5379
						5712	5478	5636	5613	5656
						5512	5449	5558	5502	5546
						5718	5572	5498	5707	5509
27	5530	9	1.0	333	1	5450	5444	5645	5598	5292
						5426	5310	5251	5377	5525
						5670	5594	5485	5658	5391

						5332	5291	5557	5548	5358
						5252	5492	5472	5467	5420
						5589	5465	5269	5274	5433
						5387	5257	5267	5350	5365
						5704	5723	5339	5322	5510
						5533	5545	5535	5372	5509
						5435	5428	5637	5709	5630
						5305	5697	5686	5504	5407
						5584	5457	5478	5641	5388
						5692	5409	5656	5459	5286
						5564	5684	5652	5657	5681
						5362	5324	5546	5482	5715
						5309	5378	5662	5526	5475
						5256	5430	5676	5326	5619
						5593	5297	5461	5575	5500
						5691	5346	5392	5496	5255
						5360	5460	5338	5333	5385
28	5530	9	1.0	333	1	5705	5683	5581	5284	5609
						5468	5710	5326	5540	5257
						5601	5383	5526	5378	5412
						5323	5418	5660	5593	5550
						5260	5658	5413	5459	5393
						5477	5317	5472	5673	5308
						5507	5322	5344	5516	5548
						5504	5320	5519	5589	5711
						5349	5616	5483	5300	5530
						5301	5489	5518	5486	5690
						5278	5488	5331	5318	5394
						5520	5372	5382	5401	5475
						5579	5572	5529	5289	5684
						5686	5641	5348	5391	5254
						5564	5636	5292	5277	5506
						5685	5523	5650	5437	5343
						5576	5559	5263	5404	5387
						5438	5570	5696	5384	5258
						5496	5491	5625	5627	5654
						5592	5612	5449	5590	5591
29	5530	9	1.0	333	1	5485	5447	5517	5348	5354
						5510	5257	5401	5703	5464
						5532	5647	5567	5573	5433
						5411	5448	5288	5541	5267
						5268	5252	5548	5366	5365
						5266	5675	5302	5342	5549
						5308	5301	5687	5668	5368

						5546	5315	5722	5663	5321
						5421	5443	5527	5608	5469
						5601	5543	5364	5507	5369
						5483	5343	5694	5707	5336
						5591	5307	5446	5708	5262
						5571	5693	5702	5630	5412
						5590	5384	5698	5621	5367
						5330	5278	5280	5355	5661
						5482	5619	5324	5580	5353
						5669	5519	5568	5275	5674
						5429	5326	5498	5665	5564
						5338	5506	5656	5253	5536
						5679	5609	5667	5565	5487
30	5530	9	1.0	333	1	5265	5686	5453	5509	5671
						5552	5657	5476	5391	5293
						5366	5436	5608	5454	5499
						5575	5294	5586	5459	5654
						5418	5392	5637	5339	5631
						5593	5403	5406	5376	5688
						5672	5258	5330	5442	5566
						5685	5502	5683	5420	5636
						5404	5359	5524	5537	5449
						5684	5505	5321	5430	5715
						5669	5641	5638	5290	5306
						5601	5320	5362	5427	5516
						5525	5528	5576	5710	5539
						5323	5433	5416	5645	5402
						5264	5380	5679	5441	5491
						5444	5723	5605	5304	5300
						5635	5595	5272	5394	5332
						5643	5461	5382	5529	5389
						5514	5346	5259	5598	5691
						5722	5549	5385	5365	5655

5570 MHz, 80+80 MHz Bandwidth**Table-1A/1B Radar Type 1A/1B Statistical Performance**

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	1	538	99	1
2	1	638	83	1
3	1	938	57	0
4	1	518	102	1
5	1	798	67	1
6	1	878	61	1
7	1	558	95	1
8	1	898	59	1
9	1	658	81	1
10	1	758	70	1
11	1	698	76	1
12	1	3066	18	1
13	1	818	65	1
14	1	778	68	1
15	1	678	78	1
16	1	2600	21	1
17	1	2906	19	1
18	1	2835	19	1
19	1	2920	19	1
20	1	1270	42	1
21	1	899	59	1
22	1	2336	23	1
23	1	1414	38	1
24	1	1887	28	1
25	1	663	80	1
26	1	2592	21	1
27	1	3009	18	1
28	1	3002	18	1
29	1	1914	28	1
30	1	629	84	0
Detection Percentage: 93.33 % (>60%)				

Table-2 Radar Type 2 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	2.2	199	24	1
2	3.1	172	23	0
3	4.2	221	26	1
4	4.7	219	28	1
5	1.2	152	27	1
6	1.4	230	26	1
7	3.4	168	25	1
8	2.6	197	29	1
9	3.7	223	23	1
10	4.5	177	27	1
11	4.3	228	23	1
12	1.6	207	24	0
13	2.2	170	25	1
14	1.7	162	29	1
15	4.4	191	27	1
16	2.3	181	27	1
17	3.5	204	24	1
18	2.6	203	27	0
19	3	214	27	1
20	1.7	165	27	1
21	3.7	190	29	1
22	4.9	184	23	1
23	1.1	215	24	1
24	2.8	193	25	0
25	2.4	211	28	1
26	2.6	155	24	1
27	3.3	186	28	1
28	3.9	153	25	1
29	1.8	173	28	1
30	1.5	161	29	1
Detection Percentage: 86.66 % (>60%)				

Table-3 Radar Type 3 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	8.1	425	16	1
2	6	271	16	1
3	7	467	17	1
4	9	416	18	1
5	8.5	387	17	0
6	6.9	203	17	0
7	8.6	386	17	1
8	6.8	209	18	1
9	9.6	369	16	1
10	8.4	216	17	1
11	8.2	392	16	1
12	6.5	214	16	1
13	7.1	257	16	1
14	6.8	358	18	1
15	9.8	292	18	0
16	7.1	363	17	1
17	8.1	432	16	0
18	7.6	277	17	1
19	8.5	349	18	1
20	6.8	405	18	1
21	9.3	223	18	1
22	7.4	395	16	1
23	6	453	16	1
24	8.3	342	17	1
25	8.5	301	18	0
26	7.4	318	16	1
27	9.4	423	18	1
28	6.4	362	16	1
29	9.1	339	18	1
30	7.7	225	18	1
Detection Percentage: 83.33 % (>60%)				

Table-4 Radar Type 4 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	14.3	289	13	1
2	11.7	350	12	1
3	18.8	250	14	1
4	17.7	266	15	1
5	16.4	271	15	0
6	12.4	430	14	1
7	18.4	333	13	0
8	14.8	226	16	1
9	17.2	310	12	1
10	13.1	355	15	1
11	17.6	259	12	1
12	19.6	478	13	1
13	19.8	356	13	0
14	16.5	359	16	1
15	11.9	273	15	0
16	19.6	247	15	1
17	13.6	302	13	0
18	17.8	437	15	1
19	19.5	229	15	1
20	13.6	493	15	1
21	13.6	324	16	1
22	13.2	207	12	1
23	11	298	12	1
24	14.3	334	13	1
25	13.7	391	15	1
26	12.9	330	12	1
27	17.1	399	15	1
28	12.6	335	13	1
29	11	369	16	1
30	18.8	499	16	1
Detection Percentage: 83.33 % (>60%)				

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (GHz)	Detection (1:yes; 0:no)
1	5.57	1
2	5.57	1
3	5.57	1
4	5.57	1
5	5.57	1
6	5.57	1
7	5.57	1
8	5.57	1
9	5.57	1
10	5.57	1
11	5.57	1
12	5.57	1
13	5.57	1
14	5.57	1
15	5.57	1
16	5.57	1
17	5.57	1
18	5.57	1
19	5.57	1
20	5.57	1
21	5.57	1
22	5.57	1
23	5.57	1
24	5.57	1
25	5.57	1
26	5.57	1
27	5.57	1
28	5.57	1
29	5.57	1
30	5.57	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	486440	70.5	11	1	1093	-	-	1
1	750814	90.8	11	1	1006	-	-	1
2	1013422	66.2	11	2	1680	1182	-	1
3	188837	60.2	11	3	1740	1936	1617	1
4	453186	58.1	11	2	1606	1158	-	1
5	716994	83.7	11	2	1528	1391	-	1
6	980839	99.2	11	2	1039	1910	-	1
7	156494	63.6	11	3	1841	1776	1056	1
8	421333	58.2	11	1	1071	-	-	1
9	685020	78.1	11	2	1053	1024	-	1
10	949975	64.6	11	1	1069	-	-	1

Bin5 Statistics 2

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	152115	56.9	5	1	1271	-	-	1
1	475088	67.5	5	1	1535	-	-	1
2	796642	80.3	5	3	1415	1119	1420	1
3	1119022	76.3	5	3	1096	1177	1724	1
4	112210	67.7	5	2	1050	1531	-	1
5	435388	93.9	5	1	1270	-	-	1
6	757472	65.3	5	2	1700	1298	-	1
7	1079277	93.4	5	3	1062	1954	1020	1
8	72347	70.3	5	3	1659	1196	1720	1

Bin5 Statistics 3

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	252979	66.2	18	3	1879	1708	1714	1
1	461358	90.2	18	1	2000	-	-	1
2	669298	92.5	18	1	1308	-	-	1
3	20988	57.6	18	2	1969	1038	-	1
4	227600	83.6	18	3	1883	1243	1916	1
5	436261	59.8	18	1	1118	-	-	1
6	641207	87.1	18	3	1481	1816	1366	1
7	851207	75.3	18	1	1399	-	-	1
8	202216	87.5	18	3	1330	1813	1593	1
9	408840	64	18	3	1561	1764	1644	1
10	617010	64	18	2	1010	1895	-	1
11	822461	53.9	18	3	1556	1629	1511	1
12	176688	65.9	18	3	1946	1996	1099	1
13	384767	65.2	18	1	1889	-	-	1

Bin5 Statistics 4

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	458472	63.4	19	3	1007	1652	1877	1
1	619469	95.4	19	3	1335	1147	1616	1
2	117440	66.1	19	3	1812	1789	1360	1
3	279525	64.2	19	1	1152	-	-	1
4	439976	91.7	19	2	1382	1215	-	1
5	600671	83.8	19	2	1187	1810	-	1
6	98119	64.6	19	1	1934	-	-	1
7	258229	79.4	19	3	1709	1334	1734	1
8	419299	51.9	19	3	1394	1429	1098	1
9	581271	72.8	19	2	1434	1076	-	1
10	78143	73.4	19	2	1120	1815	-	1
11	238574	85.6	19	3	1372	1799	1276	1
12	399641	62.1	19	3	1297	1035	1356	1
13	561330	97.6	19	2	1160	1468	-	1
14	58465	79.9	19	1	1219	-	-	1
15	219084	86.5	19	2	1785	1773	-	1
16	380289	81.1	19	2	1486	1409	-	1
17	542264	56.8	19	1	1682	-	-	1

Bin5 Statistics 5

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	43319	75.6	10	2	1825	1085	-	1
1	224107	53.9	10	3	1624	1579	1055	1
2	405815	65.4	10	2	1612	1095	-	1
3	588110	80.4	10	1	1367	-	-	1
4	20945	98.3	10	3	1748	1580	1554	1
5	202522	58.6	10	1	1696	-	-	1
6	382521	76.6	10	3	1512	1280	1803	1
7	564266	98.3	10	2	1654	1670	-	1
8	745989	96.6	10	2	1563	1129	-	1
9	180253	73.8	10	1	1338	-	-	1
10	361781	76.1	10	1	1433	-	-	1
11	543042	94.2	10	1	1833	-	-	1
12	724428	64.1	10	1	1903	-	-	1
13	157807	60.7	10	1	1719	-	-	1
14	338741	91.1	10	2	1699	1228	-	1
15	521190	52.3	10	1	1115	-	-	1

Bin5 Statistics 6

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	862585	66.8	7	3	1369	1214	1370	1
1	166207	80.9	7	3	1944	1305	1649	1
2	388825	51.5	7	3	1730	1536	1795	1
3	613514	79.6	7	1	1997	-	-	1
4	837205	73.7	7	1	1666	-	-	1
5	139297	59.5	7	1	1455	-	-	1
6	362036	55.7	7	2	1610	1835	-	1
7	584992	86.8	7	3	1163	1222	1192	1
8	807985	88.2	7	2	1984	1609	-	1
9	111496	69.7	7	3	1176	1249	1245	1
10	334216	84.2	7	3	1437	1133	1829	1
11	558630	98.1	7	1	1750	-	-	1
12	780906	97.7	7	2	1728	1406	-	1

Bin5 Statistics 7

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	91246	89.6	11	1	1631	-	-	1
1	333380	95.5	11	1	1637	-	-	1
2	574238	51	11	2	1865	1985	-	1
3	816781	82.9	11	2	1326	1371	-	1
4	61334	57.2	11	2	1568	1465	-	1
5	303170	78.3	11	2	1885	1016	-	1
6	545777	61.9	11	1	1476	-	-	1
7	786848	99.8	11	2	1068	1805	-	1
8	31530	83.1	11	3	1259	1387	1014	1
9	273096	97.1	11	3	1273	1664	1008	1
10	514459	57.5	11	3	1400	1293	1662	1
11	758162	87.6	11	1	1421	-	-	1

Bin5 Statistics 8

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1061	93.4	6	1	1169	-	-	1
1	145550	87.3	6	3	1729	1264	1232	1
2	291518	90.8	6	1	1198	-	-	1
3	434568	53.2	6	3	1051	1774	1359	1
4	580106	57.7	6	2	1209	1911	-	1
5	128443	58.7	6	1	1001	-	-	1
6	273530	62.7	6	1	1414	-	-	1
7	418456	94.6	6	1	1771	-	-	1
8	562431	59.8	6	2	1355	1599	-	1
9	110106	80.7	6	2	1823	1574	-	1
10	255011	99	6	2	1594	1311	-	1
11	399702	84.9	6	2	1454	1636	-	1
12	545722	51.5	6	1	1718	-	-	1
13	92509	83.1	6	1	1933	-	-	1
14	237917	66.1	6	1	1033	-	-	1
15	382570	98.3	6	1	1995	-	-	1
16	526451	78.6	6	2	1549	1754	-	1
17	74462	92.3	6	3	1244	1123	1015	1
18	219704	78.6	6	1	1902	-	-	1
19	365020	74.4	6	1	1478	-	-	1

Bin5 Statistics 9

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1132874	78.6	11	3	1347	1282	1665	1
1	126092	50.6	11	3	1849	1926	1316	1
2	449325	57	11	1	1853	-	-	1
3	770608	78.4	11	3	1597	1135	1955	1
4	1093653	75.1	11	2	1870	1836	-	1
5	86377	61.3	11	3	1852	1896	1878	1
6	408813	56.8	11	3	1261	1519	1463	1
7	730729	82.4	11	3	1258	1987	1780	1
8	1054210	79.1	11	2	1499	1856	-	1

Bin5 Statistics 10

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	26190	52.5	15	3	1837	1923	1860	1
1	207948	83.8	15	1	1217	-	-	1
2	389246	83.8	15	1	1804	-	-	1
3	570824	94.1	15	1	1650	-	-	1
4	3976	92	15	1	1109	-	-	1
5	185391	80.3	15	1	1972	-	-	1
6	367090	72.2	15	1	1405	-	-	1
7	548357	64.9	15	1	1802	-	-	1
8	730333	83.5	15	1	1274	-	-	1
9	162549	80.4	15	3	1801	1289	1155	1
10	343857	61	15	2	1691	1602	-	1
11	524100	71.5	15	3	1339	1328	1844	1
12	704097	53.4	15	3	1758	1675	1932	1
13	140694	87.9	15	1	1992	-	-	1
14	320860	58.8	15	3	1019	1991	1884	1
15	502117	96.5	15	3	1604	1345	1134	1

Bin5 Statistics 11

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1368628	66.1	19	3	1544	1822	1986	1
1	237138	81.4	19	1	1186	-	-	1
2	600560	74.2	19	1	1404	-	-	1
3	964142	62.2	19	1	1210	-	-	1
4	1324440	63.7	19	3	1701	1211	1917	1
5	192287	71.1	19	1	1769	-	-	1
6	555892	90.8	19	1	1131	-	-	1
7	917130	68.5	19	3	1572	1752	1532	1

Bin5 Statistics 12

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	930524	83.2	19	2	1875	1894	-	1
1	107254	59	19	1	1684	-	-	1
2	371362	92.8	19	1	1872	-	-	1
3	635227	80.3	19	2	1255	1063	-	1
4	900256	62.4	19	1	1094	-	-	1
5	74716	78.2	19	1	1660	-	-	1
6	338418	96.5	19	2	1912	1275	-	1
7	602355	51.8	19	2	1048	1904	-	1
8	867141	80.4	19	1	1794	-	-	1
9	42104	65.5	19	2	1508	1998	-	1
10	305399	57.3	19	3	1607	1470	1976	1

Bin5 Statistics 13

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	522985	96.9	17	1	1523	-	-	1
1	764229	65.2	17	2	1505	1216	-	1
2	8818	90.9	17	2	1385	1715	-	1
3	250943	59.5	17	1	1725	-	-	1
4	492163	52.7	17	3	1242	1247	1044	1
5	733434	93.9	17	3	1731	1310	1042	1
6	977074	83.3	17	1	1938	-	-	1
7	220867	95.2	17	2	1254	1614	-	1
8	462342	61.9	17	3	1083	1277	1287	1
9	703425	67.6	17	3	1467	1576	1403	1
10	947334	52.8	17	1	1857	-	-	1
11	190890	75.2	17	3	1647	1003	1205	1

Bin5 Statistics 14

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	258972	62.7	20	3	1197	1122	1191	1
1	404289	98.2	20	2	1497	1054	-	1
2	550191	81.9	20	1	1461	-	-	1
3	96350	59	20	3	1126	1550	1667	1
4	240777	79.9	20	3	1840	1571	1028	1
5	386330	82.7	20	2	1548	1174	-	1
6	529921	70.2	20	3	1066	1957	1124	1
7	78524	65.3	20	3	1673	1442	1466	1
8	223186	81.4	20	2	1981	1920	-	1
9	369438	93.1	20	1	1179	-	-	1
10	512782	65.3	20	2	1530	1847	-	1
11	60924	60.8	20	2	1046	1692	-	1
12	205153	83	20	3	1462	1716	1376	1
13	351382	87.6	20	1	1464	-	-	1
14	493434	91.9	20	3	1753	1897	1565	1
15	42939	52.5	20	3	1843	1438	1430	1
16	187239	55.3	20	3	1838	1354	1761	1
17	333587	83.9	20	1	1309	-	-	1
18	476139	59.1	20	3	1613	1626	1383	1
19	25233	91.2	20	2	1168	1690	-	1

Bin5 Statistics 15

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	212851	88	13	2	1208	1390	-	1
1	393753	80.6	13	2	1340	1953	-	1
2	575681	62	13	2	1132	1086	-	1
3	9249	81.3	13	2	1713	1315	-	1
4	190531	75.2	13	2	1348	1218	-	1
5	370801	71.9	13	3	1577	1029	1983	1
6	553798	71.4	13	1	1601	-	-	1
7	735361	68.3	13	1	1547	-	-	1
8	167689	80.5	13	3	1743	1596	1507	1
9	348460	76	13	3	1435	1901	1408	1
10	531198	78.9	13	1	1941	-	-	1
11	709967	50.8	13	3	1061	1798	1874	1
12	146098	80.3	13	1	1412	-	-	1
13	326917	83.8	13	2	1557	1541	-	1
14	508884	80	13	1	1892	-	-	1
15	690635	82.2	13	1	1555	-	-	1

Bin5 Statistics 16

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	123137	80.5	13	3	1937	1643	1446	1
1	304661	69.1	13	2	1707	1250	-	1
2	484910	66.5	13	3	1648	1302	1440	1
3	667912	69.2	13	1	1962	-	-	1
4	101112	60.1	13	2	1772	1558	-	1
5	281783	50.1	13	3	1543	1552	1346	1
6	464637	75.9	13	1	1165	-	-	1
7	645986	53.8	13	1	1474	-	-	1
8	78978	100	13	1	1695	-	-	1
9	260460	80.1	13	1	1711	-	-	1
10	441886	76.5	13	1	1808	-	-	1
11	621636	65.2	13	3	1097	1723	1040	1
12	56674	52	13	1	1017	-	-	1
13	238238	80.8	13	1	1294	-	-	1
14	418990	89.8	13	2	1448	1331	-	1
15	600085	78	13	2	1451	1489	-	1

Bin5 Statistics 17

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	49768	58.5	10	3	1088	1960	1070	1
1	313400	61.7	10	3	1417	1137	1386	1
2	577525	87.3	10	2	1747	1251	-	1
3	840777	82.2	10	2	1909	1866	-	1
4	17290	86.2	10	3	1914	1184	1681	1
5	280636	50.6	10	3	1361	1765	1943	1
6	545125	83.8	10	2	1687	1110	-	1
7	808024	58	10	3	1591	1502	1052	1
8	1073741	61.2	10	1	1973	-	-	1
9	248764	51.9	10	2	1139	1450	-	1
10	513164	84.9	10	1	1638	-	-	1

Bin5 Statistics 18

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	568010	55.3	13	3	1023	1882	1161	1
1	760557	64.1	13	3	1615	1625	1341	1
2	158448	64.4	13	2	1419	1166	-	1
3	352460	80.6	13	1	1195	-	-	1
4	544412	99.2	13	2	1975	1828	-	1
5	736770	57.5	13	3	1479	1676	1452	1
6	134674	59.7	13	2	1108	1194	-	1
7	328658	72	13	1	1045	-	-	1
8	521137	86.2	13	2	1484	1538	-	1
9	714410	67.4	13	2	1587	1456	-	1
10	110781	90	13	2	1422	1325	-	1
11	304582	81	13	1	1589	-	-	1
12	497473	87.8	13	2	1378	1411	-	1
13	692283	54.6	13	1	1103	-	-	1
14	87052	58.1	13	1	1940	-	-	1

Bin5 Statistics 19

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	246998	81.3	18	2	1459	1948	-	1
1	418206	95.2	18	1	2000	-	-	1
2	588624	95.4	18	2	1233	1121	-	1
3	55727	56.2	18	2	1154	1150	-	1
4	226781	66.2	18	1	1018	-	-	1
5	396985	99.7	18	2	1141	1201	-	1
6	568295	86.2	18	1	1501	-	-	1
7	34575	50.9	18	3	1831	1424	1745	1
8	205525	92.4	18	1	1698	-	-	1
9	375587	68.5	18	2	1792	1262	-	1
10	544600	96.6	18	3	1688	1777	1449	1
11	13631	97.8	18	3	1786	1832	1658	1
12	184628	96.1	18	1	1164	-	-	1
13	355497	79.9	18	1	1257	-	-	1
14	525981	85.4	18	1	1806	-	-	1
15	693735	58.5	18	3	1234	1628	1982	1
16	163566	57.9	18	1	1203	-	-	1

Bin5 Statistics 20

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	334114	58.2	14	1	1959	-	-	1
1	503188	65.3	14	3	1090	1224	1945	1
2	674732	70.5	14	2	1634	1189	-	1
3	142096	89.7	14	2	1457	1814	-	1
4	312731	85.6	14	2	1074	1679	-	1
5	483926	99.5	14	1	1787	-	-	1
6	652020	77.3	14	3	1037	1635	1988	1
7	121479	57.6	14	1	1102	-	-	1
8	291801	92.3	14	2	1337	1236	-	1
9	462916	58.7	14	1	1751	-	-	1
10	633952	53.6	14	1	1460	-	-	1
11	100364	60.6	14	1	1526	-	-	1
12	271249	68.5	14	1	1379	-	-	1
13	441241	80.7	14	2	1756	1013	-	1
14	610909	99.5	14	3	1034	1159	1564	1
15	79362	77.6	14	1	1173	-	-	1
16	249458	78	14	2	1710	1767	-	1

Bin5 Statistics 21

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	357088	69.3	12	2	1140	1402	-	1
1	502596	88.6	12	1	1821	-	-	1
2	49505	62.6	12	1	1693	-	-	1
3	193562	55	12	3	1491	1737	1697	1
4	339794	85.7	12	1	1566	-	-	1
5	483731	85.2	12	2	1487	1562	-	1
6	31549	69.2	12	2	1490	1760	-	1
7	176843	63.2	12	1	1342	-	-	1
8	322118	72	12	1	1190	-	-	1
9	465577	62	12	2	1868	1592	-	1
10	13726	52.6	12	2	1951	1072	-	1
11	158872	59.8	12	1	1668	-	-	1
12	303765	63.7	12	2	1027	1077	-	1
13	449377	92.2	12	1	1299	-	-	1
14	594731	50.8	12	1	1148	-	-	1
15	140767	58.8	12	2	1473	1171	-	1
16	285242	82	12	2	1952	1534	-	1
17	431171	72.8	12	1	1744	-	-	1
18	573379	72.5	12	3	1603	1645	1494	1
19	122424	84.1	12	3	1573	1560	1928	1

Bin5 Statistics 22

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	595643	68.5	17	3	1733	1265	1686	1
1	917917	95.8	17	3	1381	1858	1395	1
2	1242755	95.7	17	1	1863	-	-	1
3	233751	68	17	3	1793	1475	1188	1
4	557314	98.7	17	1	1426	-	-	1
5	879408	74	17	2	1685	1156	-	1
6	1202060	91	17	2	1373	1506	-	1
7	194430	82.6	17	1	1869	-	-	1
8	515904	90.4	17	3	1830	1915	1850	1

Bin5 Statistics 23

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	754523	73.8	13	3	1791	1392	1230	1
1	1047060	87.8	13	1	1471	-	-	1
2	139154	97.1	13	1	1974	-	-	1
3	429311	70.2	13	2	1138	1956	-	1
4	719604	68	13	2	1503	1582	-	1
5	1010630	60.5	13	2	1125	1087	-	1
6	103120	96.8	13	3	1128	1735	1931	1
7	393470	95.9	13	2	1766	1584	-	1
8	683819	52.9	13	2	1401	1732	-	1
9	973134	72.6	13	3	1796	1025	1496	1

Bin5 Statistics 24

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	56332	80.1	9	1	1279	-	-	1
1	298480	51.3	9	1	1522	-	-	1
2	540728	76.4	9	1	1365	-	-	1
3	781729	63.5	9	2	1542	1353	-	1
4	26420	87.5	9	3	1782	1288	1060	1
5	268617	74.7	9	1	1651	-	-	1
6	509658	97.9	9	3	1047	1578	1157	1
7	752753	78.6	9	1	1818	-	-	1
8	995439	66.6	9	1	1220	-	-	1
9	238068	52.8	9	3	1268	1839	1569	1
10	480033	51.7	9	2	1600	1898	-	1
11	721011	86.6	9	3	1480	1913	1078	1

Bin5 Statistics 25

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	642677	57.9	6	1	1908	-	-	1
1	138455	77	6	3	1736	1581	1873	1
2	299821	93.5	6	2	1212	1905	-	1
3	459688	59.5	6	3	1022	1817	1811	1
4	619928	73.6	6	3	1431	1966	1595	1
5	118874	93	6	3	1223	1246	1721	1
6	279957	94.6	6	2	1755	1458	-	1
7	441451	56.4	6	2	1041	1291	-	1
8	602447	61.7	6	2	1075	1396	-	1
9	99533	94.3	6	1	1180	-	-	1
10	260896	86.6	6	1	1278	-	-	1
11	420904	72.9	6	2	1513	1924	-	1
12	583063	98.3	6	1	1949	-	-	1
13	79585	74.2	6	1	1738	-	-	1
14	240395	55.5	6	2	1704	1295	-	1
15	401334	89.6	6	2	1722	1312	-	1
16	560749	95.7	6	3	1303	1622	1922	1
17	59625	81.7	6	2	1313	1495	-	1

Bin5 Statistics 26

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	398192	54	14	1	1876	-	-	1
1	689126	62.9	14	1	1267	-	-	1
2	979464	79	14	1	1746	-	-	1
3	71743	50.2	14	2	1170	1927	-	1
4	361750	92.4	14	3	1453	1091	1477	1
5	652311	82.8	14	2	1221	1886	-	1
6	942875	92.1	14	2	1445	1307	-	1
7	36036	82.3	14	1	1439	-	-	1
8	326176	58.2	14	2	1939	1515	-	1
9	616491	93.4	14	2	1967	1263	-	1

Bin5 Statistics 27

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	503257	50.8	13	2	1362	1080	-	1
1	128	95.4	13	2	1304	1350	-	1
2	161142	74.4	13	2	1611	1167	-	1
3	322194	79.8	13	2	1081	1618	-	1
4	483890	88.6	13	1	1788	-	-	1
5	645338	87.3	13	1	1588	-	-	1
6	141100	79.9	13	3	1057	1162	1539	1
7	302855	70	13	1	1608	-	-	1
8	463950	76.8	13	1	1899	-	-	1
9	622401	58.5	13	3	1677	1893	1281	1
10	121540	86.9	13	2	1225	1199	-	1
11	281644	53.8	13	3	1384	1500	1881	1
12	444098	51.2	13	1	1888	-	-	1
13	605696	96.6	13	1	1483	-	-	1
14	101897	60.9	13	1	1114	-	-	1
15	263114	85.8	13	1	1621	-	-	1
16	422977	64.7	13	3	1011	1364	1488	1
17	583035	53.5	13	3	1284	1661	1705	1

Bin5 Statistics 28

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	134253	65.3	16	1	1425	-	-	1
1	398138	63.3	16	2	1153	1227	-	1
2	660486	69.1	16	3	1947	1266	1887	1
3	926842	58.2	16	1	1559	-	-	1
4	101745	83	16	1	1002	-	-	1
5	365460	84.9	16	2	1436	1416	-	1
6	629173	98.8	16	2	1757	1398	-	1
7	892963	88.9	16	2	1763	1423	-	1
8	69001	57.5	16	3	1012	1851	1026	1
9	332383	57.7	16	3	1551	1820	1351	1
10	597685	84.7	16	1	1318	-	-	1

Bin5 Statistics 29

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	524216	60.6	15	3	1510	1443	1049	1
1	22362	67.4	15	1	1202	-	-	1
2	182965	91.4	15	3	1146	1104	1824	1
3	344079	84.8	15	2	1807	1469	-	1
4	504179	51.2	15	3	1529	1100	1689	1
5	2469	55.6	15	3	1717	1183	1642	1
6	162953	66.3	15	3	1783	1657	1518	1
7	324572	69.9	15	2	1575	1064	-	1
8	483809	56.8	15	3	1950	1525	1639	1
9	648014	84.3	15	1	1256	-	-	1
10	143235	60.9	15	3	1694	1781	1252	1
11	305265	94.4	15	1	1482	-	-	1
12	466754	85.6	15	1	1253	-	-	1
13	626779	62.8	15	2	1493	1200	-	1
14	123974	87.1	15	1	1970	-	-	1
15	285236	94.8	15	1	1848	-	-	1
16	446840	50.2	15	1	1306	-	-	1
17	604555	61.6	15	3	1819	1759	1727	1

Bin5 Statistics 30

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	98178	82.5	12	3	1891	1127	1775	1
1	251437	89.3	12	1	1678	-	-	1
2	403816	56.5	12	2	1004	1285	-	1
3	555611	68	12	2	1862	1363	-	1
4	79649	88.5	12	2	1377	1871	-	1
5	232858	66.9	12	1	1031	-	-	1
6	383938	95	12	3	1703	1206	1142	1
7	535446	74.2	12	3	1958	1344	1553	1
8	61007	92.6	12	1	1921	-	-	1
9	213418	62.4	12	2	1472	1336	-	1
10	364714	89.5	12	3	1842	1854	1175	1
11	516700	81	12	3	1971	1239	1674	1
12	42019	99.8	12	3	1867	1079	1620	1
13	194521	79.7	12	2	1778	1393	-	1
14	346381	72.1	12	3	1323	1671	1172	1
15	500873	85.4	12	1	1240	-	-	1
16	23328	66.1	12	2	1961	1520	-	1
17	175764	91.1	12	2	1906	1207	-	1
18	326821	95.6	12	3	1809	1989	1930	1

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	5570	9	1.0	333	1	5690	5660	5595	5583	5397
						5317	5699	5678	5323	5419
						5440	5701	5284	5647	5349
						5560	5374	5332	5388	5278
						5670	5452	5532	5651	5410
						5698	5520	5593	5540	5681
						5280	5270	5512	5548	5594
						5633	5632	5644	5523	5282
						5619	5688	5347	5703	5302
						5350	5719	5301	5565	5527
						5531	5712	5362	5555	5279
						5441	5526	5335	5508	5507
						5262	5439	5461	5400	5538
						5653	5455	5534	5453	5384
						5707	5487	5435	5295	5358
						5598	5623	5542	5322	5404
						5474	5283	5497	5528	5386
						5473	5700	5657	5429	5481
						5430	5380	5662	5313	5588
						5614	5666	5585	5637	5344
2	5570	9	1.0	333	1	5357	5450	5723	5664	5278
						5597	5449	5373	5684	5274
						5515	5634	5594	5543	5341
						5614	5451	5367	5577	5492
						5353	5259	5696	5356	5620
						5656	5345	5429	5615	5471
						5539	5435	5609	5689	5528
						5595	5419	5319	5394	5488
						5271	5628	5629	5486	5439
						5598	5267	5447	5638	5704
						5650	5677	5591	5602	5514
						5348	5576	5714	5391	5444
						5599	5270	5483	5560	5460
						5330	5372	5630	5362	5445
						5382	5320	5339	5547	5452
						5264	5369	5261	5623	5516
						5258	5643	5569	5257	5522
						5430	5366	5527	5275	5297
						5711	5416	5276	5359	5476

						5459	5335	5509	5518	5607
3	5570	9	1.0	333	1	5612	5689	5659	5350	5595
						5639	5374	5448	5372	5481
						5349	5423	5635	5263	5362
						5702	5578	5470	5525	5684
						5361	5425	5637	5445	5593
						5544	5672	5632	5341	5505
						5581	5324	5566	5429	5680
						5415	5558	5410	5665	5660
						5564	5334	5424	5679	5671
						5427	5721	5287	5703	5467
						5303	5565	5437	5302	5561
						5482	5301	5314	5357	5625
						5456	5308	5294	5394	5418
						5530	5609	5274	5619	5438
						5560	5588	5723	5695	5592
						5636	5304	5624	5461	5582
						5513	5686	5493	5363	5722
						5653	5614	5296	5443	5457
						5370	5524	5557	5641	5465
						5369	5299	5618	5535	5662
4	5570	9	1.0	333	1	5392	5453	5595	5511	5340
						5303	5396	5523	5535	5310
						5280	5687	5676	5458	5383
						5693	5608	5573	5570	5401
						5369	5591	5675	5437	5566
						5335	5621	5360	5445	5539
						5720	5688	5644	5454	5613
						5600	5501	5461	5416	5671
						5403	5417	5362	5347	5592
						5503	5407	5426	5723	5281
						5354	5343	5479	5519	5623
						5505	5670	5255	5286	5328
						5721	5315	5317	5379	5351
						5495	5404	5552	5313	5424
						5563	5699	5654	5561	5447
						5605	5616	5692	5294	5375
						5653	5442	5456	5259	5635
						5325	5421	5297	5377	5331
						5471	5306	5656	5252	5649
						5717	5664	5274	5553	5449
5	5570	9	1.0	333	1	5550	5692	5531	5672	5657
						5345	5321	5501	5698	5517
						5589	5573	5717	5653	5404

						5306	5260	5579	5615	5593
						5377	5660	5616	5526	5539
						5473	5563	5549	5287	5674
						5480	5384	5606	5433	5264
						5689	5257	5569	5585	5500
						5300	5587	5432	5290	5509
						5334	5619	5694	5655	5570
						5712	5423	5352	5383	5684
						5597	5580	5299	5375	5262
						5440	5680	5297	5318	5292
						5393	5572	5296	5355	5385
						5507	5663	5664	5675	5516
						5401	5590	5586	5327	5716
						5357	5259	5556	5395	5319
						5545	5575	5496	5477	5340
						5441	5666	5648	5647	5532
						5552	5582	5413	5530	5418
6	5570	9	1.0	333	1	5330	5456	5467	5261	5402
						5387	5343	5576	5289	5724
						5520	5362	5283	5373	5425
						5394	5682	5563	5310	5288
						5351	5557	5518	5512	5489
						5325	5669	5653	5607	5329
						5340	5502	5380	5253	5403
						5305	5625	5344	5499	5556
						5583	5713	5352	5683	5264
						5270	5592	5364	5290	5506
						5473	5356	5621	5326	5721
						5296	5571	5638	5312	5399
						5504	5645	5272	5718	5519
						5716	5429	5404	5566	5536
						5554	5493	5666	5513	5651
						5475	5424	5636	5567	5331
						5606	5304	5354	5454	5459
						5712	5282	5447	5633	5426
						5318	5395	5661	5580	5277
						5323	5632	5545	5414	5655
7	5570	9	1.0	333	1	5585	5695	5403	5422	5719
						5429	5268	5651	5452	5456
						5451	5626	5324	5471	5446
						5482	5514	5310	5608	5502
						5296	5420	5595	5607	5485
						5377	5274	5397	5379	5641
						5468	5549	5297	5717	5532

						5542	5396	5421	5497	5510
						5395	5288	5495	5680	5668
						5250	5675	5325	5343	5349
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						5266	5675	5302	5342	5549
						5308	5301	5687	5668	5368

						5546	5315	5722	5663	5321
						5421	5443	5527	5608	5469
						5601	5543	5364	5507	5369
						5483	5343	5694	5707	5336
						5591	5307	5446	5708	5262
						5571	5693	5702	5630	5412
						5590	5384	5698	5621	5367
						5330	5278	5280	5355	5661
						5482	5619	5324	5580	5353
						5669	5519	5568	5275	5674
						5429	5326	5498	5665	5564
						5338	5506	5656	5253	5536
						5679	5609	5667	5565	5487
30	5570	9	1.0	333	1	5265	5686	5453	5509	5671
						5552	5657	5476	5391	5293
						5366	5436	5608	5454	5499
						5575	5294	5586	5459	5654
						5418	5392	5637	5339	5631
						5593	5403	5406	5376	5688
						5672	5258	5330	5442	5566
						5685	5502	5683	5420	5636
						5404	5359	5524	5537	5449
						5684	5505	5321	5430	5715
						5669	5641	5638	5290	5306
						5601	5320	5362	5427	5516
						5525	5528	5576	5710	5539
						5323	5433	5416	5645	5402
						5264	5380	5679	5441	5491
						5444	5723	5605	5304	5300
						5635	5595	5272	5394	5332
						5643	5461	5382	5529	5389
						5514	5346	5259	5598	5691
						5722	5549	5385	5365	5655

5 GHz Primary 4x4 Radio + 5 GHz AUX Radio (P2MP Mode)**5500 MHz, 20 MHz Bandwidth****Table-1A/1B Radar Type 1A/1B Statistical Performance**

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	1	578	92	1
2	1	858	62	1
3	1	618	86	1
4	1	658	81	1
5	1	518	102	1
6	1	738	72	1
7	1	678	78	1
8	1	698	76	1
9	1	818	65	0
10	1	638	83	1
11	1	798	67	1
12	1	778	68	1
13	1	598	89	0
14	1	878	61	1
15	1	918	58	1
16	1	2304	23	1
17	1	1102	48	1
18	1	2066	26	1
19	1	822	65	1
20	1	657	81	1
21	1	1669	32	1
22	1	1808	30	0
23	1	1944	28	1
24	1	1242	43	1
25	1	2178	25	1
26	1	2037	26	1
27	1	1977	27	1
28	1	1712	31	1
29	1	1107	48	1
30	1	1203	44	1
Detection Percentage: 90 % (>60%)				

Table-2 Radar Type 2 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	4	192	24	1
2	1.1	150	23	1
3	2.7	190	26	1
4	4.9	165	28	1
5	4.1	197	27	0
6	5	153	26	1
7	3.3	180	25	0
8	2.8	182	29	1
9	3.6	205	23	0
10	3.8	157	27	1
11	2.7	209	23	1
12	4.9	227	24	1
13	2.7	171	25	1
14	3.3	152	29	1
15	3	204	27	0
16	3	188	27	1
17	1.3	154	24	0
18	1	170	27	1
19	2.2	189	27	1
20	1.7	226	27	1
21	1.3	175	29	1
22	2.8	202	23	0
23	4.1	222	24	0
24	3.5	168	25	1
25	4.6	176	28	1
26	4.4	163	24	1
27	2.9	159	28	1
28	3.3	179	25	0
29	2.5	195	28	1
30	1.8	187	29	1
Detection Percentage: 73.33 % (>60%)				

Table-3 Radar Type 3 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	8	246	16	1
2	9.2	486	16	0
3	6.6	295	17	1
4	8.8	256	18	1
5	8	413	17	0
6	7.2	264	17	1
7	8.3	429	17	1
8	7.3	215	18	1
9	7.5	401	16	0
10	9.4	243	17	1
11	7.9	384	16	1
12	7.3	265	16	1
13	8.2	487	16	1
14	8.7	406	18	1
15	7.2	292	18	1
16	8.2	497	17	1
17	9.8	345	16	1
18	8.9	378	17	1
19	7.6	258	18	0
20	8.1	325	18	1
21	8.4	476	18	1
22	6.7	386	16	1
23	6.5	338	16	1
24	10	443	17	1
25	9.1	283	18	0
26	9.1	360	16	0
27	7.9	209	18	1
28	6.2	347	16	1
29	9.7	339	18	0
30	6.4	278	18	1
Detection Percentage: 76.66 % (>60%)				

Table-4 Radar Type 4 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	15.5	420	13	1
2	14.6	371	12	1
3	13.2	263	14	1
4	11.8	468	15	1
5	16.3	470	15	1
6	13	279	14	1
7	16.9	352	13	0
8	12.2	439	16	1
9	15.4	222	12	0
10	12.5	291	15	1
11	11.2	460	12	1
12	17.4	374	13	1
13	13.5	290	13	1
14	15.2	259	16	1
15	15.5	215	15	0
16	14	225	15	1
17	16.3	237	13	0
18	12.4	455	15	1
19	12.2	450	15	1
20	18.5	304	15	1
21	17.5	377	16	1
22	12	442	12	1
23	18.6	458	12	1
24	18.6	423	13	1
25	18.5	358	15	1
26	18	361	12	1
27	14.7	271	15	0
28	18.5	256	13	1
29	12.9	216	16	1
30	12.5	342	16	0
Detection Percentage: 80 % (>60%)				

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (GHz)	Detection (1:yes; 0:no)
1	5.5	1
2	5.5	1
3	5.5	1
4	5.5	1
5	5.5	1
6	5.5	1
7	5.5	1
8	5.5	1
9	5.5	1
10	5.5	1
11	5.5	1
12	5.5	1
13	5.5	1
14	5.5	1
15	5.5	1
16	5.5	1
17	5.5	1
18	5.5	1
19	5.5	1
20	5.5	1
21	5.5	1
22	5.5	1
23	5.5	1
24	5.5	1
25	5.5	1
26	5.5	1
27	5.5	1
28	5.5	1
29	5.5	1
30	5.5	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	486228	64	11	1	1568	-	-	1
1	750544	77.9	11	1	1399	-	-	1
2	1012901	73.1	11	2	1487	1934	-	1
3	189013	94.2	11	3	1544	1346	1388	1
4	453311	82.7	11	2	1021	1443	-	1
5	716789	60.7	11	2	1362	1867	-	1
6	980706	66.9	11	2	1709	1387	-	1
7	156612	81.4	11	3	1032	1737	1081	1
8	421218	73	11	1	1368	-	-	1
9	684821	89.5	11	2	1012	1382	-	1
10	949759	64.6	11	1	1317	-	-	1

Bin5 Statistics 2

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	152137	85.6	6	1	1080	-	-	1
1	475029	54.8	6	1	1702	-	-	1
2	795842	87.7	6	3	1885	1539	1865	1
3	1118583	57.1	6	3	1955	1138	1426	1
4	112199	51.5	6	2	1436	1279	-	1
5	435299	64.5	6	1	1545	-	-	1
6	757735	73.1	6	2	1158	1378	-	1
7	1079039	62.4	6	3	1398	1189	1743	1
8	72365	66.8	6	3	1000	1773	1462	1

Bin5 Statistics 3

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	252833	91.4	16	3	1993	1942	1856	1
1	461647	78.3	16	1	1465	-	-	1
2	669018	74	16	1	1666	-	-	1
3	20987	60.4	16	2	1445	1633	-	1
4	227795	65.1	16	3	1136	1349	1826	1
5	435980	53.8	16	1	1669	-	-	1
6	641415	74	16	3	1402	1717	1268	1
7	851354	69.3	16	1	1251	-	-	1
8	202472	86.6	16	3	1319	1038	1302	1
9	409220	73.8	16	3	1005	1483	1688	1
10	616981	93.9	16	2	1017	1928	-	1
11	822419	61.3	16	3	1841	1417	1482	1
12	176715	60.5	16	3	1909	1592	1410	1
13	385014	51.7	16	1	1340	-	-	1

Bin5 Statistics 4

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	458936	57.2	18	3	1241	1234	1391	1
1	619237	79.8	18	3	1630	1479	1237	1
2	117647	60.1	18	3	1472	1094	1232	1
3	279245	57.4	18	1	1819	-	-	1
4	439777	60.8	18	2	1042	1855	-	1
5	601438	83.5	18	2	1020	1130	-	1
6	98135	86.5	18	1	1830	-	-	1
7	258786	73.6	18	3	1143	1127	1079	1
8	418877	99.3	18	3	1151	1441	1997	1
9	581440	56.8	18	2	1290	1027	-	1
10	78190	58.6	18	2	1361	1176	-	1
11	238354	71.7	18	3	1930	1879	1249	1
12	399006	66	18	3	1216	1979	1546	1
13	561288	52.7	18	2	1192	1486	-	1
14	58458	54.2	18	1	1301	-	-	1
15	219303	87	18	2	1161	1736	-	1
16	379817	81.4	18	2	1876	1842	-	1
17	542165	51.4	18	1	1803	-	-	1

Bin5 Statistics 5

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	43314	72.2	6	2	1832	1164	-	1
1	223922	55.2	6	3	1871	1843	1159	1
2	405493	65.4	6	2	1711	1589	-	1
3	588132	85.8	6	1	1339	-	-	1
4	20947	53.9	6	3	1782	1766	1259	1
5	202669	62.7	6	1	1152	-	-	1
6	382553	79	6	3	1373	1953	1207	1
7	564518	78.8	6	2	1283	1707	-	1
8	745519	86.7	6	2	1804	1360	-	1
9	180280	97.7	6	1	1223	-	-	1
10	361565	94.9	6	1	1880	-	-	1
11	543278	99.3	6	1	1508	-	-	1
12	724793	95.6	6	1	1526	-	-	1
13	157779	53.3	6	1	1852	-	-	1
14	338667	75	6	2	1369	1721	-	1
15	521117	53	6	1	1222	-	-	1

Bin5 Statistics 6

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	862430	80.5	16	3	1347	1266	1506	1
1	166333	77.4	16	3	1239	1350	1611	1
2	389365	91.4	16	3	1084	1292	1411	1
3	613831	57.1	16	1	1520	-	-	1
4	837119	62.2	16	1	1761	-	-	1
5	139363	78.9	16	1	1022	-	-	1
6	362079	80.4	16	2	1421	1915	-	1
7	584618	67.7	16	3	1197	1033	1935	1
8	808685	79.1	16	2	1587	1210	-	1
9	111359	67.2	16	3	1529	1849	1422	1
10	334052	51.7	16	3	1291	1696	1862	1
11	558911	93.4	16	1	1286	-	-	1
12	780729	87.8	16	2	1745	1598	-	1

Bin5 Statistics 7

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	91281	71.2	9	1	1244	-	-	1
1	333576	65.1	9	1	1048	-	-	1
2	574623	99.6	9	2	1440	1742	-	1
3	816886	92.4	9	2	1242	1326	-	1
4	61309	92.5	9	2	1527	1911	-	1
5	303191	89.2	9	2	1543	1289	-	1
6	545537	55.3	9	1	1914	-	-	1
7	787485	86.4	9	2	1049	1016	-	1
8	31503	71.5	9	3	1948	1563	1001	1
9	273019	75.9	9	3	1564	1493	1170	1
10	514694	97.5	9	3	1035	1044	1820	1
11	758164	78.4	9	1	1419	-	-	1

Bin5 Statistics 8

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1061	82.1	9	1	1337	-	-	1
1	145604	96.8	9	3	1950	1002	1051	1
2	291347	88.9	9	1	1549	-	-	1
3	433707	78.8	9	3	1815	1966	1584	1
4	579757	50	9	2	1673	1806	-	1
5	128245	61.2	9	1	1923	-	-	1
6	273708	55.3	9	1	1024	-	-	1
7	418547	96.8	9	1	1641	-	-	1
8	562121	63	9	2	1551	1733	-	1
9	110122	72.3	9	2	1833	1476	-	1
10	254964	76.9	9	2	1511	1504	-	1
11	400040	95.7	9	2	1299	1285	-	1
12	545981	74.3	9	1	1434	-	-	1
13	92637	89.3	9	1	1105	-	-	1
14	237901	93.3	9	1	1074	-	-	1
15	383198	74.9	9	1	1013	-	-	1
16	526161	97.7	9	2	1649	1983	-	1
17	74296	56.7	9	3	1677	1541	1491	1
18	219901	86.8	9	1	1365	-	-	1
19	365168	60.9	9	1	1236	-	-	1

Bin5 Statistics 9

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1133170	85.7	8	3	1235	1451	1260	1
1	126078	91	8	3	1892	1450	1896	1
2	449533	65.5	8	1	1238	-	-	1
3	770998	82.5	8	3	1146	1405	1463	1
4	1093863	95.3	8	2	1588	1863	-	1
5	86472	56.8	8	3	1439	1705	1019	1
6	408702	53.1	8	3	1963	1455	1188	1
7	730688	64.1	8	3	1204	1998	1899	1
8	1053966	69.6	8	2	1731	1931	-	1

Bin5 Statistics 10

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	26243	66.6	10	3	1505	1403	1186	1
1	207800	59	10	1	1750	-	-	1
2	389485	51.4	10	1	1344	-	-	1
3	570943	94	10	1	1494	-	-	1
4	3975	78.7	10	1	1313	-	-	1
5	185468	80.2	10	1	1662	-	-	1
6	366878	82.2	10	1	1837	-	-	1
7	548363	91.5	10	1	1793	-	-	1
8	730483	89	10	1	1120	-	-	1
9	162593	79	10	3	1181	1275	1590	1
10	344035	55.9	10	2	1574	1331	-	1
11	524648	96.4	10	3	1393	1089	1250	1
12	705066	96.6	10	3	1287	1537	1516	1
13	140822	74.8	10	1	1309	-	-	1
14	321232	99	10	3	1165	1124	1741	1
15	501736	88.3	10	3	1530	1497	1622	1

Bin5 Statistics 11

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1369995	53.9	10	3	1379	1296	1184	1
1	237076	68	10	1	1577	-	-	1
2	600450	53.2	10	1	1678	-	-	1
3	963668	95.9	10	1	1946	-	-	1
4	1324354	80.5	10	3	1686	1661	1578	1
5	192302	88.8	10	1	1653	-	-	1
6	555647	64.7	10	1	1791	-	-	1
7	916860	89.2	10	3	1425	1933	1938	1

Bin5 Statistics 12

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	931583	86.5	10	2	1475	1057	-	1
1	107227	92.7	10	1	1959	-	-	1
2	371642	91.1	10	1	1050	-	-	1
3	634799	81.3	10	2	1768	1284	-	1
4	899815	56.3	10	1	1628	-	-	1
5	74706	83.5	10	1	1813	-	-	1
6	338467	93.2	10	2	1536	1495	-	1
7	602194	58.1	10	2	1243	2000	-	1
8	867712	91.3	10	1	1077	-	-	1
9	42125	77.1	10	2	1267	1691	-	1
10	305320	96.4	10	3	1795	1675	1861	1

Bin5 Statistics 13

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	522827	63.3	6	1	1825	-	-	1
1	763735	75.4	6	2	1878	1488	-	1
2	8817	51.7	6	2	1481	1767	-	1
3	250950	95.7	6	1	1701	-	-	1
4	491938	59	6	3	1072	1324	1594	1
5	732772	61.1	6	3	1370	1693	1918	1
6	977422	83.4	6	1	1582	-	-	1
7	220836	58.7	6	2	1226	1783	-	1
8	461447	77.7	6	3	1902	1951	1723	1
9	703165	80.8	6	3	1395	1916	1501	1
10	947253	64.5	6	1	1944	-	-	1
11	190591	89.1	6	3	1777	1989	1645	1

Bin5 Statistics 14

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	258823	66.1	18	3	1263	1294	1297	1
1	404270	66.5	18	2	1351	1227	-	1
2	550328	94.3	18	1	1312	-	-	1
3	96495	91.4	18	3	1280	1056	1114	1
4	240924	88.9	18	3	1293	1358	1424	1
5	385799	100	18	2	1904	1639	-	1
6	529828	68.3	18	3	1046	1940	1265	1
7	78470	89.2	18	3	1894	1719	1374	1
8	223520	77.9	18	2	1182	1827	-	1
9	368943	94.3	18	1	1982	-	-	1
10	512964	62.3	18	2	1967	1198	-	1
11	60930	57.4	18	2	1329	1355	-	1
12	205194	86	18	3	1503	1846	1088	1
13	351255	89.2	18	1	1680	-	-	1
14	495015	50.9	18	3	1045	1115	1149	1
15	42885	85.1	18	3	1839	1864	1753	1
16	187384	55.4	18	3	1754	1634	1106	1
17	333546	85.9	18	1	1383	-	-	1
18	475938	97.9	18	3	1708	1646	1519	1
19	25222	55.1	18	2	1573	1554	-	1

Bin5 Statistics 15

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	212565	69.5	9	2	1838	1764	-	1
1	394265	78.5	9	2	1142	1180	-	1
2	575518	85.7	9	2	1039	1390	-	1
3	9245	62.8	9	2	1929	1412	-	1
4	190425	52.1	9	2	1190	1794	-	1
5	370371	72.4	9	3	1897	1786	1770	1
6	553522	94.2	9	1	1974	-	-	1
7	735492	84.8	9	1	1414	-	-	1
8	167655	97.1	9	3	1790	1474	1734	1
9	348785	80	9	3	1125	1670	1254	1
10	531796	87.1	9	1	1100	-	-	1
11	709519	58.3	9	3	1958	1650	1595	1
12	145985	71.9	9	1	1995	-	-	1
13	327121	53.6	9	2	1167	1464	-	1
14	509071	74.9	9	1	1617	-	-	1
15	690726	64.7	9	1	1456	-	-	1

Bin5 Statistics 16

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	123210	62.1	14	3	1183	1781	1621	1
1	304789	92.2	14	2	1348	1295	-	1
2	484744	54.3	14	3	1969	1215	1461	1
3	668498	58.1	14	1	1306	-	-	1
4	101217	72.9	14	2	1060	1489	-	1
5	281970	87.9	14	3	1225	1397	1323	1
6	464371	68.4	14	1	1593	-	-	1
7	645633	69	14	1	1883	-	-	1
8	79045	63	14	1	1061	-	-	1
9	260527	94.3	14	1	1518	-	-	1
10	442077	59.6	14	1	1484	-	-	1
11	620820	69.9	14	3	1695	1366	1779	1
12	56606	60.1	14	1	1920	-	-	1
13	238104	98.3	14	1	1714	-	-	1
14	419039	53.3	14	2	1386	1305	-	1
15	599289	91.8	14	2	1970	1961	-	1

Bin5 Statistics 17

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	49753	82.9	15	3	1330	1471	1637	1
1	313141	59.3	15	3	1278	1957	1605	1
2	577788	69.6	15	2	1086	1416	-	1
3	841683	87.6	15	2	1407	1196	-	1
4	17292	80.9	15	3	1333	1469	1886	1
5	280983	81.5	15	3	1103	1092	1531	1
6	544777	89.2	15	2	1716	1776	-	1
7	807964	66.4	15	3	1026	1889	1311	1
8	1074389	55.7	15	1	1315	-	-	1
9	248612	83.5	15	2	1553	1704	-	1
10	513045	92.2	15	1	1891	-	-	1

Bin5 Statistics 18

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	567621	97.9	10	3	1868	1423	1321	1
1	761492	57.1	10	3	1107	1255	1240	1
2	158409	54	10	2	1043	1739	-	1
3	352399	85.5	10	1	1332	-	-	1
4	545034	82.4	10	2	1327	1565	-	1
5	737145	64.2	10	3	1392	1112	1699	1
6	134616	86.2	10	2	1466	1178	-	1
7	328669	73	10	1	1018	-	-	1
8	521215	63.2	10	2	1805	1098	-	1
9	715025	81.6	10	2	1318	1040	-	1
10	110682	89.7	10	2	1557	1905	-	1
11	304574	82.2	10	1	1609	-	-	1
12	497376	81.6	10	2	1110	1835	-	1
13	692067	60.1	10	1	1352	-	-	1
14	87068	66.6	10	1	1788	-	-	1

Bin5 Statistics 19

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	246997	99.8	12	2	1433	1976	-	1
1	418650	57.8	12	1	1253	-	-	1
2	588198	62.7	12	2	1195	1668	-	1
3	55727	74.3	12	2	1261	1041	-	1
4	226676	74.6	12	1	1342	-	-	1
5	396931	98.8	12	2	1281	1157	-	1
6	568248	76.7	12	1	1559	-	-	1
7	34561	95.3	12	3	1987	1384	1917	1
8	205538	75.5	12	1	1652	-	-	1
9	375182	62.6	12	2	1874	1939	-	1
10	544432	84.1	12	3	1817	1535	1778	1
11	13645	87.4	12	3	1789	1095	1667	1
12	184488	83.8	12	1	1697	-	-	1
13	355223	80.7	12	1	1801	-	-	1
14	526561	52.9	12	1	1030	-	-	1
15	694456	87.9	12	3	1156	1901	1059	1
16	163425	52.4	12	1	1810	-	-	1

Bin5 Statistics 20

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	334189	89.5	12	1	1800	-	-	1
1	502459	95.8	12	3	1882	1752	1642	1
2	674030	70.5	12	2	1627	1927	-	1
3	142129	61.9	12	2	1665	1438	-	1
4	312335	59	12	2	1898	1747	-	1
5	483810	58.8	12	1	1956	-	-	1
6	652767	77.3	12	3	1011	1208	1638	1
7	121487	55.7	12	1	1055	-	-	1
8	291827	73.9	12	2	1480	1029	-	1
9	463048	75.3	12	1	1550	-	-	1
10	634011	90.1	12	1	1394	-	-	1
11	100422	60.2	12	1	1122	-	-	1
12	271036	93.2	12	1	1932	-	-	1
13	441217	77.1	12	2	1148	1660	-	1
14	611323	88	12	3	1137	1116	1028	1
15	79363	77.5	12	1	1163	-	-	1
16	249744	64.3	12	2	1304	1367	-	1

Bin5 Statistics 21

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	356842	81.7	6	2	1507	1447	-	1
1	502589	81.3	6	1	1829	-	-	1
2	49530	53.7	6	1	1385	-	-	1
3	193645	81.5	6	3	1623	1964	1082	1
4	339706	58.8	6	1	1720	-	-	1
5	483579	93.4	6	2	1980	1257	-	1
6	31547	71.2	6	2	1406	1869	-	1
7	176667	61.8	6	1	1937	-	-	1
8	321736	78.6	6	1	1900	-	-	1
9	465538	72.9	6	2	1606	1903	-	1
10	13726	98.4	6	2	1473	1556	-	1
11	158862	76.8	6	1	1706	-	-	1
12	303409	52.4	6	2	1085	1718	-	1
13	449310	92.4	6	1	1389	-	-	1
14	594432	60.2	6	1	1449	-	-	1
15	140667	93.7	6	2	1857	1213	-	1
16	285659	87.3	6	2	1047	1567	-	1
17	431436	92.8	6	1	1376	-	-	1
18	574078	85.9	6	3	1147	1166	1703	1
19	122652	89.6	6	3	1169	1725	1058	1

Bin5 Statistics 22

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	595442	54.7	6	3	1607	1977	1548	1
1	917293	90.8	6	3	1751	1913	1873	1
2	1243085	99.1	6	1	1509	-	-	1
3	233873	85.4	6	3	1512	1145	1104	1
4	557180	68.5	6	1	1746	-	-	1
5	879353	50.6	6	2	1168	1756	-	1
6	1201648	73.5	6	2	1802	1533	-	1
7	194540	86.7	6	1	1113	-	-	1
8	516262	85	6	3	1724	1818	1131	1

Bin5 Statistics 23

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	754329	82.3	15	3	1629	1763	1328	1
1	1047408	85.5	15	1	1073	-	-	1
2	139195	96.1	15	1	1618	-	-	1
3	429157	59.8	15	2	1784	1738	-	1
4	719699	69.5	15	2	1726	1200	-	1
5	1009618	99.1	15	2	1597	1814	-	1
6	103133	71.7	15	3	1755	1069	1821	1
7	393665	84.1	15	2	1067	1690	-	1
8	683749	70.9	15	2	1824	1431	-	1
9	972517	80.6	15	3	1654	1452	1968	1

Bin5 Statistics 24

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	56313	52.3	19	1	1608	-	-	1
1	298627	99.4	19	1	1031	-	-	1
2	540558	50	19	1	1679	-	-	1
3	781707	80.5	19	2	1851	1071	-	1
4	26390	85.9	19	3	1884	1681	1682	1
5	268706	79	19	1	1320	-	-	1
6	509603	78.9	19	3	1233	1276	1380	1
7	753359	71.5	19	1	1014	-	-	1
8	995448	82.9	19	1	1211	-	-	1
9	238225	79.8	19	3	1325	1023	1672	1
10	480409	66.6	19	2	1635	1083	-	1
11	721658	55.9	19	3	1274	1228	1076	1

Bin5 Statistics 25

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	643342	84.4	17	1	1220	-	-	1
1	138549	52.1	17	3	1848	1585	1308	1
2	299943	88	17	2	1217	1631	-	1
3	460408	59.5	17	3	1335	1009	1270	1
4	620420	90.9	17	3	1513	1613	1341	1
5	118842	82.3	17	3	1454	1177	1735	1
6	280042	68.3	17	2	1575	1437	-	1
7	441355	62.9	17	2	1258	1219	-	1
8	601593	58.2	17	2	1844	1569	-	1
9	99499	69.9	17	1	1408	-	-	1
10	260803	84.6	17	1	1514	-	-	1
11	420986	76.9	17	2	1760	1547	-	1
12	583262	96.3	17	1	1722	-	-	1
13	79628	87.5	17	1	1377	-	-	1
14	240540	52.2	17	2	1560	1037	-	1
15	401048	67	17	2	1992	1515	-	1
16	561120	82.9	17	3	1336	1615	1459	1
17	59653	93.4	17	2	1006	1492	-	1

Bin5 Statistics 26

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	398198	88.6	14	1	1860	-	-	1
1	688711	59.5	14	1	1988	-	-	1
2	979290	66.4	14	1	1960	-	-	1
3	71775	62.2	14	2	1132	1427	-	1
4	361618	83.5	14	3	1477	1322	1659	1
5	652437	90.2	14	2	1111	1765	-	1
6	942846	54.7	14	2	1524	1264	-	1
7	36033	60.3	14	1	1538	-	-	1
8	326269	63.1	14	2	1428	1685	-	1
9	616559	56.4	14	2	1999	1099	-	1

Bin5 Statistics 27

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	502321	89.7	8	2	1949	1729	-	1
1	128	79.1	8	2	1108	1921	-	1
2	161201	90.6	8	2	1303	1231	-	1
3	321976	56.8	8	2	1523	1625	-	1
4	484049	68.4	8	1	1570	-	-	1
5	645758	76.4	8	1	1155	-	-	1
6	141010	51	8	3	1715	1218	1245	1
7	302892	93.9	8	1	1528	-	-	1
8	464404	71.8	8	1	1248	-	-	1
9	622946	60	8	3	1517	1600	1154	1
10	121467	58.1	8	2	1614	1209	-	1
11	281711	89.4	8	3	1692	1771	1144	1
12	444335	65.8	8	1	1532	-	-	1
13	605734	58	8	1	1442	-	-	1
14	101817	72.4	8	1	1632	-	-	1
15	263241	82.5	8	1	1300	-	-	1
16	422633	64.8	8	3	1572	1118	1712	1
17	583113	73.2	8	3	1797	1199	1566	1

Bin5 Statistics 28

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	134234	84.2	20	1	1579	-	-	1
1	397768	98.5	20	2	1744	1647	-	1
2	660979	76.7	20	3	1004	1710	1576	1
3	926918	61.8	20	1	1470	-	-	1
4	101677	88.7	20	1	1732	-	-	1
5	365327	89.6	20	2	1994	1256	-	1
6	629730	91.3	20	2	1007	1185	-	1
7	893550	57	20	2	1062	1409	-	1
8	68956	89.5	20	3	1774	1772	1065	1
9	332281	72.2	20	3	1338	1925	1792	1
10	597737	68.7	20	1	1224	-	-	1

Bin5 Statistics 29

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	523672	97.8	15	3	1798	1757	1135	1
1	22335	54.8	15	1	1991	-	-	1
2	183009	80.6	15	3	1153	1683	1078	1
3	343872	69.1	15	2	1888	1787	-	1
4	503951	61.9	15	3	1602	1990	1025	1
5	2468	73.2	15	3	1591	1872	1307	1
6	162959	79.1	15	3	1972	1015	1945	1
7	324658	79.3	15	2	1063	1400	-	1
8	484399	77.7	15	3	1363	1811	1133	1
9	647485	58.4	15	1	1799	-	-	1
10	143089	69.9	15	3	1581	1836	1984	1
11	305082	86.4	15	1	1881	-	-	1
12	466480	58.3	15	1	1643	-	-	1
13	627002	95.2	15	2	1075	1381	-	1
14	124089	72.9	15	1	1354	-	-	1
15	285183	85.2	15	1	1971	-	-	1
16	446497	99.2	15	1	1816	-	-	1
17	604645	93.8	15	3	1749	1624	1834	1

Bin5 Statistics 30

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	98128	58.4	7	3	1288	1922	1907	1
1	251672	89.8	7	1	1090	-	-	1
2	403845	50.9	7	2	1070	1173	-	1
3	555969	75.4	7	2	1626	1194	-	1
4	79668	81.5	7	2	1102	1996	-	1
5	232817	76.1	7	1	1141	-	-	1
6	383712	64.7	7	3	1123	1490	1807	1
7	535667	79.7	7	3	1769	1375	1453	1
8	61042	77.8	7	1	1561	-	-	1
9	213176	90.5	7	2	1941	1580	-	1
10	364815	51	7	3	1502	1727	1468	1
11	517611	65.6	7	3	1128	1140	1510	1
12	41987	61.3	7	3	1808	1636	1596	1
13	194597	86.9	7	2	1919	1008	-	1
14	346414	78.9	7	3	1068	1620	1418	1
15	500783	75.2	7	1	1353	-	-	1
16	23337	74.1	7	2	1252	1975	-	1
17	176060	55.1	7	2	1054	1003	-	1
18	327312	77.6	7	3	1500	1831	1458	1

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	1.0	333	1	5374	5417	5554	5666	5545
						5583	5278	5450	5373	5609
						5604	5301	5439	5372	5637
						5459	5347	5539	5397	5512
						5548	5645	5297	5333	5706
						5470	5441	5458	5321	5570
						5577	5252	5563	5500	5643
						5717	5481	5672	5318	5529
						5268	5530	5580	5375	5266
						5379	5385	5415	5433	5514
						5497	5258	5551	5467	5568
						5685	5325	5489	5642	5528
						5444	5630	5449	5534	5631
						5484	5638	5452	5405	5541
						5269	5627	5492	5478	5678
						5636	5426	5661	5502	5329
						5532	5427	5719	5359	5380
						5282	5503	5401	5400	5562
						5675	5273	5457	5721	5620
						5569	5688	5411	5303	5336
2	5500	9	1.0	333	1	5357	5450	5723	5664	5278
						5597	5449	5373	5684	5274
						5515	5634	5594	5543	5341
						5614	5451	5367	5577	5492
						5353	5259	5696	5356	5620
						5656	5345	5429	5615	5471
						5539	5435	5609	5689	5528
						5595	5419	5319	5394	5488
						5271	5628	5629	5486	5439
						5598	5267	5447	5638	5704
						5650	5677	5591	5602	5514
						5348	5576	5714	5391	5444
						5599	5270	5483	5560	5460
						5330	5372	5630	5362	5445
						5382	5320	5339	5547	5452
						5264	5369	5261	5623	5516
						5258	5643	5569	5257	5522
						5430	5366	5527	5275	5297
						5711	5416	5276	5359	5476

						5459	5335	5509	5518	5607
3	5500	9	1.0	333	1	5612	5689	5659	5350	5595
						5639	5374	5448	5372	5481
						5349	5423	5635	5263	5362
						5702	5578	5470	5525	5684
						5361	5425	5637	5445	5593
						5544	5672	5632	5341	5505
						5581	5324	5566	5429	5680
						5415	5558	5410	5665	5660
						5564	5334	5424	5679	5671
						5427	5721	5287	5703	5467
						5303	5565	5437	5302	5561
						5482	5301	5314	5357	5625
						5456	5308	5294	5394	5418
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						5367	5669	5627	5442	5611
						5549	5269	5409	5531	5714
						5482	5278	5640	5505	5673
						5637	5527	5617	5306	5653
						5659	5289	5552	5694	5318
						5274	5364	5319	5337	5614
						5297	5302	5323	5712	5581
						5379	5646	5416	5677	5400
						5392	5326	5445	5484	5658
						5384	5272	5452	5566	5423
						5464	5280	5471	5607	5622
						5630	5340	5447	5532	5615
26	5500	9	1.0	333	1	5292	5680	5709	5437	5547
						5287	5288	5651	5311	5696
						5361	5330	5444	5463	5370
						5719	5639	5454	5503	5641
						5341	5423	5434	5378	5447
						5323	5516	5638	5368	5715
						5326	5430	5517	5590	5530
						5701	5452	5661	5408	5671
						5450	5607	5295	5439	5443
						5529	5352	5584	5601	5358
						5691	5496	5581	5571	5472
						5533	5321	5717	5625	5652
						5695	5662	5268	5373	5349
						5567	5483	5395	5698	5649
						5258	5605	5334	5536	5723
						5381	5436	5551	5721	5467
						5623	5606	5415	5388	5379
						5712	5478	5636	5613	5656
						5512	5449	5558	5502	5546
						5718	5572	5498	5707	5509
27	5500	9	1.0	333	1	5450	5444	5645	5598	5292
						5426	5310	5251	5377	5525
						5670	5594	5485	5658	5391

						5332	5291	5557	5548	5358
						5252	5492	5472	5467	5420
						5589	5465	5269	5274	5433
						5387	5257	5267	5350	5365
						5704	5723	5339	5322	5510
						5533	5545	5535	5372	5509
						5435	5428	5637	5709	5630
						5305	5697	5686	5504	5407
						5584	5457	5478	5641	5388
						5692	5409	5656	5459	5286
						5564	5684	5652	5657	5681
						5362	5324	5546	5482	5715
						5309	5378	5662	5526	5475
						5256	5430	5676	5326	5619
						5593	5297	5461	5575	5500
						5691	5346	5392	5496	5255
						5360	5460	5338	5333	5385
28	5500	9	1.0	333	1	5705	5683	5581	5284	5609
						5468	5710	5326	5540	5257
						5601	5383	5526	5378	5412
						5323	5418	5660	5593	5550
						5260	5658	5413	5459	5393
						5477	5317	5472	5673	5308
						5507	5322	5344	5516	5548
						5504	5320	5519	5589	5711
						5349	5616	5483	5300	5530
						5301	5489	5518	5486	5690
						5278	5488	5331	5318	5394
						5520	5372	5382	5401	5475
						5579	5572	5529	5289	5684
						5686	5641	5348	5391	5254
						5564	5636	5292	5277	5506
						5685	5523	5650	5437	5343
						5576	5559	5263	5404	5387
						5438	5570	5696	5384	5258
						5496	5491	5625	5627	5654
						5592	5612	5449	5590	5591
29	5500	9	1.0	333	1	5485	5447	5517	5348	5354
						5510	5257	5401	5703	5464
						5532	5647	5567	5573	5433
						5411	5448	5288	5541	5267
						5268	5252	5548	5366	5365
						5266	5675	5302	5342	5549
						5308	5301	5687	5668	5368

						5546	5315	5722	5663	5321
						5421	5443	5527	5608	5469
						5601	5543	5364	5507	5369
						5483	5343	5694	5707	5336
						5591	5307	5446	5708	5262
						5571	5693	5702	5630	5412
						5590	5384	5698	5621	5367
						5330	5278	5280	5355	5661
						5482	5619	5324	5580	5353
						5669	5519	5568	5275	5674
						5429	5326	5498	5665	5564
						5338	5506	5656	5253	5536
						5679	5609	5667	5565	5487
30	5500	9	1.0	333	1	5265	5686	5453	5509	5671
						5552	5657	5476	5391	5293
						5366	5436	5608	5454	5499
						5575	5294	5586	5459	5654
						5418	5392	5637	5339	5631
						5593	5403	5406	5376	5688
						5672	5258	5330	5442	5566
						5685	5502	5683	5420	5636
						5404	5359	5524	5537	5449
						5684	5505	5321	5430	5715
						5669	5641	5638	5290	5306
						5601	5320	5362	5427	5516
						5525	5528	5576	5710	5539
						5323	5433	5416	5645	5402
						5264	5380	5679	5441	5491
						5444	5723	5605	5304	5300
						5635	5595	5272	5394	5332
						5643	5461	5382	5529	5389
						5514	5346	5259	5598	5691
						5722	5549	5385	5365	5655

5510 MHz, 40 MHz Bandwidth

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

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	1	758	70	1
2	1	738	72	1
3	1	718	74	1
4	1	658	81	1
5	1	878	61	1
6	1	678	78	1
7	1	938	57	1
8	1	838	63	1
9	1	598	89	1
10	1	778	68	1
11	1	818	65	0
12	1	858	62	1
13	1	538	99	1
14	1	638	83	1
15	1	698	76	1
16	1	2145	25	1
17	1	1401	38	1
18	1	2163	25	1
19	1	539	98	1
20	1	2187	25	1
21	1	1132	47	1
22	1	1515	35	1
23	1	2936	18	1
24	1	1854	29	1
25	1	1743	31	1
26	1	663	80	0
27	1	2275	24	1
28	1	1498	36	1
29	1	2702	20	1
30	1	2442	22	1
Detection Percentage: 93.33 % (>60%)				

Table-2 Radar Type 2 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	4.3	174	24	1
2	2.1	152	23	1
3	4.7	213	26	1
4	1.7	212	28	1
5	3.5	193	27	1
6	2.4	192	26	1
7	2	204	25	1
8	4	229	29	1
9	2	216	23	0
10	4.6	186	27	1
11	3	225	23	1
12	4.7	217	24	0
13	1.4	163	25	1
14	1.1	167	29	0
15	3	209	27	1
16	2.9	150	27	1
17	2.8	221	24	1
18	2.3	164	27	1
19	2.6	158	27	0
20	1.4	184	27	1
21	2.4	218	29	1
22	2.2	198	23	0
23	3.3	208	24	1
24	1.8	197	25	1
25	3.9	178	28	1
26	2.1	202	24	1
27	2.9	223	28	1
28	3.6	170	25	1
29	3.7	155	28	1
30	3.5	157	29	1
Detection Percentage: 83.33 % (>60%)				

Table-3 Radar Type 3 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	9.1	494	16	1
2	9.5	356	16	0
3	7.2	313	17	1
4	7.5	343	18	1
5	8.7	202	17	1
6	9.7	378	17	0
7	7.3	272	17	1
8	7.8	415	18	0
9	7.6	250	16	1
10	8.9	484	17	0
11	6.7	236	16	1
12	9.6	434	16	1
13	9.5	325	16	1
14	8.8	279	18	1
15	6.8	368	18	1
16	9.5	470	17	0
17	8.6	441	16	1
18	6.3	418	17	1
19	8.7	292	18	1
20	9.8	429	18	1
21	6.3	263	18	1
22	8.2	453	16	0
23	6.9	308	16	1
24	9.2	444	17	1
25	6.6	456	18	1
26	6	405	16	0
27	7.7	333	18	1
28	8.1	289	16	1
29	7.1	320	18	1
30	8.8	497	18	1
Detection Percentage: 76.66 % (>60%)				

Table-4 Radar Type 4 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	13.9	384	13	1
2	19.7	207	12	1
3	11.4	352	14	1
4	14.8	319	15	0
5	11	274	15	1
6	19.1	239	14	1
7	18.3	363	13	1
8	17.7	320	16	0
9	12.1	331	12	1
10	19.3	406	15	1
11	17.6	243	12	1
12	15.9	425	13	1
13	11.9	302	13	1
14	16.9	336	16	0
15	19.3	428	15	1
16	16.4	333	15	0
17	16.6	294	13	1
18	19.5	301	15	1
19	12.7	316	15	0
20	13.4	446	15	1
21	13.2	214	16	0
22	12	483	12	1
23	12.7	295	12	1
24	12.5	280	13	0
25	14.4	290	15	1
26	12.4	344	12	1
27	12.7	438	15	1
28	12.1	405	13	1
29	12.7	387	16	1
30	12.8	287	16	1
Detection Percentage: 76.66 % (>60%)				

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (GHz)	Detection (1:yes; 0:no)
1	5.51	1
2	5.51	1
3	5.51	1
4	5.51	1
5	5.51	1
6	5.51	1
7	5.51	1
8	5.51	1
9	5.51	1
10	5.51	1
11	5.51	1
12	5.51	1
13	5.51	1
14	5.51	1
15	5.51	1
16	5.51	1
17	5.51	1
18	5.51	1
19	5.51	1
20	5.51	1
21	5.51	1
22	5.51	1
23	5.51	1
24	5.51	1
25	5.51	1
26	5.51	1
27	5.51	1
28	5.51	1
29	5.51	1
30	5.51	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	486328	75.1	9	1	1344	-	-	1
1	750378	57	9	1	1639	-	-	1
2	1013989	81.2	9	2	1233	1020	-	1
3	188883	83.6	9	3	1348	1889	1790	1
4	452954	55.1	9	2	1680	1641	-	1
5	716920	76.1	9	2	1340	1690	-	1
6	980653	83.5	9	2	1686	1469	-	1
7	156495	52.1	9	3	1307	1739	1617	1
8	421193	80.1	9	1	1432	-	-	1
9	684050	60.2	9	2	1626	1993	-	1
10	949734	87.4	9	1	1346	-	-	1

Bin5 Statistics 2

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	152085	77.8	12	1	1539	-	-	1
1	474939	85.3	12	1	1953	-	-	1
2	795962	96.9	12	3	1793	1737	1558	1
3	1118614	97.4	12	3	1055	1687	1740	1
4	112132	96.7	12	2	1861	1647	-	1
5	435261	73.8	12	1	1661	-	-	1
6	757517	88.6	12	2	1214	1704	-	1
7	1078208	53.2	12	3	1461	1980	1912	1
8	72333	78.3	12	3	1470	1726	1629	1

Bin5 Statistics 3

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	253475	68.6	7	3	1478	1123	1030	1
1	461390	54.7	7	1	1940	-	-	1
2	669265	96.5	7	1	1351	-	-	1
3	20976	71.1	7	2	1801	1691	-	1
4	227651	93.1	7	3	1289	1835	1727	1
5	436284	84.4	7	1	1072	-	-	1
6	640982	87.4	7	3	1525	1581	1857	1
7	851424	63.7	7	1	1181	-	-	1
8	202333	64	7	3	1646	1099	1498	1
9	409203	52.2	7	3	1717	1293	1202	1
10	617266	74.3	7	2	1303	1247	-	1
11	821544	99.7	7	3	1934	1729	1984	1
12	176920	97.8	7	3	1261	1582	1080	1
13	385101	71.4	7	1	1147	-	-	1

Bin5 Statistics 4

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	457646	85.5	20	3	1961	1999	1768	1
1	619326	69.9	20	3	1476	1762	1013	1
2	117522	63.8	20	3	1442	1938	1120	1
3	279581	62.9	20	1	1019	-	-	1
4	439602	73.9	20	2	1254	1907	-	1
5	600932	52.3	20	2	1134	1575	-	1
6	98200	71.6	20	1	1389	-	-	1
7	258427	90.3	20	3	1888	1100	1280	1
8	418854	82.9	20	3	1587	1064	1974	1
9	581194	53.8	20	2	1009	1589	-	1
10	78212	75.6	20	2	1276	1073	-	1
11	238436	62.4	20	3	1211	1946	1672	1
12	399263	61.1	20	3	1325	1962	1028	1
13	561554	93.4	20	2	1357	1006	-	1
14	58411	68.5	20	1	1833	-	-	1
15	219304	59.5	20	2	1113	1781	-	1
16	380117	99.9	20	2	1815	1381	-	1
17	542270	84.6	20	1	1674	-	-	1

Bin5 Statistics 5

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	43303	57.8	6	2	1633	1562	-	1
1	224087	57.7	6	3	1850	1274	1201	1
2	405549	96.6	6	2	1398	1798	-	1
3	588324	70.4	6	1	1094	-	-	1
4	20959	60.5	6	3	1135	1983	1248	1
5	202637	60	6	1	1269	-	-	1
6	382551	90.5	6	3	1175	1952	1410	1
7	564399	70.8	6	2	1492	1656	-	1
8	745808	88.7	6	2	1551	1322	-	1
9	180148	69.7	6	1	1772	-	-	1
10	361694	88.1	6	1	1613	-	-	1
11	543530	77.9	6	1	1160	-	-	1
12	725157	85.9	6	1	1150	-	-	1
13	157768	87.8	6	1	1901	-	-	1
14	338675	80	6	2	1462	1610	-	1
15	520769	63.8	6	1	1721	-	-	1

Bin5 Statistics 6

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	861867	61.3	13	3	1608	1956	1154	1
1	166252	77.5	13	3	1665	1414	1568	1
2	389157	82.9	13	3	1328	1677	1273	1
3	614093	60.8	13	1	1127	-	-	1
4	837371	64.7	13	1	1484	-	-	1
5	139241	50.8	13	1	1827	-	-	1
6	362444	56.6	13	2	1047	1362	-	1
7	584044	78.4	13	3	1992	1658	1416	1
8	808553	71.8	13	2	1371	1576	-	1
9	111346	92.7	13	3	1564	1393	1951	1
10	334237	95.6	13	3	1283	1304	1752	1
11	558545	80.7	13	1	1890	-	-	1
12	781529	73.2	13	2	1212	1188	-	1

Bin5 Statistics 7

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	91301	94.1	10	1	1021	-	-	1
1	333369	95.2	10	1	1669	-	-	1
2	574773	54.5	10	2	1628	1294	-	1
3	816630	52.4	10	2	1115	1765	-	1
4	61359	89.7	10	2	1538	1095	-	1
5	303246	91.8	10	2	1417	1232	-	1
6	545747	90.1	10	1	1531	-	-	1
7	786988	74.9	10	2	1050	1645	-	1
8	31519	65	10	3	1382	1588	1041	1
9	272982	59.3	10	3	1162	1900	1299	1
10	514136	53.7	10	3	1499	1996	1485	1
11	758184	72.5	10	1	1392	-	-	1

Bin5 Statistics 8

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1062	53.1	14	1	1014	-	-	1
1	145366	63.7	14	3	1716	1979	1285	1
2	291602	51.8	14	1	1024	-	-	1
3	434608	52.2	14	3	1178	1638	1313	1
4	580558	55	14	2	1192	1463	-	1
5	128355	67.9	14	1	1411	-	-	1
6	273688	87.8	14	1	1068	-	-	1
7	418906	82.4	14	1	1128	-	-	1
8	562364	97.4	14	2	1895	1131	-	1
9	110237	82	14	2	1529	1159	-	1
10	254609	91	14	2	2000	1847	-	1
11	399416	76.6	14	2	1767	1750	-	1
12	545628	89	14	1	1822	-	-	1
13	92638	69.9	14	1	1102	-	-	1
14	237695	57	14	1	1592	-	-	1
15	382876	51.1	14	1	1516	-	-	1
16	526710	68.2	14	2	1843	1166	-	1
17	74310	98.7	14	3	1524	1928	1143	1
18	219978	67.9	14	1	1155	-	-	1
19	365250	64.5	14	1	1101	-	-	1

Bin5 Statistics 9

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1132549	59.8	7	3	1302	1561	1812	1
1	126122	97.6	7	3	1146	1706	1921	1
2	449554	94.7	7	1	1177	-	-	1
3	770696	74.6	7	3	1272	1975	1287	1
4	1094706	83.5	7	2	1005	1421	-	1
5	86388	75.5	7	3	1965	1593	1893	1
6	408490	96.2	7	3	1880	1519	1896	1
7	730559	96.1	7	3	1877	1948	1510	1
8	1054503	90	7	2	1337	1648	-	1

Bin5 Statistics 10

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	26217	89	10	3	1400	1496	1941	1
1	207803	96.3	10	1	1738	-	-	1
2	389256	68.1	10	1	1784	-	-	1
3	570622	79.1	10	1	1915	-	-	1
4	3976	88.3	10	1	1027	-	-	1
5	185423	61.5	10	1	1846	-	-	1
6	367008	87.2	10	1	1572	-	-	1
7	548232	54.7	10	1	1972	-	-	1
8	729923	76.1	10	1	1694	-	-	1
9	162351	66.7	10	3	1954	1297	1903	1
10	343878	74.7	10	2	1927	1320	-	1
11	523696	57.7	10	3	1543	1556	1987	1
12	704280	98.3	10	3	2000	1988	1184	1
13	140705	75.9	10	1	1933	-	-	1
14	320978	62	10	3	1252	1530	1837	1
15	502401	54.1	10	3	1408	1117	1136	1

Bin5 Statistics 11

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	1369233	78	13	3	1500	1210	1982	1
1	237050	63.4	13	1	1743	-	-	1
2	600618	69.8	13	1	1260	-	-	1
3	963729	84.8	13	1	1851	-	-	1
4	1324667	88.9	13	3	1246	1852	1475	1
5	192258	56.6	13	1	1995	-	-	1
6	555614	66.4	13	1	1881	-	-	1
7	917091	91.5	13	3	1220	1783	1916	1

Bin5 Statistics 12

Trial #	Pulse Start(μS)	Pulse Width (μS)	Chirp (MHz)	Pulse	PRF-1 (μS)	PRF-2 (μS)	PRF-3 (μS)	Detection (1:yes; 0:no)
0	931471	89.3	11	2	1655	1008	-	1
1	107316	62.7	11	1	1058	-	-	1
2	371478	55.5	11	1	1532	-	-	1
3	634398	69	11	2	1855	1885	-	1
4	899527	77.3	11	1	1977	-	-	1
5	74730	68.8	11	1	1454	-	-	1
6	338706	79.5	11	2	1087	1174	-	1
7	602293	71.7	11	2	1486	1579	-	1
8	867389	91.8	11	1	1483	-	-	1
9	42109	92.4	11	2	1549	1826	-	1
10	305727	58.3	11	3	1149	1359	1377	1