



FCC PART 15.407
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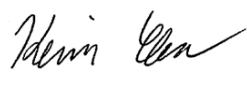
TEST REPORT

For

Cisco Systems, Inc.

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

FCC ID: LDKMU6CR2417
IC: 2461N-MU6CR2417

Report Type: Class III Permissive Change (FCC) Class III Permissive Change (IC)	Product Type: Cisco Catalyst 9136 Series Indoor Access Point
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Report Number: R2508251-DFS	
Report Date: 2025-09-10	
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* This report may contain data that are not covered by the A2LA accreditation and are marked with an asterisk “*” (Rev. 0)

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	R2508251-DFS	Class III Permissive Change (FCC) Class III Permissive Change (IC)	2025-09-10

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 model: C9136I-B (USA) and C9136I-A (Canada), FCC ID: LDKMU6CR2417, IC: 2461N-MU6CR2417, HVIN: C9136I-A V01, referred to as the “EUT” in this report. The EUT is a Cisco Catalyst 9136 Series Indoor Access Point with BLE, 2.4 GHz Wi-Fi, 5 GHz Wi-Fi, and 6 GHz Wi-Fi capabilities.

The EUT is equipped with three radios: a Primary 4x4 radio, a Secondary 4x4 radio, and an AUX radio that works in conjunction with Primary or Secondary radios. Both Primary 4x4 and Secondary 4x4 radios can be combined as a Primary 8x8 dual radio.

Primary 4x4 and Secondary 4x4 single radios support bandwidths of up to 80 MHz while Primary 8x8 dual radio support bandwidths up to 80+80 MHz.

The similar model below:

- C9136I-A (Canada)

is electrically identical to the tested model C9136I-B (USA).

1.2 Mechanical Description of EUT

The EUT measures approximately 25.1 cm (L) x 25.1 cm (W) x 5.6 cm (H) and weighs approximately 1.65 kg.

The data gathered was from a production sample provided by Cisco Systems, Inc. with S/N: FOC25433JMG

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, FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 and FCC KDB 484596 Referencing Test Data v03.

The purpose of this report is to submit Class III (FCC & IC) Permissive Change requests to enable Ultra-Reliable Wireless Backhaul (URWB) technology, which introduces two additional DFS modes: Point-to-Multipoint (P2MP) and Client with Radar Detection. 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.

The DFS test data is referenced from the parent device’s (FCC ID: LDKVEHVR2777, IC: 2461N-VEHVR2777) test report and supported by spot-checking Radar Detection/Statistical Performance, in accordance with FCC KDB 484596. The difference between parent and variant devices are explained in the Data Referencing Test Plan document.

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.

The DFS spot-checking and data referencing in this report were conducted in accordance with FCC KDB FCC KDB 484596 Referencing Test Data v03.

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 Single Radio + 5 GHz AUX Radio	100	5500	20
	102	5510	40
	106*	5530	80
5 GHz Secondary 4x4 Single Radio + 5 GHz AUX Radio	100	5500	20
	102	5510	40
	106*	5530	80
5 GHz Primary 8x8 Dual Radio + 5 GHz AUX Radio	100	5500	20
	102	5510	40
	106	5530	80
	114*	5570	80+80

Note *: Only the highest bandwidth per each radio configuration was spot-checked for variant device.

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
Cisco Systems, Inc.	Single Port POE	POEO75U-1BT-C	-

2.7 Interface Ports and Cabling

Cable Description	Length (m)	From	To
RJ45	0.5	EUT	POE
RJ45-to-USB	3.0	EUT	Laptop

3 Summary of Test Results

Test Item	Description of Test	Referenced Section in the Parent Device's Test Report	Results
Performance Requirements Check	Initial Channel Availability Check (CAC) Time	Section 6.2, Page 22 (Data) Annex C, Page 81 (Plots)	Compliant ¹
	Radar Burst at the Beginning of the CAC	Section 6.2, Page 22 (Data) Annex C, Page 81 (Plots)	Compliant ¹
	Radar Burst at the End of the CAC	Section 6.2, Page 22 (Data) Annex C, Page 81 (Plots)	Compliant ¹
In-Service Monitoring	Channel Move Time	Section 7.2, Page 24 (Data) Annex D, Page 87 (Plots)	Compliant ¹
	Channel Closing Transmission Time	Section 7.3, Page 25 (Data) Annex D, Page 87 (Plots)	Compliant ¹
	Non-Occupancy Period (NOP)	Section 7.4, Page 26 (Data) Annex E, Page 96 (Plots)	Compliant ¹
Radar Detection	Statistical Performance Check	Section 8.2, Page 28 (Data) Annex F, Page 102 (Detailed Result)	Compliant ^{1 2}
	U-NII Detection Bandwidth	Section 8.3, Page 36 (Data) Annex G, Page 799 (Detailed Result) Annex H, Page 813 (OBW Plots)	Compliant ¹

Note 1: Please refer to parent device's BACL Report R2507151-DFS for detailed test results.

Note 2: Only spot-checks were performed, with 10 trials conducted at the widest bandwidth for each applicable radar type.

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	$\text{Roundup} \left(\frac{1}{\left(\frac{360}{\text{PRI}_{\mu\text{sec}}} \right)} \right)$	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

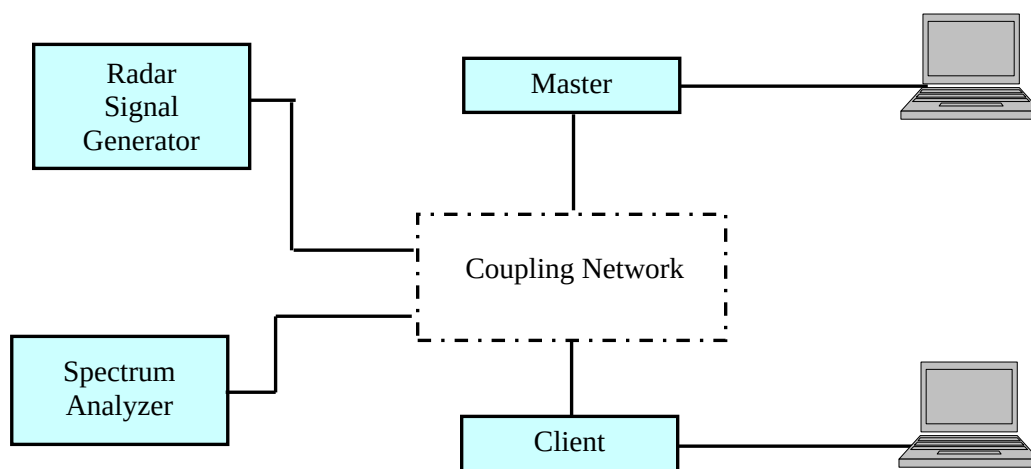
Table 7: Frequency Hopping Radar Test Signal

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

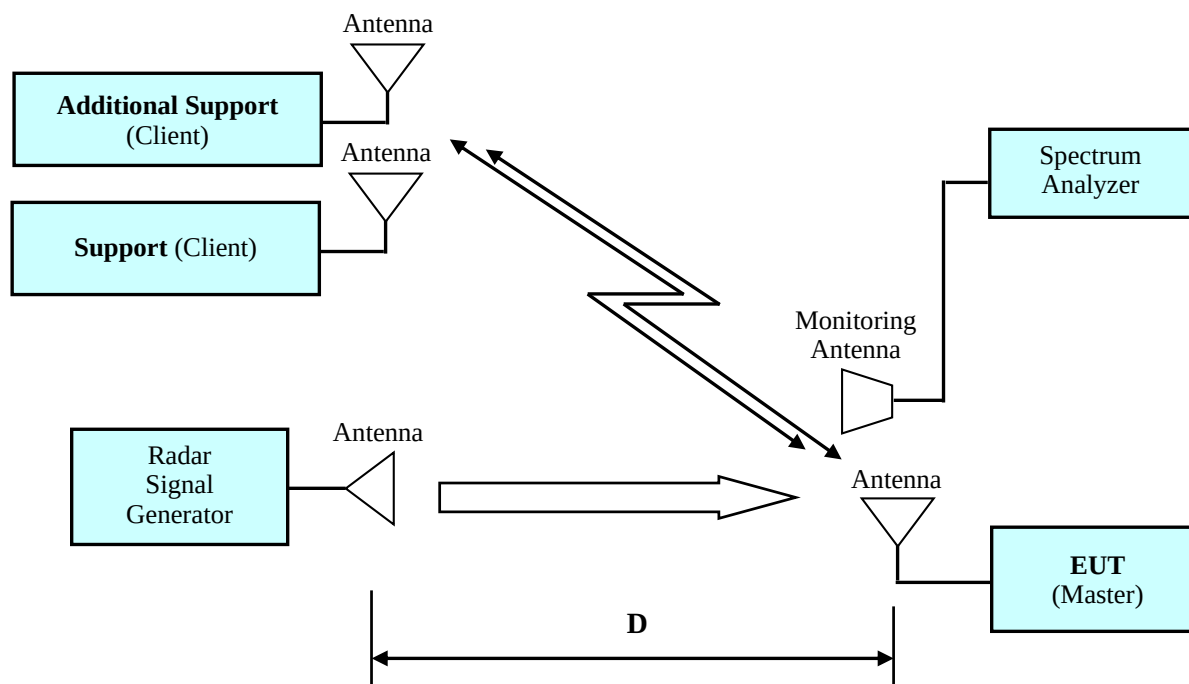
4.3 DFS Measurement System

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

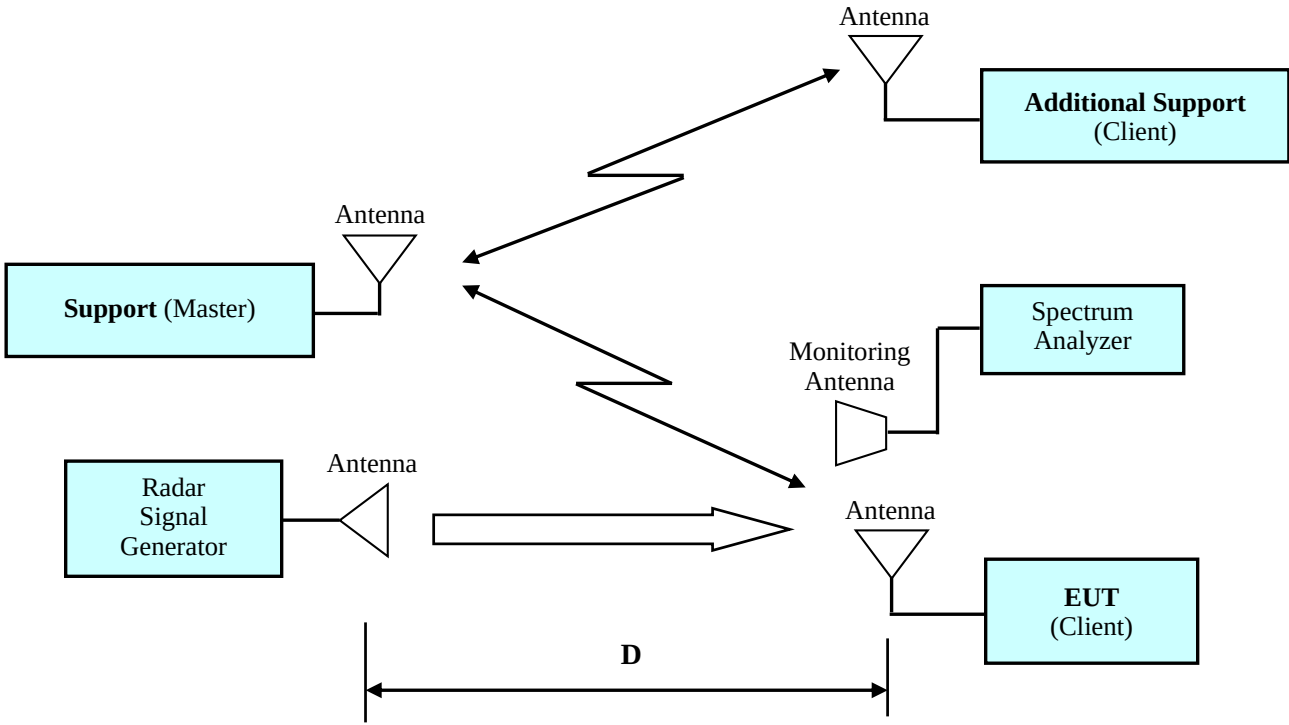
4.4 Test System Block Diagram



4.5 Test Setup Block Diagram (Radiated Method)

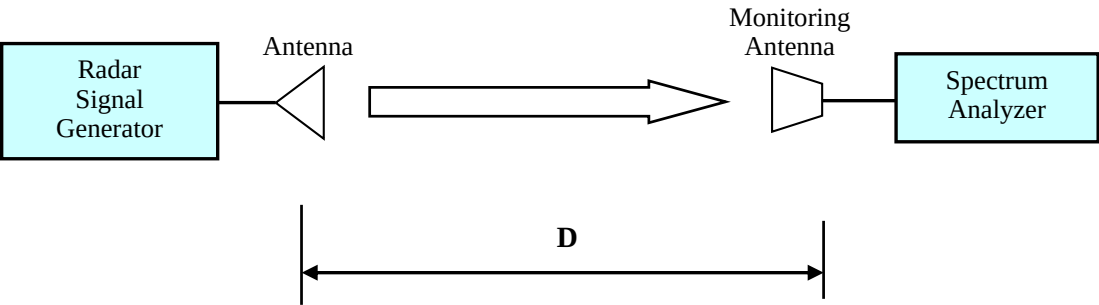


Test Setup for Master Mode, Radar Injection at Master (P2MP)



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 Single Radio + 5 GHz AUX Radio	P2MP	5	> 23	-64	-64 ^{Note 1}
	Client	5	> 23	-64	-64 ^{Note 1}
5 GHz Secondary 4x4 Single Radio + 5 GHz AUX Radio	P2MP	5	> 23	-64	-64 ^{Note 1}
	Client	5	> 23	-64	-64 ^{Note 1}
5 GHz Primary 8x8 Dual Radio + 5 GHz AUX Radio	P2MP	5	> 23	-64	-64 ^{Note 1}
	Client	5	> 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.

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

Antenna Type	Radio	Antenna Part Number	Frequency (MHz)	Antenna Gain (dBi)
Internal, Omni-Directional	5 GHz Primary 4x4	-	5150-5850	5.0
Internal, Omni-Directional	5 GHz AUX	-	5150-5850	5.0

Note: The 5 GHz Primary 8x8 Dual Radio configuration also has an antenna gain of 5.0 dBi.

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
188	Sunol Sciences	Horn Antenna	DRH-118	A052704	2023-11-06	2 years
473	EMCO	Antenna Horn	3115	9511-4627	2024-11-26	2 years
1120	Megaphase	20ft SMA-SMA RF cable	GC28-S1S1-240	1GVT4 18182702	2025-07-01	6 months
1576	Harbour Industries	SMA 1m RF cable	PCBL-C9542	BACL 1809073	2025-07-14	6 months

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:	25.1 to 25.4 °C
Relative Humidity:	55 to 56 %
ATM Pressure:	101.8 kPa

The testing was performed by Michael Papa and Kevin Chau from 8/28/2025 to 8/29/2025 at DFS test site.

6 Radar Detection (Spot-Check)

6.1 Test Procedure

Statistical Performance Spot-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 10 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%

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

DFS Data Referencing

Per KDB 484596 Referencing Test Data v03 Section 6.2:

DFS Data Referencing is allowed if the device meets the requirements of KDB 905462. For instance, the DFS test for the parent device report includes 30 trials per bandwidth mode (20, 40, and 80 MHz) and for each radar waveform. For an approved variant device (that could also feature non-DFS-related changes), the DFS spot-check test report may include ten trials for the most expansive bandwidth mode (80 MHz) and each radar waveform to demonstrate the required passing percentage for each waveform.

DFS Spot-Check Parameters and Passing Criterion

The spot-check test results must also meet the minimum percentage of successful detections for each individual radar type, as well as for the aggregate of radar types 1-4, in accordance with FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02.

6.2 Statistical Performance Spot-Check & Data Referencing Test Results

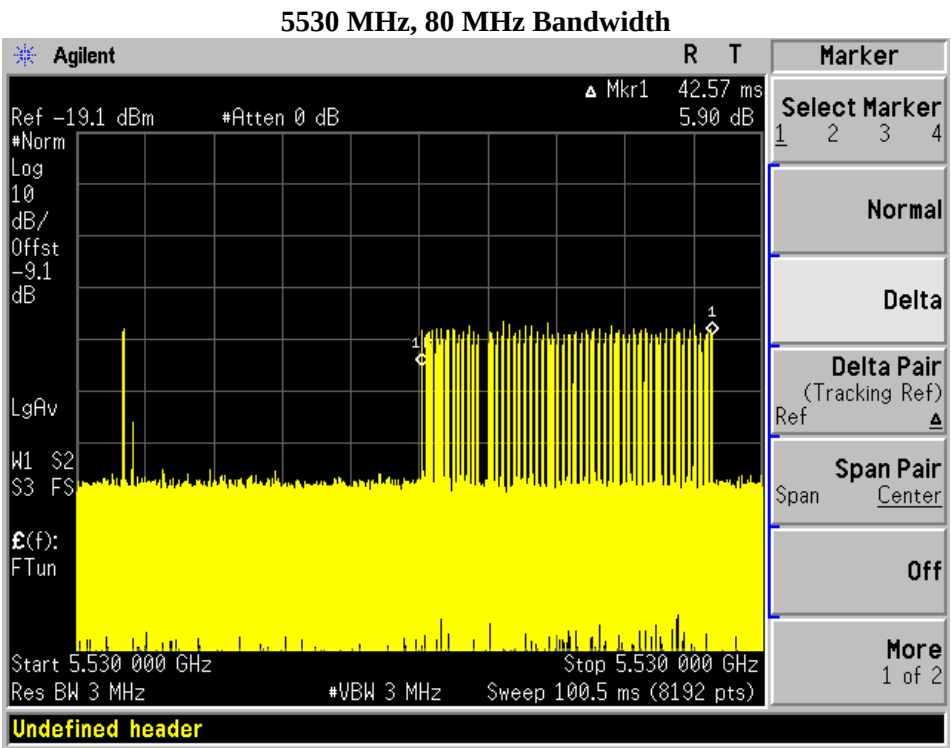
Dynamic Frequency Selection (DFS) Statistical Performance Spot-Check					
Frequency & Bandwidth	Radar Signal Type	Parent Device Reference Detection (%)	Variant Device Spot-Check Detection (%)	Passing Criterion	Pass/Fail
5 GHz Primary 4x4 Single Radio + 5 GHz AUX Radio (P2MP Mode)					
5530 MHz, 80 MHz Bandwidth	Type 1A/1B	93.33	100	$\geq 60\%$	Pass
	Type 2	86.66	90	$\geq 60\%$	Pass
	Type 3	73.33	90	$\geq 60\%$	Pass
	Type 4	76.66	70	$\geq 60\%$	Pass
	Aggregate (Type 1 to 4)	82.5	87.5	$\geq 80\%$	Pass
	Type 5	100	100	$\geq 80\%$	Pass
	Type 6	93.33	100	$\geq 70\%$	Pass
5 GHz Primary 4x4 Single Radio + 5 GHz AUX Radio (Client Mode with Radar Detection)					
5530 MHz, 80 MHz Bandwidth	Type 1A/1B	90	90	$\geq 60\%$	Pass
	Type 2	90	100	$\geq 60\%$	Pass
	Type 3	76.66	100	$\geq 60\%$	Pass
	Type 4	83.33	80	$\geq 60\%$	Pass
	Aggregate (Type 1 to 4)	85	92.5	$\geq 80\%$	Pass
	Type 5	100	100	$\geq 80\%$	Pass
	Type 6	96.66	100	$\geq 70\%$	Pass
5 GHz Secondary 4x4 Single Radio + 5 GHz AUX Radio (P2MP Mode)					
5530 MHz, 80 MHz Bandwidth	Type 1A/1B	100	100	$\geq 60\%$	Pass
	Type 2	76.66	80	$\geq 60\%$	Pass
	Type 3	70	90	$\geq 60\%$	Pass
	Type 4	73.33	80	$\geq 60\%$	Pass
	Aggregate (Type 1 to 4)	80	87.5	$\geq 80\%$	Pass
	Type 5	93.33	100	$\geq 80\%$	Pass
	Type 6	100	100	$\geq 70\%$	Pass

Dynamic Frequency Selection (DFS) Statistical Performance Spot-Check					
Frequency & Bandwidth	Radar Signal Type	Parent Device Reference Detection (%)	Variant Device Spot-Check Detection (%)	Passing Criterion	Pass/Fail
5 GHz Secondary 4x4 Single Radio + 5 GHz AUX Radio (Client with Radar Detection Mode)					
5530 MHz, 80 MHz Bandwidth	Type 1A/1B	90	90	$\geq 60\%$	Pass
	Type 2	80	90	$\geq 60\%$	Pass
	Type 3	80	100	$\geq 60\%$	Pass
	Type 4	73.33	100	$\geq 60\%$	Pass
	Aggregate (Type 1 to 4)	80.83	95	$\geq 80\%$	Pass
	Type 5	100	100	$\geq 80\%$	Pass
	Type 6	90	100	$\geq 70\%$	Pass
5 GHz Primary 8x8 Dual Radio + 5 GHz AUX Radio (P2MP Mode)					
5570 MHz, 80+80 MHz Bandwidth	Type 1A/1B	83.33	100	$\geq 60\%$	Pass
	Type 2	86.66	90	$\geq 60\%$	Pass
	Type 3	83.33	90	$\geq 60\%$	Pass
	Type 4	73.33	100	$\geq 60\%$	Pass
	Aggregate (Type 1 to 4)	81.66	95	$\geq 80\%$	Pass
	Type 5	90	100	$\geq 80\%$	Pass
	Type 6	96.66	100	$\geq 70\%$	Pass
5 GHz Primary 8x8 Dual Radio + 5 GHz AUX Radio (Client with Radar Detection Mode)					
5570 MHz, 80+80 MHz Bandwidth	Type 1A/1B	90	90	$\geq 60\%$	Pass
	Type 2	80	80	$\geq 60\%$	Pass
	Type 3	83.33	100	$\geq 60\%$	Pass
	Type 4	76.66	80	$\geq 60\%$	Pass
	Aggregate (Type 1 to 4)	82.5	87.5	$\geq 80\%$	Pass
	Type 5	86.66	100	$\geq 80\%$	Pass
	Type 6	100	100	$\geq 70\%$	Pass

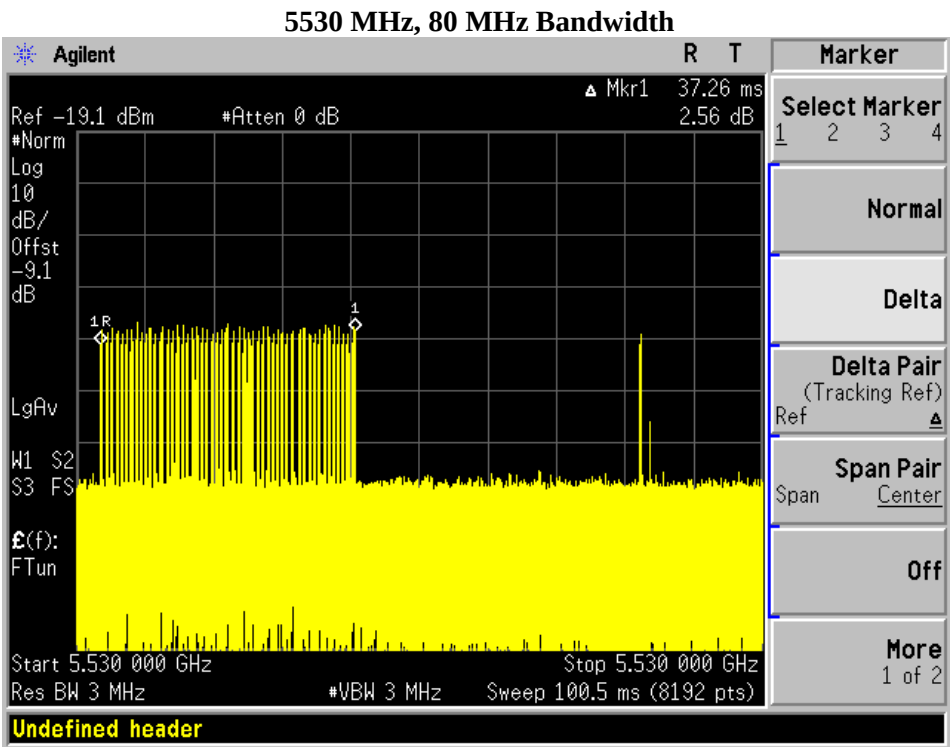
Please refer to Annex C for detailed Radar Detection Statistical Performance Spot-Check test results.

7 **Annex A – Radar Duty Cycle Plots**

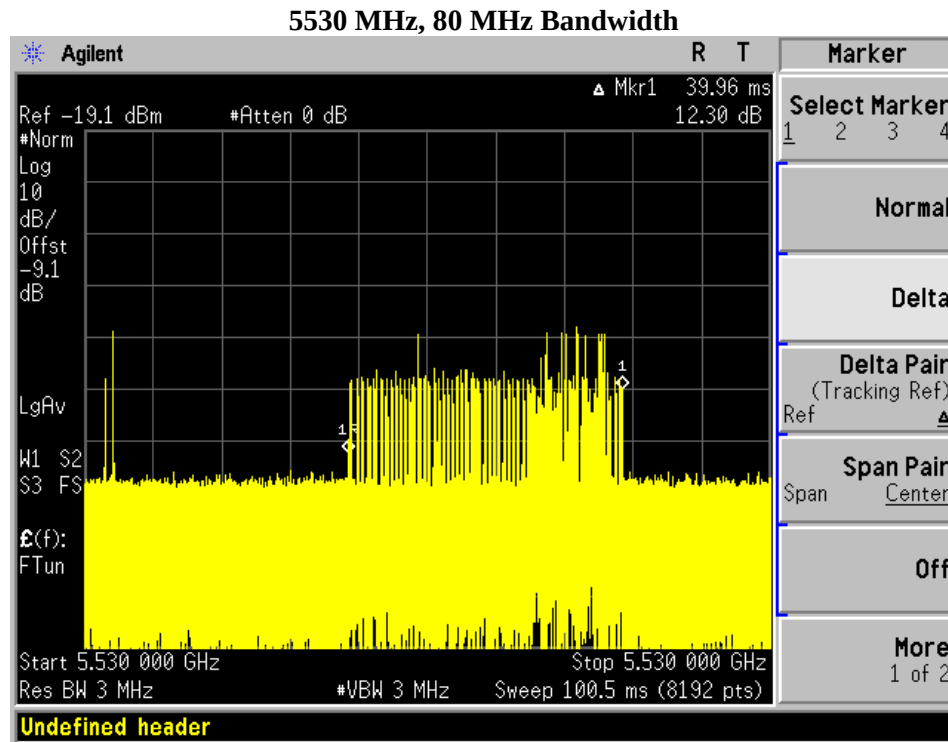
5 GHz Primary 4x4 Single Radio + 5 GHz AUX Radio (P2MP Mode)



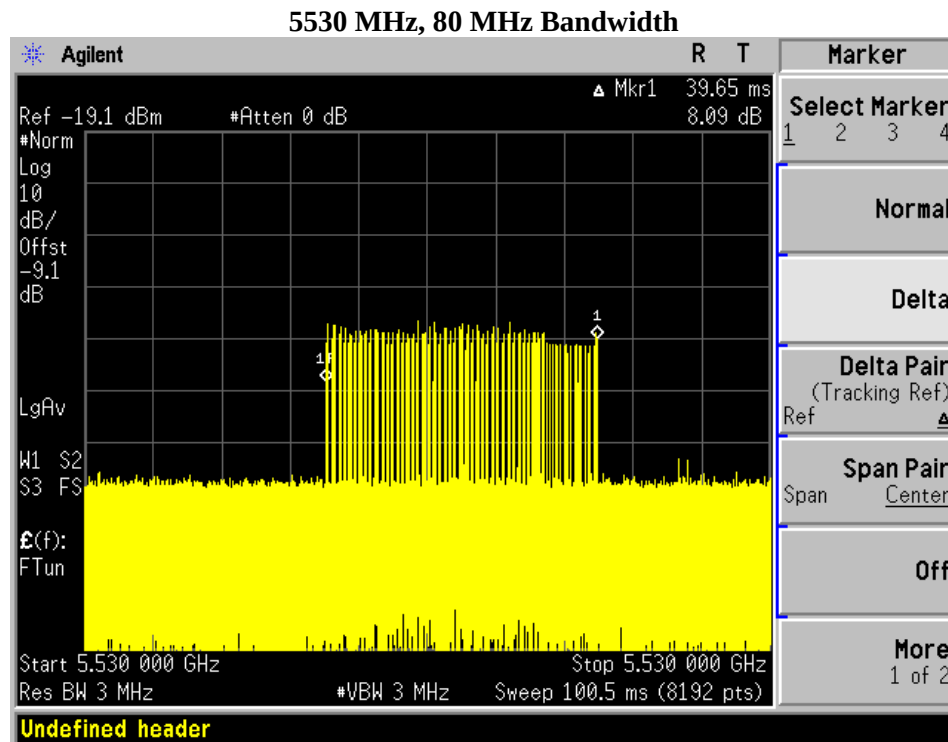
5 GHz Primary 4x4 Single Radio + 5 GHz AUX Radio (Client with Radar Detection Mode)



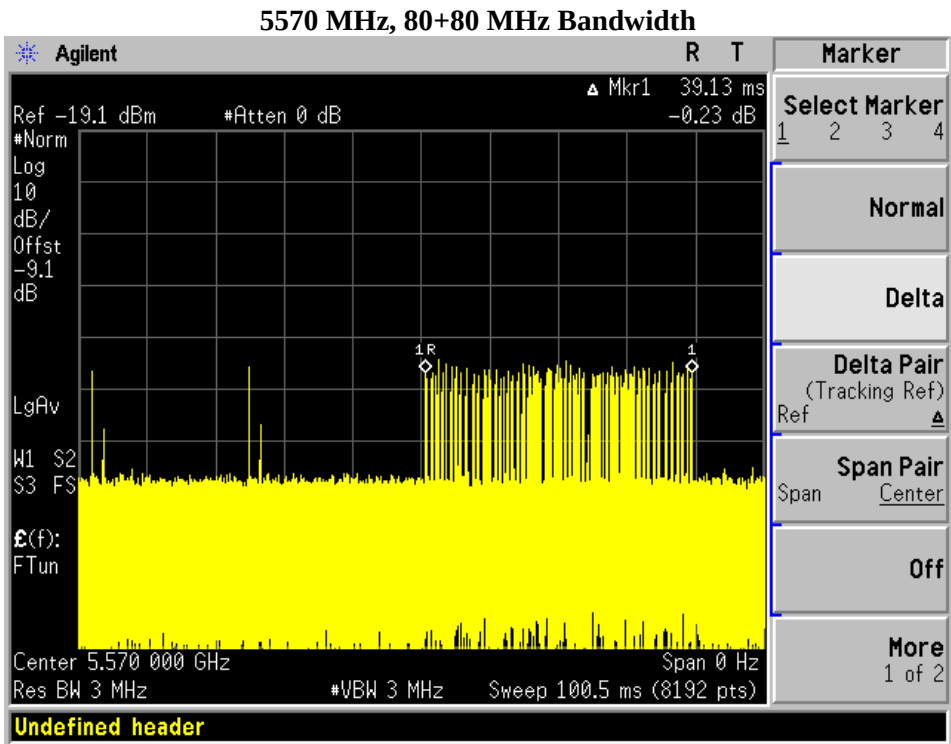
5 GHz Secondary 4x4 Single Radio + 5 GHz AUX Radio (P2MP Mode)



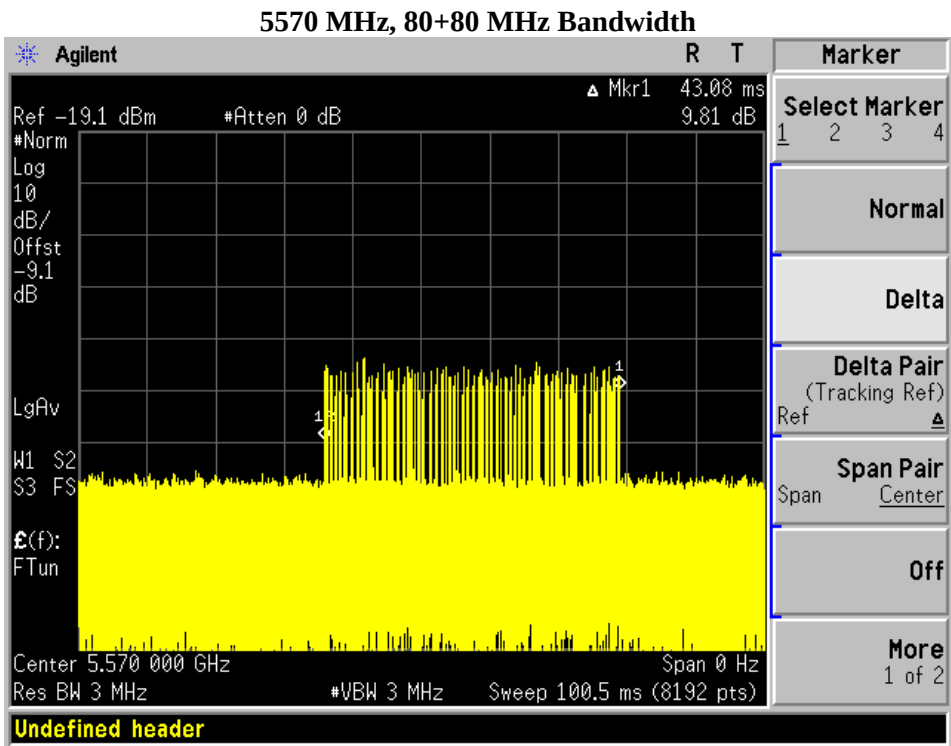
5 GHz Secondary 4x4 Single Radio + 5 GHz AUX Radio (Client with Radar Detection Mode)



5 GHz Primary 8x8 Dual Radio + 5 GHz AUX Radio (P2MP Mode)



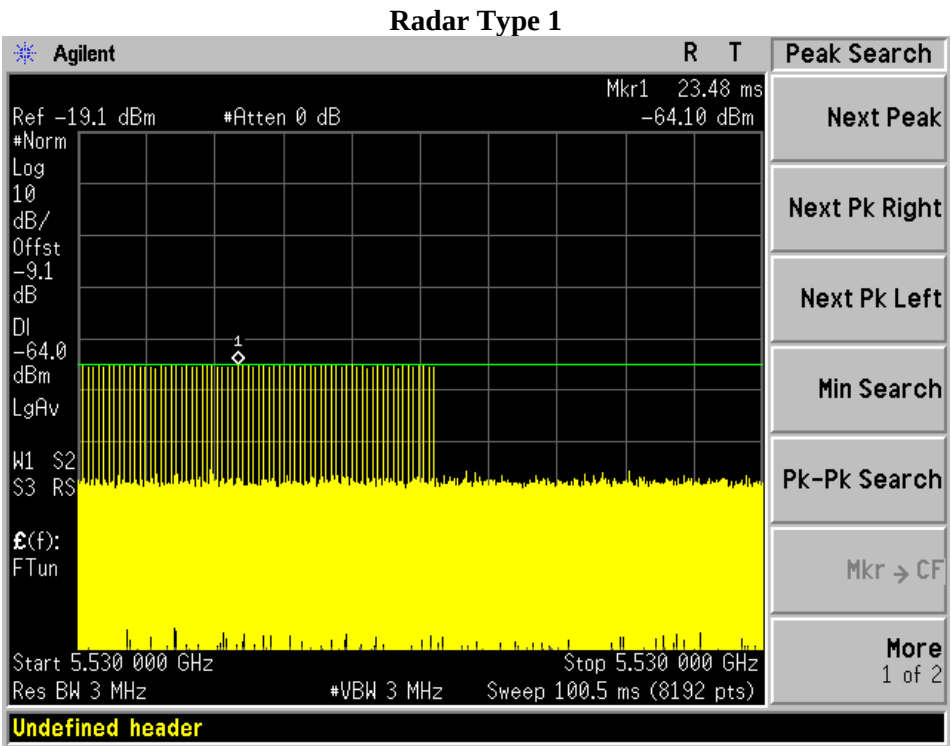
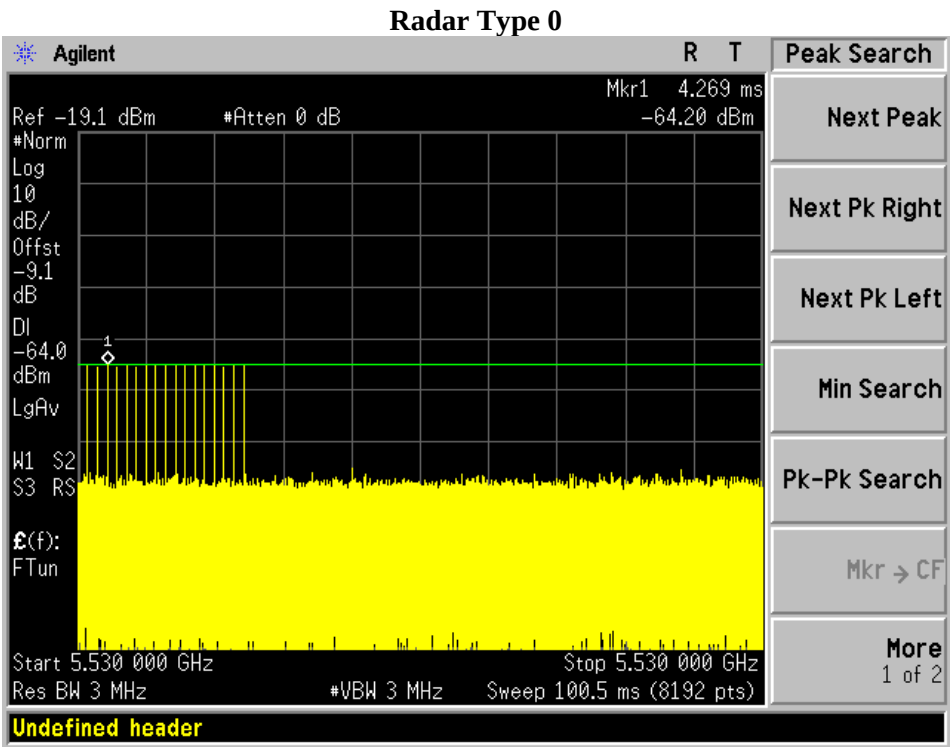
5 GHz Primary 8x8 Dual Radio + 5 GHz AUX Radio (Client with Radar Detection Mode)

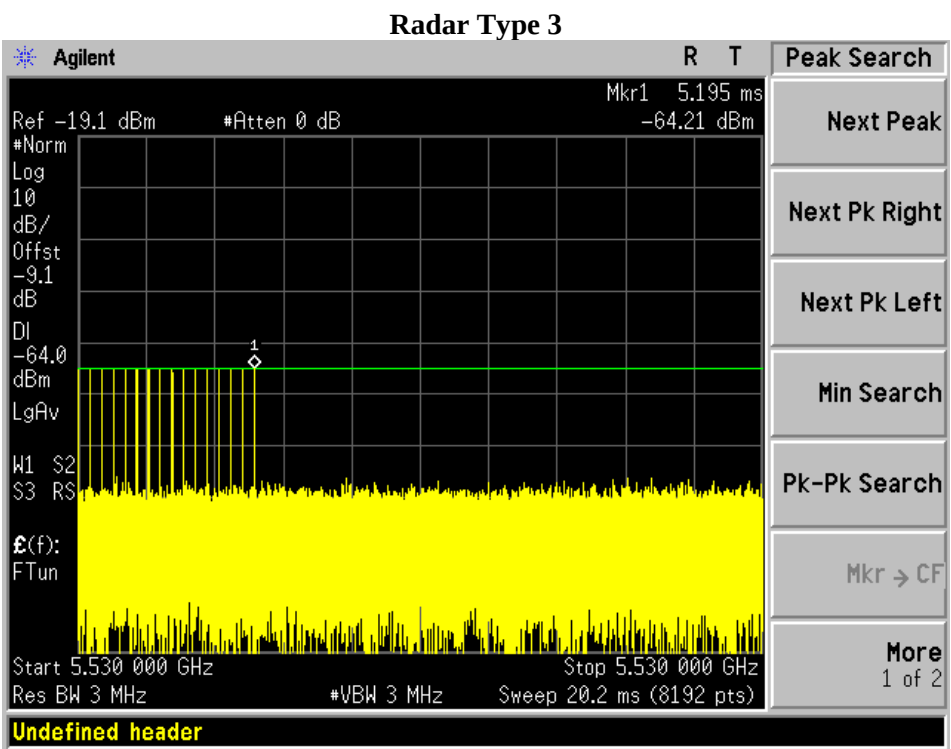
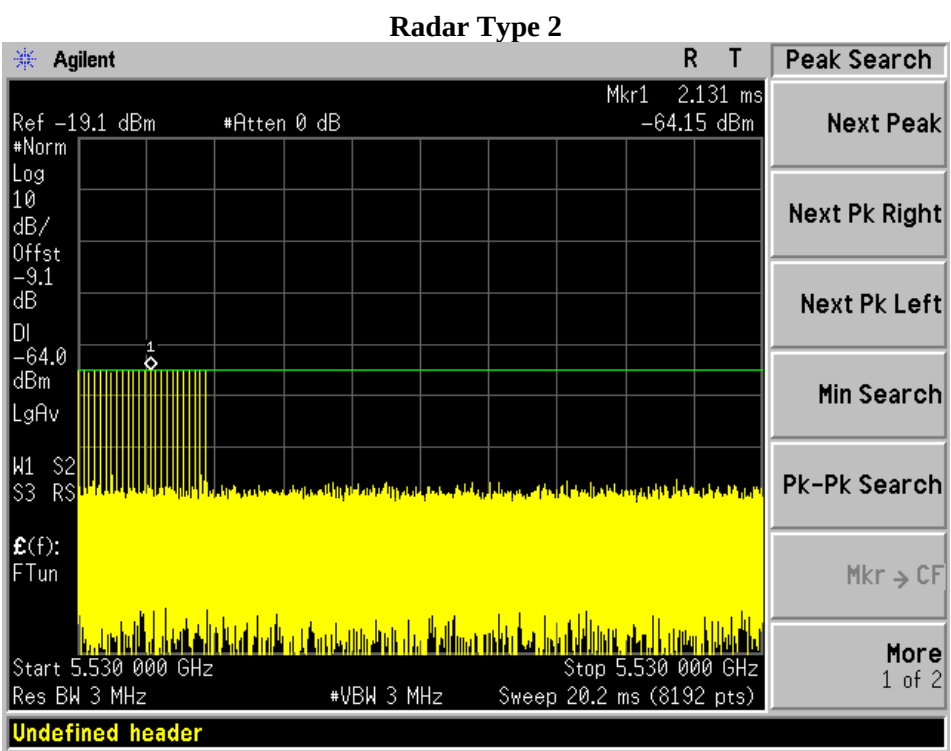


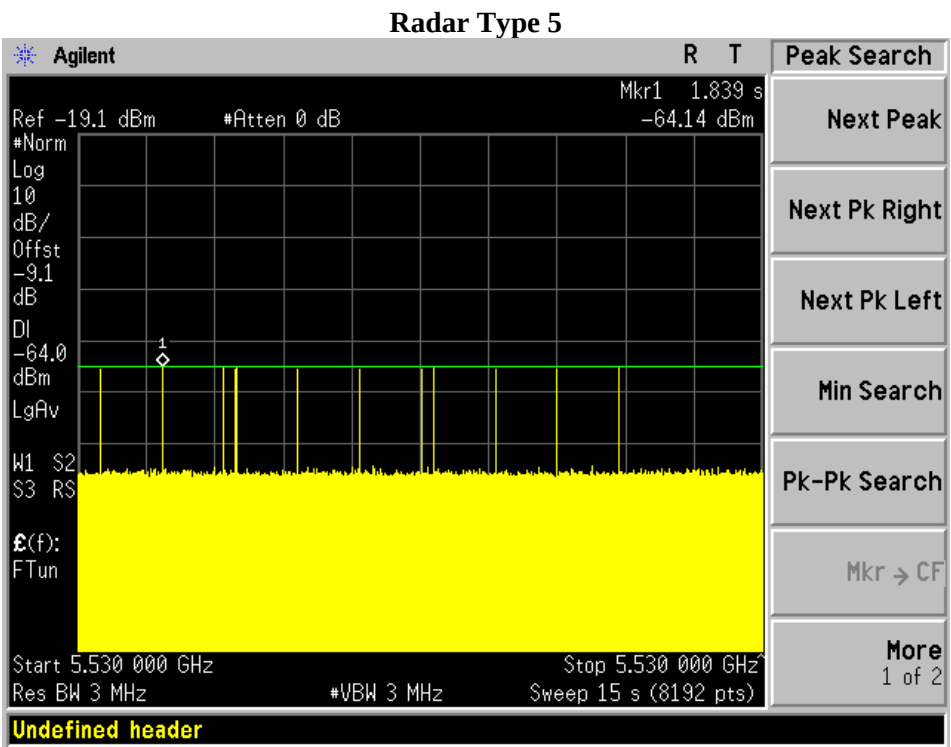
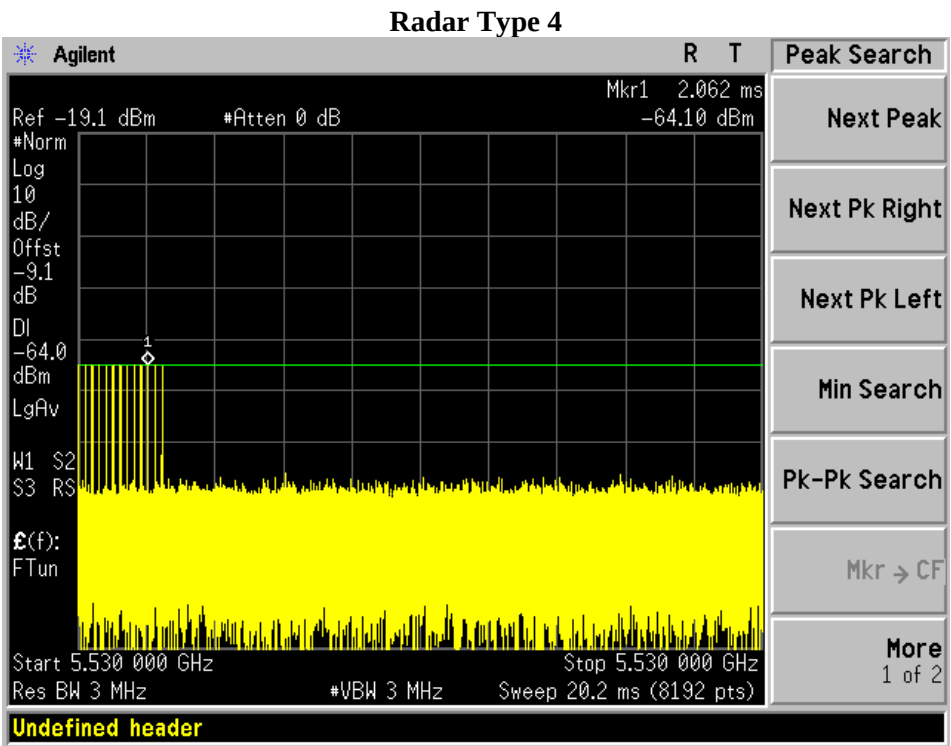
8 Annex B – Radar Waveform Calibration Plots

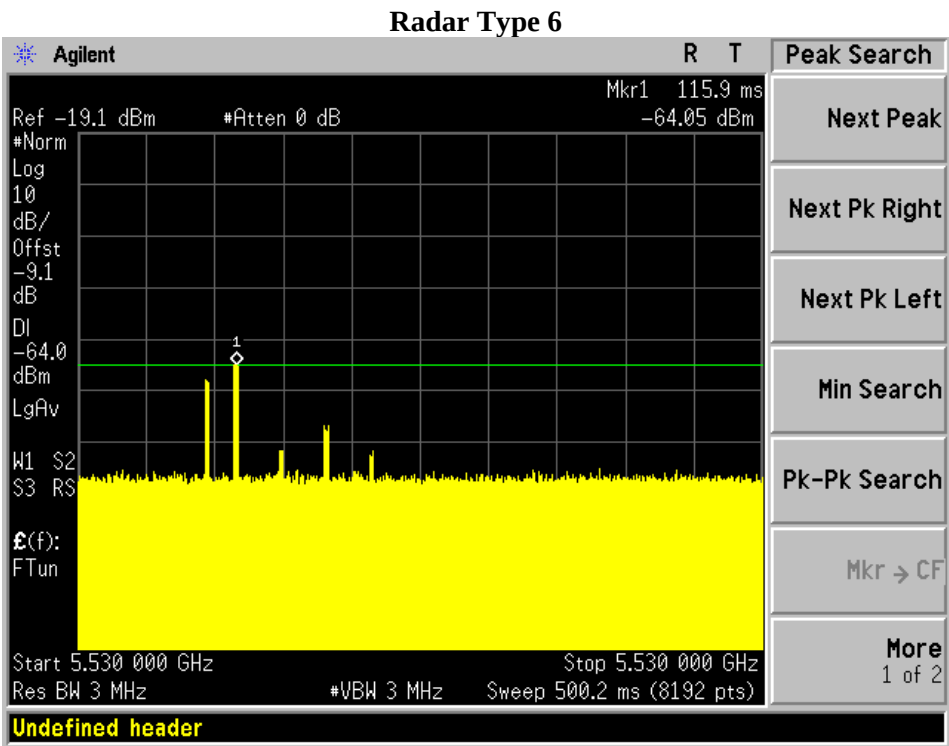
P2MP and Client with Radar Detection Mode for both Primary 4x4 and Primary 8x8 Dual Radios

5530 MHz, 80 MHz Bandwidth

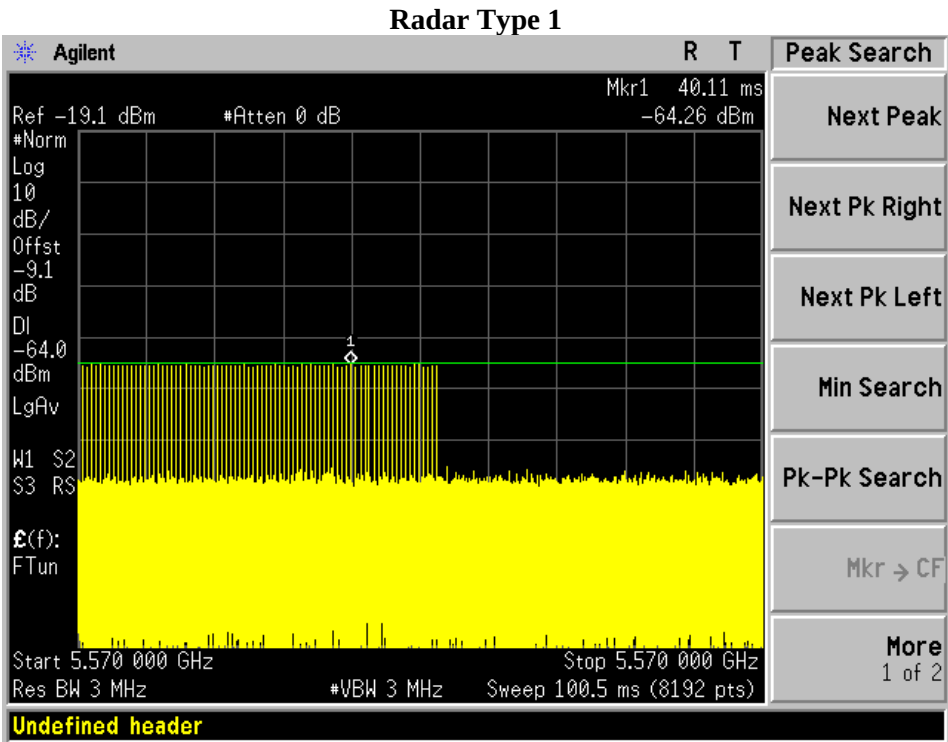
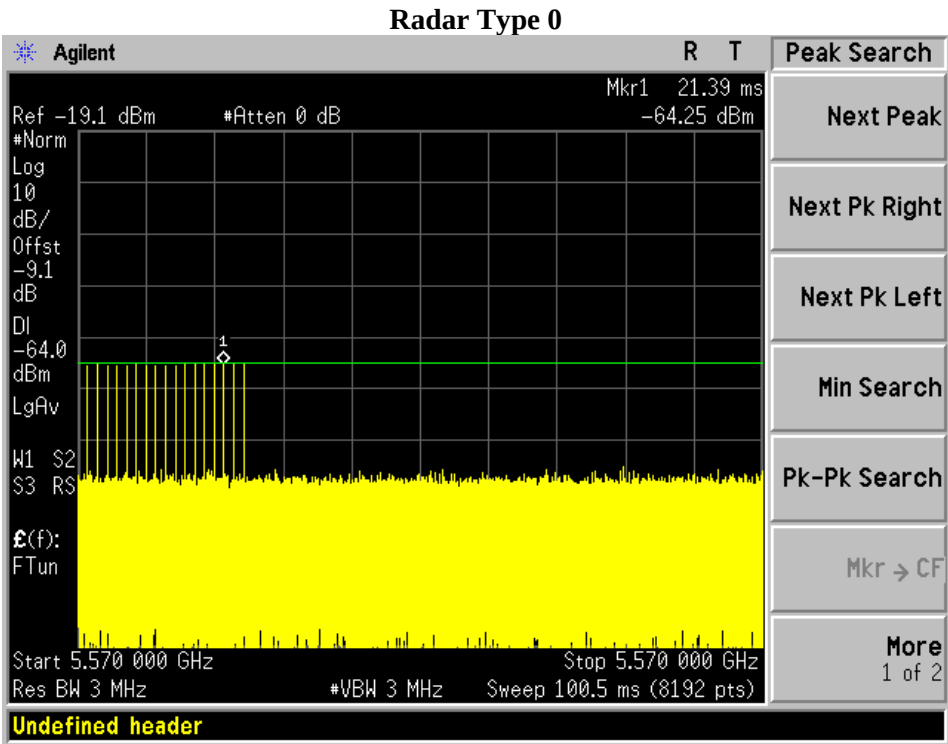


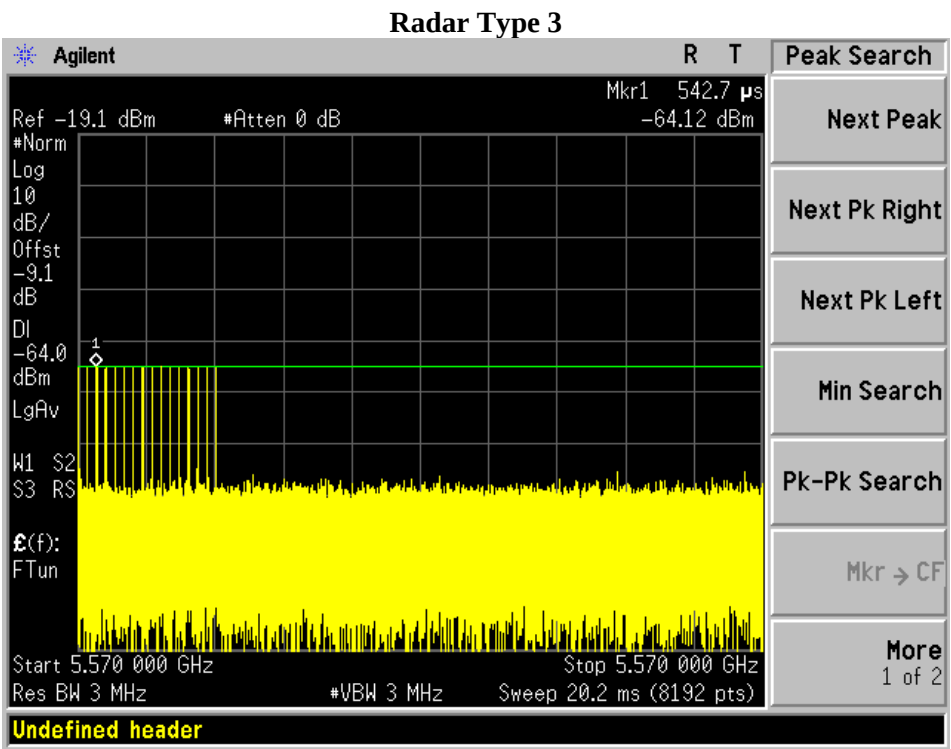
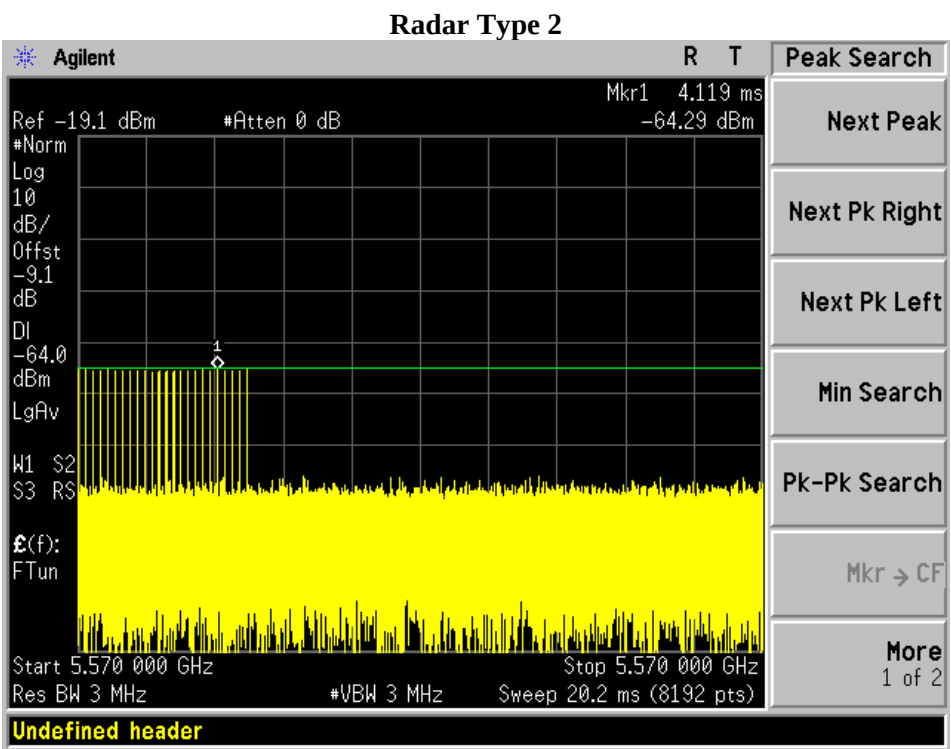


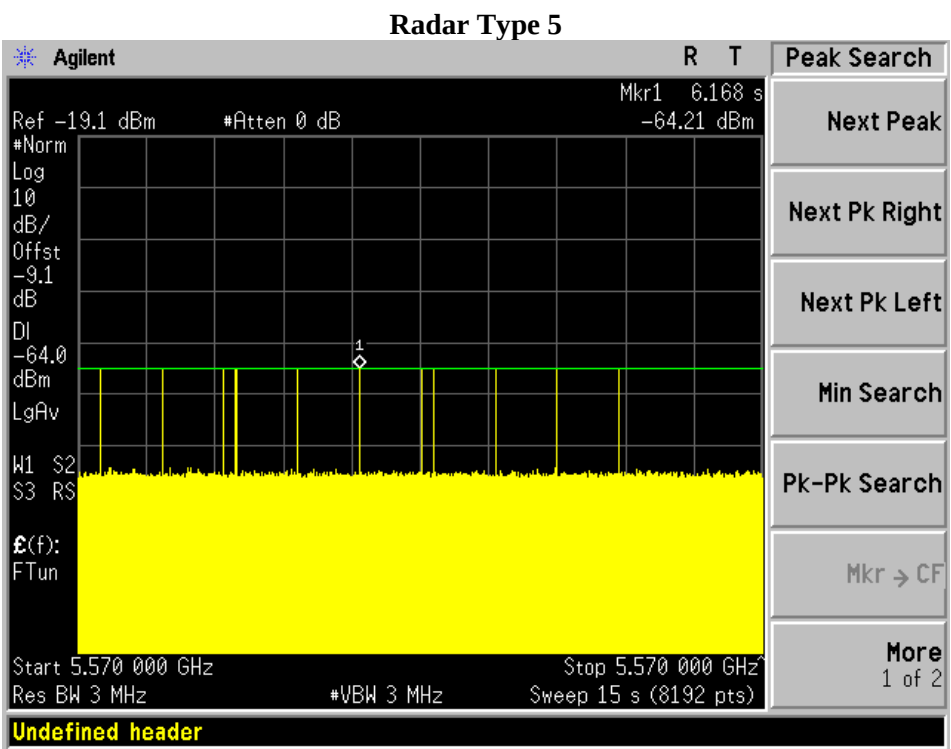
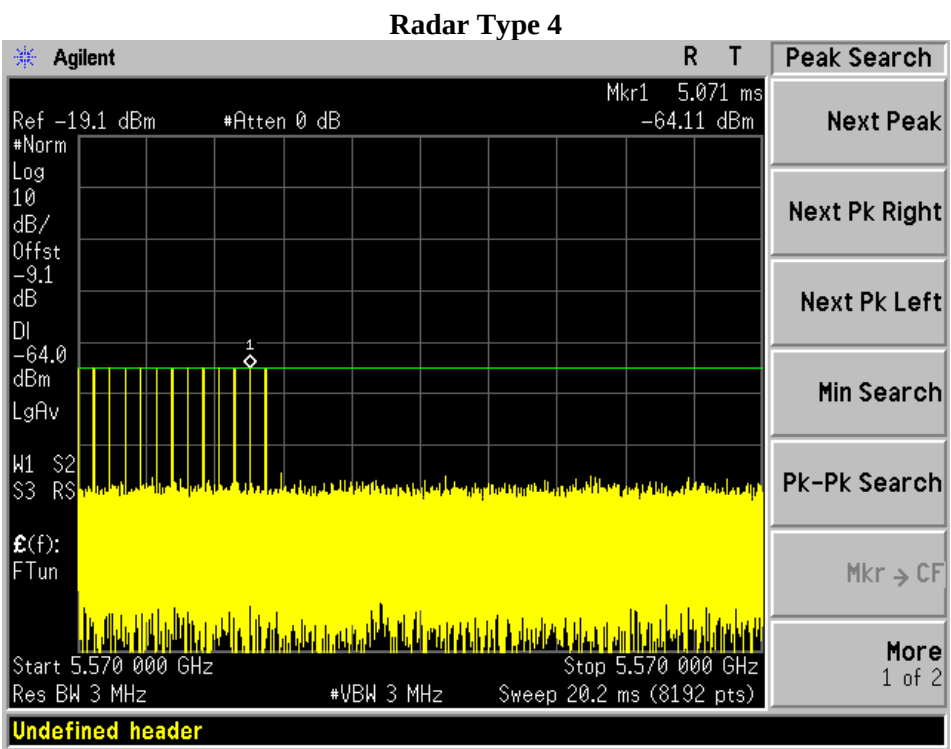


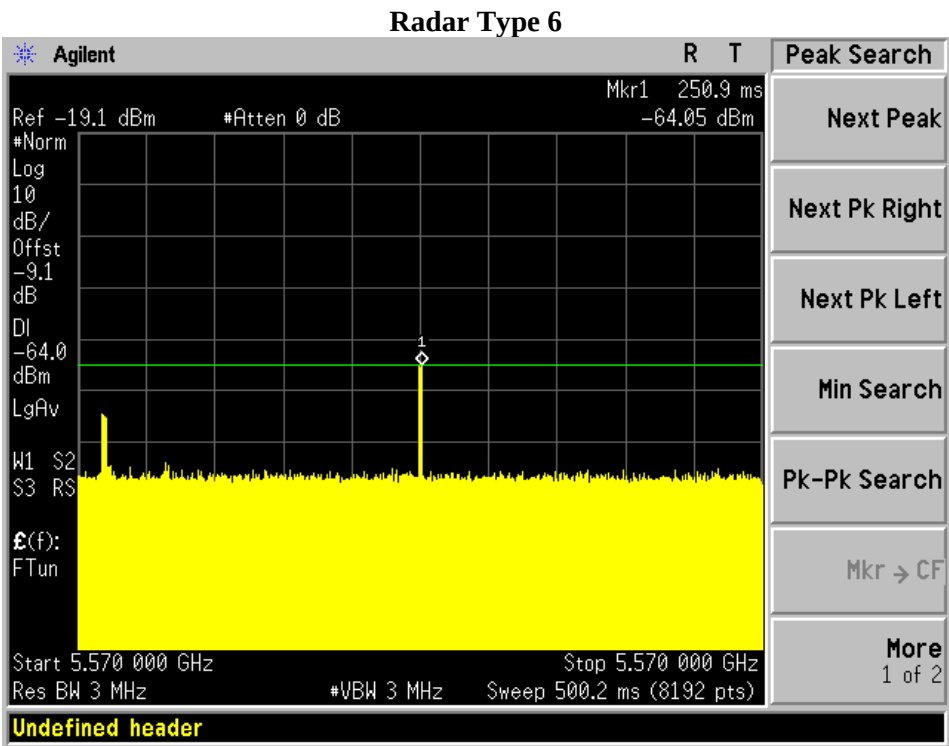


5570 MHz, 80+80 MHz Bandwidth



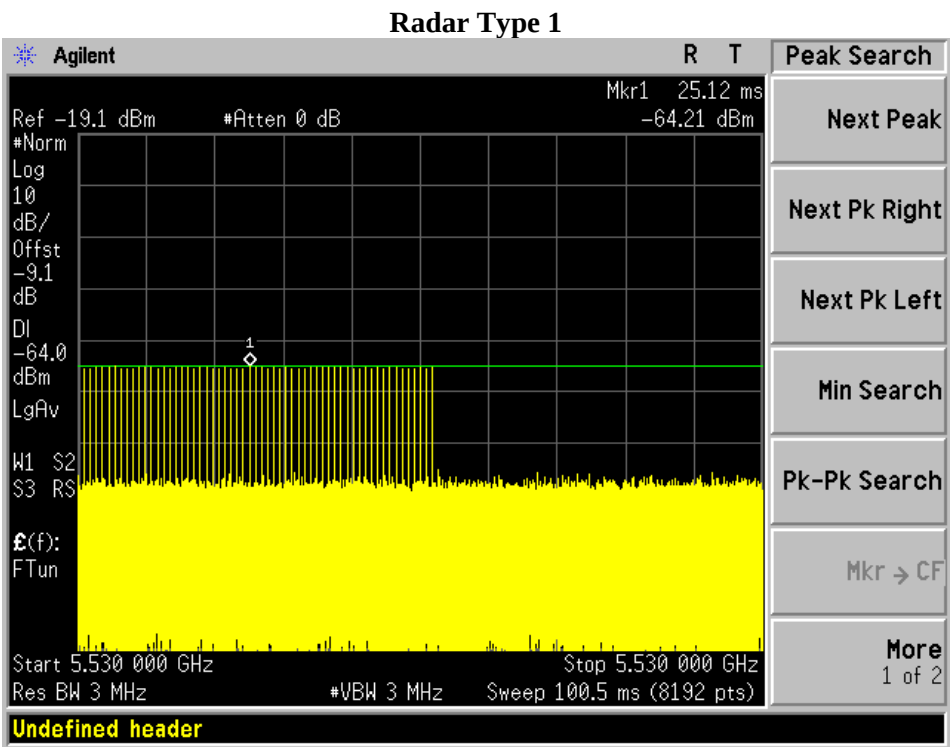
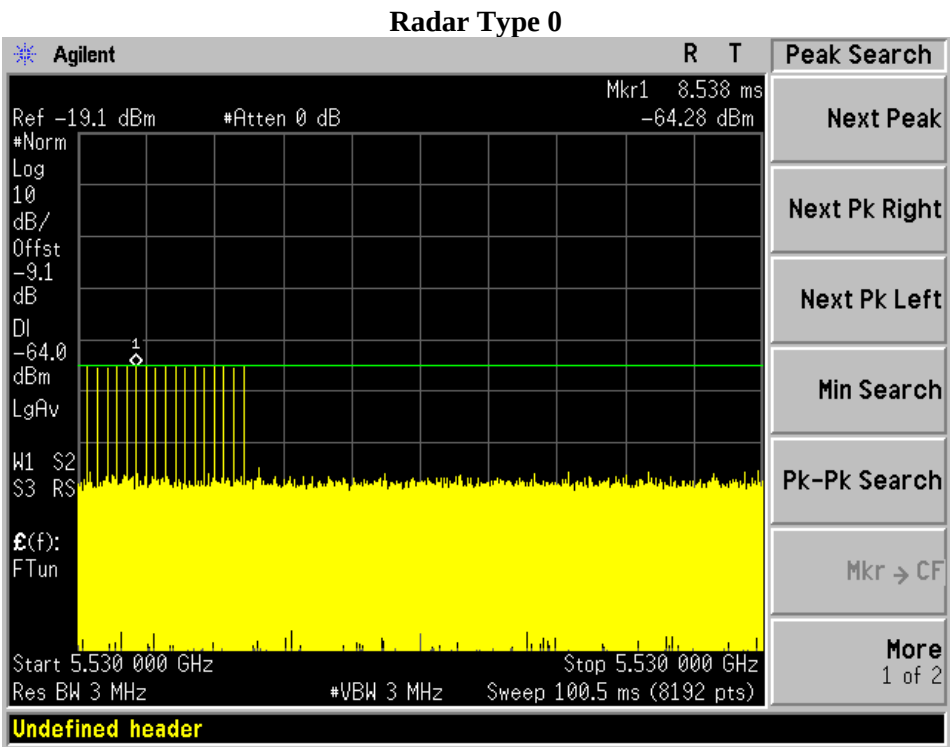


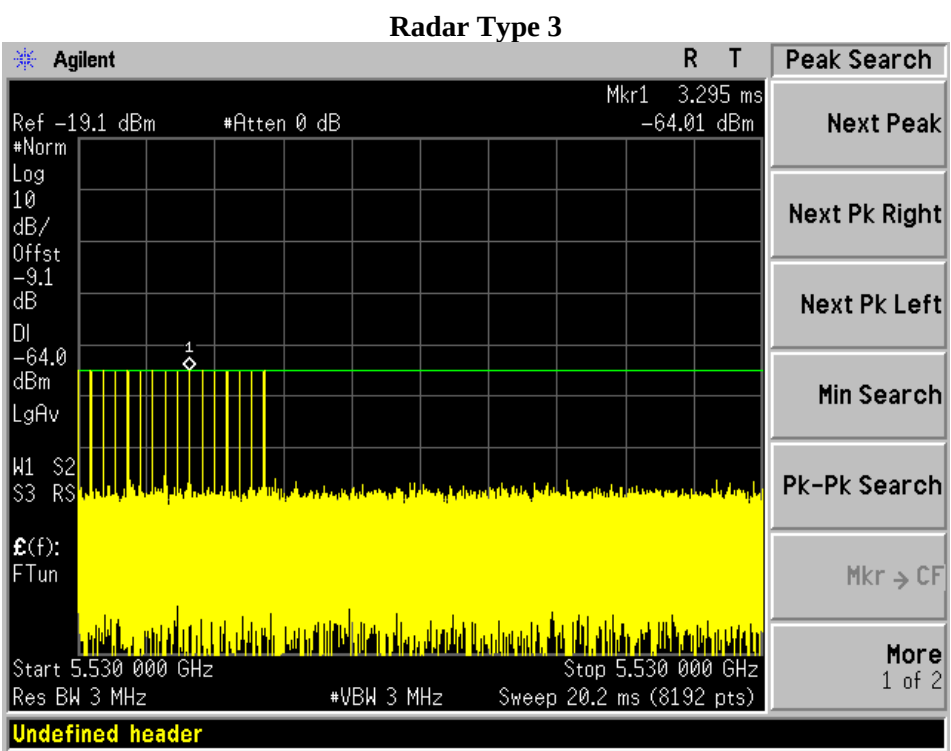
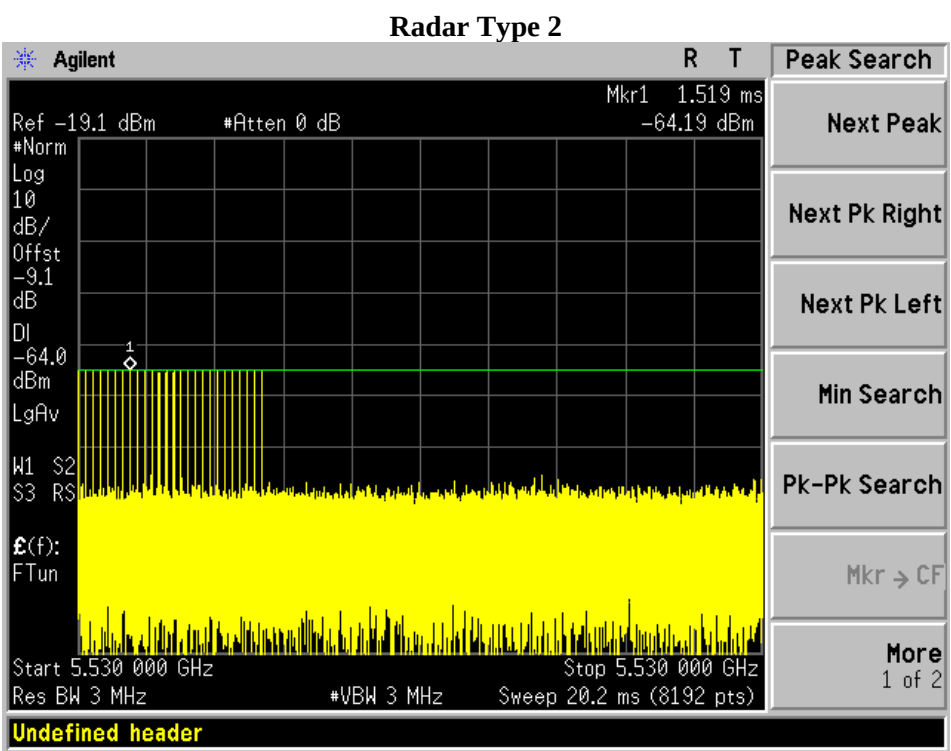


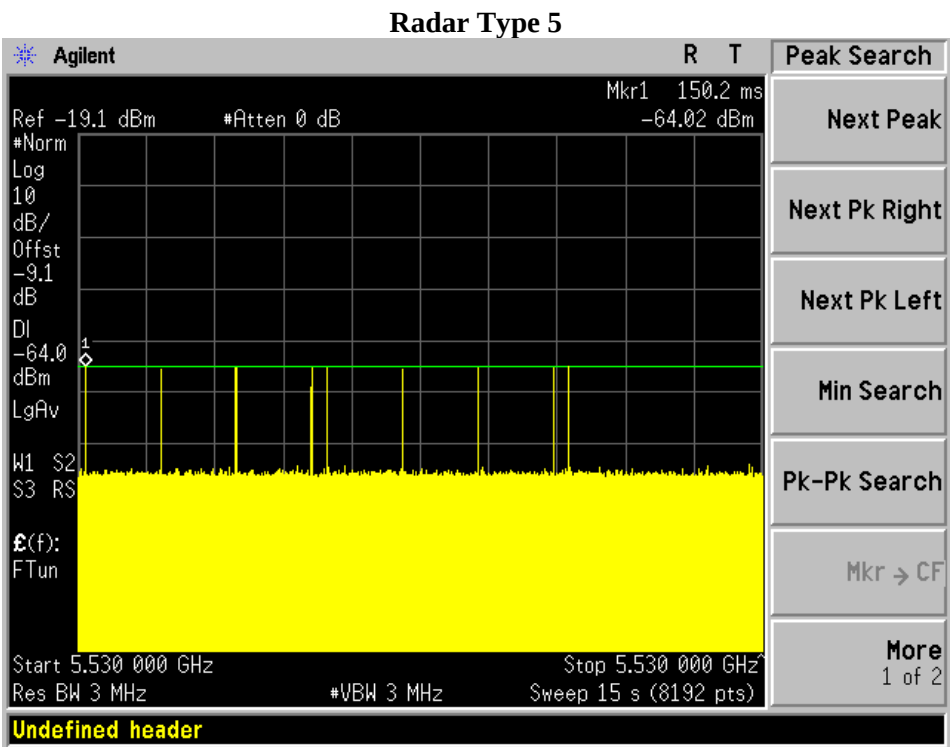
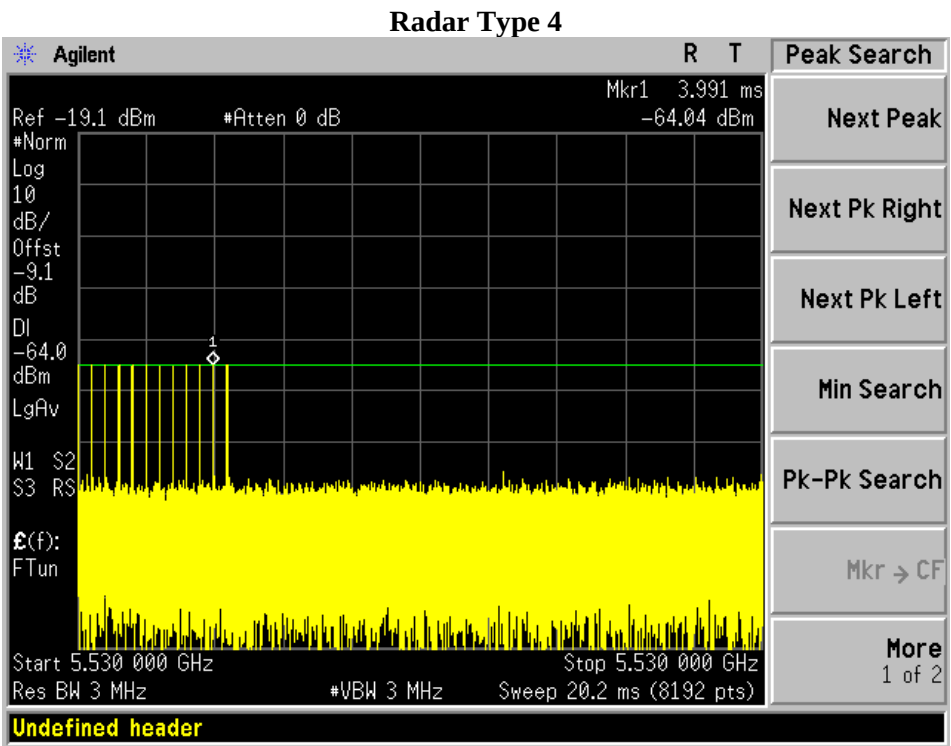


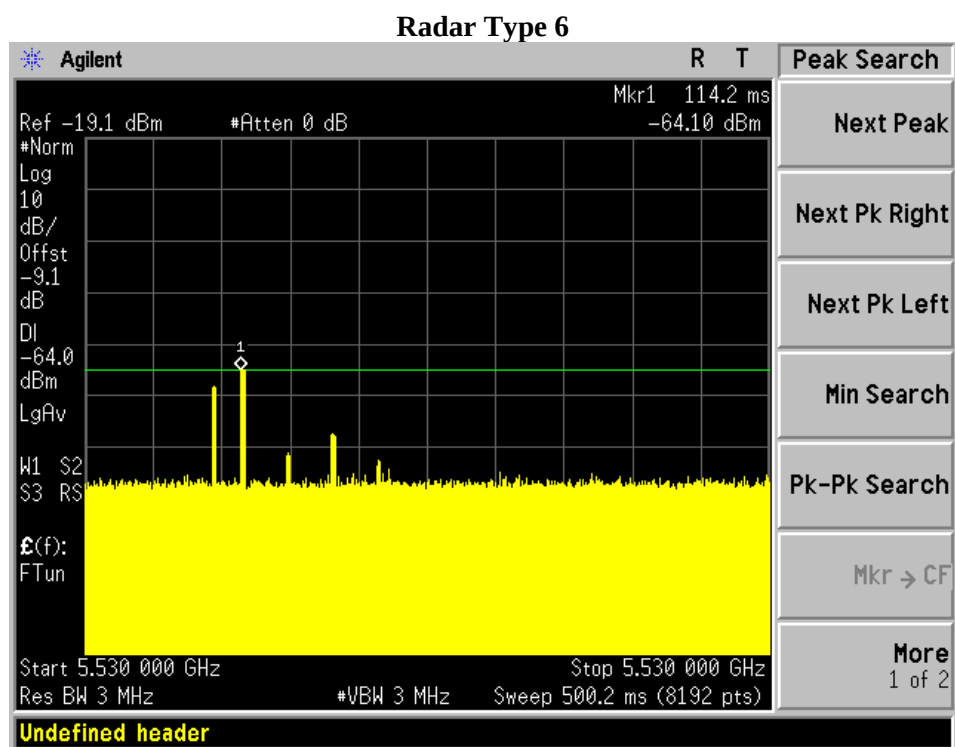
P2MP and Client with Radar Detection Mode for Secondary 4x4 and Primary 8x8 Dual Radios (2nd half)

5530 MHz, 80 MHz Bandwidth

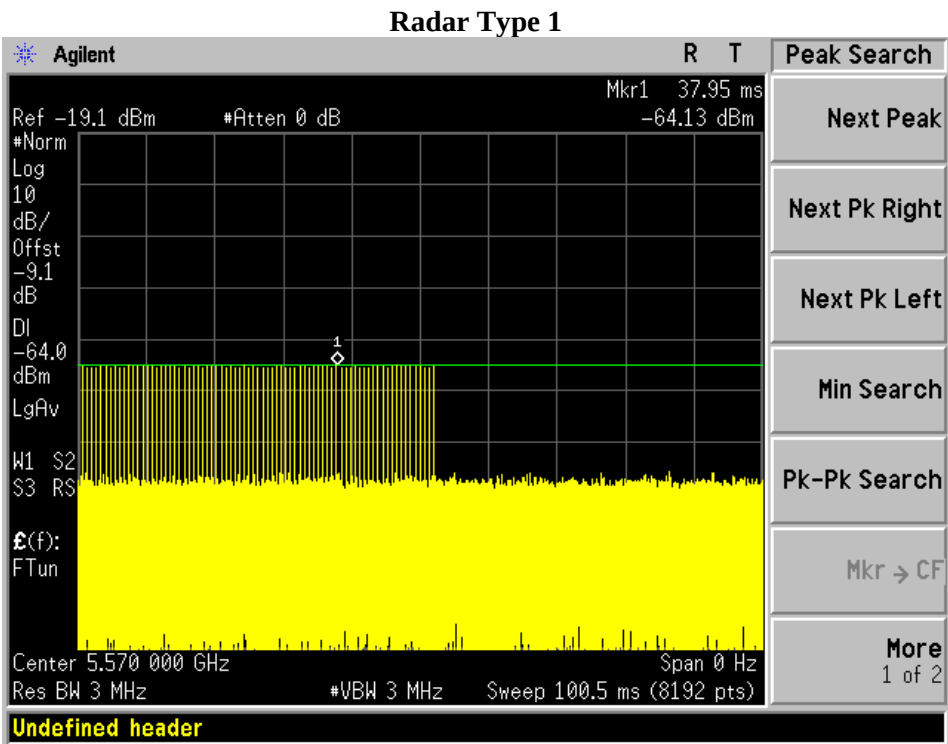
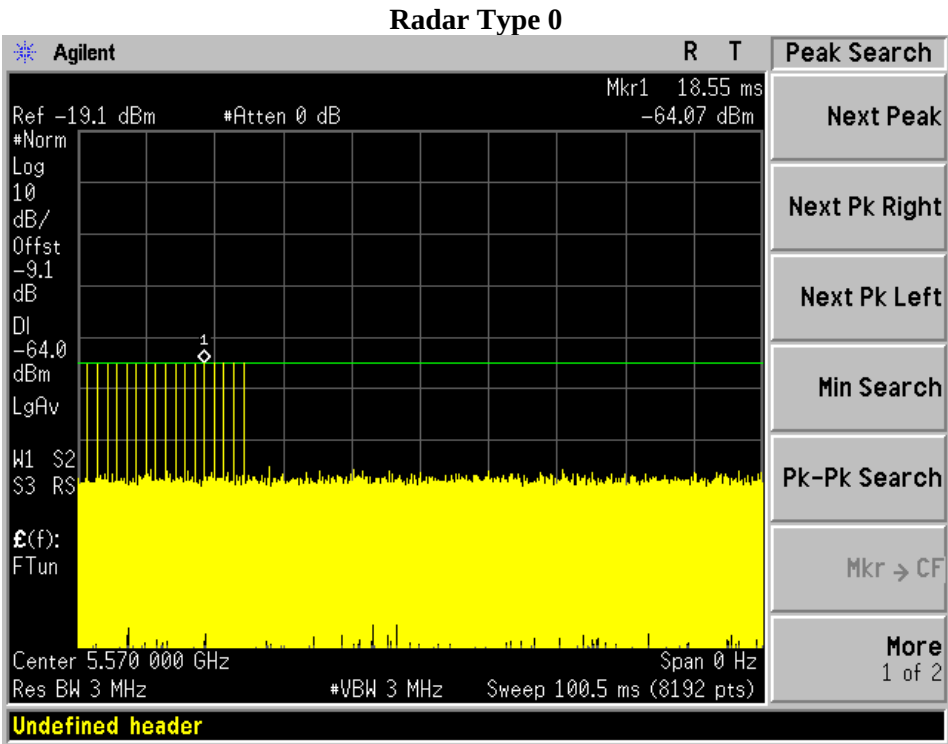


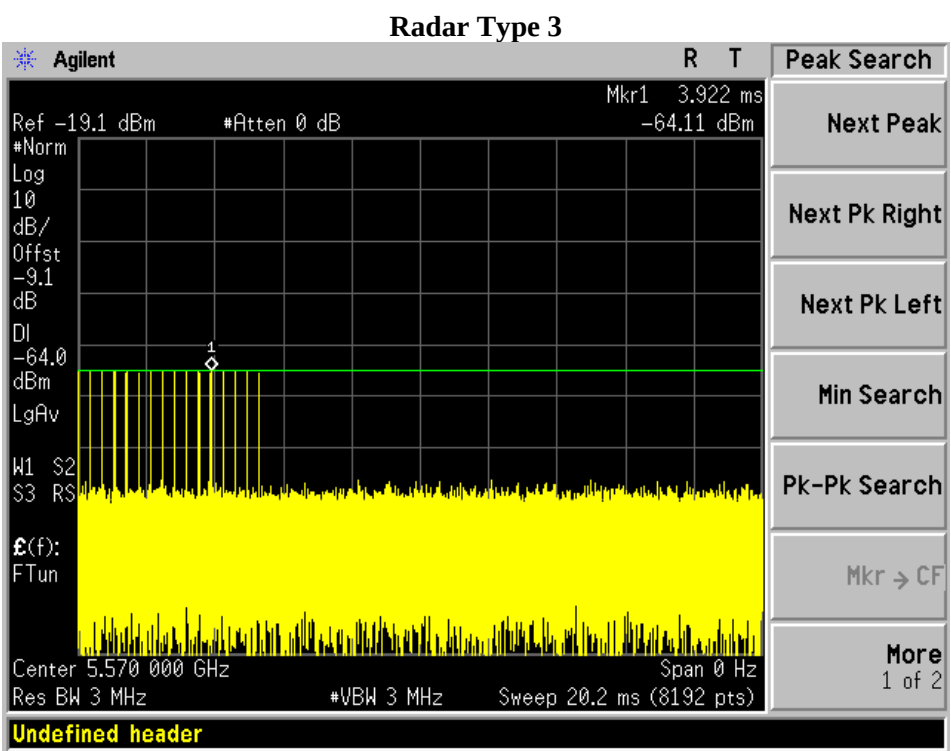
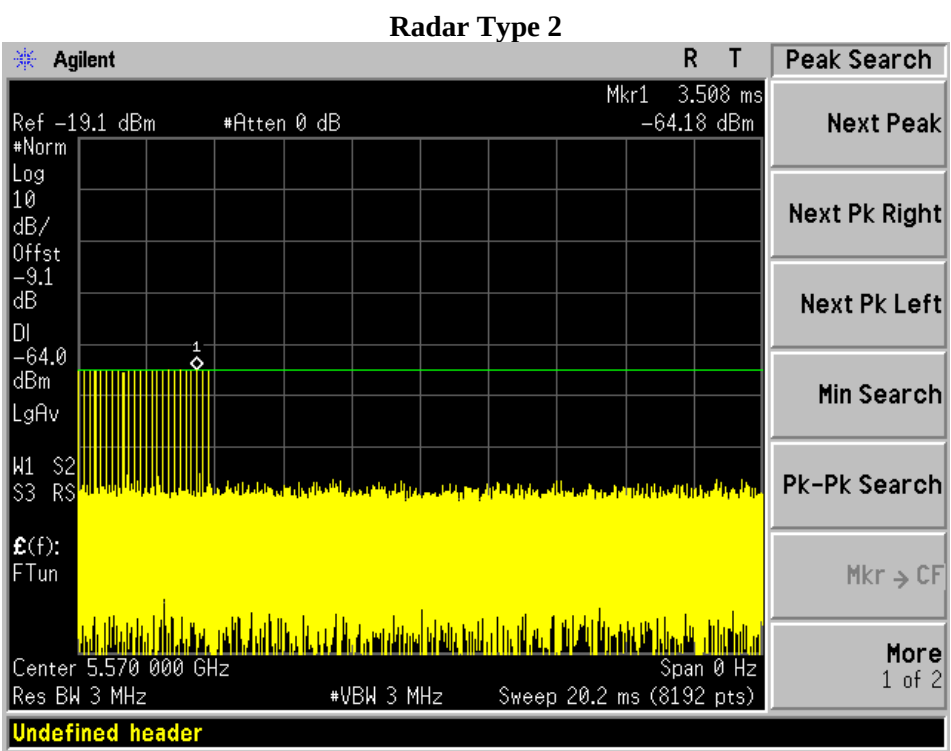


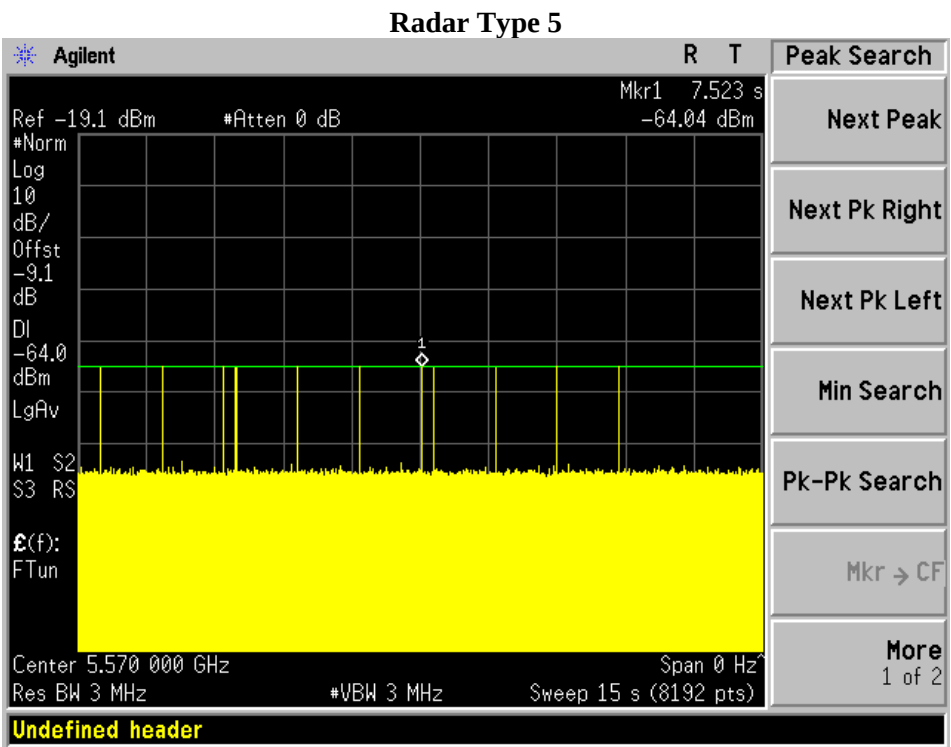
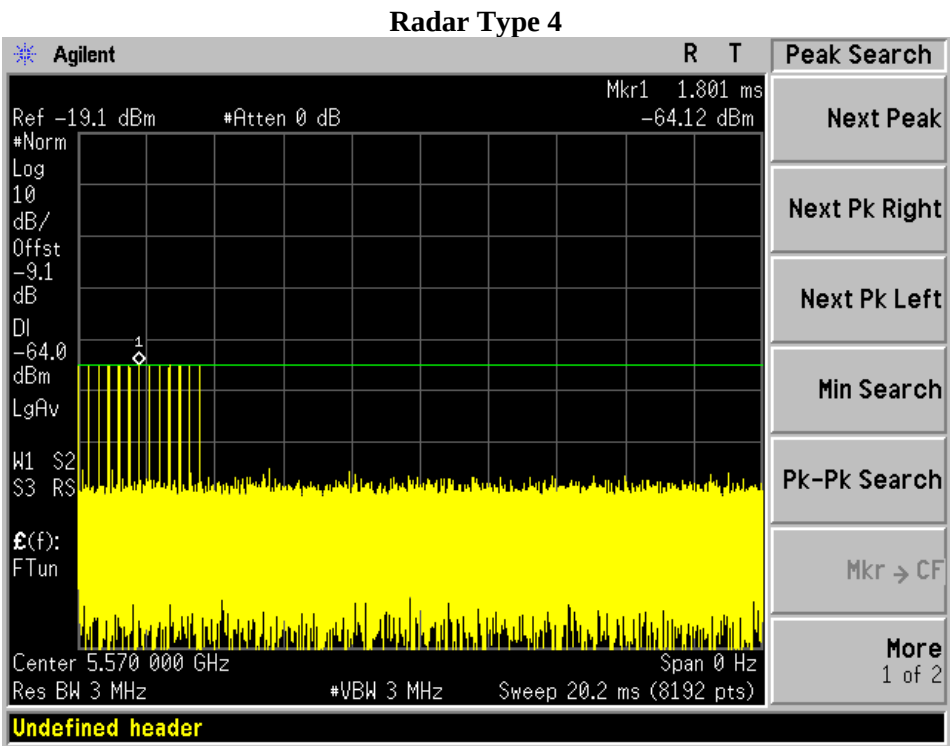


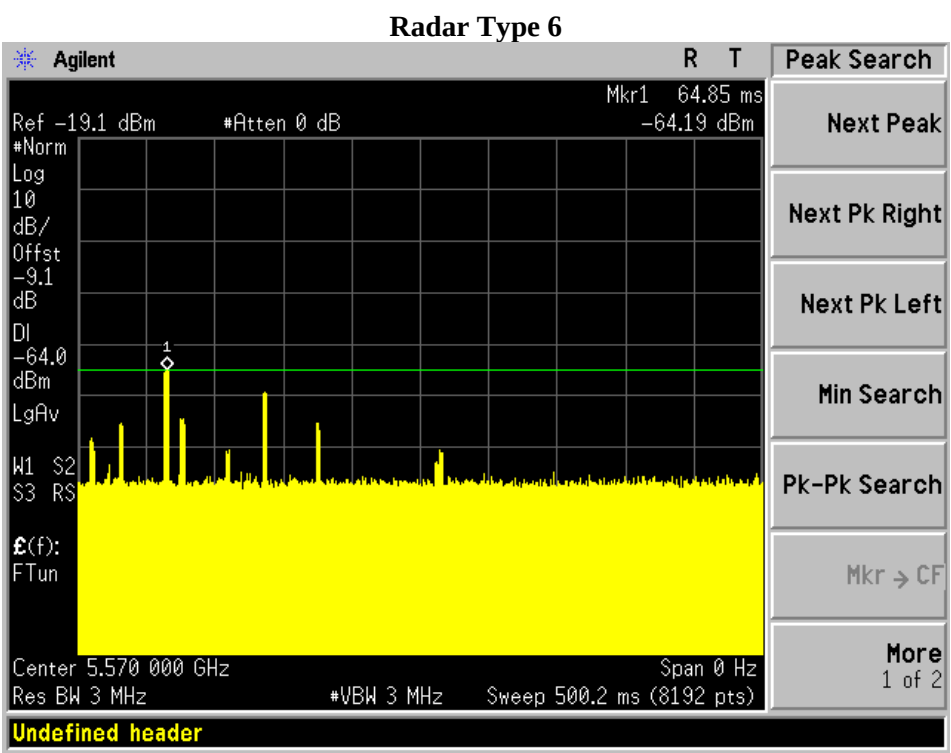


5570 MHz, 80+80 MHz Bandwidth









- Note 1: The calibration threshold levels were checked daily and consistently verified to require the same amplitude level on the signal generator. Therefore, only one set of radar calibration threshold level plots per radio is provided.
- Note 2: The antenna used for radar injection was set to Vertical polarization when testing Primary 4×4 single radio and the first half of the 80+80 MHz channel for Primary 8×8 dual radio.
- Note 3: The antenna used for radar injection was set to Horizontal polarization when testing Secondary 4×4 single radio the second half of the 80+80 MHz channel for Primary 8×8 dual radio.

9 Annex C – Radar Detection Statistical Performance Spot-Check Detailed Results

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

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	658	81	1
2	1	878	61	1
3	1	738	72	1
4	1	818	65	1
5	1	558	95	1
6	1	638	83	1
7	1	578	92	1
8	1	758	70	1
9	1	918	58	1
10	1	518	102	1
Detection Percentage: 100 % (>60%)				

Table-2 Radar Type 2 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	1.5	191	24	1
2	2.8	215	23	1
3	1.5	212	26	1
4	2.1	204	28	1
5	2.4	218	27	1
6	2.6	180	26	1
7	2.4	168	25	1
8	4.6	223	29	1
9	3.6	198	23	1
10	3.3	159	27	0
Detection Percentage: 90 % (>60%)				

Table-3 Radar Type 3 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	6.3	220	16	1
2	6.2	379	16	1
3	8.3	465	17	1
4	7.9	381	18	0
5	7.5	455	17	1
6	6.5	316	17	1
7	8.5	215	17	1
8	7.2	330	18	1
9	7	388	16	1
10	9	295	17	1
Detection Percentage: 90 % (>60%)				

Table-4 Radar Type 4 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	17.5	443	13	1
2	11.2	207	12	1
3	12.8	242	14	0
4	19.8	325	15	1
5	13.2	258	15	0
6	17.8	408	14	1
7	13.5	427	13	1
8	15.9	281	16	1
9	12.5	327	12	0
10	13.2	406	15	1
Detection Percentage: 70 % (>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
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	486104	79.2	20	1	1846	-	-	1
1	750593	58.8	20	1	1328	-	-	1
2	1013085	91.7	20	2	1541	1683	-	1
3	189038	57	20	3	1464	1232	1440	1
4	453191	76.4	20	2	1728	1024	-	1
5	717307	59.4	20	2	1158	1286	-	1
6	980602	93.3	20	2	1848	1363	-	1
7	156561	92.7	20	3	1258	1205	1747	1
8	421096	96.9	20	1	1685	-	-	1
9	684752	96.4	20	2	1035	1468	-	1
10	949227	53.6	20	1	1927	-	-	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	152048	66.9	10	1	1860	-	-	1
1	474943	78.2	10	1	1943	-	-	1
2	796221	68.2	10	3	1557	1619	1481	1
3	1118181	97.6	10	3	1866	1910	1220	1
4	112162	90.8	10	2	1606	1552	-	1
5	435222	83.4	10	1	1780	-	-	1
6	757814	95.1	10	2	1278	1119	-	1
7	1079654	56.1	10	3	1415	1093	1064	1
8	72336	52.8	10	3	1564	1830	1379	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	253389	96.7	5	3	1302	1065	1553	1
1	461741	61.9	5	1	1290	-	-	1
2	669409	93.3	5	1	1166	-	-	1
3	20986	75.6	5	2	1631	1466	-	1
4	227788	81.2	5	3	1698	1435	1204	1
5	436212	90.8	5	1	1213	-	-	1
6	641016	99.4	5	3	1006	1989	1922	1
7	851476	50.5	5	1	1129	-	-	1
8	202188	75.6	5	3	1156	1773	1924	1
9	409123	84.2	5	3	1455	1600	1324	1
10	617050	71.7	5	2	1122	1727	-	1
11	823020	58	5	3	1380	1008	1729	1
12	176901	80.5	5	3	1201	1418	1394	1
13	384971	60.4	5	1	1436	-	-	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	457889	67.3	6	3	1857	1658	1862	1
1	618759	56.4	6	3	1307	1906	1644	1
2	117623	58.5	6	3	1241	1268	1421	1
3	279512	90.8	6	1	1183	-	-	1
4	439713	71.8	6	2	1655	1339	-	1
5	600381	52.3	6	2	1774	1544	-	1
6	98190	72.3	6	1	1452	-	-	1
7	258523	85.5	6	3	1539	1190	1293	1
8	418898	92.6	6	3	1895	1628	1032	1
9	581429	68.6	6	2	1231	1098	-	1
10	78076	94.8	6	2	1684	1818	-	1
11	238230	64	6	3	1788	1876	1739	1
12	399351	98.7	6	3	1750	1270	1149	1
13	561540	92.4	6	2	1021	1358	-	1
14	58431	98.2	6	1	1603	-	-	1
15	219307	95	6	2	1823	1060	-	1
16	380185	71.8	6	2	1824	1252	-	1
17	542057	75	6	1	1936	-	-	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	43298	59.6	13	2	1432	1851	-	1
1	224140	77.4	13	3	1037	1722	1388	1
2	405341	50.3	13	2	1861	1719	-	1
3	587982	67.3	13	1	1530	-	-	1
4	20963	65.5	13	3	1917	1228	1101	1
5	202563	66	13	1	1543	-	-	1
6	382545	75.8	13	3	1482	1879	1188	1
7	564592	85.6	13	2	1015	1878	-	1
8	746483	60	13	2	1088	1109	-	1
9	180246	92.7	13	1	1367	-	-	1
10	361734	67	13	1	1531	-	-	1
11	542974	62.7	13	1	1926	-	-	1
12	724614	74.6	13	1	1711	-	-	1
13	157898	95.7	13	1	1287	-	-	1
14	338767	86.4	13	2	1634	1234	-	1
15	520975	67.7	13	1	1424	-	-	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)
861760	50.9	15	3	1723	1392	1717	861760	1
166266	91.2	15	3	1940	1417	1212	166266	1
389094	82.3	15	3	1441	1602	1382	389094	1
614137	92.7	15	1	1061	-	-	614137	1
836934	73.2	15	1	1964	-	-	836934	1
139301	53.7	15	1	1430	-	-	139301	1
362177	80.6	15	2	1929	1157	-	362177	1
584507	61.2	15	3	1462	1835	1042	584507	1
808921	69.4	15	2	1048	1480	-	808921	1
111345	74.7	15	3	1726	1888	1298	111345	1
334585	80.8	15	3	1199	1164	1020	334585	1
558740	67.2	15	1	1569	-	-	558740	1
780449	92.2	15	2	1911	1761	-	780449	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)
91267	56.9	8	1	1393	-	-	91267	1
333591	52.3	8	1	1003	-	-	333591	1
574819	80.7	8	2	1407	1437	-	574819	1
817034	62.4	8	2	1249	1138	-	817034	1
61327	96.8	8	2	1200	1939	-	61327	1
303177	98.4	8	2	1584	1294	-	303177	1
545885	53.1	8	1	1277	-	-	545885	1
786145	60.1	8	2	1808	1956	-	786145	1
31488	50	8	3	1916	1913	1182	31488	1
273115	90.9	8	3	1463	1322	1091	273115	1
514610	92.6	8	3	1669	1239	1154	514610	1
757950	64.9	8	1	1700	-	-	757950	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	13	1	1837	-	-	1
1	145448	92.3	13	3	1347	1518	1776	1
2	291421	79.6	13	1	1397	-	-	1
3	434320	68.4	13	3	1898	1532	1094	1
4	580657	79.8	13	2	1242	1311	-	1
5	128384	94	13	1	1276	-	-	1
6	273379	99.1	13	1	1745	-	-	1
7	418883	77.7	13	1	1161	-	-	1
8	562515	81	13	2	1501	1364	-	1
9	110220	91.5	13	2	1702	1080	-	1
10	255129	57	13	2	1344	1285	-	1
11	399530	62.7	13	2	1506	1840	-	1
12	546281	79.2	13	1	1106	-	-	1
13	92563	51.7	13	1	1589	-	-	1
14	237563	55.8	13	1	1923	-	-	1
15	382716	96.8	13	1	1766	-	-	1
16	527192	89.1	13	2	1049	1414	-	1
17	74257	98	13	3	1793	1542	1688	1
18	219734	90.9	13	1	1819	-	-	1
19	365287	85.2	13	1	1040	-	-	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	1132414	58.6	16	3	1890	1692	1251	1
1	126211	93.5	16	3	1458	1128	1256	1
2	449449	53.1	16	1	1486	-	-	1
3	770689	90.4	16	3	1559	1792	1196	1
4	1094256	86.4	16	2	1426	1547	-	1
5	86520	50.2	16	3	1193	1227	1000	1
6	408697	77.9	16	3	1533	1822	1266	1
7	731178	97.4	16	3	1263	1701	1245	1
8	1054276	83.3	16	2	1871	1401	-	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	57.5	9	3	1057	1591	1465	1
1	207853	50.8	9	1	1558	-	-	1
2	389201	50.2	9	1	1891	-	-	1
3	570610	89.8	9	1	1931	-	-	1
4	3974	77.7	9	1	1528	-	-	1
5	185511	87	9	1	1488	-	-	1
6	367089	61.5	9	1	1406	-	-	1
7	548365	51	9	1	1790	-	-	1
8	730161	92.9	9	1	1451	-	-	1
9	162425	89.6	9	3	1985	1821	1010	1
10	344035	80.7	9	2	1554	1351	-	1
11	524144	81.7	9	3	1100	1663	1686	1
12	704648	89.5	9	3	1555	1720	1507	1
13	140703	61.2	9	1	1942	-	-	1
14	321098	65.5	9	3	1306	1797	1238	1
15	501584	95.3	9	3	1810	1654	1411	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	333.3	1	5562	5435	5625	5381	5681
						5659	5316	5326	5287	5441
						5525	5635	5275	5692	5407
						5612	5473	5703	5458	5662
						5590	5664	5677	5417	5478
						5483	5462	5340	5359	5388
						5528	5310	5365	5639	5454
						5579	5507	5701	5300	5324
						5541	5329	5386	5424	5723
						5468	5399	5634	5264	5641
						5370	5294	5319	5593	5673
						5311	5550	5436	5655	5686
						5332	5484	5690	5577	5505
						5624	5559	5543	5709	5516
						5373	5695	5281	5304	5572
						5362	5313	5442	5472	5408
						5363	5393	5296	5603	5615
						5418	5377	5556	5667	5279
						5493	5619	5260	5430	5445
						5470	5280	5496	5589	5623
2	5530	9	1	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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

5 GHz Primary Radio, 4x4 Single Radio + 5 GHz AUX Radio (Client Mode)**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	838	63	1
2	1	698	76	1
3	1	938	57	1
4	1	598	89	0
5	1	858	62	1
6	1	878	61	1
7	1	658	81	1
8	1	638	83	1
9	1	798	67	1
10	1	3066	18	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	1	211	24	1
2	1.3	219	23	1
3	1.3	189	26	1
4	2	212	28	1
5	1.9	225	27	1
6	4.1	150	26	1
7	2.1	180	25	1
8	4.8	223	29	1
9	3.6	188	23	1
10	1.9	226	27	1
Detection Percentage: 100 % (>60%)				

Table-3 Radar Type 3 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	7.5	416	16	1
2	9.8	311	16	1
3	6.5	494	17	1
4	7.2	224	18	1
5	6	280	17	1
6	7.7	294	17	1
7	7.3	429	17	1
8	6.5	339	18	1
9	7.1	458	16	1
10	8	359	17	1
Detection Percentage: 100 % (>60%)				

Table-4 Radar Type 4 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	16.9	389	13	1
2	16.3	300	12	1
3	14.6	245	14	0
4	12.2	384	15	1
5	12.7	303	15	1
6	19.3	484	14	0
7	14.8	490	13	1
8	19.6	428	16	1
9	12.8	424	12	1
10	16	283	15	1
Detection Percentage: 80 % (>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
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	486165	81.1	14	1	1708	-	-	1
1	750185	96.7	14	1	1920	-	-	1
2	1013193	93.2	14	2	1245	1862	-	1
3	188892	81.8	14	3	1550	1863	1561	1
4	453274	62	14	2	1452	1101	-	1
5	716873	94.3	14	2	1811	1291	-	1
6	980977	93.8	14	2	1353	1442	-	1
7	156591	53.4	14	3	1120	1155	1724	1
8	420981	54.8	14	1	1982	-	-	1
9	684057	53.3	14	2	1733	1875	-	1
10	949423	86.2	14	1	1703	-	-	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	152066	69.1	11	1	1701	-	-	1
1	475114	51.8	11	1	1462	-	-	1
2	796282	58	11	3	1458	1109	1988	1
3	1119579	83.8	11	3	1039	1063	1233	1
4	112121	70.2	11	2	1950	1689	-	1
5	435194	74.5	11	1	1866	-	-	1
6	757325	84.4	11	2	1885	1371	-	1
7	1079307	96.8	11	3	1326	1102	1571	1
8	72340	94.5	11	3	1300	1736	1656	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	253062	76.4	6	3	1857	1623	1540	1
1	461424	59.4	6	1	1877	-	-	1
2	669024	93.9	6	1	1658	-	-	1
3	20987	83.7	6	2	1747	1295	-	1
4	227698	86.3	6	3	1031	1770	1874	1
5	436239	69	6	1	1160	-	-	1
6	641795	58.9	6	3	1086	1232	1564	1
7	850635	67.2	6	1	1974	-	-	1
8	202308	78.6	6	3	1499	1715	1136	1
9	409095	78.1	6	3	1127	1511	1800	1
10	617062	62	6	2	1328	1504	-	1
11	822869	84.6	6	3	1414	1198	1661	1
12	176827	68	6	3	1984	1116	1271	1
13	385054	58.6	6	1	1253	-	-	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	458265	91.4	14	3	1153	1682	1999	1
1	619188	80.4	14	3	1219	1848	1331	1
2	117529	67.7	14	3	1175	1583	1706	1
3	279487	54.3	14	1	1241	-	-	1
4	439874	58.6	14	2	1285	1465	-	1
5	601026	86.4	14	2	1076	1529	-	1
6	98142	56.3	14	1	1780	-	-	1
7	258308	99	14	3	1906	1060	1607	1
8	418794	56.5	14	3	1858	1688	1173	1
9	580615	72.3	14	2	1478	1782	-	1
10	78224	80	14	2	1119	1126	-	1
11	238419	61.2	14	3	1932	1765	1179	1
12	399101	85.2	14	3	1762	1480	1342	1
13	561243	85.8	14	2	1013	1718	-	1
14	58406	53.3	14	1	1896	-	-	1
15	219448	65.7	14	2	1324	1132	-	1
16	380045	62	14	2	1432	1888	-	1
17	542194	87.2	14	1	1767	-	-	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	43277	51	20	2	1768	1865	-	1
1	224113	65.2	20	3	1681	1138	1420	1
2	405373	52.7	20	2	1757	1764	-	1
3	587873	71.7	20	1	1668	-	-	1
4	20940	52.8	20	3	1813	1720	1521	1
5	202612	59.5	20	1	1363	-	-	1
6	383042	95.6	20	3	1319	1212	1049	1
7	564046	93	20	2	1653	1962	-	1
8	745337	85.3	20	2	1820	1525	-	1
9	180166	76.5	20	1	1697	-	-	1
10	361940	74.9	20	1	1104	-	-	1
11	543427	76.7	20	1	1302	-	-	1
12	724633	91.4	20	1	1691	-	-	1
13	157928	51.5	20	1	1144	-	-	1
14	338567	51	20	2	1344	1966	-	1
15	520899	93.3	20	1	1534	-	-	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	862442	66.6	19	3	1563	1256	1287	1
1	166196	53.4	19	3	1343	1919	1693	1
2	389022	52.4	19	3	1512	1242	1843	1
3	613731	70.2	19	1	1670	-	-	1
4	837495	75.8	19	1	1347	-	-	1
5	139334	60.3	19	1	1210	-	-	1
6	362022	88.2	19	2	1507	1973	-	1
7	583985	77.4	19	3	1823	1652	1684	1
8	808498	52.8	19	2	1528	1481	-	1
9	111324	71.6	19	3	1725	1410	1949	1
10	334273	53.7	19	3	1496	1168	1577	1
11	559031	75	19	1	1089	-	-	1
12	781048	83.9	19	2	1833	1134	-	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	91257	73.2	17	1	1503	-	-	1
1	333437	63.9	17	1	1464	-	-	1
2	574710	62.8	17	2	1475	1557	-	1
3	816798	66	17	2	1273	1402	-	1
4	61369	74.8	17	2	1061	1394	-	1
5	303128	83.6	17	2	1890	1150	-	1
6	545939	52.7	17	1	1178	-	-	1
7	786280	55.9	17	2	1740	1852	-	1
8	31478	69.7	17	3	1870	1494	1947	1
9	273184	77.6	17	3	1282	1259	1082	1
10	514808	58.2	17	3	1533	1130	1017	1
11	758405	58.8	17	1	1100	-	-	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	65.7	19	1	1751	-	-	1
1	145467	51.1	19	3	1152	1783	1631	1
2	291486	79.8	19	1	1263	-	-	1
3	435155	74	19	3	1123	1213	1043	1
4	580452	79.8	19	2	1498	1266	-	1
5	128308	81	19	1	1632	-	-	1
6	273605	78.4	19	1	1250	-	-	1
7	418705	60.1	19	1	1416	-	-	1
8	562570	92	19	2	1467	1340	-	1
9	110173	69.1	19	2	1258	1775	-	1
10	255240	100	19	2	1050	1318	-	1
11	399487	63.2	19	2	1683	1727	-	1
12	545684	91.9	19	1	1760	-	-	1
13	92636	61.4	19	1	1114	-	-	1
14	237782	90.7	19	1	1372	-	-	1
15	382875	77.1	19	1	1518	-	-	1
16	526893	75.3	19	2	1128	1674	-	1
17	74359	68.8	19	3	1184	1598	1426	1
18	219887	81.2	19	1	1405	-	-	1
19	364756	55.8	19	1	1911	-	-	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	1132681	70.5	19	3	1613	1627	1280	1
1	126043	59.1	19	3	1967	1809	1835	1
2	449410	62.1	19	1	1604	-	-	1
3	770627	62.6	19	3	1115	1794	1744	1
4	1094537	62	19	2	1275	1357	-	1
5	86462	60.6	19	3	1220	1784	1321	1
6	408593	66.5	19	3	1644	1647	1669	1
7	731013	67.9	19	3	1630	1338	1541	1
8	1054618	98.4	19	2	1112	1728	-	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	26255	87.4	8	3	1206	1011	1558	1
1	207806	97	8	1	1729	-	-	1
2	389576	75.8	8	1	1169	-	-	1
3	571014	94.3	8	1	1401	-	-	1
4	3976	61.4	8	1	1023	-	-	1
5	185408	60.1	8	1	1905	-	-	1
6	366834	59.2	8	1	1927	-	-	1
7	548571	58.3	8	1	1510	-	-	1
8	730414	53.4	8	1	1191	-	-	1
9	162495	73	8	3	1336	1573	1585	1
10	344207	90.7	8	2	1014	1517	-	1
11	524491	75.3	8	3	1197	1083	1675	1
12	703911	64.9	8	3	1882	1745	1935	1
13	140856	92	8	1	1129	-	-	1
14	321376	54	8	3	1098	1108	1489	1
15	502454	63.9	8	3	1015	1359	1209	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	333.3	1	5491	5615	5262	5393	5577
						5434	5641	5724	5259	5470
						5375	5533	5620	5486	5639
						5349	5473	5426	5484	5516
						5518	5359	5374	5617	5303
						5590	5551	5625	5682	5665
						5554	5575	5538	5611	5666
						5655	5708	5704	5309	5717
						5348	5685	5320	5330	5512
						5292	5653	5675	5278	5273
						5510	5406	5454	5603	5710
						5501	5621	5340	5446	5399
						5627	5643	5305	5332	5697
						5698	5445	5366	5591	5367
						5522	5517	5304	5634	5548
						5720	5297	5654	5642	5294
						5431	5638	5313	5457	5430
						5465	5694	5618	5674	5308
						5499	5275	5527	5417	5302
						5480	5637	5504	5609	5528
2	5530	9	1	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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

5 GHz Secondary Radio, 4x4 Single Radio + 5 GHz AUX Radio (P2MP Mode)**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	758	70	1
2	1	898	59	1
3	1	538	99	1
4	1	598	89	1
5	1	918	58	1
6	1	578	92	1
7	1	798	67	1
8	1	938	57	1
9	1	738	72	1
10	1	3066	18	1
Detection Percentage: 100 % (>60%)				

Table-2 Radar Type 2 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	1.9	152	24	1
2	2.3	217	23	1
3	2.6	204	26	1
4	2.9	187	28	0
5	1.5	188	27	1
6	4.7	214	26	1
7	3.1	163	25	1
8	1.4	197	29	1
9	1	164	23	0
10	3.1	198	27	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	6.5	239	16	1
2	8.5	219	16	0
3	9.1	210	17	1
4	9.6	492	18	1
5	8	242	17	1
6	6.8	234	17	1
7	7.9	324	17	1
8	7.4	226	18	1
9	7.2	273	16	1
10	9.9	454	17	1
Detection Percentage: 90 % (>60%)				

Table-4 Radar Type 4 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	17.4	317	13	1
2	18	416	12	1
3	19.7	345	14	1
4	18.2	206	15	1
5	11	422	15	1
6	19.1	252	14	0
7	14.3	441	13	1
8	12.4	205	16	1
9	12.7	436	12	1
10	18.8	299	15	0
Detection Percentage: 80 % (>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
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	486155	72.5	18	1	1731	-	-	1
1	750611	80.4	18	1	1302	-	-	1
2	1012691	69.6	18	2	1666	1981	-	1
3	189021	76.8	18	3	1567	1106	1563	1
4	453133	93.6	18	2	1147	1744	-	1
5	717432	98.1	18	2	1012	1242	-	1
6	980949	87.9	18	2	1770	1057	-	1
7	156609	59.8	18	3	1123	1252	1497	1
8	421110	62.3	18	1	1649	-	-	1
9	684007	84.3	18	2	1841	1847	-	1
10	949624	89	18	1	1472	-	-	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	76.9	17	1	1407	-	-	1
1	475276	89.7	17	1	1009	-	-	1
2	796159	84	17	3	1719	1284	1757	1
3	1118340	83.8	17	3	1951	1081	1775	1
4	112140	59.3	17	2	1737	1676	-	1
5	435325	58.9	17	1	1463	-	-	1
6	757249	56.8	17	2	1553	1837	-	1
7	1078571	69.6	17	3	1091	1914	1901	1
8	72414	86.3	17	3	1030	1128	1183	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	253207	93.2	10	3	1552	1659	1320	1
1	461660	57.3	10	1	1440	-	-	1
2	669415	63.8	10	1	1159	-	-	1
3	20975	78.3	10	2	1707	1862	-	1
4	227736	62.2	10	3	1618	1491	1423	1
5	436214	55.4	10	1	1210	-	-	1
6	642023	63.9	10	3	1020	1094	1465	1
7	850688	60	10	1	1921	-	-	1
8	202138	89.8	10	3	1759	1722	1585	1
9	409482	55.7	10	3	1382	1224	1025	1
10	617153	66.4	10	2	1041	1665	-	1
11	822101	55.5	10	3	1321	1804	1944	1
12	176828	96.5	10	3	1186	1968	1211	1
13	384895	65.8	10	1	1606	-	-	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	458045	83	16	3	1467	1774	1911	1
1	619376	64.8	16	3	1295	1815	1087	1
2	117395	74	16	3	1824	1560	1832	1
3	279212	85.9	16	1	1897	-	-	1
4	439423	97.6	16	2	1586	1845	-	1
5	600778	77.2	16	2	1352	1527	-	1
6	98160	84.4	16	1	1656	-	-	1
7	258678	74.2	16	3	1369	1088	1169	1
8	419189	55.1	16	3	1334	1445	1316	1
9	580356	58.2	16	2	1650	1906	-	1
10	78043	58.1	16	2	1871	1910	-	1
11	238736	74.9	16	3	1372	1610	1016	1
12	398934	66.6	16	3	1929	1652	1280	1
13	561172	95.9	16	2	1070	1745	-	1
14	58440	81.4	16	1	1501	-	-	1
15	219149	54	16	2	1438	1925	-	1
16	380127	84	16	2	1900	1278	-	1
17	542163	84.6	16	1	1805	-	-	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	43322	71.3	15	2	1582	1285	-	1
1	224105	87.6	15	3	1435	1691	1138	1
2	405372	92.6	15	2	1667	1856	-	1
3	588385	65.1	15	1	1017	-	-	1
4	20936	66.5	15	3	1887	1768	1543	1
5	202475	91.4	15	1	1870	-	-	1
6	383051	64.6	15	3	1344	1021	1197	1
7	564408	88.1	15	2	1432	1705	-	1
8	746410	84.2	15	2	1203	1067	-	1
9	180101	77.9	15	1	1970	-	-	1
10	361538	70.1	15	1	1936	-	-	1
11	543236	56.5	15	1	1565	-	-	1
12	724784	67.9	15	1	1535	-	-	1
13	157793	83.4	15	1	1784	-	-	1
14	338553	80.5	15	2	1408	1933	-	1
15	520630	73.8	15	1	1920	-	-	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	862047	50.9	16	3	1063	1664	1800	1
1	166375	69	16	3	1291	1098	1577	1
2	389463	85.4	16	3	1282	1092	1180	1
3	613663	73.1	16	1	1772	-	-	1
4	837651	59.3	16	1	1175	-	-	1
5	139341	92.4	16	1	1162	-	-	1
6	362239	51.8	16	2	1912	1018	-	1
7	584105	68.9	16	3	1514	1529	1928	1
8	808476	52.2	16	2	1633	1402	-	1
9	111454	55.6	16	3	1493	1448	1075	1
10	334013	70.2	16	3	1738	1614	1604	1
11	558556	87.4	16	1	1872	-	-	1
12	781434	88.9	16	2	1156	1356	-	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	91257	68	11	1	1512	-	-	1
1	333279	78.7	11	1	1938	-	-	1
2	574911	85.7	11	2	1207	1476	-	1
3	816757	71.7	11	2	1221	1505	-	1
4	61350	81.9	11	2	1225	1546	-	1
5	303293	84.3	11	2	1315	1182	-	1
6	545889	58.8	11	1	1270	-	-	1
7	786025	73.2	11	2	1915	2000	-	1
8	31504	67.8	11	3	1281	1907	1311	1
9	273018	98.4	11	3	1918	1051	1259	1
10	514655	82.7	11	3	1109	1777	1090	1
11	757896	71.3	11	1	1771	-	-	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	59.4	5	1	1154	-	-	1
1	145607	93.1	5	3	1171	1605	1216	1
2	291438	56.5	5	1	1362	-	-	1
3	434756	54	5	3	1680	1222	1024	1
4	580137	98.6	5	2	1416	1673	-	1
5	128395	90.4	5	1	1226	-	-	1
6	273282	74.7	5	1	1958	-	-	1
7	418615	94.5	5	1	1544	-	-	1
8	562109	92.8	5	2	1956	1340	-	1
9	110271	94.9	5	2	1032	1473	-	1
10	254660	62.4	5	2	1894	1833	-	1
11	400099	68.7	5	2	1450	1047	-	1
12	546301	60.9	5	1	1084	-	-	1
13	92568	75.2	5	1	1556	-	-	1
14	237556	78.9	5	1	1941	-	-	1
15	382681	85.8	5	1	1821	-	-	1
16	527027	73.7	5	2	1150	1500	-	1
17	74349	62.9	5	3	1420	1306	1558	1
18	219836	60.9	5	1	1542	-	-	1
19	364784	71.1	5	1	1865	-	-	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	1132117	77.2	18	3	1583	1637	1962	1
1	126155	99.3	18	3	1246	1499	1681	1
2	449494	66.1	18	1	1355	-	-	1
3	770792	99.2	18	3	1374	1760	1235	1
4	1094244	84.4	18	2	1690	1298	-	1
5	86493	84.9	18	3	1262	1155	1422	1
6	408523	86.1	18	3	1531	1662	1994	1
7	731160	99.2	18	3	1403	1127	1713	1
8	1055232	71.6	18	2	1006	1059	-	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	26227	50.5	20	3	1239	1930	1397	1
1	207795	83.2	20	1	1766	-	-	1
2	389359	70.6	20	1	1587	-	-	1
3	570827	52.6	20	1	1647	-	-	1
4	3974	51.7	20	1	1439	-	-	1
5	185532	99.9	20	1	1405	-	-	1
6	367190	99.4	20	1	1201	-	-	1
7	548714	95.3	20	1	1314	-	-	1
8	730438	64.8	20	1	1168	-	-	1
9	162596	53.6	20	3	1300	1609	1122	1
10	344331	65.2	20	2	1044	1218	-	1
11	523748	95.6	20	3	1716	1373	1923	1
12	704644	93	20	3	1898	1559	1330	1
13	140816	96.1	20	1	1345	-	-	1
14	320762	73.2	20	3	1857	1875	1388	1
15	501991	66.3	20	3	1317	1167	1787	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	333.3	1	5312	5301	5344	5353	5397
						5526	5504	5610	5556	5595
						5346	5653	5624	5500	5271
						5628	5289	5478	5334	5638
						5558	5330	5543	5438	5436
						5400	5487	5292	5536	5689
						5281	5267	5412	5303	5550
						5569	5506	5410	5326	5496
						5308	5306	5520	5710	5265
						5485	5571	5356	5315	5287
						5256	5419	5329	5580	5631
						5264	5722	5386	5462	5421
						5636	5447	5406	5508	5384
						5659	5409	5369	5584	5439
						5641	5512	5629	5690	5583
						5321	5341	5358	5340	5695
						5285	5589	5444	5371	5686
						5422	5475	5609	5498	5573
						5656	5266	5357	5685	5721
						5442	5348	5557	5542	5456
2	5530	9	1	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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

5 GHz Secondary Radio, 4x4 Single Radio + 5 GHz AUX Radio (Client Mode)**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	618	86	1
2	1	918	58	1
3	1	898	59	1
4	1	878	61	1
5	1	818	65	1
6	1	3066	18	1
7	1	778	68	0
8	1	718	74	1
9	1	938	57	1
10	1	738	72	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	3.4	214	24	1
2	1.1	183	23	1
3	1.6	207	26	1
4	3.2	210	28	1
5	3	187	27	1
6	2	186	26	1
7	4.9	194	25	1
8	4	181	29	1
9	1.9	158	23	0
10	1.4	170	27	1
Detection Percentage: 90 % (>60%)				

Table-3 Radar Type 3 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	6.1	230	16	1
2	8	314	16	1
3	9.6	480	17	1
4	8.1	211	18	1
5	6	432	17	1
6	9.4	358	17	1
7	8.4	478	17	1
8	9.8	412	18	1
9	8	427	16	1
10	7.7	200	17	1
Detection Percentage: 100 % (>60%)				

Table-4 Radar Type 4 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	18.2	335	13	1
2	13.8	394	12	1
3	17	413	14	1
4	16	267	15	1
5	18	474	15	1
6	11.9	226	14	1
7	11.5	262	13	1
8	11.8	462	16	1
9	20	348	12	1
10	17.4	217	15	1
Detection Percentage: 100 % (>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
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	486467	57.3	10	1	1032	-	-	1
1	750425	97.6	10	1	1571	-	-	1
2	1012592	93.2	10	2	1861	1892	-	1
3	188866	69.9	10	3	1944	1915	1267	1
4	453390	80.1	10	2	1057	1218	-	1
5	716615	87.7	10	2	1797	1696	-	1
6	981292	98.4	10	2	1435	1011	-	1
7	156450	98.5	10	3	1862	1841	1273	1
8	421150	86.7	10	1	1544	-	-	1
9	684787	83.2	10	2	1381	1067	-	1
10	949355	97	10	1	1780	-	-	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	152068	79.8	9	1	1685	-	-	1
1	475124	50.6	9	1	1434	-	-	1
2	796113	66.5	9	3	1241	1868	1727	1
3	1118429	79.6	9	3	1567	1952	1183	1
4	112176	64.8	9	2	1902	1092	-	1
5	435179	96.5	9	1	1910	-	-	1
6	757677	54.3	9	2	1456	1181	-	1
7	1079909	93.5	9	3	1104	1088	1066	1
8	72359	58.3	9	3	1297	1922	1131	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	252996	93.7	19	3	1611	1733	1898	1
1	461809	83.5	19	1	1164	-	-	1
2	669143	57.7	19	1	1507	-	-	1
3	20998	95.9	19	2	1167	1467	-	1
4	227647	56.2	19	3	1230	1820	1815	1
5	436143	78.7	19	1	1348	-	-	1
6	641720	61	19	3	1000	1475	1506	1
7	851350	83.1	19	1	1255	-	-	1
8	202101	65.8	19	3	1784	1853	1583	1
9	409285	78.8	19	3	1246	1165	1630	1
10	616723	76	19	2	1965	1337	-	1
11	823201	83.4	19	3	1410	1379	1140	1
12	176971	98.7	19	3	1493	1160	1025	1
13	385156	89.7	19	1	1026	-	-	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	458253	90.2	17	3	1978	1624	1250	1
1	619749	51.5	17	3	1711	1047	1040	1
2	117485	74.5	17	3	1270	1736	1701	1
3	279373	82.8	17	1	1513	-	-	1
4	440039	77.7	17	2	1132	1370	-	1
5	600450	50.2	17	2	1554	1688	-	1
6	98227	99.7	17	1	1203	-	-	1
7	258634	73.4	17	3	1179	1322	1237	1
8	418744	82.9	17	3	1738	1304	1757	1
9	580489	90.3	17	2	1756	1648	-	1
10	78119	82	17	2	1649	1488	-	1
11	238254	68.6	17	3	1787	1620	1929	1
12	399705	90.6	17	3	1213	1323	1046	1
13	561227	98.1	17	2	1372	1378	-	1
14	58465	92.7	17	1	1225	-	-	1
15	219201	77.6	17	2	1461	1744	-	1
16	380431	75.3	17	2	1100	1547	-	1
17	542080	61.9	17	1	1907	-	-	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	43307	60.1	18	2	1293	1833	-	1
1	223850	65.3	18	3	1969	1858	1287	1
2	405657	70	18	2	1454	1543	-	1
3	587942	73.9	18	1	1581	-	-	1
4	20944	89.9	18	3	1840	1790	1290	1
5	202459	97.3	18	1	1927	-	-	1
6	382477	63.6	18	3	1869	1749	1063	1
7	564406	51.4	18	2	1653	1485	-	1
8	746012	76.6	18	2	1116	1553	-	1
9	180253	65.3	18	1	1339	-	-	1
10	361831	82.7	18	1	1330	-	-	1
11	543514	57.8	18	1	1182	-	-	1
12	724609	57.2	18	1	1716	-	-	1
13	157872	63.6	18	1	1408	-	-	1
14	338571	81.1	18	2	1720	1580	-	1
15	520638	60.9	18	1	1909	-	-	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	861835	76.3	13	3	1891	1759	1103	1
1	166331	78	13	3	1463	1068	1682	1
2	388827	90.3	13	3	1885	1753	1419	1
3	613752	63.6	13	1	1639	-	-	1
4	837004	76.6	13	1	1887	-	-	1
5	139289	93.3	13	1	1511	-	-	1
6	362428	58.7	13	2	1003	1447	-	1
7	584388	70.2	13	3	1478	1987	1061	1
8	808910	50.5	13	2	1443	1098	-	1
9	111290	67.4	13	3	1986	1775	1607	1
10	334105	63.9	13	3	1279	1747	1676	1
11	558737	87.7	13	1	1573	-	-	1
12	781126	88.1	13	2	1740	1135	-	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	91225	62.9	7	1	1863	-	-	1
1	333505	90.4	7	1	1260	-	-	1
2	574419	88.2	7	2	1883	1654	-	1
3	816992	53.5	7	2	1421	1017	-	1
4	61349	64	7	2	1539	1248	-	1
5	302867	73.2	7	2	1973	1924	-	1
6	545655	83.3	7	1	1699	-	-	1
7	786504	69.7	7	2	1641	1668	-	1
8	31511	66.3	7	3	1081	1737	1458	1
9	272924	61.7	7	3	1238	1423	1912	1
10	514151	77.3	7	3	1390	1811	1751	1
11	758341	69.2	7	1	1184	-	-	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	76.3	15	1	1043	-	-	1
1	145588	73.6	15	3	1209	1180	1681	1
2	291369	84.3	15	1	1504	-	-	1
3	434834	90.7	15	3	1024	1604	1192	1
4	580143	75.1	15	2	1992	1090	-	1
5	128277	83.1	15	1	1774	-	-	1
6	273668	68.4	15	1	1113	-	-	1
7	418725	87.5	15	1	1387	-	-	1
8	561737	79.7	15	2	1941	1750	-	1
9	110090	71.8	15	2	1919	1565	-	1
10	255026	64.7	15	2	1115	1755	-	1
11	399146	87.4	15	2	1967	1953	-	1
12	545582	61.6	15	1	1872	-	-	1
13	92643	85.4	15	1	1072	-	-	1
14	237756	66.9	15	1	1437	-	-	1
15	383035	56.6	15	1	1268	-	-	1
16	526656	99.8	15	2	1355	1715	-	1
17	74483	73.3	15	3	1058	1018	1137	1
18	219706	72.5	15	1	1897	-	-	1
19	365125	83.3	15	1	1306	-	-	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	1132572	76	17	3	1453	1229	1966	1
1	126136	63.3	17	3	1686	1073	1871	1
2	449292	63.7	17	1	1951	-	-	1
3	770673	75	17	3	1436	1659	1480	1
4	1094144	94.5	17	2	1318	1792	-	1
5	86451	54.2	17	3	1326	1608	1558	1
6	408678	93.3	17	3	1857	1095	1732	1
7	731686	90.4	17	3	1065	1162	1059	1
8	1054626	97.8	17	2	1308	1522	-	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	26220	91.3	20	3	1697	1466	1589	1
1	207874	59.9	20	1	1483	-	-	1
2	389586	66.2	20	1	1151	-	-	1
3	570779	62.9	20	1	1709	-	-	1
4	3975	94.5	20	1	1281	-	-	1
5	185414	50.3	20	1	1880	-	-	1
6	367164	69.6	20	1	1254	-	-	1
7	548669	74.4	20	1	1376	-	-	1
8	730475	79.5	20	1	1129	-	-	1
9	162502	75.5	20	3	1334	1205	1921	1
10	343923	84.4	20	2	1703	1445	-	1
11	523727	95.6	20	3	1742	1600	1700	1
12	704937	50.1	20	3	1374	1616	1487	1
13	140764	58.4	20	1	1621	-	-	1
14	320898	91.2	20	3	1812	1643	1351	1
15	501589	75.7	20	3	1855	1019	1994	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	333.3	1	5520	5435	5655	5403	5529
						5719	5552	5501	5566	5374
						5699	5721	5326	5387	5583
						5554	5658	5412	5444	5685
						5306	5488	5452	5315	5637
						5358	5668	5675	5353	5425
						5582	5556	5487	5709	5404
						5335	5665	5534	5256	5596
						5446	5480	5260	5391	5686
						5697	5558	5432	5407	5286
						5285	5396	5496	5716	5561
						5294	5453	5714	5611	5609
						5551	5463	5296	5464	5512
						5564	5500	5526	5469	5718
						5603	5438	5409	5586	5478
						5408	5451	5622	5518	5317
						5436	5310	5495	5457	5607
						5642	5467	5712	5620	5267
						5311	5274	5424	5383	5405
						5253	5663	5293	5504	5305
2	5530	9	1	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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

5 GHz Dual Radio 8x8 + 5 GHz AUX Radio (P2MP Mode)**5570 MHz, 160 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	918	58	1
2	1	638	83	1
3	1	778	68	1
4	1	798	67	1
5	1	3066	18	1
6	1	618	86	1
7	1	718	74	1
8	1	938	57	1
9	1	838	63	1
10	1	578	92	1
Detection Percentage: 100 % (>60%)				

Table-2 Radar Type 2 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	2	188	24	1
2	1.6	189	23	1
3	3.1	171	26	0
4	2	201	28	1
5	3.9	184	27	1
6	1.8	192	26	1
7	1	150	25	1
8	2.8	228	29	1
9	2.4	185	23	1
10	1.5	215	27	1
Detection Percentage: 90 % (>60%)				

Table-3 Radar Type 3 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	9.5	382	16	1
2	7.9	262	16	1
3	9.9	394	17	1
4	7.1	218	18	0
5	9.4	498	17	1
6	8.2	405	17	1
7	7.9	429	17	1
8	9.9	325	18	1
9	6.6	458	16	1
10	8.4	340	17	1
Detection Percentage: 90 % (>60%)				

Table-4 Radar Type 4 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	18.6	261	13	1
2	18.2	498	12	1
3	17.7	339	14	1
4	17.6	311	15	1
5	13.9	393	15	1
6	18	324	14	1
7	16.5	346	13	1
8	11.2	381	16	1
9	18.8	350	12	1
10	13.1	488	15	1
Detection Percentage: 100 % (>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
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	486364	65.3	10	1	1262	-	-	1
1	750606	95.9	10	1	1308	-	-	1
2	1012711	84.2	10	2	1939	1686	-	1
3	189002	73.2	10	3	1285	1887	1170	1
4	452937	57.4	10	2	1640	1722	-	1
5	716907	70	10	2	1837	1214	-	1
6	980666	71.8	10	2	1636	1504	-	1
7	156474	90.8	10	3	1595	1315	1903	1
8	421222	74.5	10	1	1357	-	-	1
9	684195	64.6	10	2	1956	1433	-	1
10	949522	93.7	10	1	1589	-	-	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	152039	93.1	12	1	1944	-	-	1
1	475230	63.3	12	1	1139	-	-	1
2	796232	96.7	12	3	1140	1645	1853	1
3	1118543	94.4	12	3	1541	1868	1157	1
4	112157	85.3	12	2	1633	1582	-	1
5	435443	64.3	12	1	1102	-	-	1
6	757238	73.8	12	2	1559	1849	-	1
7	1079376	87.8	12	3	1209	1362	1344	1
8	72355	80.1	12	3	1373	1166	1872	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	253228	74.5	6	3	1182	1666	1613	1
1	461604	89.1	6	1	1544	-	-	1
2	669373	97.9	6	1	1213	-	-	1
3	20985	59.8	6	2	1417	1721	-	1
4	227830	88.2	6	3	1212	1314	1652	1
5	435903	94.9	6	1	1820	-	-	1
6	641146	77.7	6	3	1840	1724	1180	1
7	851074	64.5	6	1	1533	-	-	1
8	202353	84.5	6	3	1364	1376	1421	1
9	408642	50.9	6	3	1547	1835	1999	1
10	617275	85.7	6	2	1272	1266	-	1
11	822514	84.5	6	3	1260	1393	1988	1
12	176905	57.3	6	3	1657	1040	1295	1
13	384949	89.2	6	1	1486	-	-	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	458531	66.3	20	3	1224	1783	1444	1
1	619006	87.2	20	3	1084	1925	1584	1
2	117432	67.4	20	3	1850	1929	1228	1
3	279533	55.9	20	1	1132	-	-	1
4	439786	84.4	20	2	1329	1554	-	1
5	600377	78.7	20	2	1507	1815	-	1
6	98147	60.6	20	1	1744	-	-	1
7	258415	94.4	20	3	1632	1569	1098	1
8	418996	59.7	20	3	1239	1828	1333	1
9	580809	72.1	20	2	1875	1163	-	1
10	78164	63.8	20	2	1400	1353	-	1
11	238502	88.9	20	3	1404	1480	1762	1
12	398890	96.3	20	3	1934	1919	1081	1
13	561040	76.5	20	2	1681	1290	-	1
14	58427	82.1	20	1	1649	-	-	1
15	219174	56.6	20	2	1678	1610	-	1
16	380480	84.4	20	2	1033	1528	-	1
17	542417	50.4	20	1	1494	-	-	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	43315	63.2	8	2	1319	1670	-	1
1	224055	93.8	8	3	1720	1012	1700	1
2	405653	82.1	8	2	1651	1355	-	1
3	588180	76.3	8	1	1278	-	-	1
4	20958	98.1	8	3	1726	1450	1247	1
5	202629	74.3	8	1	1301	-	-	1
6	382306	85.1	8	3	1957	1464	1594	1
7	564695	62.5	8	2	1525	1231	-	1
8	745281	92.3	8	2	1699	1702	-	1
9	180222	57.2	8	1	1468	-	-	1
10	361894	56.3	8	1	1200	-	-	1
11	543347	73.5	8	1	1412	-	-	1
12	724965	79	8	1	1348	-	-	1
13	157906	59.2	8	1	1246	-	-	1
14	338696	85.7	8	2	1961	1065	-	1
15	520598	74.2	8	1	1966	-	-	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	862242	80.3	15	3	1431	1509	1379	1
1	166271	57.2	15	3	1205	1698	1641	1
2	388941	67.8	15	3	1908	1755	1125	1
3	613687	58.3	15	1	1737	-	-	1
4	837391	89.4	15	1	1461	-	-	1
5	139240	59	15	1	1836	-	-	1
6	362304	69.5	15	2	1588	1176	-	1
7	585057	80.2	15	3	1338	1055	1082	1
8	809254	79.3	15	2	1045	1104	-	1
9	111303	75.7	15	3	1756	1511	1996	1
10	334391	96.1	15	3	1186	1175	1556	1
11	558888	99.3	15	1	1324	-	-	1
12	780891	98.7	15	2	1767	1385	-	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	91254	51.1	9	1	1536	-	-	1
1	333443	82.5	9	1	1448	-	-	1
2	574586	77.9	9	2	1987	1259	-	1
3	817117	66.6	9	2	1149	1137	-	1
4	61319	85.2	9	2	1325	1946	-	1
5	302969	71.2	9	2	1577	1986	-	1
6	545632	63.6	9	1	1741	-	-	1
7	786087	57.1	9	2	1945	1892	-	1
8	31541	90.1	9	3	1190	1063	1070	1
9	272870	89.2	9	3	1623	1263	1884	1
10	514296	93.1	9	3	1386	1658	1625	1
11	757761	70.8	9	1	1949	-	-	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	71.9	14	1	1704	-	-	1
1	145624	86.4	14	3	1455	1452	1016	1
2	291275	53.3	14	1	1696	-	-	1
3	434226	88.1	14	3	1337	1553	1763	1
4	580817	86.3	14	2	1188	1201	-	1
5	128286	93.2	14	1	1732	-	-	1
6	273656	54.6	14	1	1138	-	-	1
7	418490	53.1	14	1	1723	-	-	1
8	562543	72.1	14	2	1268	1568	-	1
9	110090	96.3	14	2	1993	1493	-	1
10	254971	74.8	14	2	1545	1454	-	1
11	399914	88.8	14	2	1397	1375	-	1
12	545781	76	14	1	1654	-	-	1
13	92647	61	14	1	1043	-	-	1
14	237706	54.1	14	1	1565	-	-	1
15	382920	74.2	14	1	1447	-	-	1
16	526502	51.8	14	2	1684	1561	-	1
17	74288	97	14	3	1320	1861	1592	1
18	219690	72.3	14	1	1940	-	-	1
19	365127	78.3	14	1	1303	-	-	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	1132396	85.8	7	3	1765	1153	1937	1
1	126069	63.9	7	3	1675	1746	1918	1
2	449432	91.2	7	1	1538	-	-	1
3	770223	74.7	7	3	1634	1717	2000	1
4	1093810	78.4	7	2	1552	1964	-	1
5	86465	56.8	7	3	1901	1277	1097	1
6	408644	93.8	7	3	1191	1860	1743	1
7	730848	88	7	3	1519	1391	1899	1
8	1054913	72.1	7	2	1415	1053	-	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	26238	67	10	3	1223	1709	1306	1
1	207735	90.2	10	1	1983	-	-	1
2	389263	68.1	10	1	1772	-	-	1
3	570575	74.8	10	1	1977	-	-	1
4	3972	87.6	10	1	1844	-	-	1
5	185407	67.5	10	1	1910	-	-	1
6	366885	72.7	10	1	1823	-	-	1
7	548387	66.1	10	1	1760	-	-	1
8	730596	92.2	10	1	1005	-	-	1
9	162453	93.1	10	3	1933	1220	1535	1
10	343941	82.5	10	2	1361	1748	-	1
11	524104	91.5	10	3	1150	1693	1663	1
12	705173	96.2	10	3	1459	1574	1194	1
13	140851	76.5	10	1	1156	-	-	1
14	321355	54.8	10	3	1142	1100	1503	1
15	502342	57.7	10	3	1485	1178	1086	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	333.3	1	5356	5485	5699	5625	5469
						5473	5573	5468	5644	5287
						5722	5320	5334	5275	5359
						5408	5379	5264	5276	5687
						5525	5260	5487	5325	5286
						5708	5361	5321	5568	5588
						5612	5554	5378	5691	5335
						5337	5404	5331	5279	5441
						5294	5654	5716	5366	5349
						5273	5660	5709	5284	5316
						5640	5516	5693	5656	5346
						5345	5721	5589	5486	5362
						5599	5403	5400	5418	5667
						5368	5369	5351	5298	5710
						5303	5496	5481	5428	5684
						5662	5685	5426	5534	5522
						5319	5288	5410	5382	5714
						5339	5467	5518	5305	5664
						5394	5501	5566	5673	5504
						5252	5720	5590	5280	5268
2	5570	9	1	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	5570	9	1	333.3	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	5570	9	1	333.3	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	5570	9	1	333.3	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

5 GHz Dual Radio 8x8 + 5 GHz AUX Radio (Client Mode)**5570 MHz, 160 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	818	65	1
2	1	758	70	1
3	1	718	74	1
4	1	698	76	1
5	1	3066	18	1
6	1	898	59	1
7	1	538	99	1
8	1	858	62	1
9	1	878	61	0
10	1	678	78	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	1.1	159	24	1
2	2.5	174	23	1
3	3.9	193	26	0
4	2.3	150	28	1
5	3.8	164	27	1
6	3.2	229	26	1
7	1.4	205	25	1
8	3.2	192	29	1
9	3.6	178	23	0
10	4.8	155	27	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	425	16	1
2	8.8	467	16	1
3	7.9	363	17	1
4	6.8	252	18	1
5	8.1	399	17	1
6	7.7	472	17	1
7	6.2	489	17	1
8	9.3	313	18	1
9	9.3	257	16	1
10	8.1	301	17	1
Detection Percentage: 100 % (>60%)				

Table-4 Radar Type 4 Statistical Performance

Trial #	Pulse Width (μS)	PRI (μs)	Pulse/Burst	Detection (1:yes; 0:no)
1	17.4	271	13	1
2	17.7	345	12	1
3	14.2	205	14	1
4	11	452	15	1
5	14.7	214	15	1
6	18.2	257	14	1
7	14.5	291	13	0
8	12.1	338	16	1
9	11.3	306	12	0
10	11.2	434	15	1
Detection Percentage: 80 % (>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
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	486070	70.5	14	1	1922	-	-	1
1	750145	66	14	1	1978	-	-	1
2	1013436	60	14	2	1590	1257	-	1
3	188930	95.8	14	3	1741	1988	1028	1
4	453262	60.5	14	2	1101	1482	-	1
5	716967	60.5	14	2	1337	1622	-	1
6	981154	64.3	14	2	1129	1470	-	1
7	156442	73.3	14	3	1198	1943	1892	1
8	420993	70.7	14	1	1951	-	-	1
9	684624	81.9	14	2	1446	1261	-	1
10	949668	54	14	1	1421	-	-	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	152108	50.4	5	1	1339	-	-	1
1	475132	93.7	5	1	1414	-	-	1
2	796201	76.4	5	3	1450	1747	1493	1
3	1118967	50.4	5	3	1713	1081	1268	1
4	112191	74.4	5	2	1563	1248	-	1
5	435283	51.4	5	1	1593	-	-	1
6	757483	81.1	5	2	1214	1765	-	1
7	1079545	88.4	5	3	1345	1191	1170	1
8	72367	97.8	5	3	1411	1728	1060	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	253091	97.2	8	3	1961	1716	1247	1
1	461629	71	8	1	1498	-	-	1
2	668972	87.9	8	1	1725	-	-	1
3	20987	85.7	8	2	1084	1986	-	1
4	227798	51.7	8	3	1396	1665	1240	1
5	435974	90.6	8	1	1681	-	-	1
6	641094	65.6	8	3	1869	1043	1902	1
7	851099	78.5	8	1	1508	-	-	1
8	202476	54.4	8	3	1528	1096	1017	1
9	409443	87.4	8	3	1158	1013	1540	1
10	616590	67.1	8	2	1487	1999	-	1
11	823230	85.2	8	3	1408	1366	1125	1
12	176953	74.6	8	3	1260	1024	1481	1
13	385067	59.2	8	1	1223	-	-	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	458394	57.3	8	3	1386	1302	1960	1
1	618801	93.6	8	3	1169	1980	1663	1
2	117510	72.1	8	3	1509	1373	1687	1
3	279334	61.9	8	1	1605	-	-	1
4	439613	92.9	8	2	1576	1569	-	1
5	600762	91.5	8	2	1726	1171	-	1
6	98240	56.6	8	1	1116	-	-	1
7	258118	60.9	8	3	1478	1685	1897	1
8	419213	72.2	8	3	1315	1711	1032	1
9	581055	55.1	8	2	1054	1703	-	1
10	78138	65.5	8	2	1709	1264	-	1
11	238368	79.1	8	3	1678	1873	1468	1
12	398823	70.3	8	3	1389	1894	1761	1
13	561065	63.3	8	2	1458	1483	-	1
14	58397	78.7	8	1	1996	-	-	1
15	219114	82	8	2	1944	1524	-	1
16	380147	96.2	8	2	1592	1550	-	1
17	542465	75.5	8	1	1435	-	-	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	43290	83.1	16	2	1510	1910	-	1
1	224119	90.2	16	3	1473	1217	1526	1
2	405797	92.3	16	2	1490	1250	-	1
3	587945	99.6	16	1	1577	-	-	1
4	20968	78.1	16	3	1382	1166	1514	1
5	202614	74.4	16	1	1354	-	-	1
6	382160	94	16	3	1501	1891	1907	1
7	564705	70	16	2	1505	1238	-	1
8	745418	95	16	2	1298	1966	-	1
9	180137	85.8	16	1	1817	-	-	1
10	361937	68.9	16	1	1111	-	-	1
11	543470	83.4	16	1	1243	-	-	1
12	725131	64.7	16	1	1177	-	-	1
13	157868	68.8	16	1	1427	-	-	1
14	338910	75.9	16	2	1207	1346	-	1
15	521029	84.5	16	1	1347	-	-	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	862575	69	11	3	1133	1454	1377	1
1	166211	56.9	11	3	1836	1293	1745	1
2	389162	52.3	11	3	1455	1188	1623	1
3	613631	89.5	11	1	1821	-	-	1
4	837751	88.3	11	1	1065	-	-	1
5	139289	96.9	11	1	1512	-	-	1
6	362293	91.1	11	2	1595	1197	-	1
7	583720	86.3	11	3	1748	1888	1940	1
8	808614	98.8	11	2	1874	1003	-	1
9	111392	82.8	11	3	1175	1952	1402	1
10	334388	70.1	11	3	1313	1536	1076	1
11	558663	72.6	11	1	1695	-	-	1
12	781428	70.3	11	2	1231	1288	-	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	91277	52.2	17	1	1286	-	-	1
1	333516	99.8	17	1	1230	-	-	1
2	574690	72.4	17	2	1667	1399	-	1
3	816643	91.3	17	2	1814	1050	-	1
4	61354	91.7	17	2	1486	1222	-	1
5	303358	52	17	2	1167	1114	-	1
6	545663	84.4	17	1	1684	-	-	1
7	786498	66.9	17	2	1742	1574	-	1
8	31499	57.8	17	3	1661	1049	1938	1
9	272930	65.5	17	3	1582	1374	1596	1
10	514053	97.8	17	3	1343	1921	1877	1
11	757874	67.9	17	1	1800	-	-	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	72.9	17	1	1126	-	-	1
1	145379	96.5	17	3	1477	1562	1886	1
2	291540	70.8	17	1	1152	-	-	1
3	434171	92.1	17	3	1723	1400	1606	1
4	579881	88.9	17	2	1919	1433	-	1
5	128412	90.4	17	1	1146	-	-	1
6	273411	96.8	17	1	1675	-	-	1
7	418377	53.2	17	1	1884	-	-	1
8	561998	85.8	17	2	1589	1825	-	1
9	110208	94.3	17	2	1239	1603	-	1
10	254921	71.8	17	2	1858	1259	-	1
11	399807	79.7	17	2	1876	1056	-	1
12	546027	56.7	17	1	1384	-	-	1
13	92621	87.3	17	1	1213	-	-	1
14	237671	86.3	17	1	1652	-	-	1
15	382580	99.2	17	1	1979	-	-	1
16	525943	56	17	2	1915	1964	-	1
17	74358	50.7	17	3	1856	1272	1085	1
18	219839	95.3	17	1	1535	-	-	1
19	364983	54.2	17	1	1538	-	-	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	1132460	71.4	15	3	1710	1972	1098	1
1	126214	99.7	15	3	1163	1140	1499	1
2	449530	92.7	15	1	1246	-	-	1
3	771308	86	15	3	1464	1005	1011	1
4	1094478	96.5	15	2	1491	1212	-	1
5	86420	92.1	15	3	1296	1824	1849	1
6	408764	73.1	15	3	1686	1600	1117	1
7	731220	66.7	15	3	1136	1706	1292	1
8	1054459	91.6	15	2	1521	1520	-	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	26230	67.6	11	3	1865	1281	1317	1
1	207858	61.1	11	1	1542	-	-	1
2	389382	91.5	11	1	1543	-	-	1
3	570986	54.5	11	1	1438	-	-	1
4	3974	71.5	11	1	1401	-	-	1
5	185440	65.3	11	1	1778	-	-	1
6	366974	50.4	11	1	1641	-	-	1
7	548294	70.2	11	1	1887	-	-	1
8	729692	94.2	11	1	1931	-	-	1
9	162428	59.9	11	3	1208	1956	1636	1
10	343949	92.4	11	2	1668	1425	-	1
11	523384	73.3	11	3	1654	1937	1939	1
12	704651	69.4	11	3	1842	1004	1933	1
13	140772	84.5	11	1	1579	-	-	1
14	321262	58	11	3	1645	1277	1039	1
15	501613	78	11	3	1967	1147	1718	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	333.3	1	5434	5477	5260	5541	5392
						5331	5299	5336	5373	5380
						5493	5534	5278	5549	5415
						5255	5416	5587	5585	5686
						5318	5422	5691	5417	5384
						5277	5629	5467	5580	5677
						5274	5330	5478	5601	5269
						5485	5641	5562	5399	5593
						5381	5589	5596	5599	5721
						5697	5315	5400	5423	5530
						5543	5712	5359	5608	5548
						5374	5258	5401	5492	5594
						5518	5525	5469	5551	5622
						5673	5396	5592	5597	5372
						5533	5440	5662	5558	5451
						5663	5640	5402	5661	5317
						5365	5504	5566	5609	5491
						5483	5284	5517	5554	5345
						5351	5512	5418	5409	5474
						5298	5446	5371	5644	5630
2	5570	9	1	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	333.3	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	5570	9	1	333.3	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	5570	9	1	333.3	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	5570	9	1	333.3	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

10 Appendix A (Normative) – DFS Test Setup Photographs

Please refer to the attachment.

11 Appendix B (Normative) – EUT External Photographs

Please refer to the attachment.

12 Appendix C (Normative) – EUT Internal Photographs

Please refer to the attachment

13 Appendix D (Normative) – A2LA Electrical Testing Certificate



Accredited Laboratory

A2LA has accredited

BAY AREA COMPLIANCE LABORATORIES CORP.

Sunnyvale, CA

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets A2LA R222 - Specific Requirements EPA ENERGY STAR Accreditation Program. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 13th day of September 2024.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3297.02
Valid to September 30, 2026

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

Please follow the web link below for a full ISO 17025 scope

<https://www.a2la.org/scopepdf/3297-02.pdf>

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