UNIFIED COMPLIANCE LABORATORY

427 West 12800 South
Draper, UT 84020

Test Report

Certification

FCC ID	SWX-U6PRO
IC ID	6545A-U6PRO
Equipment Under Test	U6-Pro
Test Report Serial Number	TR5011_02
Date of Test(s)	23 September, 21 – 30 October 2020
Report Issue Date	2 November 2020

Test Specification	Applicant
47 CFR FCC Part 15, Subpart E	Ubiquiti Inc. 685 Third Avenue New York, NY 10019 U.S.A.

NVLAP TESTING ilac-MRA

NVLAP LAB CODE 600241-0

Certification of Engineering Report

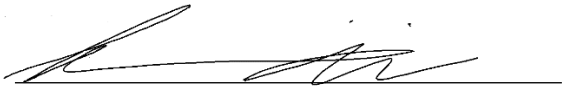
This report has been prepared by Unified Compliance Laboratory (UCL) to document compliance of the device described below with the requirement of Federal Communication Commissions (FCC) Part 15, Subpart E. This report may be reproduced in full. Partial reproduction of this report may only be made with the written consent of the laboratory. The results in this report apply only to the sample tested.

Applicant	Ubiquiti Inc.
Manufacturer	Ubiquiti Inc.
Brand Name	Unifi
Model Number	U6-Pro
FCC ID	SWX-U6PRO
ISED ID	6545A-U6PRO

On this 2nd day of November 2020, I individually and for Unified Compliance Laboratory certify that the statements made in this engineering report are true, complete and correct to the best of my knowledge and are made in good faith.

Although NVLAP has accredited the Unified Compliance Laboratory testing facilities, this report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government.

Unified Compliance Laboratory



Written By: Alex Macon

Reviewed By:

Revision History		
Revision	**Description**	**Date**
01	Original Report Release	2 November 2020
02	Amended Section 3.5	3 November 2020

Table of Contents

1 Client Information

1.1 Applicant

Company	Ubiquiti Inc. 685 Third Avenue New York, NY 10017 U.S.A.
Contact Name	Mark Feil
Title	Compliance Manager

1.2 Manufacturer

Company	Ubiquiti Inc. 685 Third Avenue New York, NY 10017 U.S.A.
Contact Name	Mark Feil
Title	Compliance Manager

2 Equipment Under Test (EUT)

2.1 Identification of EUT

Brand Name	Unifi
Model Number	U6-Pro
Serial Number	7483C29FF2FB
Dimensions (cm)	22.0 x 22.0 x 4.8

2.2 Description of EUT

The U6-Pro is a Wi-Fi 6 access point designed for wide-ranging wireless coverage while maintaining overall network capacity. It delivers an aggregate radio rate of up to 2.7 Gbps with 5 GHz (4x4 MU-MIMO and OFDMA) and 2.4 GHz (2x2 MIMO) radios. U6-Pro uses a sophisticated antenna design with sideways amplification to offer excellent range when mounted horizontally. U6-Pro combines its purpose-built antenna with powerful Wi-Fi 6 features like OFDMA, beamforming, and BSS coloring for reliable long-range wireless performance.

Band	Modulation Bandwidth	Frequency (MHz)
UNII-1	20 MHz	5180, 5200, 5220, 5240
	40 MHz	5190, 5230
	80 MHz	5210
UNII-2A	20 MHz	5260, 5280, 5300, 5320
	40 MHz	5270, 5310
	80 MHz	5290
UNII-2C	20 MHz	5500, 5520, 5540, 5560, 5580, 5600*, 5620*, 5640*, 5660, 5680, 5700
	40 MHz	5510, 5550, 5570, 5590*, 5630*, 5670
	80 MHz	5530, 5610*, 5690
UNII-3	20 MHz	5745, 5765, 5785, 5805, 5825
	40 MHz	5755, 5795,
	80 MHz	5775

*Frequency not applicable in Canada

This report covers the circuitry of the device subject to FCC Part 15, Subpart E. The circuitry of the device subject to FCC Part 15 Subpart B was found to be compliant and is covered under Unified Compliance Laboratory report.

2.3 EUT and Support Equipment

The EUT and support equipment used during the test are listed below.

Brand Name Model Number Serial Number	Description	Name of Interface Ports / Interface Cables
BN: Unifi MN: U6-Pro SN: 7483C29FF2FB		
BN: Dell MN: XPS 13 SN: N/A	Laptop PC	Shielded or Un-Shielded Cat 5e cable (Note 2)

Notes: (1) EUT
(2) Interface port connected to EUT (See Section 2.4)

The support equipment listed above was not modified in order to achieve compliance with this standard.

2.4 Interface Ports on EUT

Name of Ports	No. of Ports Fitted to EUT	Cable Description/Length
AC Mains	1	3 conductor power cord/80 cm
POE (POE Injector)	1	Shielded Cat 5e cable/8 meters
LAN (POE Injector)	1	Unshielded Cat 5e cable/1 meter

2.5 Operating Environment

Power Supply	120 VAC
AC Mains Frequency	120 VAC
Temperature	60 Hz
Humidity	27.3 – 28.5 °C
Barometric Pressure	22.3 – 37.4 %

2.6 Operating Modes

The U6-Pro was tested using test software in order to enable to constant transmission of over 98% All emission modes of 802.11 a/n/ac/ax were investigated.

2.7 EUT Exercise Software

DUT firmware version 1.0 was used to operate the transmitter using a constant transmit mode.

2.8 Block Diagram of Test Configuration

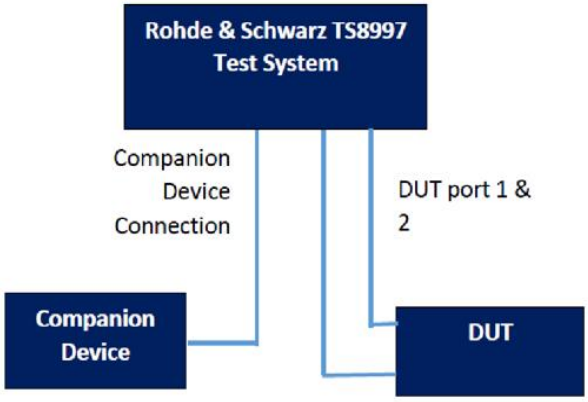


Diagram 1: Test Configuration Block Diagram

2.9 Modification Incorporated/Special Accessories on EUT

There were no modifications made to the EUT during testing to comply with the specification.

2.10 Deviation, Opinions Additional Information or Interpretations from Test Standard

There were no deviations, opinions, additional information or interpretations from the test specification.

3 Test Specification, Method and Procedures

3.1 Test Specification

Title	47 CFR FCC Part 15, Subpart E, Section 15.407 Limits and methods of measurement of radio interference characteristics of Unlicensed National Information Infrastructure Devices
Purpose of Test	The tests were performed to demonstrate initial compliance

3.2 Methods & Procedures

3.2.1 47 CFR FCC Part 15 Section 15.407

See test standard for details.

3.3 FCC Part 15, Subpart E

3.3.1 Summary of Tests

FCC Section	IC Section	Environmental Phenomena	Frequency Range (MHZ)	Result
15.407(h)	RSS-247 §6.3	DFS Requirements	5150 to 5875	Compliant
The testing was performed according to the procedures in ANSI C63.10-2013, KDB 789033, KDB 905462 and 47 CFR Part 15.				

3.4 Results

In the configuration tested, the EUT complied with the requirements of the specification.

3.5 Test Location

Testing was performed at the Unified Compliance Laboratory 10-Meter chamber located at 427 West 12800 South, Draper, UT 84020. Unified Compliance Laboratory is accredited by National Voluntary Laboratory Accreditation Program (NVLAP); NVLAP Code 600241-0 which is effective until 30 June 2020. This site has also been registered with Innovations, Science and Economic Development (ISED) department and was accepted under Appendix B, Phase 1 procedures of the APEC Tel MRA for Canadian recognition. ISED No.: 25346, effective until June 30, 2021. Unified Compliance Laboratory has been assigned Conformity Assessment Number US0223 by ISED.

4 Test Equipment

4.1 Direct Connect at the Antenna Port Tests

Type of Equipment	Manufacturer	Model Number	Asset Number	Date of Last Calibration	Due Date of Calibration
Spectrum Analyzer	R&S	FSV40	UCL-2861	8/24/2020	8/24/2021
Signal Generator	R&S	SMB100A	UCL-2864	N/A	N/A
Vector Signal Generator	R&S	SMBV100A	UCL-2873	N/A	N/A
Switch Extension	R&S	OSP-B157WX	UCL-2867	8/25/2020	8/25/2021
Switch Extension	R&S	OSP-150W	UCL-2870	8/21/2020	8/21/2021

Table 1:List of equipment used for Direct Connect at the Antenna Port

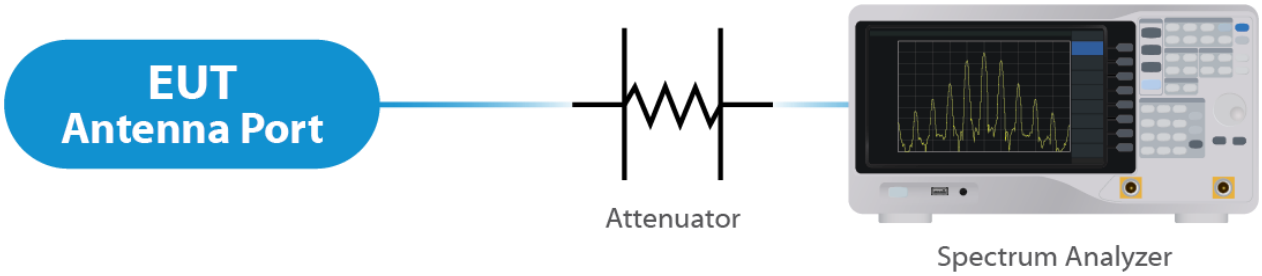


Figure 1: Direct Connect at the Antenna Port Test

4.2 Equipment Calibration

All applicable equipment is calibrated using either an independent calibration laboratory or Unified Compliance Laboratory personnel at intervals defined in ANSI C63.4:2014 following outlined calibration procedures. All measurement instrumentation is traceable to the National Institute of Standards and Technology (NIST). Supporting documentation relative to traceability is on file and is available for examination upon request.

4.3 Measurement Uncertainty

Test	Uncertainty (± dB)	Confidence (%)
Conducted Emissions	1.44	95
Radiated Emissions (9 kHz to 30 MHz)	2.50	95
Radiated Emissions (30 MHz to 1 GHz)	4.38	95
Radiated Emissions (1 GHz to 18 GHz)	4.37	95
Radiated Emissions (18 GHz to 40 GHz)	3.93	95
Direct Connect Tests	**K Factor**	**Value**
Emissions Bandwidth	2	2.0%
Output Power	2	1.0 dB

Peak Power Spectral Density	2	1.3 dB
Band Edge	2	0.8 dB
Transmitter Spurious Emissions	2	1.8 dB

5 Test Results

5.1 DFS Requirement

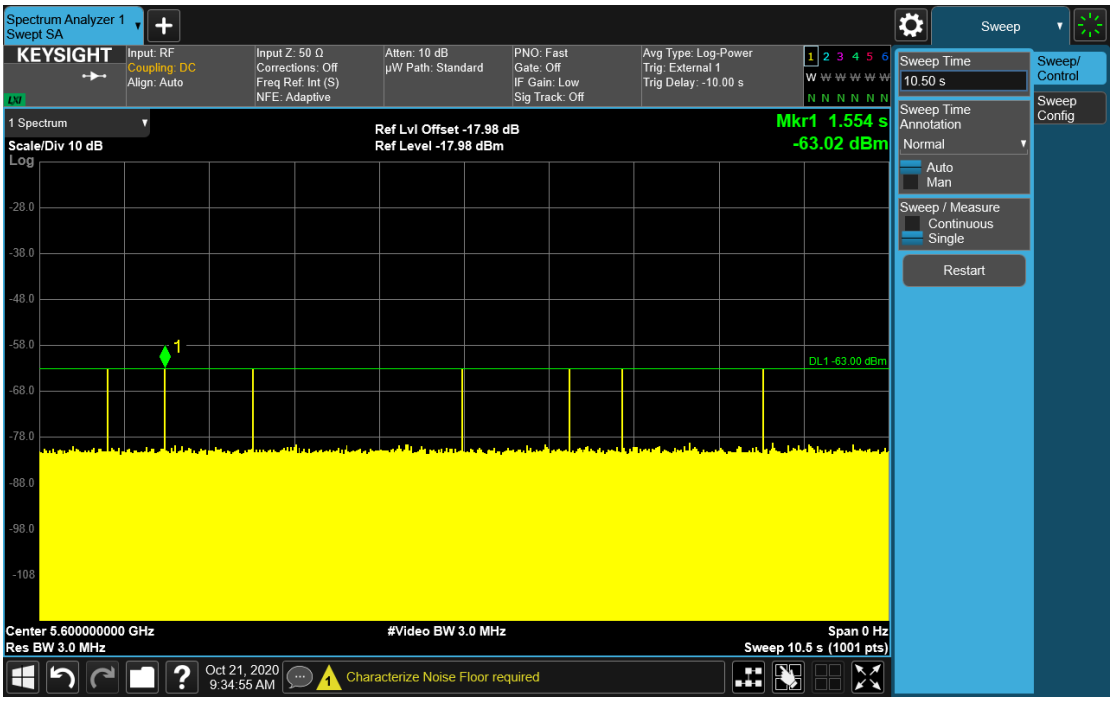
This product is a master with radar detection. The outcome of the required DFS tests is located in the DFS Annex. The product passes all required DFS tests for a client without radar detection. All information on DFS Detection Threshold and radar waveforms is located within the DFS Annex. The test procedures utilized are those located in KDB 905462 D02

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

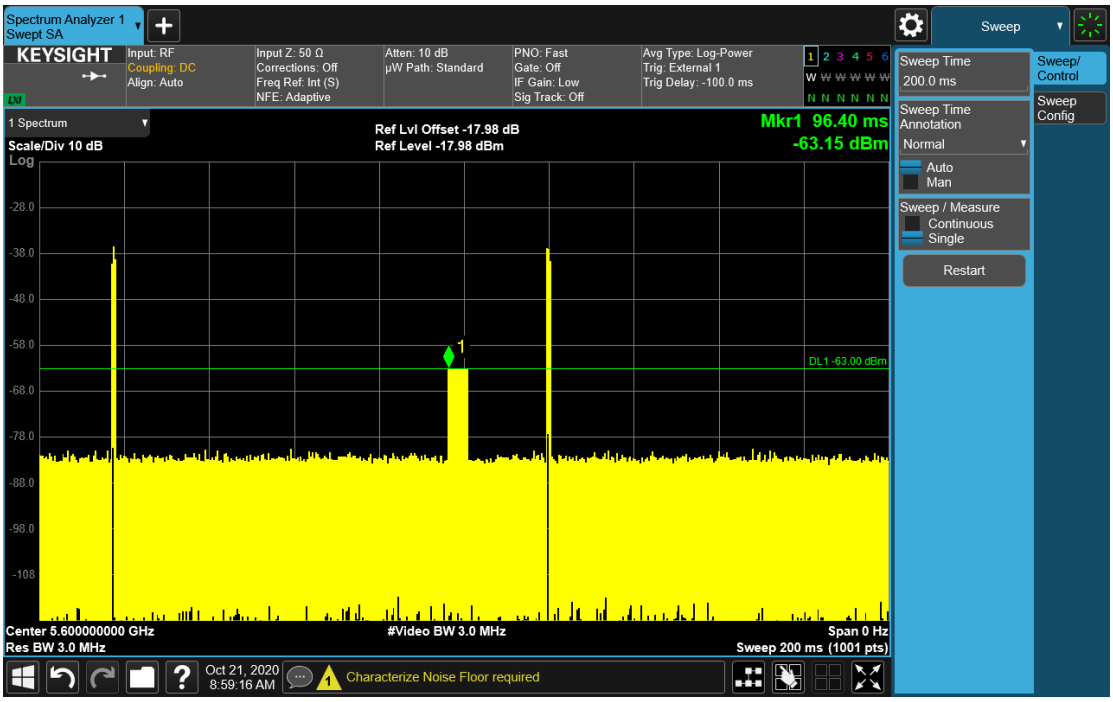
Requirement	Operational Mode	
	Master Client Without Radar Detection	Client With Radar Detection
DFS Detection Threshold	Yes	Not Required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not Required

DFS Annex

Radar Waveform Calibration



Radar Bin 5



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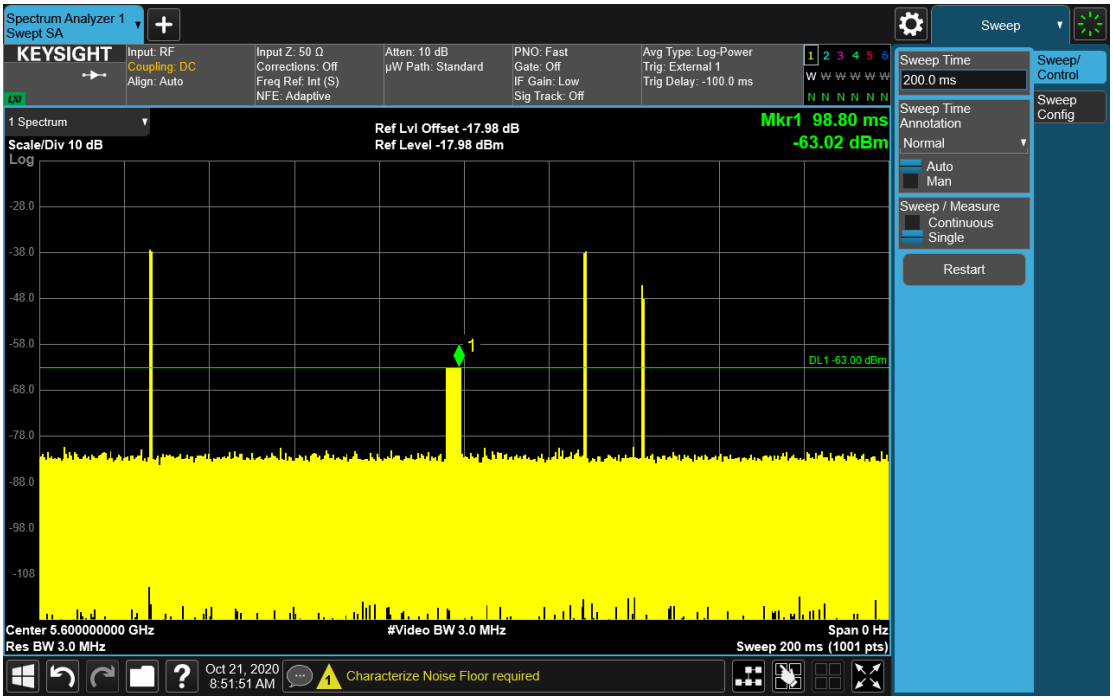
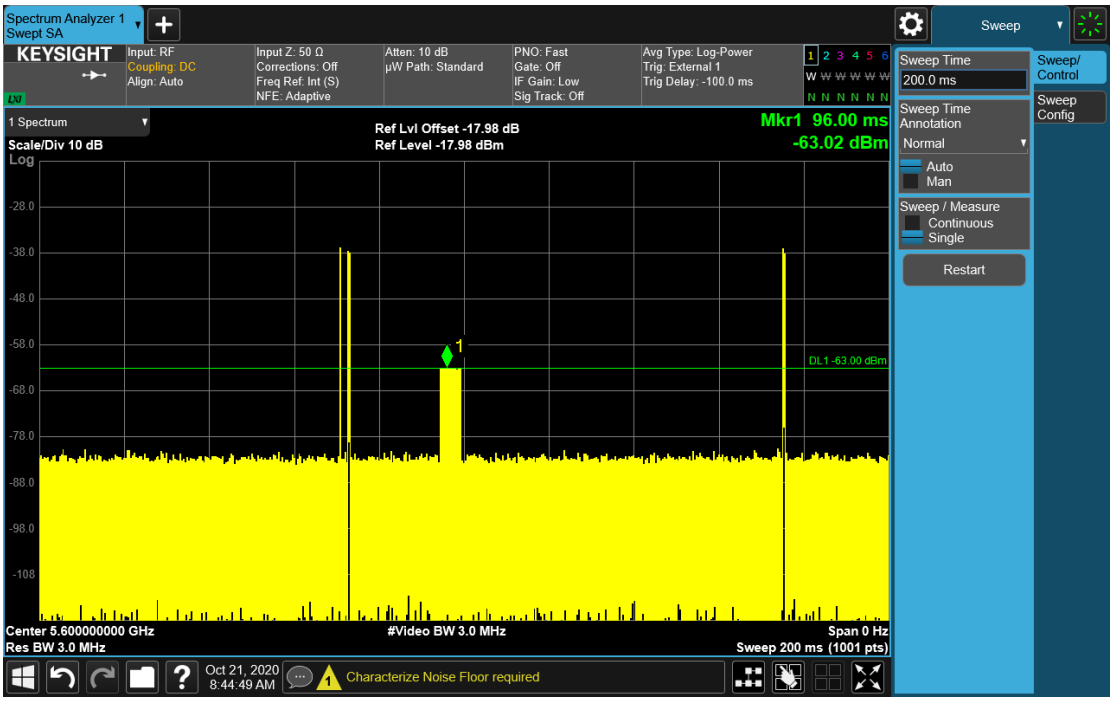
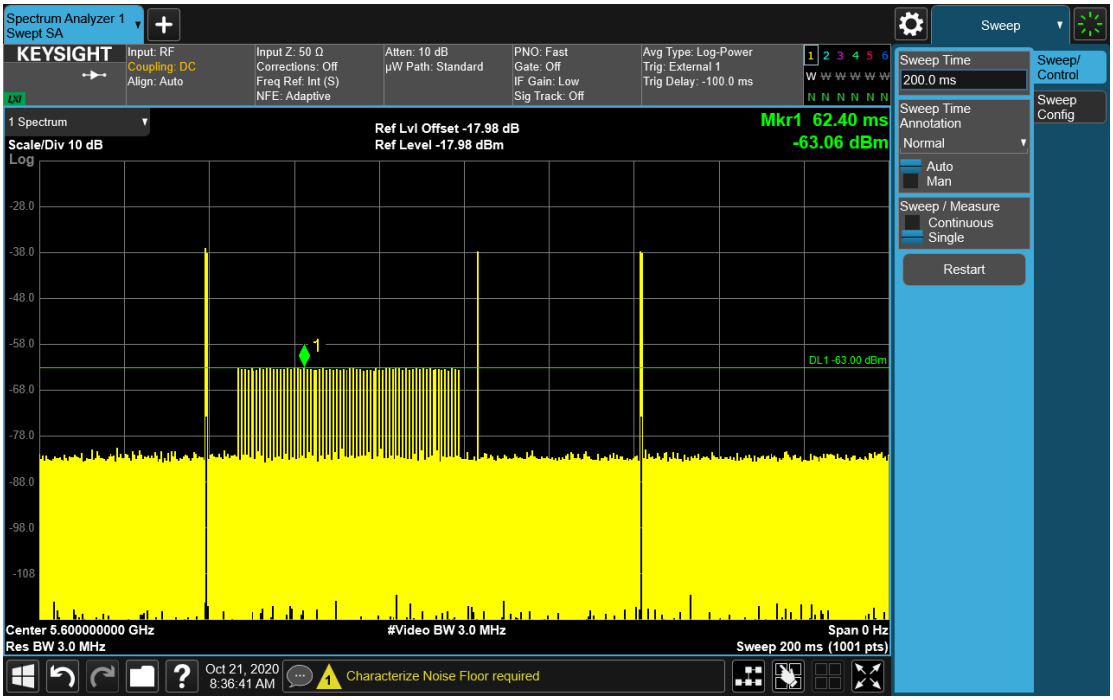


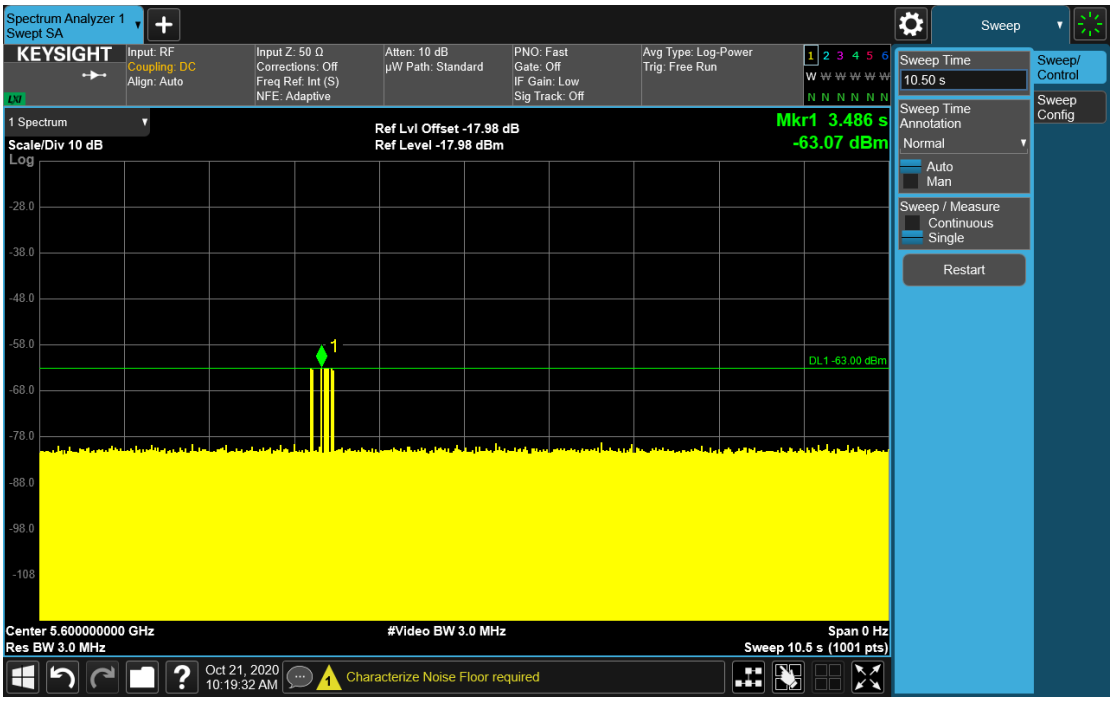
Radar Bin 3



Radar Bin 2



Radar Bin 1



Radar Bin 6

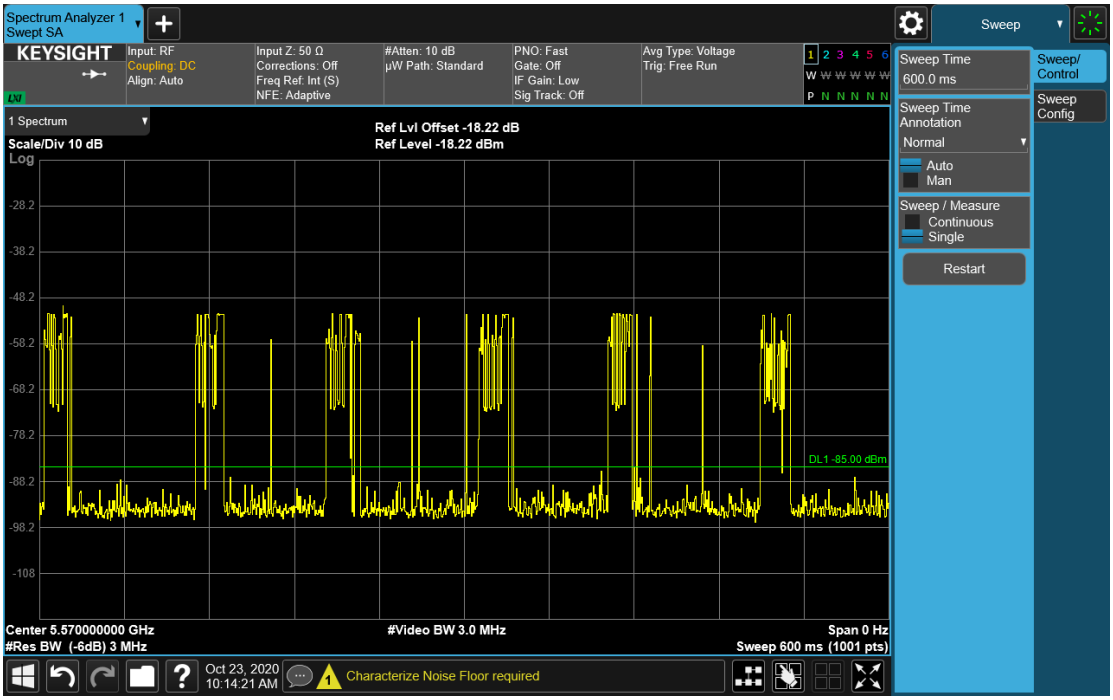
*The emissions seen in the plots above that exceed the -63 dBm display line are beacons from the client radio.

Channel Loading

20 MHz Chanel_ 17% traffic

40 MHz Channel_17% traffic

80 MHz channel _ 17% traffic



160 MHz channel _ 17% traffic

U-NII Detection Bandwidth

Band Width (MHz)	FH (MHZ)	FL (MHz)	FH-FL (MHz)	99% BW (MHz)	Delta (MHz)
20	5590	5610	20	19.8	0.2
40	5570	5610	40	39.6	0.4
80	5570	5650	80	79.2	0.8
160	5490	5650	160	158.4	1.6

Test Procedure

The EUT was setup up as a standalone device with no associated client and with no traffic. A single radar burst of types 1 – 6 was injected into the EUT at the center frequency of the channel and the response recorded. A minimum of 10 trials was performed. The frequency of the radar signal was then decreased in 5 MHz steps until the detection fell below the detection criteria. The frequency was then increased by 5 MHz and thn decreased in 1 MHz steps until the detection rate began to fall. This was noted as Fl The is was repeated on the other side of the center of the carrier and the frequency noted as Fh.

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

EUT Frequency = 5600 MHz ; Bandwidth = 20 MHz											
Radar Frequency MHz	**DFS Detection Trials (1 = Detection, 0 = No Detection)**										**Detection Rate %**
	Trials										
	1	2	3	4	5	6	7	8	9	10	
F_Low 5590	1	1	1	1	1	1	1	1	1	1	100
5591											
5592											
5593											
5594											
5595	1	1	1	1	1	1	1	1	1	1	100
5596											
5597											
5598											
5599											
5600	1	1	1	1	1	1	1	1	1	1	100
5601											
5602											
5603											
5604											
5605	1	1	1	1	1	1	1	1	1	1	100
5606											
5607											
5608											
5609											
F_High 5610	1	1	1	1	1	1	1	1	1	1	100
Total Detection Percentage											100
Detection Bandwidth = FH-FL = 5590 MHz - 5610 MHz = 20 MHz											
99% Bandwidth = 19.8 MHz											

EUT Frequency = 5590 MHz ; Bandwidth = 40 MHz											
Radar Frequency MHz	**DFS Detection Trials (1 = Detection, 0 = No Detection)** Trials										**Detection Rate %**
	1	2	3	4	5	6	7	8	9	10	
F_Low 5570	1	1	1	1	1	1	1	1	1	1	100
5571											
5572											
5573											
5574											
5575	1	1	1	1	1	1	1	1	1	1	100
5576											
5577											
5578											
5579											
5580	1	1	1	1	1	1	1	1	1	1	100
5581											
5582											
5583											
5584											
5585	1	1	1	1	1	1	1	1	1	1	100
5586											
5587											
5588											
5589											
5590	1	1	1	1	1	1	1	1	1	1	100
5591											
5592											
5593											
5594											
5595	1	1	0	1	1	1	1	1	1	1	90
5596											
5597											
5598											
5599											
5600	1	1	1	1	1	1	1	1	1	1	100
5601											
5602											
5603											
5604											
5605	1	1	1	1	1	1	1	1	1	1	100
5606											
5607											
5608											

5609											
F_High 5610	1	1	1	1	1	1	1	1	1	1	100
Total Detection Percentage											98.888889
Detection Bandwidth = FH-FL = 5570 MHz - 5610 MHz = 40 MHz											
99% Bandwidth = 39.6 MHz											

EUT Frequency = 5610 MHz ; Bandwidth = 80 MHz											
Radar Frequency MHz	DFS Detection Trials (1 = Detection, 0 = No Detection) Trials										Detection Rate %
	1	2	3	4	5	6	7	8	9	10	
F_Low 5570	1	1	1	1	1	1	1	1	1	1	100
5571											
5572											
5573											
5574											
5575	1	1	1	1	1	1	1	1	1	1	100
5576											
5577											
5578											
5579											
5580	1	1	1	1	1	1	1	1	1	1	100
5581											
5582											
5583											
5584											
5585	1	1	1	1	1	1	1	1	1	1	100
5586											
5587											
5588											
5589											
5590	1	1	1	1	1	1	1	1	1	1	100
5591											
5592											
5593											
5594											
5595	1	1	1	1	1	1	1	1	1	1	100
5596											
5597											
5598											
5599											
5600	1	1	1	1	1	1	1	1	1	1	100
5601											
5602											
5603											
5604											
5605	1	1	1	1	1	1	1	1	1	1	100
5606											
5607											
5608											
5609											
5610	1	1	1	1	1	1	1	1	1	1	100
5611											
5612											
5613											
5614											
5615	1	1	1	1	1	1	1	1	1	1	100
5616											
5617											
5618											
5619											
5620	1	1	1	1	1	1	1	1	1	1	100
5621											
5622											
5623											
5624											
5625	1	1	1	1	1	1	1	1	1	1	100
5626											
5627											
5628											
5629											
5630	1	1	1	1	1	1	1	1	1	1	100
5631											
5632											
5633											
5634											
5635	1	1	1	1	1	1	1	1	1	1	100
5636											
5637											
5638											
5639											
5640	1	1	1	1	1	1	1	1	1	1	100
5641											
5642											
5643											
5644											
5645	1	1	1	1	1	1	1	1	1	1	100

5646											
5647											
5648											
5649											
F_High 5650	1	1	1	1	1	1	1	1	1	1	100
Total Detection Percentage											100
Detection Bandwidth = FH-FL = 5570 MHz - 5650 MHz = 80 MHz											
99% Bandwidth = 79.2 MHz											

EUT Frequency = 5570 MHz ; Bandwidth = 160 MHz											
Radar Frequency MHz	DFS Detection Trials (1 = Detection, 0 = No Detection) Trials										Detection Rate
	1	2	3	4	5	6	7	8	9	10	
F Low -5490	1	1	1	1	1	1	1	1	1	1	100
5491											
5492											
5493											
5494											
5495	1	1	1	1	1	1	1	1	1	1	100
5496											
5497											
5498											
5499											
5500	1	1	1	1	1	1	1	1	1	1	100
5501											
5502											
5503											
5504											
5505	1	1	1	1	1	1	1	1	1	1	100
5506											
5507											
5508											
5509											
5510	1	1	1	1	1	1	1	1	1	1	100
5511											
5512											
5513											
5514											
5515	1	1	1	1	1	1	1	1	1	1	100
5516											
5517											
5518											
5519											
5520	1	1	1	1	1	1	1	1	1	1	100
5521											
5522											
5523											
5524											
5525	1	1	1	1	1	1	1	1	1	1	100
5526											
5527											
5528											
5529											
5530	1	1	1	1	1	1	1	1	1	1	100
5531											
5532											
5533											
5534											
5535	1	1	1	1	1	1	1	1	1	1	100
5536											
5537											
5538											
5539											
5540	1	1	1	1	1	1	1	1	1	1	100
5541											
5542											
5543											
5544											
5545	1	1	1	1	1	1	1	1	1	1	100
5546											
5547											
5548											
5549											
5550	1	1	1	1	1	1	1	1	1	1	100
5551											
5552											
5553											
5554											
5555	1	1	1	1	1	1	1	1	1	1	100
5556											
5557											
5558											
5559											
5560	1	1	1	1	1	1	1	1	1	1	100
5561											
5562											
5563											
5564											
5565	1	1	1	1	1	1	1	1	1	1	100
5566											
5567											
5568											
5569											
5570	1	1	1	1	1	1	1	1	1	1	100
5571											
5572											
5573											
5574											
5575	1	1	1	1	1	1	1	1	1	1	100
5576											
5577											
5578											
5579											
5580	1	1	1	1	1	1	1	1	1	1	100
5581											
5582											
5583											
5584											
5585	1	1	1	1	1	1	1	1	1	1	100
5586											
5587											
5588											
5589											
5590	1	1	1	1	1	1	1	1	1	1	100
5591											
5592											
5593											
5594											
5595	1	1	1	1	1	1	1	1	1	1	100
5596											
5597											
5598											
5599											
5600	1	1	1	1	1	1	1	1	1	1	100
5601											
5602											
5603											
5604											
5605	1	1	1	1	1	1	1	1	1	1	100
5606											
5607											
5608											
5609											
5610	1	1	1	1	1	1	1	1	1	1	100
5611											
5612											
5613											
5614											
5615	1	1	1	1	1	1	1	1	1	1	100
5616											
5617											
5618											
5619											
5620	1	1	1	1	1	1	1	1	1	1	100
5621											
5622											
5623											
5624											
5625	1	1	1	1	1	1	1	1	1	1	100
5626											
5627											
5628											
5629											
5630	1	1	1	1	1	1	1	1	1	1	100
5631											
5632											
5633											
5634											
5635	1	1	1	1	1	1	1	1	1	1	100
5636											
5637											
5638											
5639											
5640	1	1	1	1	1	1	1	1	1	1	100

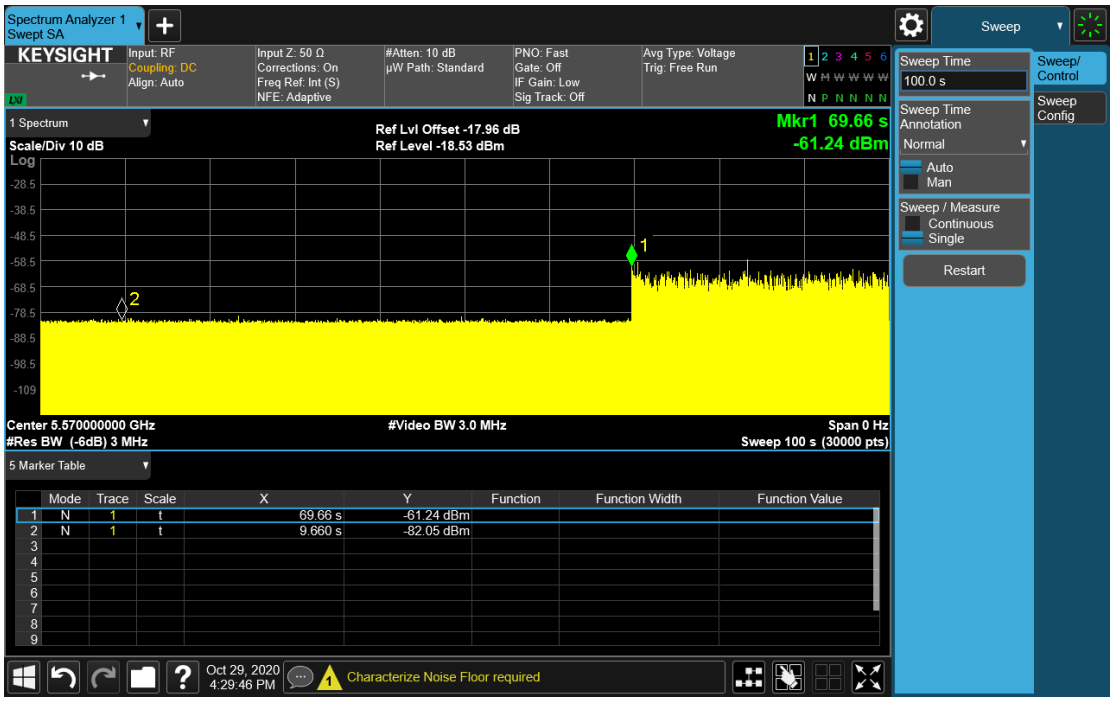
5641										
5642										
5643										
5644										
5645	1	1	1	1	1	1	1	1	1	100
5646										
5647										
5648										
5649										
F-High 5650	1	1	1	1	1	1	1	1	1	100
Total Detection Percentage										100
Detection Bandwidth = FH-FL = 5490 MHz - 5650 MHz = 160 MHz										
99% Bandwidth = 158.4 MHz										

EUT Frequency = 5600 MHz ; Bandwidth = 20 MHz											
Radar Frequency MHz	**DFS Detection Trials (1 = Detection, 0 = No Detection)** Trials										**Detection Rate %**
	1	2	3	4	5	6	7	8	9	10	
F_Low 5590	1	1	1	1	1	1	1	1	1	1	100
5591											
5592											
5593											
5594											
5595	1	1	1	1	1	1	1	1	1	1	100
5596											
5597											
5598											
5599											
5600	1	1	1	1	1	1	1	1	1	1	100
5601											
5602											
5603											
5604											
5605	1	1	1	1	1	1	1	1	1	1	100
5606											
5607											
5608											
5609											
F_High 5610	1	1	1	1	1	1	1	1	1	1	100
Total Detection Percentage											100
Detection Bandwidth = FH-FL = 5590 MHz - 5610 MHz = 20 MHz											
99% Bandwidth = 19.8 MHz											

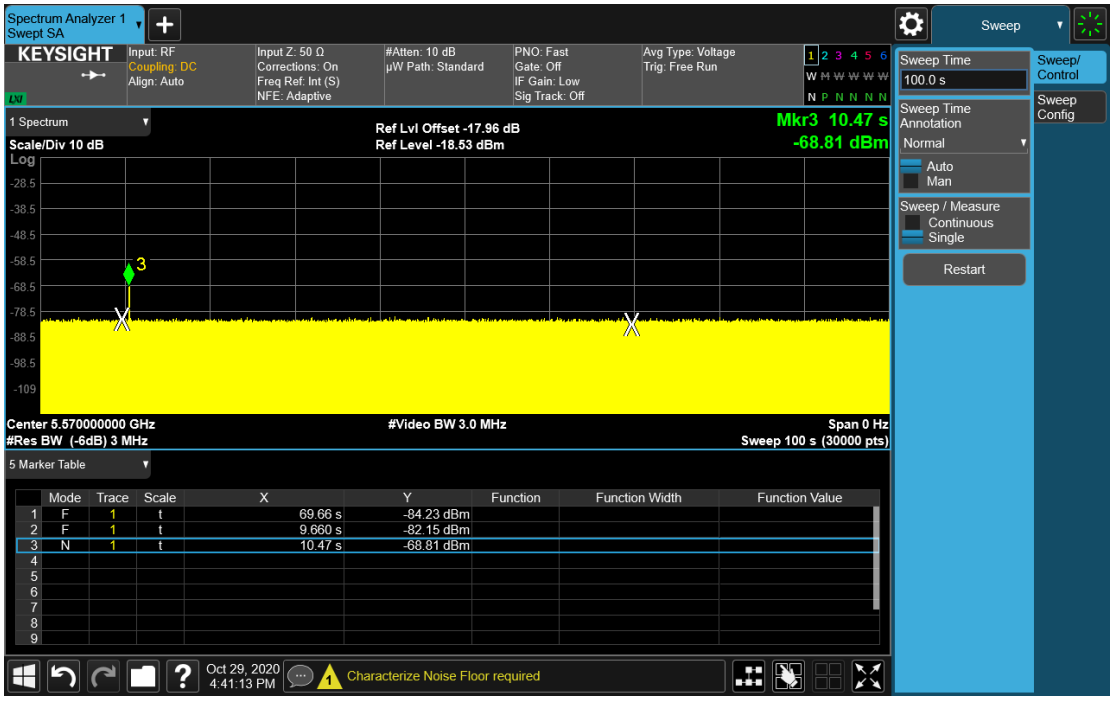
EUT Frequency = 5590 MHz ; Bandwidth = 40 MHz											
Radar Frequency MHz	**DFS Detection Trials (1 = Detection, 0 = No Detection)**										**Detection Rate**
	Trials										
	1	2	3	4	5	6	7	8	9	10	
F_Low 5570	1	1	1	1	1	1	1	1	1	1	100
5571											
5572											
5573											
5574											
5575	1	1	1	1	1	1	1	1	1	1	100
5576											
5577											
5578											
5579											
5580	1	1	1	1	1	1	1	1	1	1	100
5581											
5582											
5583											
5584											
5585	1	1	1	1	1	1	1	1	1	1	100
5586											
5587											
5588											
5589											
5590	1	1	1	1	1	1	1	1	1	1	100
5591											
5592											
5593											
5594											
5595	1	1	1	1	1	1	1	1	1	1	100
5596											
5597											
5598											
5599											
5600	1	1	1	1	1	1	1	1	1	1	100
5601											
5602											
5603											
5604											
5605	1	1	1	1	1	1	1	1	1	1	100
5606											
5607											
5608											

5609											
F_High 5610	1	1	1	1	1	1	1	1	1	1	100
Total Detection Percentage											100
Detection Bandwidth = FH-FL = 5570 MHz - 5610 MHz = 40 MHz											
99% Bandwidth = 39.6 MHz											

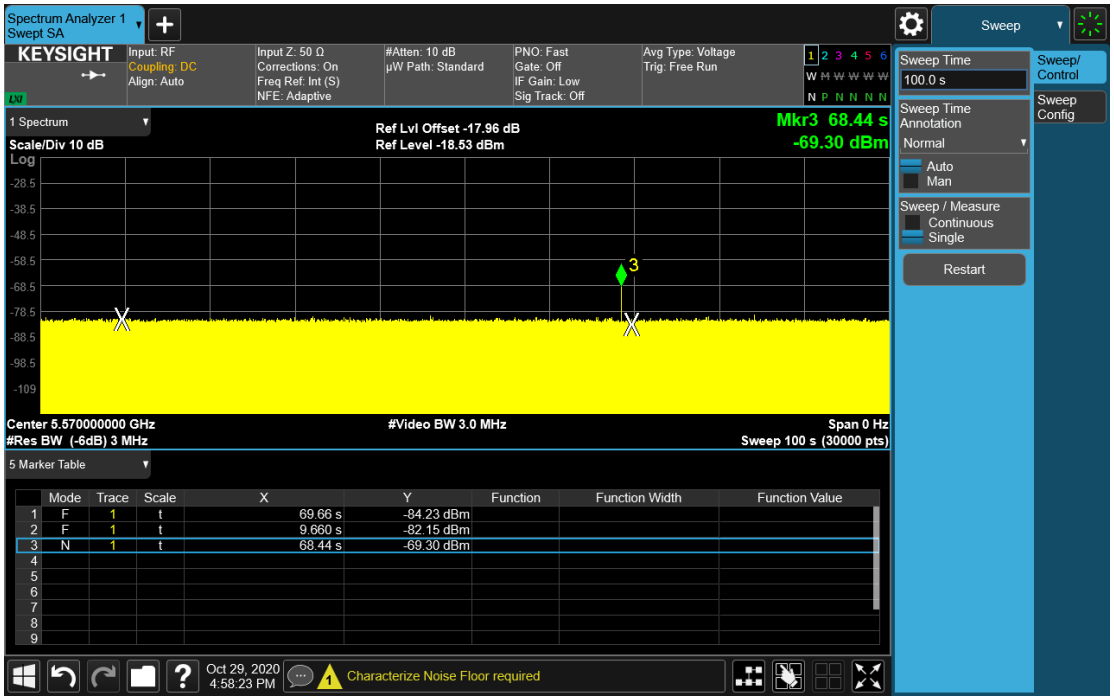
EUT Frequency = 5610 MHz ; Bandwidth = 80 MHz											
Radar Frequency MHz	**DFS Detection Trials (1 = Detection, 0 = No Detection)**										**Detection Rate**
	Trials										
	1	2	3	4	5	6	7	8	9	10	
F_Low 5570	1	1	1	1	1	1	1	1	1	1	100
5571											
5572											
5573											
5574											
5575	1	1	1	1	1	1	1	1	1	1	100
5576											
5577											
5578											
5579											
5580	1	1	1	1	1	1	1	1	1	1	100
5581											
5582											
5583											
5584											
5585	1	1	1	1	1	1	1	1	1	1	100
5586											
5587											
5588											
5589											
5590	1	1	1	1	1	1	1	1	1	1	100
5591											
5592											
5593											
5594											
5595	1	1	1	1	1	1	1	1	1	1	100
5596											
5597											
5598											
5599											
5600	1	1	1	1	1	1	1	1	1	1	100
5601											
5602											
5603											
5604											
5605	1	1	1	1	1	1	1	1	1	1	100
5606											
5607											
5608											
5609											
5610	1	1	1	1	1	1	1	1	1	1	100
5611											
5612											
5613											
5614											
5615	1	1	1	1	1	1	1	1	1	1	100
5616											
5617											
5618											
5619											
5620	1	1	1	1	1	1	1	1	1	1	100
5621											
5622											
5623											
5624											
5625	1	1	1	1	1	1	1	1	1	1	100
5626											
5627											
5628											
5629											
5630	1	1	1	1	1	1	1	1	1	1	100
5631											
5632											
5633											
5634											
5635	1	1	1	1	1	1	1	1	1	1	100
5636											
5637											
5638											
5639											
5640	1	1	1	1	1	1	1	1	1	1	100
5641											
5642											
5643											
5644											
5645	1	1	1	1	1	1	1	1	1	1	100
5646											
5647											
5648											
5649											
F_High 5650	1	1	1	1	1	1	1	1	1	1	100
Total Detection Percentage											100
Detection Bandwidth = FH-FL = 5570 MHz - 5650 MHz = 80 MHz											
99% Bandwidth = 79.2 MHz											



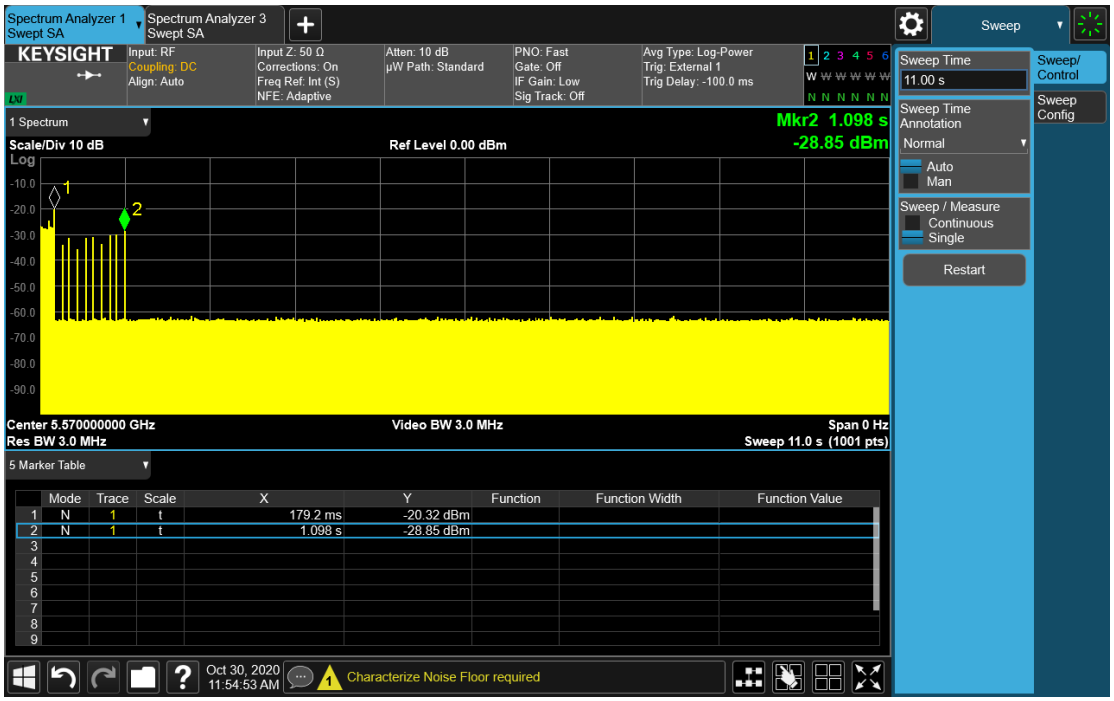
Initial CAC



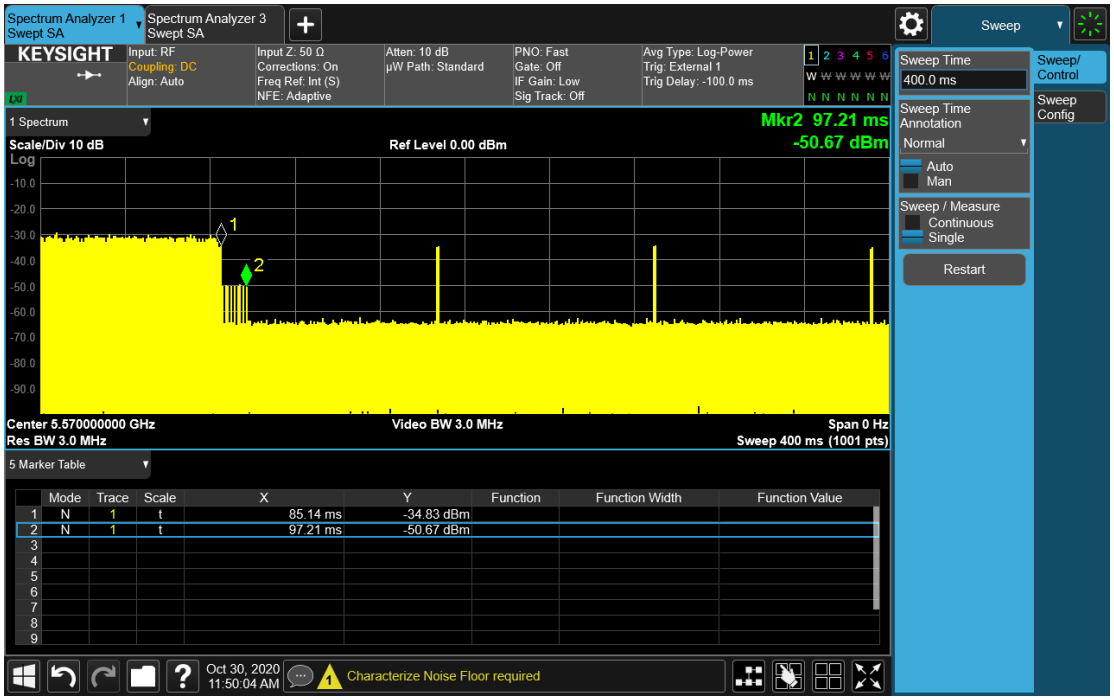
Burst at Beginning of CAC



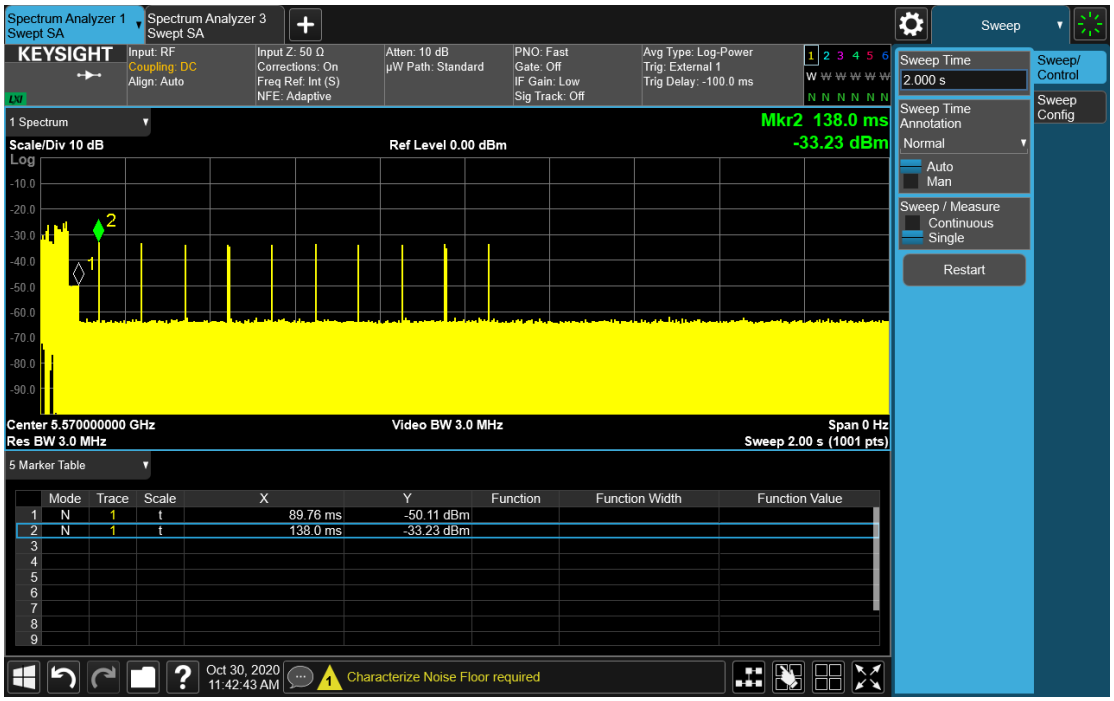
Burst at the end of CAC



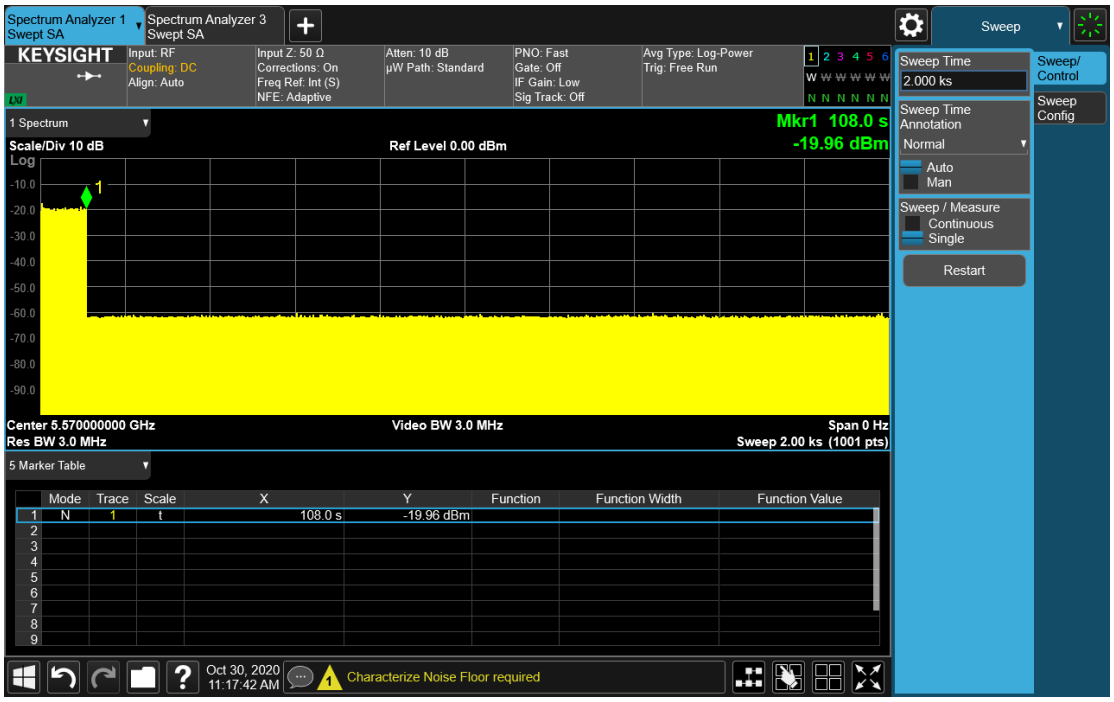
Channel Move



Channel Close



Channel Close_2s



30 Minute Non-Occupancy

Detection Probability

20 MHz channel:

FCC 905462 D02 New Rules v02

Tester:
Test Lab:
Date:
Device:
Serial:
Firmware:
Manufacturer:
Test: 5600mhz -63dbm 25mbps

RADAR TYPE 1

Rohde & Schwarz
K350 Pulse Sequencer DFS

Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	68	1	778	y
2	83	1	638	y
3	61	1	878	y
4	57	1	938	y
5	59	1	898	y
6	61	1	878	y
7	92	1	578	y
8	70	1	758	y
9	74	1	718	y
10	86	1	618	y
11	18	1	3066	y
12	89	1	598	y
13	83	1	638	y
14	67	1	798	y
15	57	1	938	y
16	68	1	778	y
17	81	1	658	y
18	95	1	558	y
19	18	1	3066	y
20	78	1	678	y
21	59	1	898	y
22	76	1	698	y
23	58	1	918	y
24	68	1	778	y
25	81	1	658	y
26	65	1	818	y
27	65	1	818	y
28	89	1	598	y
29	59	1	898	y
30	95	1	558	y

100% detection rate

RADAR TYPE 2				Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	24	2.2	205	y
2	25	4.9	184	y
3	27	4.3	156	y
4	24	4	153	y
5	26	3.7	211	y
6	27	4.2	208	y
7	28	4.9	183	y
8	27	4.9	230	y
9	25	1	206	y
10	29	2.8	220	y
11	26	4.6	194	y
12	28	1.3	167	y
13	26	4.2	216	y
14	24	3.4	210	y
15	27	1.1	188	y
16	24	2.2	169	y
17	24	2.8	156	y
18	26	2.7	188	y
19	24	4.1	227	n
20	25	2.7	220	y
21	24	1.9	179	y
22	25	2.9	196	y
23	25	2.2	154	y
24	23	3.8	182	y
25	23	3.8	155	n
26	24	1.9	164	y
27	26	1.3	180	y
28	28	4.4	227	n
29	28	1.9	192	y
30	24	1.2	171	y

90% Detection Rate

RADAR TYPE 3				Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	17	8.6	216	n
2	16	8.8	254	y
3	16	7.3	494	y
4	16	6.1	285	n
5	16	8.5	227	y
6	16	7	228	y
7	18	7.3	269	y
8	17	7.6	394	y
9	18	7.8	335	y
10	16	6	280	n
11	17	9.5	490	y
12	16	9.6	470	y
13	18	9.5	446	y
14	17	6.3	346	y
15	17	6.7	295	n
16	16	7.4	292	y
17	17	8.1	371	y
18	16	7.9	246	y
19	16	9.9	217	y
20	17	6.5	435	y
21	16	9.5	319	y
22	16	7.9	242	y
23	17	9.1	478	y
24	17	9.5	483	y
25	17	7.3	263	y
26	18	6.8	305	y
27	17	8.8	456	y
28	18	7.1	365	n
29	17	7.3	408	y
30	17	7.6	200	y

83% Detection Rate

RADAR TYPE 4				Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	Number of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	15	19.9	318	y
2	16	13.4	252	y
3	14	18	376	n
4	13	13	350	y
5	14	12.8	423	y
6	13	13.6	469	y
7	15	19.5	304	y
8	13	16	368	y
9	14	11.9	287	y
10	14	17.8	497	n
11	14	13.3	453	y
12	12	15.8	224	y
13	14	13.3	383	y
14	12	17.9	445	y
15	16	12.7	491	y
16	15	11.3	469	y
17	13	19.8	300	y
18	15	18.9	411	n
19	16	16.5	477	y
20	13	11	327	y
21	14	16.3	344	n
22	15	19.3	497	n
23	15	11.7	249	y
24	14	12.3	377	y
25	14	18.9	485	y
26	13	12.6	315	y
27	15	16.3	406	y
28	14	15.1	259	y
29	16	14.6	410	y
30	16	11.5	410	y

83% Detection Rate

TYPE 5	Rohde & Schwarz K350 Pulse Sequencer DFS			
Trial #	**Detection (yes/no)**	**Chirp Width (MHz)**	**Subset**	**Fc**
1	y	13	1	5500
2	y	17	1	5500
3	y	14	1	5500
4	y	16	1	5500
5	y	10	1	5500
6	y	16	1	5500
7	y	9	1	5500
8	y	6	1	5500
9	y	19	1	5500
10	y	10	1	5500
11	y	20	2	5499
12	y	9	2	5494.6
13	y	14	2	5496.6
14	y	15	2	5497
15	y	18	2	5498.2
16	y	11	2	5495.4
17	y	13	2	5496.2
18	y	11	2	5495.4
19	y	13	2	5496.2
20	y	8	2	5494.2
21	y	12	3	5504.2
22	y	14	3	5503.4
23	y	14	3	5503.4
24	y	6	3	5506.6
25	y	14	3	5503.4
26	y	14	3	5503.4
27	y	8	3	5505.8
28	y	8	3	5505.8
29	y	13	3	5503.8
30	y	15	3	5503

100% Detection Rate

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 1

Bursts in Trial: 8

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	55.2	13	1080	1868	831.929
2	3	60.9	13	1630	1835	1355.12
3	2	60.1	13	1926		567.21
4	1	61.8	13			163.93
5	2	77.1	13	1159		1230.49
6	2	73.6	13	1868		1070.45
7	2	59.8	13	1945		216.23
8	2	74.5	13	1814		451.2

Trial 1

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 2

Bursts in Trial: 17

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	50	17	1477		333.565
2	3	52.6	17	1817	1095	244.161
3	2	94.7	17	1430		693.345
4	2	94	17	1748		601.933
5	2	67.5	17	1163		461.181
6	1	56.3	17			438.568
7	1	83.3	17			23.326
8	2	87.4	17	1303		97.854
9	2	59.4	17	1055		297.231
10	2	93.7	17	1011		236.559
11	2	70.6	17	1723		247.306
12	1	57.5	17			493.894
13	3	78.7	17	1081	1069	168.362
14	1	54	17			477.419
15	2	73	17	1421		280.847
16	3	95.1	17	1064	1579	321.365
17	3	80.3	17	1475	1254	354.982

Trial 2

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 3

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	97.1	14	1990		519.338
2	2	92.9	14	1727		383.303
3	2	57.9	14	1455		30.647
4	2	60.6	14	1387		67.08
5	3	72.5	14	1556	1611	136.903
6	2	92.2	14	1806		467.847
7	1	83.4	14			505.18
8	1	94.1	14			195.913
9	2	60.1	14	1109		582.127
10	2	57.6	14	1673		252.51
11	2	73.9	14	1091		177.563
12	3	63.5	14	1155	1304	236.647
13	2	84.7	14	1602		93.13
14	3	85.4	14	1281	1042	439.873
15	2	68.1	14	1464		135.057
16	3	86.1	14	1075	1402	458.9
17	1	78.9	14			515.433
18	3	71.2	14	1371	1849	229.567

Trial 3

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 4	
Bursts in Trial: 10	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	77	16	1936		999.104
2	2	61.4	16	1862		890.8
3	3	55.2	16	1749	1482	886.5
4	2	90.5	16	1524		378.78
5	2	50	16	1589		364.82
6	1	75.1	16			902.67
7	2	62.4	16	1677		1047.09
8	2	55	16	1171		416.12
9	1	73	16			764.8
10	3	93.6	16	1002	1603	402.3

Trial 4

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 5						
Bursts in Trial: 14						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	82.4	10	1691		451.861
2	2	80.8	10	1148		318.287
3	3	52.7	10	1718	1224	48.914
4	3	63.6	10	1971	1696	15.761
5	1	89.9	10			212.639
6	2	50.7	10	1700		483.556
7	2	54.7	10	1848		566.953
8	1	65.4	10			596.3
9	1	66.6	10			741.267
10	2	77.8	10	1603		495.784
11	2	65.5	10	1564		714.891
12	2	80.3	10	1728		692.829
13	3	86.7	10	1861	1383	743.086
14	2	94.3	10	1896		300.743

Trial 5

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 6	
Bursts in Trial: 9	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	53.1	16	1947	1941	180.422
2	2	77.1	16	1819		759.947
3	1	96.5	16			475.903
4	2	52.7	16	1959		981.88
5	2	51.4	16	1637		26.817
6	3	58.1	16	1166	1175	1154.013
7	2	78.1	16	1286		1319.16
8	3	80.2	16	1155	1197	1188.267
9	2	69.9	16	1931		536.133

Trial 6

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 7

Bursts in Trial: 17

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	75.5	9	1189		680.394
2	3	86.7	9	1943	1530	60.093
3	2	65.6	9	1501		531.235
4	2	55.9	9	1182		105.523
5	2	52.9	9	1741		500.321
6	3	94.2	9	1432	1315	495.398
7	2	70.2	9	1484		683.226
8	1	76.7	9			292.364
9	2	54.8	9	1508		647.381
10	2	54.4	9	1205		686.149
11	2	86.8	9	1595		33.116
12	1	63.5	9			199.174
13	2	75.5	9	1391		129.812
14	2	70.8	9	1174		191.899
15	1	72.2	9			604.447
16	2	79.3	9	1909		255.265
17	2	75.9	9	1710		552.682

Trial 7

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 8	
Bursts in Trial: 11	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	84.9	6	1414	1362	942.127
2	3	89.2	6	1492	1471	549.491
3	2	51.6	6	1903		275.142
4	1	51.5	6			950.703
5	3	61.4	6	1471	1812	176.244
6	2	79.7	6	1350		607.405
7	2	96	6	1963		957.915
8	3	86.7	6	1371	1648	1082.646
9	2	79.9	6	1291		183.997
10	2	88.7	6	1513		202.718
11	3	71.1	6	1676	1139	234.809

Trial 8

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 9	
Bursts in Trial: 9	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	89.6	19	1721		318.106
2	2	94.5	19	1197		683.457
3	2	56	19	1353		1142.433
4	2	51.7	19	1611		20.84
5	1	86.5	19			502.577
6	3	67.5	19	2000	1378	1206.753
7	3	83.3	19	1212	1842	413.44
8	2	84.6	19	1478		129.977
9	2	95.8	19	1800		44.233

Trial 9

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 10	
Bursts in Trial: 11	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	84.6	10	1672		106.934
2	2	54.5	10	1847		803.931
3	1	65.2	10			136.332
4	1	69.3	10			614.233
5	2	94.2	10	1922		658.134
6	3	84.6	10	1563	1980	359.815
7	2	62.3	10	1352		647.755
8	3	72.3	10	1470	1891	44.546
9	1	72	10			393.097
10	1	65.4	10			738.618
11	1	53	10			871.909

Trial 10

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 11	
Bursts in Trial: 17	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	85.7	20	1192		245.958
2	2	99.2	20	1216		83.327
3	3	89.6	20	1889	1676	454.285
4	2	66.7	20	1343		235.373
5	1	67.5	20			328.041
6	1	59.1	20			169.328
7	1	64.1	20			307.916
8	2	54.6	20	1898		696.694
9	2	69.7	20	1867		492.671
10	2	92.6	20	1113		440.719
11	3	78.4	20	1439	1014	583.956
12	2	60.5	20	1845		237.544
13	1	56.4	20			530.332
14	2	95.6	20	1850		218.819
15	2	62.6	20	1952		466.647
16	2	68.6	20	1640		137.965
17	2	98.2	20	1526		327.482

Trial 11

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 12	
Bursts in Trial: 18	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	72.5	9	1492		331.002
2	2	73.9	9	1137		357.943
3	1	79.5	9			347.817
4	3	100	9	1710	1833	559.89
5	2	51.9	9	1555		54.583
6	2	79.4	9	1237		233.547
7	3	61.4	9	1216	1508	223.41
8	2	62.9	9	1798		293.763
9	1	50.2	9			172.557
10	3	92.2	9	1108	1066	246.95
11	3	69.5	9	1640	1744	539.023
12	2	89	9	1292		380.377
13	2	95.8	9	1492		195.4
14	2	51.6	9	1369		80.143
15	2	82.7	9	1575		606.137
16	1	83.4	9			583.2
17	1	77.5	9			548.133
18	2	96.5	9	1931		327.667

Trial 12

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 13	
Bursts in Trial: 12	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	74.8	14	1068		779.907
2	3	80.2	14	1854	1291	34.77
3	2	85.1	14	1444		368.64
4	3	60.9	14	1511	1659	824.41
5	3	82.6	14	1104	1788	25.55
6	3	71.4	14	1383	1598	153.78
7	2	77.9	14	1984		49.99
8	2	72	14	1843		674.63
9	2	80.1	14	1311		875.42
10	1	78.8	14			123.42
11	1	78.6	14			826.5
12	2	81.2	14	1359		892.9

Trial 13

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 14	
Bursts in Trial: 9	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	80.7	15			778.463
2	2	58.6	15	1767		449.547
3	2	85.3	15	1898		780.123
4	2	51.7	15	1680		581.55
5	2	61.4	15	1535		447.257
6	2	99.2	15	1116		114.753
7	1	51.9	15			458.61
8	2	67.9	15	1910		630.597
9	1	93	15			842.933

Trial 14

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 15

Bursts in Trial: 17

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	95.7	18	1555	1738	34.799
2	1	69.6	18			244.796
3	2	87.2	18	1626		312.765
4	3	59.6	18	1098	1659	588.773
5	1	50.6	18			306.231
6	2	86.2	18	1993		516.848
7	3	55.1	18	1472	1274	259.566
8	3	82.3	18	1947	1888	552.974
9	1	69.5	18			691.961
10	2	55.4	18	1054		369.979
11	1	86.8	18			447.596
12	1	75.4	18			493.034
13	3	53.3	18	1347	1867	281.952
14	1	81.2	18			483.639
15	1	85.8	18			596.147
16	3	99.4	18	1452	1204	655.265
17	3	87.6	18	1723	1926	470.182

Trial 15

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 16	
Bursts in Trial: 9	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	85	11	1557		1271.85
2	3	90.7	11	1858	1982	737.997
3	3	58.4	11	1007	1743	590.023
4	1	79.3	11			791.36
5	3	98.7	11	1887	1744	919.207
6	3	99.7	11	1408	1398	1315.703
7	1	88.4	11			1241.82
8	3	65.4	11	1022	1634	1009.567
9	3	77.3	11	1174	1542	1004.833

Trial 16

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 17

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	64.8	13	1511	1875	218.588
2	2	75.6	13	1986		384.653
3	2	69	13	1911		593.837
4	3	94.3	13	1153	1916	180.99
5	2	66.6	13	1067		271.223
6	3	62.8	13	1788	1108	232.867
7	2	53.7	13	1433		60.12
8	1	57.3	13			66.863
9	3	93.4	13	1987	1176	360.377
10	1	97.8	13			39.15
11	2	61.4	13	1711		472.883
12	2	80.4	13	1554		96.917
13	2	74.7	13	1825		251.47
14	1	99.8	13			539.243
15	1	65.4	13			437.997
16	3	61	13	1653	1118	613.8
17	2	51.6	13	1380		617.133
18	2	94.4	13	1602		97.167

Trial 17

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 18

Bursts in Trial: 14

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	50.8	11	1918		165.972
2	3	58.1	11	1009	1252	824.497
3	2	93.5	11	1302		405.884
4	1	83	11			235.551
5	2	82.3	11	1392		303.559
6	3	99.6	11	1654	1835	631.956
7	2	93.8	11	1055		151.573
8	2	53.4	11	1258		414.01
9	2	82.1	11	1349		830.787
10	2	80.9	11	1853		780.874
11	2	50.4	11	1519		678.061
12	2	57.5	11	1515		569.769
13	1	86.3	11			243.186
14	2	89	11	1118		155.543

Trial 18

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 19

Bursts in Trial: 12

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	69.6	13	1398	1659	567.694
2	2	53.9	13	1176		508.13
3	2	92.8	13	1673		436.39
4	3	91.6	13	1445	1679	735.6
5	1	88.7	13			845.82
6	1	52.1	13			377.38
7	2	73.9	13	1541		707.32
8	2	85.9	13	1867		707.7
9	3	69.4	13	1482	1721	186.97
10	3	55.5	13	1480	1875	768.91
11	1	70	13			309.3
12	2	80.5	13	1683		737.4

Trial 19

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 20	
Bursts in Trial: 19	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	57.4	8	1633		369.813
2	2	51	8	1830		112.474
3	2	58.5	8	1200		24.462
4	1	80.5	8			0.563
5	2	55.8	8	1895		99.024
6	1	69.7	8			604.125
7	1	68.7	8			58.706
8	2	61	8	1264		157.827
9	2	89.7	8	1679		542.028
10	2	81.6	8	1349		342.399
11	2	50.8	8	1259		499.411
12	3	97	8	1608	1971	503.702
13	1	95.2	8			335.233
14	2	56.9	8	1628		247.754
15	1	85.9	8			5.925
16	3	66.3	8	1888	1838	326.136
17	1	67.8	8			134.737
18	1	82.1	8			399.058
19	2	59.4	8	1772		34.279

Trial 20

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 21	
Bursts in Trial: 19	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	53.4	12	1075	1449	595.886
2	2	69.4	12	1172		169.439
3	3	68.2	12	1695	1423	590.492
4	3	61.6	12	1024	1280	224.753
5	3	59.5	12	1842	1485	276.514
6	1	53.7	12			482.655
7	2	90.2	12	1458		440.166
8	1	76.2	12			251.067
9	1	74.8	12			11.958
10	3	92.4	12	1260	1394	55.849
11	1	69.3	12			485.901
12	2	89.9	12	1727		376.792
13	1	71.1	12			21.743
14	2	96.4	12	1629		103.124
15	1	59.6	12			206.845
16	2	53.5	12	1878		428.836
17	1	76.2	12			174.837
18	2	66.9	12	1807		513.358
19	3	56.5	12	1914	1884	339.579

Trial 21

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 22	
Bursts in Trial: 13	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	75	14			448.494
2	2	67.4	14	1447		42.907
3	3	72.1	14	1925	1729	689.596
4	1	57.1	14			629.809
5	2	91.6	14	1557		634.602
6	3	96.3	14	1157	1138	281.975
7	2	99	14	1646		116.288
8	1	61.8	14			773.152
9	3	67.9	14	1816	1798	135.075
10	1	93.2	14			404.978
11	2	77.9	14	1668		78.861
12	2	84.6	14	1955		516.554
13	2	83	14	1704		398.877

Trial 22

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 23	
Bursts in Trial: 20	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	55.4	14	1143		141.367
2	1	95.2	14			34.921
3	1	75.1	14			294
4	1	52.8	14			518.47
5	2	56	14	1369		472.9
6	3	67.5	14	1291	1002	241.46
7	2	83.8	14	1400		127.37
8	2	66.7	14	1191		233.49
9	3	77.2	14	1651	1464	46.59
10	2	66.6	14	1573		97.83
11	3	86.2	14	1878	1040	23.52
12	1	71.3	14			180.23
13	1	65.3	14			55.71
14	3	99.6	14	1064	1611	429.03
15	2	81.6	14	1449		526.72
16	3	78	14	1375	1786	240.33
17	1	98.8	14			352.8
18	2	81.9	14	1867		235.6
19	1	68.3	14			461.4
20	2	70.6	14	1165		123.6

Trial 23

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 24						
Bursts in Trial: 16						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	92	6	1069		234.946
2	2	99.8	6	1001		515.82
3	2	94.3	6	1989		468.26
4	2	56.6	6	1976		407.29
5	2	54.9	6	1903		332.44
6	1	71.8	6			286.04
7	1	76.6	6			328.47
8	2	91.3	6	1855		564.4
9	2	90.3	6	1405		700.13
10	2	78.3	6	1978		13.36
11	2	68.1	6	1823		559.29
12	1	54.1	6			11.74
13	2	95.2	6	1313		576.84
14	3	71.7	6	1446	1268	495.1
15	2	72.6	6	1982		664.8
16	2	87.9	6	1452		509.6

Trial 24

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 25	
Bursts in Trial: 15	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	80.1	14			644.169
2	2	61.5	14	1533		500.34
3	2	87.5	14	1763		418.59
4	1	84.3	14			441.49
5	2	68.8	14	1330		379.43
6	2	57.7	14	1945		260.59
7	1	94.1	14			199.74
8	3	59.8	14	1203	1638	550.93
9	2	95.3	14	1050		690.5
10	3	85.2	14	1641	1492	712.54
11	2	83.8	14	1400		701.22
12	3	61	14	1958	1027	639.81
13	2	78	14	1199		357.13
14	1	85.5	14			444.1
15	2	57	14	1442		513.3

Trial 25

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 26	
Bursts in Trial: 10	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	83.1	14	1396	1897	957.686
2	1	52.6	14			384.99
3	2	100	14	1716		75.45
4	2	95.2	14	1762		358.99
5	2	72.2	14	1348		38.96
6	2	98.9	14	1850		133.4
7	2	84.8	14	1186		716.82
8	1	76.6	14			526.19
9	1	73	14			1035.6
10	3	93.7	14	1399	1217	997.3

Trial 26

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 27	
Bursts in Trial: 10	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	91.6	8	1544	1806	1012.18
2	3	83.2	8	1704	1068	634.55
3	2	79.1	8	1929		814.15
4	2	58.6	8	1581		222.69
5	2	84.7	8	1360		835.2
6	3	63	8	1965	1178	875.14
7	2	69.3	8	1256		812.64
8	2	89.1	8	1268		29.17
9	2	51.1	8	1217		1186.1
10	3	50	8	1971	1271	884.7

Trial 27

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 28						
Bursts in Trial: 11						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	98.9	8	1040		266.406
2	1	74.4	8			600.161
3	3	73.3	8	1643	1342	73.662
4	1	77.9	8			960.123
5	2	99.1	8	1919		21.874
6	3	50.6	8	1338	1928	1032.965
7	3	69.4	8	1930	1297	327.345
8	1	72.2	8			471.536
9	2	94.9	8	1206		796.537
10	2	99.3	8	1890		51.368
11	2	65.7	8	1915		772.309

Trial 28

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 29						
Bursts in Trial: 11						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	81.7	13			628.843
2	3	68	13	1697	1743	432.741
3	1	57.3	13			822.272
4	1	52.5	13			309.893
5	3	60.3	13	1648	1588	283.894
6	3	63.2	13	1546	1464	230.495
7	2	99	13	1851		966.425
8	2	92.8	13	1056		153.656
9	2	75.9	13	1435		768.617
10	2	92.8	13	1868		159.468
11	1	53.8	13			885.109

Trial 29

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 30

Bursts in Trial: 19

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	58.9	15	1977		451.73
2	2	93.6	15	1625		305.464
3	3	63.6	15	1421	1336	528.652
4	2	66.4	15	1995		502.543
5	1	66.7	15			141.304
6	2	68.4	15	1277		288.825
7	2	66.5	15	1622		138.726
8	2	71.8	15	1694		20.387
9	1	69.6	15			80.748
10	1	94.4	15			559.399
11	2	68.6	15	1719		487.471
12	2	69.5	15	1922		16.292
13	2	74	15	1961		555.273
14	1	57.2	15			602.144
15	2	79.8	15	1568		423.375
16	3	93.2	15	1062	1096	408.546
17	2	75.1	15	1488		313.137
18	1	58.4	15			583.358
19	2	55.8	15	1625		460.079

Trial 30

TYPE 6 S	Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Detection (yes/no)**
1	y
2	y
3	y
4	y
5	y
6	y
7	y
8	y
9	y
10	y
11	y
12	y
13	y
14	y
15	y
16	y
17	y
18	y
19	y
20	y
21	y
22	y
23	y
24	y
25	y
26	y
27	y
28	y
29	y
30	y

100% Detection Rate

40 MHz Channel:

RADAR TYPE 1				Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Number of Pulses per Burst**	**Pulse Width (µsec)**	**PRI (µs)**	**Detection (yes/no)**
1	68	1	778	y
2	63	1	838	y
3	89	1	598	y
4	72	1	738	y
5	72	1	738	y
6	61	1	878	y
7	102	1	518	y
8	59	1	898	y
9	57	1	938	y
10	57	1	938	y
11	68	1	778	y
12	62	1	858	y
13	74	1	718	y
14	95	1	558	y
15	18	1	3066	y
16	61	1	878	y
17	92	1	578	y
18	74	1	718	y
19	89	1	598	y
20	102	1	518	y
21	81	1	658	y
22	59	1	898	y
23	76	1	698	y
24	81	1	658	y
25	83	1	638	y
26	95	1	558	y
27	62	1	858	y
28	92	1	578	y
29	98	1	538	y
30	92	1	578	y

100 % Detection Rate

RADAR TYPE 2				Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Number of Pulses per Burst**	**Pulse Width (µsec)**	**PRI (µs)**	**Detection (yes/no)**
1	27	1.5	150	y
2	26	2.3	184	y
3	26	1.7	156	y
4	29	4.9	161	y
5	28	3	228	y
6	29	2.6	208	y
7	24	1.7	214	y
8	24	1.2	230	y
9	28	1.4	228	n
10	24	1	227	y
11	23	1.1	167	n
12	28	1.1	225	y
13	23	3.1	161	y
14	25	2.6	170	y
15	27	1	161	y
16	28	1.2	206	n
17	24	3.2	183	y
18	25	4.1	152	y
19	25	1.9	187	y
20	28	1.7	224	y
21	23	4	178	y
22	27	1.1	206	y
23	26	3.7	155	y
24	28	3.4	177	n
25	24	2.2	166	y
26	25	2.5	181	y
27	26	5	172	y
28	27	3.4	215	y
29	25	2.3	203	n
30	28	1.5	178	y

83 % Detection Rate

RADAR TYPE 3				Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Number of Pulses per Burst**	**Pulse Width (µsec)**	**PRI (µs)**	**Detection (yes/no)**
1	18	6.5	367	y
2	17	8.7	435	y
3	18	7.3	346	y
4	16	8.7	487	y
5	16	9.3	213	y
6	18	7.3	389	y
7	17	6	299	y
8	18	6	496	y
9	16	6.6	208	n
10	17	9.8	205	n
11	18	8.3	496	y
12	18	8	375	n
13	17	9.7	416	n
14	17	7.2	233	y
15	18	8.2	479	n
16	18	8.2	480	y
17	17	9.9	453	y
18	17	7.9	376	n
19	17	8.4	489	y
20	17	6.2	478	y
21	18	8.2	493	n
22	16	7.8	215	y
23	17	6.9	408	y
24	16	8.6	315	y
25	18	9.8	359	y
26	17	10	408	y
27	17	6.6	259	y
28	17	8.4	359	n
29	17	6.1	300	y
30	18	6.8	446	y

73 % Detection Rate

67 % RADAR TYPE 4				Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Number of Pulses per Burst**	**Pulse Width (µsec)**	**PRI (µs)**	**Detection (yes/no)**
1	15	16.1	497	y
2	12	19.4	372	y
3	12	14.4	484	n
4	15	11.6	382	n
5	15	11.5	384	n
6	15	15.1	437	y
7	12	14.5	366	n
8	13	15.1	296	y
9	14	12.1	359	y
10	15	13.3	330	y
11	15	16.7	386	y
12	12	16.9	484	y
13	14	19.2	268	n
14	15	19.9	375	n
15	12	17.3	483	y
16	14	19.7	306	y
17	14	13.5	464	y
18	14	14.6	354	y
19	14	11	303	y
20	14	14.9	309	y
21	12	11.5	413	y
22	14	15.1	471	y
23	16	16.3	454	y
24	13	11.8	432	y
25	15	18.9	361	n
26	12	12.6	437	y
27	15	17.5	212	n
28	13	16.8	360	n
29	15	16.3	274	y
30	12	13.6	367	n

67 % Detection Rate

TYPE 5	Rohde & Schwarz K350 Pulse Sequencer DFS			
Trial #	**Detection (yes/no)**	**Chirp Width (MHz)**	**Subset**	**Fc**
1	y	20	1	5500
2	y	20	1	5500
3	y	8	1	5500
4	y	19	1	5500
5	y	10	1	5500
6	y	17	1	5500
7	y	19	1	5500
8	y	6	1	5500
9	y	6	1	5500
10	y	15	1	5500
11	y	6	2	5493.4
12	y	13	2	5496.2
13	y	19	2	5498.6
14	y	8	2	5494.2
15	y	20	2	5499
16	y	12	2	5495.8
17	y	9	2	5494.6
18	y	20	2	5499
19	y	9	2	5494.6
20	y	8	2	5494.2
21	y	20	3	5501
22	y	12	3	5504.2
23	y	8	3	5505.8
24	y	13	3	5503.8
25	y	6	3	5506.6
26	y	19	3	5501.4
27	y	14	3	5503.4
28	y	15	3	5503
29	y	5	3	5507
30	y	9	3	5505.4

100 % Detection Rate

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 1

Bursts in Trial: 17

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	59.5	20	1213		86.059
2	2	87.4	20	1038		352.938
3	2	85.7	20	1227		133.935
4	3	75.7	20	1878	1461	643.113
5	1	63.4	20			528.191
6	2	89.6	20	1587		140.408
7	2	65	20	1743		376.106
8	2	60.7	20	1516		26.134
9	2	68.8	20	1832		68.201
10	3	53.3	20	1401	1292	642.019
11	2	90	20	1120		110.846
12	2	56	20	1051		104.174
13	1	97.5	20			465.232
14	2	63.1	20	1708		192.379
15	3	75.3	20	1525	1507	610.947
16	2	60.5	20	1101		610.065
17	1	61.7	20			144.082

Trial 1

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 2	
Bursts in Trial: 15	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	79.9	20	1879		164.213
2	1	63.9	20			125.288
3	2	58.5	20	1253		96.5
4	3	97.9	20	1948	1848	1.78
5	2	70.4	20	1162		272.17
6	2	66.2	20	1142		425.93
7	2	65.3	20	1786		588.29
8	3	96.3	20	1002	1061	316.31
9	2	86.3	20	1833		172.53
10	1	52.1	20			225.52
11	2	92.1	20	1562		237.21
12	2	59	20	1680		511.29
13	2	64.5	20	1321		371.95
14	3	94.7	20	1910	1260	249.5
15	2	91	20	1429		543.6

Trial 2

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 3	
Bursts in Trial: 19	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	88	8	1370	1940	324.333
2	1	50.6	8			493.561
3	2	61.1	8	1839		336.662
4	2	61.3	8	1605		447.953
5	1	61.5	8			538.244
6	1	80.9	8			113.715
7	2	68.1	8	1570		222.996
8	2	91.5	8	1757		292.497
9	3	89	8	1794	1035	356.178
10	3	74.5	8	1313	1152	100.769
11	2	87.6	8	1154		334.141
12	2	69.8	8	1181		489.202
13	3	94	8	1127	1606	202.613
14	2	52.1	8	1866		431.984
15	1	65.2	8			135.655
16	2	80.5	8	1056		32.046
17	2	51.4	8	1001		585.337
18	1	82.8	8			594.758
19	3	88.8	8	1428	1966	34.779

Trial 3

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 4	
Bursts in Trial: 18	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	91.8	19	1367		420.226
2	3	83.2	19	1029	1949	479.153
3	1	91.5	19			537.877
4	3	73.5	19	1925	1238	454.41
5	1	58.3	19			607.383
6	2	85.7	19	1191		633.047
7	1	52.5	19			488.18
8	2	90.2	19	1170		128.633
9	2	71.9	19	1582		308.067
10	3	56	19	1458	1422	73.19
11	1	59	19			413.323
12	2	54.2	19	1860		655.557
13	2	90.7	19	1383		621.85
14	2	92.6	19	1878		242.253
15	2	51.7	19	1947		49.157
16	2	52.5	19	1510		595.5
17	3	57.9	19	1866	1376	166.233
18	3	65.8	19	1905	1398	304.167

Trial 4

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 5	
Bursts in Trial: 11	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	71	10	1049		808.211
2	2	98.2	10	1439		3.041
3	3	91.6	10	1455	1845	50.402
4	1	79.3	10			979.643
5	1	97.8	10			839.054
6	3	64.5	10	1242	1002	459.545
7	2	62	10	1827		530.885
8	2	95.3	10	1952		758.476
9	1	60.4	10			870.677
10	2	52.3	10	1054		112.358
11	3	95.2	10	1143	1934	534.009

Trial 5

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 6						
Bursts in Trial: 15						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	67.9	17	1394		194.443
2	1	98.9	17			279.46
3	2	78.2	17	1413		51.69
4	1	62	17			627.35
5	1	54.1	17			522.39
6	3	63.7	17	1102	1588	319.6
7	2	87	17	1046		765.27
8	3	97.3	17	1320	1438	560.17
9	1	64.1	17			109.89
10	2	62.3	17	1298		144.89
11	2	51.9	17	1594		517.35
12	2	90.8	17	1113		581.42
13	2	84.4	17	1764		397.5
14	2	63.4	17	1099		221.6
15	2	54.8	17	1175		541

Trial 6

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 7

Bursts in Trial: 19

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	65.6	19	1368	1591	563.914
2	1	72.8	19			192.606
3	2	66.7	19	1254		7.142
4	2	52.1	19	1329		352.483
5	2	68.1	19	1098		290.804
6	1	63.1	19			59.875
7	2	86.1	19	1204		264.216
8	2	60.9	19	1119		11.907
9	2	77.8	19	1693		599.008
10	2	56	19	1582		76.209
11	2	94.6	19	1164		494.901
12	3	88.5	19	1138	1727	591.312
13	3	95.6	19	1329	1822	341.903
14	1	50.8	19			95.414
15	1	69.3	19			83.885
16	2	56.6	19	1976		248.006
17	2	71.7	19	1807		246.537
18	1	67.8	19			244.358
19	3	88.7	19	1251	1831	45.279

Trial 7

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 8						
Bursts in Trial: 18						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 Spacing (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	63.1	6	1338		369.549
2	2	54.5	6	1031		32.961
3	1	98.7	6			415.757
4	1	84.9	6			463.25
5	1	65.4	6			573.573
6	3	65.5	6	1526	1884	59.767
7	2	81.2	6	1826		297.44
8	1	66	6			35.003
9	3	84.7	6	1913	1422	591.317
10	3	99.6	6	1978	1028	39.63
11	3	89.9	6	1082	1908	268.803
12	2	83.5	6	1249		155.057
13	2	71.4	6	1504		191.4
14	2	68.9	6	1007		617.583
15	2	50.8	6	1530		163.607
16	2	67.9	6	1274		77
17	2	63.5	6	1101		62.733
18	2	75.6	6	1353		118.067

Trial 8

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 9

Bursts in Trial: 16

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	50.5	6			114.125
2	1	85.3	6			629.05
3	3	95.2	6	1865	1001	191.02
4	2	99.4	6	1228		360.46
5	2	73.7	6	1619		245.32
6	2	91.5	6	1206		689.63
7	2	77.1	6	1915		35.67
8	2	55.9	6	1340		230.23
9	3	60.2	6	1327	1472	725.65
10	2	71.6	6	1357		382.4
11	2	89.7	6	1338		136.8
12	3	64.3	6	1241	1991	717.09
13	2	80.8	6	1819		603.06
14	1	60.2	6			663.5
15	1	77.7	6			179.2
16	1	89.7	6			237.9

Trial 9

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 10						
Bursts in Trial: 15						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	85.5	15	1400		140.623
2	2	89.1	15	1455		482.8
3	2	54	15	1251		449.95
4	3	63.7	15	1126	1818	148.93
5	2	98.2	15	1000		665.49
6	1	77.3	15			648.27
7	2	63.5	15	1042		725.11
8	2	60.6	15	1380		723.67
9	3	52.4	15	1214	1700	175.23
10	1	65.2	15			677.67
11	2	77.9	15	1048		126.28
12	1	74.9	15			299.99
13	1	95.1	15			570.5
14	2	74.6	15	1200		165.2
15	1	95	15			741.3

Trial 10

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 11	
Bursts in Trial: 15	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	83.7	6	1297		265.666
2	2	58.5	6	1177		15.021
3	2	61.1	6	1732		684.44
4	1	56.5	6			215.03
5	3	59.7	6	1234	1085	261.64
6	2	76	6	1562		529.65
7	3	61.6	6	1605	1922	1.47
8	1	85.6	6			367.42
9	1	96.4	6			789.37
10	2	79.3	6	1813		93.21
11	2	98.2	6	1027		354.72
12	1	52.7	6			346.99
13	1	97.3	6			240.85
14	3	82	6	1735	1475	156.5
15	2	72.3	6	1122		517.2

Trial 11

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 12						
Bursts in Trial: 13						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	56.3	13			793.498
2	2	67.4	13	1359		901.553
3	2	53	13	1319		230.876
4	1	53	13			415.089
5	2	74.3	13	1896		705.912
6	2	91.3	13	1639		801.495
7	3	52.2	13	1150	1065	20.908
8	1	90.9	13			540.262
9	3	59.7	13	1256	1326	364.525
10	3	69	13	1196	1637	877.468
11	3	78.2	13	1896	1280	426.861
12	3	73.3	13	1122	1995	601.254
13	3	92.2	13	1665	1169	325.577

Trial 12

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 13	
Bursts in Trial: 10	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	71.6	19			646.714
2	2	66	19	1754		426.76
3	2	81.3	19	1513		575.47
4	3	80.3	19	1428	1796	923.42
5	3	53.7	19	1953	1377	555.09
6	3	92.6	19	1374	1379	658.22
7	3	79.4	19	1137	1897	142.94
8	2	51.5	19	1169		389.65
9	2	95.6	19	1964		1093.7
10	2	71.1	19	1966		593.7

Trial 13

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 14	
Bursts in Trial: 17	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	76.2	8	1339	1970	474.107
2	2	87.3	8	1690		421.778
3	3	50.3	8	1418	1297	536.785
4	2	83.5	8	1540		18.303
5	1	72.1	8			256.821
6	1	98.5	8			505.878
7	2	74.2	8	1311		77.866
8	3	63.9	8	1139	1631	292.754
9	3	69.1	8	1832	1257	219.381
10	2	79	8	1217		469.029
11	2	70.3	8	1616		547.026
12	2	98.2	8	1512		694.404
13	3	52.8	8	1634	1630	557.682
14	2	54.1	8	1142		19.629
15	1	59.3	8			256.447
16	3	79.1	8	1082	1467	260.965
17	1	63.1	8			403.982

Trial 14

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 15

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	70.6	20			264.961
2	2	70	20	1056		311.983
3	1	91.2	20			654.176
4	1	92.3	20			291.689
5	1	57.4	20			366.252
6	2	62.1	20	1994		393.215
7	2	92	20	1291		30.918
8	3	84.1	20	1080	1902	181.912
9	2	73	20	1198		262.805
10	1	89.9	20			568.538
11	3	88	20	1005	1827	465.971
12	2	62.3	20	1046		304.454
13	2	96.8	20	1796		848.177

Trial 15

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 16	
Bursts in Trial: 17	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	92.3	12	1851		500.862
2	2	75.4	12	1245		183.267
3	1	86.2	12			83.205
4	1	75.2	12			30.853
5	2	95.5	12	1362		574.041
6	2	91	12	1446		189.598
7	1	81	12			646.636
8	2	98.7	12	1830		61.024
9	3	60.5	12	1679	1285	39.401
10	2	65.5	12	1686		696.849
11	2	69.2	12	1079		564.296
12	3	77.7	12	1764	1143	430.904
13	3	54	12	1303	1304	344.692
14	3	77.8	12	1424	1662	374.539
15	1	57.7	12			480.047
16	2	63.3	12	1826		518.065
17	3	53.2	12	1938	1671	395.882

Trial 16

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 17	
Bursts in Trial: 17	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	52.3	9	1188	1291	523.402
2	2	70	9	1039		477.258
3	2	89.8	9	1183		99.795
4	2	81.2	9	1265		8.863
5	2	89.5	9	1347		192.391
6	2	96.2	9	1683		202.468
7	2	75.6	9	1837		390.636
8	1	72.3	9			133.654
9	2	98.9	9	1778		350.691
10	1	69	9			395.209
11	1	66.1	9			446.796
12	2	74.2	9	1606		461.194
13	2	80.2	9	1864		473.422
14	2	99.5	9	1161		499.019
15	2	78.4	9	1089		384.847
16	2	80.3	9	1916		12.665
17	3	78.6	9	1232	1165	693.582

Trial 17

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 18

Bursts in Trial: 14

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	78.3	20			343.348
2	1	71.6	20			471.667
3	1	93.6	20			339.734
4	1	64.5	20			807.981
5	2	96.1	20	1875		568.369
6	2	73.7	20	1962		687.076
7	2	68.7	20	1295		551.953
8	3	84.1	20	1494	1635	273.53
9	3	63.1	20	1090	1163	379.477
10	3	81.6	20	1778	1070	762.204
11	2	74.2	20	1279		472.501
12	1	73.5	20			776.729
13	3	87.3	20	1362	1586	46.686
14	1	84.5	20			392.043

Trial 18

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 19						
Bursts in Trial: 14						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	3	88.9	9	1290	1774	292.947
2	3	87.4	9	1017	1187	39.038
3	2	52.3	9	1805		227.324
4	2	54	9	1975		733.281
5	1	84.9	9			747.189
6	3	59.7	9	1037	1067	597.996
7	2	63.8	9	1536		63.183
8	2	56.8	9	1414		331.82
9	1	80.8	9			508.917
10	3	58.5	9	1925	1664	561.894
11	2	70.9	9	1392		347.131
12	2	63.8	9	1903		137.719
13	2	51.6	9	1781		398.386
14	2	86.8	9	1438		464.543

Trial 19

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 20	
Bursts in Trial: 19	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	95.9	8	1897	1979	323.505
2	3	85.5	8	1622	1861	237.513
3	1	96.4	8			302.162
4	2	85.8	8	1847		247.533
5	3	53.6	8	1247	1502	508.374
6	3	71.6	8	1835	1212	382.465
7	2	77.8	8	1670		510.516
8	1	97.5	8			100.187
9	3	70	8	1882	1193	450.088
10	2	78	8	1275		574.959
11	2	81.4	8	1810		399.861
12	2	52.7	8	1809		75.502
13	2	77.9	8	1422		527.633
14	1	94.2	8			578.004
15	2	94.2	8	1943		542.195
16	2	99.3	8	1263		488.026
17	2	65.3	8	1684		413.437
18	1	82.2	8			236.358
19	2	71.2	8	1665		522.479

Trial 20

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 21

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	79.6	20	1790	1518	527.887
2	3	83.3	20	1867	1097	104.304
3	2	52.7	20	1129		491.037
4	1	77.7	20			146.18
5	1	67.9	20			334.073
6	3	58	20	1035	1233	596.247
7	2	77.9	20	1484		70.12
8	2	98.8	20	1986		516.153
9	2	59.7	20	1676		423.947
10	3	57.6	20	1855	1108	312.82
11	2	90.4	20	1218		628.813
12	2	65.2	20	1786		267.697
13	2	54.8	20	1888		286.43
14	2	67.8	20	1213		57.413
15	2	70.3	20	1289		608.747
16	3	50	20	1830	1607	240.2
17	3	54.5	20	1711	1991	630.333
18	2	67.9	20	1331		316.567

Trial 21

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 22						
Bursts in Trial: 10						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	91.3	12	1817		830.028
2	2	94.7	12	1866		962.98
3	1	89.2	12			852.29
4	3	58.4	12	1879	1215	10.16
5	3	75.3	12	1533	1845	431.49
6	1	81.4	12			244.25
7	2	81.8	12	1299		935.64
8	2	63.7	12	1736		683.73
9	3	51.7	12	1435	1142	447.6
10	1	68.4	12			747

Trial 22

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 23	
Bursts in Trial: 9	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	69.3	8			216.052
2	2	70.1	8	1238		417.927
3	2	69.3	8	1142		1302.183
4	1	78.3	8			1280.43
5	2	81.5	8	1727		368.587
6	3	93.7	8	1048	1042	409.003
7	2	92	8	1265		618.26
8	2	65	8	1396		1069.267
9	1	57.4	8			632.133

Trial 23

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 24						
Bursts in Trial: 18						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	92.5	13			94.986
2	3	96.6	13	1401	1393	400.623
3	1	80.8	13			597.317
4	2	71.2	13	1956		146.5
5	2	59.8	13	1205		625.233
6	2	89.9	13	1215		218.067
7	2	73.4	13	1827		161.75
8	3	96.6	13	1041	1605	220.543
9	2	58.2	13	1015		504.767
10	3	85.6	13	1020	1178	5.87
11	1	94.2	13			271.653
12	3	70	13	1958	1736	200.897
13	2	52.9	13	1754		354.14
14	2	70.3	13	1414		381.733
15	1	87.8	13			264.897
16	2	72.6	13	1614		353.9
17	1	97.7	13			358.333
18	1	86.3	13			616.767

Trial 24

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 25	
Bursts in Trial: 9	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	82.7	6	1698		797.867
2	2	53.4	6	1808		999.147
3	3	62.4	6	1345	1956	94.073
4	3	52.2	6	1743	1871	1037.22
5	3	76.5	6	1470	1707	304.267
6	3	99.1	6	1412	1704	1256.443
7	1	78.5	6			747.9
8	2	70.6	6	1103		51.427
9	2	77.6	6	1787		1312.833

Trial 25

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 26						
Bursts in Trial: 13						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	74.8	19	1125		843.356
2	2	59	19	1707		373.463
3	2	74.5	19	1742		711.796
4	1	55.4	19			30.669
5	2	55.3	19	1821		339.232
6	2	54.9	19	1690		724.165
7	2	75.5	19	1816		460.428
8	2	52.6	19	1141		772.692
9	3	65.2	19	1129	1955	96.635
10	3	85.6	19	1923	2000	551.608
11	1	80.1	19			899.431
12	1	75.7	19			305.054
13	3	83.4	19	1534	1025	753.877

Trial 26

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 27	
Bursts in Trial: 20	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	58.6	14			584.381
2	2	91.1	14	1315		188.124
3	1	64.9	14			61.98
4	1	99.6	14			495.3
5	1	87.1	14			423.46
6	1	99.9	14			317.77
7	2	96	14	1863		435.33
8	1	65.3	14			570.93
9	2	79.4	14	1624		437.08
10	2	72.6	14	1736		357.44
11	2	68.8	14	1242		511.74
12	2	85.8	14	1421		180.56
13	2	51.5	14	1110		316.4
14	3	77.5	14	1445	1958	220.68
15	2	63.1	14	1359		284.06
16	2	74.8	14	1370		75.77
17	2	94.1	14	1411		429.9
18	1	91.1	14			376.2
19	2	66.6	14	1664		75.1
20	2	89.9	14	1074		250.2

Trial 27

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 28	
Bursts in Trial: 10	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	87.1	15	1542	1564	827.004
2	2	50.2	15	1792		1189.79
3	2	58.1	15	1326		206.69
4	2	72.4	15	1712		40.56
5	2	56.2	15	1679		836.43
6	2	65.9	15	1642		262.49
7	1	94.9	15			959.09
8	3	65.7	15	1651	1862	220.03
9	1	59.4	15			86.08
10	1	81.1	15			1069.4

Trial 28

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 29						
Bursts in Trial: 18						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	66.2	5	1883		211.354
2	3	57.8	5	1015	1187	355.963
3	2	93.5	5	1773		105.647
4	1	50.6	5			316.41
5	2	71	5	1597		121.503
6	1	71.4	5			487.027
7	1	71.2	5			570.22
8	1	84.4	5			31.143
9	1	90	5			281.607
10	2	81.1	5	1712		390.73
11	2	77.6	5	1259		218.283
12	1	85.6	5			95.177
13	1	75.9	5			441.99
14	2	70.6	5	1001		213.473
15	1	94.3	5			470.437
16	2	53.5	5	1832		255.7
17	2	71.5	5	1182		101.333
18	2	86	5	1747		78.467

Trial 29

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
Trial Number : 30	
Bursts in Trial: 15	

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	68.6	9	1634		110.545
2	3	91	9	1141	1823	573.41
3	2	79.8	9	1058		15.01
4	2	91.1	9	1808		85.65
5	2	96.2	9	1930		674.85
6	1	52.2	9			233.42
7	1	55.9	9			565.28
8	3	68.9	9	1800	1755	462.11
9	2	55.7	9	1978		352.12
10	2	67.3	9	1266		459.19
11	1	98.4	9			530.59
12	2	73.2	9	1199		57.19
13	3	83.9	9	1811	1994	11.75
14	1	92.2	9			81.6
15	2	58.5	9	1220		631.9

Trial 30

TYPE 6 S	Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Detection (yes/no)**
1	y
2	y
3	y
4	y
5	y
6	y
7	y
8	y
9	y
10	y
11	y
12	y
13	y
14	y
15	y
16	y
17	y
18	y
19	y
20	y
21	y
22	y
23	y
24	y
25	y
26	y
27	y
28	y
29	y
30	y

100 % Detection

80 MHz Channel:

RADAR TYPE 1				Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Number of Pulses per Burst**	**Pulse Width (µsec)**	**PRI (µs)**	**Detection (yes/no)**
1	65	1	818	y
2	67	1	798	y
3	72	1	738	y
4	61	1	878	n
5	67	1	798	y
6	59	1	898	y
7	83	1	638	y
8	57	1	938	y
9	68	1	778	y
10	57	1	938	y
11	81	1	658	y
12	83	1	638	y
13	102	1	518	y
14	83	1	638	y
15	58	1	918	n
16	72	1	738	y
17	67	1	798	y
18	78	1	678	y
19	63	1	838	y
20	81	1	658	y
21	70	1	758	y
22	81	1	658	y
23	76	1	698	y
24	78	1	678	y
25	70	1	758	y
26	67	1	798	y
27	83	1	638	y
28	81	1	658	y
29	67	1	798	y
30	70	1	758	y

93 % Detection

RADAR TYPE 2				Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Number of Pulses per Burst**	**Pulse Width (µsec)**	**PRI (µs)**	**Detection (yes/no)**
1	26	4.9	208	y
2	29	4.2	167	y
3	24	3.8	229	y
4	27	2	221	y
5	25	2.8	195	y
6	28	3.8	151	y
7	27	1.4	179	y
8	25	3.7	176	n
9	27	2.8	197	y
10	23	2.7	180	y
11	27	3.3	172	y
12	27	2.4	197	y
13	27	1.3	189	y
14	26	2.1	221	y
15	24	1	172	y
16	24	1.5	201	n
17	24	2	176	n
18	25	1.5	220	y
19	29	2.7	189	y
20	24	4	175	y
21	26	1.4	156	y
22	26	2.4	165	y
23	25	3.4	226	y
24	25	3.2	221	y
25	26	4.5	198	n
26	25	4.9	183	y
27	25	1.2	219	n
28	24	4.1	179	y
29	28	3.4	157	y
30	29	3.8	190	y

83 % Detection

RADAR TYPE 3				Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Number of Pulses per Burst**	**Pulse Width (µsec)**	**PRI (µs)**	**Detection (yes/no)**
1	17	8.7	428	y
2	17	7.9	444	y
3	16	9.2	372	y
4	17	8.4	492	y
5	16	8.9	455	n
6	17	7.5	366	y
7	17	8.7	460	y
8	17	8.7	313	y
9	18	7	389	y
10	16	6.7	212	y
11	18	7.8	364	y
12	17	9.1	278	y
13	17	8.9	403	n
14	16	7.8	223	n
15	16	7.1	408	y
16	17	9.4	379	n
17	17	8.3	382	n
18	17	6.6	347	y
19	16	6.4	205	y
20	17	9.5	485	y
21	16	8.2	461	y
22	18	7.4	347	n
23	17	9.4	463	n
24	17	9.5	328	y
25	18	9.8	210	y
26	16	8.9	342	y
27	18	7.8	298	y
28	17	6.5	244	y
29	18	9	416	y
30	17	8.8	365	y

77 % Detection

RADAR TYPE 4				Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Number of Pulses per Burst**	**Pulse Width (µsec)**	**PRI (µs)**	**Detection (yes/no)**
1	12	16.5	431	y
2	15	12.3	322	n
3	13	18.4	291	y
4	15	18	246	y
5	15	15	441	y
6	14	11	479	y
7	14	13.2	344	y
8	14	11.8	477	n
9	14	13.8	286	n
10	14	14.2	277	y
11	12	19.7	326	y
12	15	18.9	445	y
13	12	13.7	278	n
14	16	16.4	312	n
15	14	15.6	382	y
16	16	15.6	455	n
17	15	16.1	471	y
18	14	13	343	y
19	12	15.7	487	y
20	14	18.9	367	y
21	15	18.6	481	y
22	15	13.5	270	n
23	12	13.8	481	y
24	12	18.8	338	y
25	13	15.5	480	y
26	15	15.4	382	y
27	16	15.6	372	y
28	12	13.8	232	n
29	14	18.7	389	n
30	15	12.4	413	n

67 % Detection

TYPE 5	Rohde & Schwarz K350 Pulse Sequencer DFS			
Trial #	**Detection (yes/no)**	**Chirp Width (MHz)**	**Subset**	**Fc**
1	y	15	1	5500
2	y	18	1	5500
3	y	13	1	5500
4	y	20	1	5500
5	y	17	1	5500
6	y	15	1	5500
7	y	18	1	5500
8	y	12	1	5500
9	y	10	1	5500
10	y	13	1	5500
11	y	13	2	5496.2
12	y	15	2	5497
13	y	7	2	5493.8
14	y	10	2	5495
15	y	13	2	5496.2
16	y	6	2	5493.4
17	y	12	2	5495.8
18	y	9	2	5494.6
19	y	20	2	5499
20	y	20	2	5499
21	y	16	3	5502.6
22	y	10	3	5505
23	y	13	3	5503.8
24	y	11	3	5504.6
25	y	12	3	5504.2
26	n	8	3	5505.8
27	y	14	3	5503.4
28	y	9	3	5505.4
29	y	13	3	5503.8
30	y	17	3	5502.2

97 % Detection

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 1

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	67.8	15	1278		291.332
2	3	66.4	15	1983	1080	544.293
3	2	76.3	15	1875		659.977
4	3	60	15	1431	1024	583.4
5	2	56.8	15	1172		289.263
6	2	92.5	15	1658		159.887
7	2	77.9	15	1360		448.14
8	1	87.8	15			306.283
9	3	80.2	15	1473	1457	216.177
10	3	77.9	15	1822	1224	34.45
11	2	64.3	15	1462		612.163
12	2	61	15	1329		607.527
13	2	63.5	15	1441		278.66
14	3	53.4	15	1872	1703	566.303
15	2	64.9	15	1764		308.977
16	2	77.9	15	1707		363.8
17	2	76.8	15	1953		156.633
18	2	64.1	15	1838		578.267

Trial 1

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 2						
Bursts in Trial: 13						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	82	18	1405		217.108
2	2	81.3	18	1473		337.503
3	3	71	18	1714	1627	396.946
4	3	94.7	18	1688	1955	895.279
5	2	74.7	18	1946		748.722
6	1	59.3	18			692.465
7	2	69.8	18	1515		854.368
8	1	66.4	18			490.962
9	1	98.7	18			881.645
10	3	57.1	18	1385	1557	812.428
11	2	62.7	18	1044		162.341
12	3	65.9	18	1514	1656	136.654
13	3	87.4	18	1460	1656	832.377

Trial 2

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 3						
Bursts in Trial: 10						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	54.5	13	1189		168.735
2	2	92.8	13	1936		163.03
3	1	53	13			1007.19
4	1	57.6	13			800.1
5	2	77.5	13	1776		248.3
6	1	57.5	13			170.24
7	2	83.1	13	1894		889.06
8	2	81.5	13	1685		41.77
9	2	80.5	13	1047		594.3
10	2	54	13	1250		466.9

Trial 3

Trial Number : 4						
Bursts in Trial: 18						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	51.4	20	1728		337.296
2	2	75.7	20	1701		384.463
3	2	85.1	20	1050		118.767
4	1	62.3	20			279.94
5	2	54	20	1251		427.993
6	3	76.5	20	1299	1948	141.127
7	1	71.7	20			339.33
8	1	58.2	20			68.443
9	2	99.2	20	1634		234.907
10	2	92.8	20	1151		143.25
11	2	75.9	20	1425		628.733
12	2	93.4	20	1573		367.397
13	3	93	20	1594	1501	402.6
14	2	65	20	1554		121.293
15	1	63.4	20			144.677
16	2	100	20	1630		544.7
17	1	84.7	20			4.433
18	1	69.2	20			383.767

Trial 4

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 5						
Bursts in Trial: 19						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	3	80.9	17	1463	1486	490.442
2	1	52.9	17			374.261
3	1	81.6	17			271.802
4	2	56.8	17	1802		528.033
5	2	50	17	1847		270.784
6	2	55.5	17	1116		196.535
7	2	94.1	17	1328		288.896
8	2	86.2	17	1863		454.417
9	2	76.6	17	1567		572.008
10	3	95	17	1313	1720	546.889
11	3	50.6	17	1341	1271	371.571
12	2	82.4	17	1107		335.462
13	3	95.4	17	1813	1700	333.783
14	2	77.8	17	1877		592.244
15	2	99.6	17	1257		284.035
16	2	92.6	17	1224		359.866
17	2	95.1	17	1995		95.037
18	2	63.4	17	1418		51.658
19	2	50.5	17	1462		186.379

Trial 5

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 6						
Bursts in Trial: 16						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	98.6	15			616.167
2	2	88.9	15	1128		521.44
3	2	53.1	15	1398		104.02
4	2	53.5	15	1546		539.43
5	2	98.2	15	1726		342.74
6	2	96.6	15	1251		359.7
7	2	54.8	15	1692		543.33
8	2	80.7	15	1131		352.1
9	2	67	15	1801		172.56
10	2	68.9	15	1125		183.66
11	2	89.5	15	1108		325.4
12	2	60.5	15	1485		213.46
13	3	65.9	15	1083	1858	433.45
14	1	69	15			369.8
15	2	77.2	15	1844		489.3
16	2	79	15	1736		678.2

Trial 6

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 7

Bursts in Trial: 12

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	68.7	18	1850		899.39
2	2	83.6	18	1148		920.74
3	2	99.9	18	1701		877.57
4	3	83.4	18	1140	1205	137.85
5	2	95.7	18	1535		585.32
6	3	93.7	18	1913	1981	482.93
7	2	76.5	18	1315		757.74
8	2	78.1	18	1046		126.66
9	2	86.7	18	1338		834.91
10	2	54.2	18	1127		172.93
11	2	98.6	18	1375		879.7
12	1	65.6	18			215.6

Trial 7

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 8						
Bursts in Trial: 15						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 Spacing (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	98.6	12			644.849
2	3	86.1	12	1153	1789	779.46
3	2	68.6	12	1506		626.23
4	2	85.8	12	1351		350.84
5	2	87.3	12	1860		583.78
6	1	89.9	12			633.74
7	2	96.9	12	1251		210.99
8	3	64.8	12	1352	1738	391.68
9	2	81.6	12	1614		376.08
10	1	54.2	12			462.43
11	1	85.8	12			329.97
12	1	82.4	12			656.23
13	2	81.9	12	1627		431.9
14	3	98.5	12	1110	1209	522.4
15	2	68.6	12	1260		491.5

Trial 8

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 9						
Bursts in Trial: 9						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	59.1	10	1080		1158.87
2	2	95.9	10	1940		191.707
3	2	93	10	1056		826.893
4	3	90	10	1356	1499	1034.14
5	1	57.3	10			973.797
6	3	68.1	10	1573	1185	598.773
7	2	97.6	10	1221		257.15
8	2	81.3	10	1243		523.497
9	2	75.7	10	1166		613.333

Trial 9

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 10						
Bursts in Trial: 20						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	78.4	13			35.376
2	1	55.5	13			505.42
3	2	87.6	13	1627		232.35
4	2	77.8	13	1275		280.58
5	1	55.6	13			582.68
6	2	51.5	13	1672		52.75
7	3	75.6	13	1513	1915	391.4
8	1	95.6	13			448.36
9	2	83.8	13	1873		267.55
10	2	58.3	13	1748		298.82
11	2	73.5	13	1830		103.77
12	2	51.7	13	1534		257.57
13	3	78.7	13	1147	1238	57.43
14	2	82.3	13	1349		431.63
15	2	50.2	13	1554		116.47
16	2	78	13	1783		546.96
17	1	59.2	13			422
18	3	58.4	13	1639	1211	239.7
19	3	97.9	13	1774	1071	389
20	2	97.3	13	1847		288.4

Trial 10

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 11						
Bursts in Trial: 11						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	3	52.7	13	1720	1992	393.942
2	2	99	13	1729		430.091
3	2	99.3	13	1247		906.212
4	1	83.9	13			495.733
5	2	98.7	13	1931		44.034
6	2	67.2	13	1931		243.195
7	2	65.4	13	1644		978.875
8	1	95.9	13			676.646
9	1	65.1	13			669.357
10	2	77.5	13	1772		153.138
11	2	65.3	13	1259		888.809

Trial 11

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 12						
Bursts in Trial: 9						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	87.7	15	1933		653.653
2	2	69.1	15	1290		1283.157
3	1	57.6	15			377.043
4	2	83.7	15	1058		1130.38
5	2	56.4	15	1051		920.787
6	2	51.5	15	1095		475.043
7	1	90.4	15			485.06
8	3	85.1	15	1298	1178	304.087
9	1	52	15			972.433

Trial 12

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 13						
Bursts in Trial: 13						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	3	89.8	7	1941	1933	482.709
2	3	79.6	7	1479	1084	460.143
3	2	98.5	7	1174		830.626
4	1	70.8	7			613.459
5	2	89.4	7	1049		642.602
6	2	84.8	7	1411		300.575
7	1	81.9	7			248.188
8	1	70	7			364.412
9	3	69	7	1035	1367	149.175
10	1	70.8	7			350.478
11	3	50.7	7	1142	1667	321.311
12	2	72.5	7	1898		736.554
13	2	95.4	7	1571		796.077

Trial 13

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 14						
Bursts in Trial: 13						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	62.2	10	1231		404.059
2	1	88.1	10			140.243
3	2	64.8	10	1870		151.266
4	2	79.6	10	1862		141.729
5	2	60.9	10	1083		355.022
6	2	60.2	10	1046		731.665
7	3	99.4	10	1067	1975	835.908
8	2	56.3	10	1260		676.592
9	2	81.5	10	1574		620.635
10	2	57.6	10	1038		146.028
11	2	81.1	10	1776		889.031
12	2	66.9	10	1405		677.954
13	2	70.9	10	1344		57.977

Trial 14

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 15

Bursts in Trial: 12

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	99.4	13	1031		853.806
2	1	51.2	13			454.19
3	1	51.1	13			803.97
4	2	68.2	13	1877		920.45
5	3	50.6	13	1277	1047	533.45
6	3	68.1	13	1282	1794	658.2
7	3	63.6	13	1606	1933	258.64
8	2	52.1	13	1176		282.23
9	1	86.5	13			238.78
10	3	71	13	1113	1515	825.45
11	1	93.5	13			919.6
12	2	66.7	13	1413		101.3

Trial 15

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 16						
Bursts in Trial: 10						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	94.7	6			201.021
2	1	53.2	6			384.33
3	2	97.6	6	1369		855.54
4	3	57.5	6	1251	1268	1125.13
5	3	65.2	6	1831	1340	1173.37
6	2	59.2	6	1044		760.47
7	2	92.7	6	1051		279.07
8	2	56.5	6	1040		36.34
9	1	53.4	6			416.8
10	2	61.5	6	1257		1092.5

Trial 16

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 17						
Bursts in Trial: 16						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	67.6	12			368.017
2	2	92.9	12	1932		643.67
3	2	92.8	12	1509		154.14
4	1	79.8	12			671.27
5	2	56.7	12	1271		254.25
6	2	54.9	12	1983		169.58
7	1	70.9	12			543.77
8	2	56.2	12	1684		58.98
9	2	96.1	12	1934		615.62
10	1	62.4	12			353.2
11	2	88.1	12	1555		10.02
12	2	72.7	12	1488		595.76
13	1	68.4	12			157.82
14	2	64.2	12	1219		8.44
15	2	70.7	12	1522		212.3
16	3	62.2	12	1465	1788	653.7

Trial 17

Trial Number : 18						
Bursts in Trial: 16						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	96.5	9	1507		213.994
2	2	88.3	9	1271		396.44
3	2	78.6	9	1191		71.82
4	1	50.7	9			347.47
5	3	81.1	9	1316	1125	84.8
6	2	100	9	1954		45.61
7	2	83.3	9	1683		98.92
8	2	81.7	9	1768		209.04
9	2	62.5	9	1349		115.72
10	2	92.4	9	1388		99.14
11	1	64.3	9			271.04
12	3	65.9	9	1547	1139	295.26
13	2	90.4	9	1939		493.73
14	3	85	9	1625	1177	279.3
15	1	56.4	9			615.9
16	1	92.1	9			495.5

Trial 18

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 19

Bursts in Trial: 14

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	93	20			831.166
2	1	70.2	20			316.197
3	1	56.1	20			11.624
4	3	72.2	20	1560	1810	98.891
5	3	53.4	20	1497	1827	91.889
6	2	77	20	1739		78.266
7	2	73.1	20	1926		421.633
8	2	90.8	20	1044		44.32
9	3	98	20	1255	1785	759.767
10	1	60.9	20			633.404
11	2	53.7	20	1816		402.161
12	2	61.2	20	1144		738.129
13	2	72.5	20	1432		612.786
14	1	75.5	20			243.743

Trial 19

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 20

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	51.5	20	1827	1295	674.839
2	2	78.3	20	1186		881.073
3	1	89.7	20			616.166
4	2	50.2	20	1635		294.839
5	3	69.8	20	1943	1732	447.732
6	3	94.8	20	1579	1235	848.555
7	2	75.6	20	1320		82.538
8	1	81.2	20			893.172
9	2	53.2	20	1595		343.815
10	1	98.8	20			61.118
11	2	55.9	20	1977		149.601
12	3	92.1	20	1593	1403	295.654
13	1	84	20			317.877

Trial 20

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 21						
Bursts in Trial: 20						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	75.2	16			327.592
2	2	81.9	16	1796		498.94
3	3	95.4	16	1383	1711	160.21
4	1	55.9	16			589.46
5	3	64.5	16	1652	1316	391.71
6	2	83.6	16	1221		210.18
7	2	50.6	16	1442		562.09
8	2	92.7	16	1136		177.77
9	3	92.2	16	1806	1873	133.35
10	2	65.1	16	1753		42.27
11	3	71.4	16	1705	1231	509.95
12	2	78.3	16	1686		266.15
13	2	75.1	16	1044		281.6
14	2	77	16	1968		3.11
15	2	94.4	16	1013		214.67
16	1	61.8	16			409.56
17	2	70.1	16	1234		146.01
18	3	97.4	16	1983	1748	530.4
19	2	54.9	16	1108		22.2
20	2	69.1	16	1122		99.1

Trial 21

Trial Number : 22						
Bursts in Trial: 9						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	95.2	10			268.228
2	2	99.5	10	1183		471.897
3	1	83.9	10			307.643
4	3	78.8	10	1958	1184	524.99
5	2	66.9	10	1523		1274.597
6	1	77.1	10			388.973
7	2	94.4	10	1434		444.1
8	1	93.2	10			207.297
9	3	57.2	10	1504	1400	418.533

Trial 22

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 23

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	96.2	13	1348		29.373
2	3	94	13	1361	1827	487.183
3	3	86.5	13	1129	1929	87.646
4	2	87.8	13	1487		77.179
5	2	86.7	13	1417		368.032
6	1	88.5	13			108.495
7	2	65.9	13	1336		615.868
8	3	77.9	13	1811	1112	409.862
9	1	70.6	13			421.985
10	2	97.4	13	1236		324.028
11	3	88.5	13	1648	1201	24.801
12	1	65.4	13			657.654
13	1	91.2	13			507.977

Trial 23

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 24						
Bursts in Trial: 17						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	68.5	11	1041		650.082
2	1	78.6	11			456.498
3	2	88.5	11	1577		405.475
4	3	54.5	11	1794	1803	543.353
5	2	66.4	11	1710		39.821
6	3	61	11	1736	1074	427.408
7	2	95.3	11	1806		693.386
8	3	72.6	11	1162	1720	559.904
9	2	79.1	11	1283		326.961
10	3	85.5	11	1846	1070	515.239
11	3	60.9	11	1503	1713	229.896
12	2	71.7	11	1225		479.684
13	3	68.7	11	1265	1267	124.562
14	2	61.8	11	1337		154.759
15	3	58.7	11	1060	1114	690.447
16	3	99.6	11	1839	1601	113.865
17	2	72.7	11	1783		436.482

Trial 24

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 25

Bursts in Trial: 12

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	98	12	1871	1264	554.189
2	3	94.5	12	1599	1030	310.58
3	2	99.3	12	1645		488.96
4	2	68.5	12	1590		720.42
5	2	81.2	12	1714		25
6	2	64	12	1627		851.24
7	2	62	12	1641		41.71
8	2	72	12	1822		20.63
9	3	65.3	12	1583	1250	692.75
10	3	83.1	12	1821	1134	385.57
11	1	71.2	12			315
12	1	62	12			180.6

Trial 25

Trial Number : 26						
Bursts in Trial: 12						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	66.7	8			546.022
2	2	61.3	8	1938		826.08
3	2	83.7	8	1069		971.52
4	2	66.1	8	1468		645.47
5	1	91.4	8			190.38
6	3	83.3	8	1271	1276	710.06
7	2	88	8	1370		873.36
8	1	55.4	8			922.63
9	3	90.9	8	1132	1595	832.24
10	2	88.3	8	1218		852.49
11	2	95.8	8	1919		223.7
12	1	80.5	8			848.8

Trial 26

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 27						
Bursts in Trial: 15						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	55.6	14			684.94
2	1	94.7	14			97.238
3	2	73.6	14	1116		323.71
4	2	80.8	14	1953		583.94
5	2	82	14	1653		335.86
6	2	70.3	14	1885		278.76
7	2	90.5	14	1801		595.89
8	2	76.5	14	1283		243.78
9	2	65.6	14	1667		429.76
10	2	58.4	14	1474		732.88
11	3	98.8	14	1344	1434	742.82
12	3	72.3	14	1234	1306	603.65
13	3	73.8	14	1780	1520	469.7
14	2	83.5	14	1906		197.9
15	2	77.9	14	1666		171.2

Trial 27

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 28						
Bursts in Trial: 12						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	54.7	9			628.762
2	1	92.7	9			24.15
3	1	57.8	9			387.32
4	1	87.7	9			589.9
5	2	58.1	9	1013		917.6
6	1	65.1	9			576.67
7	1	66.3	9			472.43
8	3	52.5	9	1758	1803	795.83
9	2	81.3	9	1286		562.06
10	2	97.6	9	1006		184.87
11	2	58.6	9	1692		456.7
12	3	58.5	9	1423	1192	622.6

Trial 28

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 29						
Bursts in Trial: 18						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	60.4	13	1626		643.441
2	1	97.2	13			569.123
3	1	66.2	13			295.547
4	1	65.9	13			263.62
5	1	65	13			75.333
6	2	53.6	13	1960		510.927
7	1	67	13			558.54
8	2	77.2	13	1861		14.683
9	2	75.4	13	1699		51.647
10	3	52.8	13	1693	1616	408.15
11	3	73.6	13	1679	1940	438.263
12	1	97.4	13			622.557
13	2	74.6	13	1630		424.88
14	1	80.6	13			656.123
15	2	75.5	13	1027		263.597
16	2	76.9	13	1941		148.6
17	2	65.9	13	1718		446.933
18	1	96.3	13			635.667

Trial 29

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 30

Bursts in Trial: 17

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	98.7	17			691.813
2	3	84	17	1130	1344	78.935
3	2	79.6	17	1090		306.115
4	1	83.8	17			537.333
5	2	58.4	17	1396		382.331
6	2	91.8	17	1548		257.958
7	2	57.5	17	1024		294.846
8	3	77.8	17	1767	1665	544.284
9	2	83.2	17	1747		666.401
10	1	90.1	17			97.729
11	1	90.1	17			357.666
12	3	61.8	17	1216	1427	600.004
13	2	63.2	17	1521		515.992
14	2	91.2	17	1056		582.999
15	3	87	17	1733	1356	105.377
16	2	60	17	1397		163.965
17	3	82.8	17	1324	1108	131.882

Trial 30

TYPE 6 S	Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Detection (yes/no)**
1	y
2	y
3	y
4	y
5	y
6	y
7	y
8	y
9	y
10	n
11	y
12	y
13	y
14	n
15	y
16	y
17	y
18	y
19	y
20	y
21	y
22	y
23	y
24	y
25	y
26	y
27	y
28	y
29	y
30	y

93 % Detection

160 MHz Channel:

RADAR TYPE 1				Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Number of Pulses per Burst**	**Pulse Width (µsec)**	**PRI (µs)**	**Detection (yes/no)**
1	83	1	638	y
2	63	1	838	n
3	58	1	918	y
4	92	1	578	y
5	74	1	718	n
6	58	1	918	y
7	98	1	538	y
8	59	1	898	y
9	81	1	658	y
10	72	1	738	y
11	83	1	638	y
12	57	1	938	y
13	98	1	538	y
14	81	1	658	y
15	70	1	758	y
16	58	1	918	y
17	78	1	678	y
18	98	1	538	y
19	98	1	538	n
20	63	1	838	n
21	98	1	538	y
22	57	1	938	y
23	78	1	678	y
24	72	1	738	y
25	78	1	678	y
26	67	1	798	y
27	63	1	838	y
28	58	1	918	y
29	62	1	858	y
30	78	1	678	y

87 % Detection

RADAR TYPE 2				Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Number of Pulses per Burst**	**Pulse Width (µsec)**	**PRI (µs)**	**Detection (yes/no)**
1	26	2.3	224	y
2	23	2.9	194	y
3	28	2.9	170	n
4	28	3.1	224	y
5	27	2.6	183	y
6	28	2.7	179	y
7	25	3.6	181	y
8	27	1.1	228	y
9	29	2.4	161	n
10	25	3	157	n
11	26	1.9	183	y
12	26	1.5	190	n
13	29	4.9	218	y
14	24	2.5	151	y
15	26	4.1	228	y
16	25	3	158	n
17	24	5	170	y
18	24	2.3	165	y
19	25	4.9	150	y
20	26	1.7	211	y
21	25	1	203	y
22	24	3.3	172	y
23	26	1.9	184	y
24	24	4.4	178	y
25	24	3.7	177	n
26	27	2.6	188	y
27	26	2	199	y
28	28	2.5	181	n
29	27	2	174	y
30	29	3.3	165	y

77 % Detection

RADAR TYPE 3				Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Number of Pulses per Burst**	**Pulse Width (µsec)**	**PRI (µs)**	**Detection (yes/no)**
1	18	6.7	434	y
2	16	9.9	294	y
3	16	6.9	441	y
4	18	8	249	y
5	17	7.4	342	y
6	16	6.7	243	y
7	17	10	385	n
8	16	8.2	338	y
9	16	8.5	331	y
10	18	7.5	324	y
11	17	9.7	325	y
12	16	9.1	397	y
13	18	7.2	386	y
14	16	7.6	344	y
15	18	8.8	438	n
16	16	7.5	346	y
17	17	9.8	456	y
18	18	7.7	439	y
19	17	9.1	407	y
20	17	10	477	y
21	17	7.5	342	y
22	16	9.4	325	y
23	16	7.6	230	y
24	17	8.9	204	y
25	17	8.2	453	y
26	17	7.9	494	y
27	18	9.3	302	n
28	17	9.1	261	n
29	17	9.9	461	y
30	16	7.1	277	y

87 % Detection

RADAR TYPE 4				Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Number of Pulses per Burst**	**Pulse Width (µsec)**	**PRI (µs)**	**Detection (yes/no)**
1	14	11.3	496	y
2	15	14.9	451	y
3	14	13.7	272	y
4	15	19.6	490	y
5	13	12.6	355	y
6	13	14.5	204	y
7	15	17.1	375	y
8	14	17.1	492	y
9	12	13.5	247	y
10	16	11.3	418	y
11	12	13	301	y
12	13	11.4	313	y
13	12	12.1	386	y
14	15	12.6	462	y
15	15	15.6	477	n
16	15	11.1	482	y
17	15	13	346	y
18	14	18.3	286	y
19	14	12.2	429	n
20	13	18.6	314	y
21	13	13.7	385	y
22	13	15.5	250	y
23	14	13	266	y
24	13	14.7	452	y
25	15	18.3	285	y
26	15	17	425	y
27	13	19	392	y
28	14	16.5	483	y
29	12	13.4	281	y
30	14	13.3	345	y

93 % Detection

TYPE 5	Rohde & Schwarz K350 Pulse Sequencer DFS			
Trial #	**Detection (yes/no)**	**Chirp Width (MHz)**	**Subset**	**Fc**
1	y	5	1	5500
2	y	5	1	5500
3	y	19	1	5500
4	y	19	1	5500
5	y	11	1	5500
6	y	11	1	5500
7	y	16	1	5500
8	y	20	1	5500
9	y	20	1	5500
10	y	18	1	5500
11	y	20	2	5499
12	y	9	2	5494.6
13	y	13	2	5496.2
14	y	7	2	5493.8
15	y	14	2	5496.6
16	y	19	2	5498.6
17	y	10	2	5495
18	y	17	2	5497.8
19	n	20	2	5499
20	y	9	2	5494.6
21	y	13	3	5503.8
22	y	20	3	5501
23	y	10	3	5505
24	y	6	3	5506.6
25	y	11	3	5504.6
26	y	16	3	5502.6
27	y	6	3	5506.6
28	y	18	3	5501.8
29	y	10	3	5505
30	y	14	3	5503.4

97 % Detection

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 1

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	73.6	5			871.114
2	2	72.9	5	1909		879.393
3	1	51.6	5			515.426
4	2	82.6	5	1448		346.059
5	3	77.2	5	1871	1846	350.422
6	2	76.5	5	1507		118.705
7	2	70	5	1253		449.228
8	1	53.4	5			656.642
9	1	58.9	5			174.175
10	3	75.8	5	1911	1482	489.608
11	1	76.6	5			811.331
12	1	81.4	5			563.154
13	3	80.4	5	1237	1079	610.877

Trial 1

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 2						
Bursts in Trial: 18						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	64.4	5	1352		654.505
2	2	70.7	5	1083		141.739
3	1	80.6	5			300.037
4	2	94.4	5	1044		511.25
5	2	74.5	5	1181		4.773
6	1	82.9	5			432.687
7	2	62	5	1299		34.15
8	2	52	5	1908		582.653
9	2	75.1	5	1324		59.557
10	1	75.6	5			71.86
11	1	69.6	5			381.223
12	3	73.7	5	1128	1243	350.177
13	2	63.4	5	1688		357.66
14	2	62.5	5	1937		13.073
15	1	95.4	5			616.137
16	2	93.8	5	1938		177.6
17	1	97.1	5			293.833
18	2	51.6	5	1165		451.867

Trial 2

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 3

Bursts in Trial: 12

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	67.8	19	1453		700.856
2	1	63.3	19			220.01
3	2	95.3	19	1283		18.06
4	2	62.2	19	1151		310.8
5	2	85.2	19	1242		383.8
6	2	90.6	19	1648		308.69
7	3	89	19	1027	1165	408.5
8	2	72.9	19	1881		394.2
9	2	52	19	1405		972.92
10	1	78	19			266.24
11	2	84	19	1176		792
12	3	84.6	19	1990	1760	591.1

Trial 3

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 4						
Bursts in Trial: 11						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	80.1	19	1008		101.669
2	2	97.2	19	1083		520.451
3	3	86.6	19	1162	1934	30.902
4	2	95.8	19	1989		19.393
5	2	65.7	19	1327		694.694
6	3	72.2	19	1931	1313	952.495
7	2	65.3	19	1086		574.285
8	1	95.5	19			833.416
9	2	92.9	19	1210		84.707
10	3	83.8	19	1013	1351	620.718
11	1	50.8	19			96.409

Trial 4

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 5

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	82	11			351.811
2	2	80.6	11	1808		139.473
3	2	70	11	1777		409.257
4	2	60.8	11	1027		71.39
5	2	72.7	11	1903		302.913
6	2	60.6	11	1343		187.987
7	1	61.9	11			596.12
8	3	68.3	11	1143	1424	287.093
9	2	68.5	11	1136		273.297
10	3	62.6	11	1416	1423	263.17
11	2	96.1	11	1302		270.283
12	2	92.9	11	1117		556.407
13	2	99.8	11	1451		42.35
14	2	98.8	11	1231		168.013
15	1	50.8	11			656.997
16	1	91.5	11			655
17	2	53.8	11	1824		532.633
18	2	98.3	11	1130		379.867

Trial 5

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 6						
Bursts in Trial: 19						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	67.7	11			196.499
2	2	92.4	11	1410		353.03
3	2	83	11	1840		355.342
4	2	100	11	1155		368.053
5	1	62.5	11			447.534
6	3	59.4	11	1132	1364	348.265
7	3	76.1	11	1722	1373	221.276
8	2	62.2	11	1506		130.757
9	2	91.5	11	1461		265.438
10	1	92.1	11			70.699
11	3	52.7	11	1188	1573	545.061
12	2	55.5	11	1765		175.112
13	2	50.5	11	1226		337.883
14	1	66.4	11			336.524
15	3	74.5	11	1425	1605	549.835
16	1	66.9	11			607.616
17	3	67	11	1238	1090	243.537
18	2	68.5	11	1930		240.858
19	1	68.7	11			241.779

Trial 6

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 7						
Bursts in Trial: 15						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	56.9	16	1361		235.714
2	1	61.9	16			508.52
3	2	98.7	16	1271		52.35
4	1	51.4	16			487.17
5	2	78.7	16	1840		595.03
6	2	86.2	16	1841		597.93
7	1	65	16			28.83
8	2	67.2	16	1236		615.92
9	2	84.6	16	1067		349.71
10	2	74.1	16	1454		22.44
11	3	73.5	16	1383	1980	786.28
12	1	99.3	16			130.96
13	1	89.1	16			417.7
14	1	93.8	16			792.4
15	2	98.9	16	1946		491.1

Trial 7

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 8						
Bursts in Trial: 19						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 Spacing (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	79.2	20			540.683
2	1	67	20			269.166
3	1	57.8	20			501.482
4	1	76.8	20			613.183
5	2	70.6	20	1376		551.504
6	2	99.4	20	1145		521.075
7	3	61.6	20	1344	1851	585.536
8	3	60.4	20	1696	1057	161.557
9	2	90.5	20	1440		210.458
10	2	60	20	1253		60.189
11	1	64.5	20			533.571
12	3	97.1	20	1861	1222	295.252
13	1	99.9	20			453.743
14	2	66.1	20	1717		363.794
15	3	70	20	1089	1202	425.765
16	1	97.6	20			570.016
17	2	91.6	20	1350		259.537
18	1	75.2	20			4.358
19	2	93.9	20	1542		30.379

Trial 8

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 9						
Bursts in Trial: 10						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	73	20			841.538
2	2	89.2	20	1978		149.07
3	2	86.4	20	1625		786.61
4	3	92	20	1628	1473	21.54
5	3	66	20	1454	1701	445.41
6	3	99.4	20	1504	1679	584.84
7	2	82.9	20	1527		418.21
8	2	84.6	20	1214		196.67
9	1	58.7	20			636.5
10	2	65.5	20	1843		287.1

Trial 9

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 10

Bursts in Trial: 17

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	92.7	18	1491	1968	406.822
2	2	60.7	18	1222		228.831
3	3	55.9	18	1555	1666	11.215
4	1	55.8	18			179.073
5	2	82.4	18	1767		549.651
6	2	80	18	1182		274.498
7	1	74.8	18			376.716
8	2	53.6	18	1795		514.954
9	1	85.6	18			512.621
10	1	85.3	18			35.929
11	1	83.2	18			475.816
12	2	56	18	1466		106.784
13	1	97.6	18			665.312
14	1	99.6	18			296.119
15	1	91.1	18			46.337
16	3	88.6	18	1596	1136	418.965
17	3	62.1	18	1778	1454	601.682

Trial 10

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 11						
Bursts in Trial: 19						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	85.4	20	1199		508.032
2	1	72.5	20			175.854
3	3	89	20	1199	1558	68.542
4	1	52.6	20			227.783
5	2	65.9	20	1049		521.204
6	1	84.3	20			341.675
7	2	54	20	1989		474.766
8	1	74.4	20			533.597
9	2	63.4	20	1716		199.058
10	3	95.8	20	1803	1954	431.519
11	2	87.2	20	1850		541.631
12	2	65	20	1762		176.142
13	2	99.9	20	1742		328.113
14	2	52.1	20	1489		46.214
15	2	66.3	20	1543		221.705
16	2	53.4	20	1711		503.286
17	3	66.4	20	1430	1146	521.837
18	3	51.2	20	1357	1295	124.358
19	3	72.9	20	1638	1259	328.779

Trial 11

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 12

Bursts in Trial: 10

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	92.1	9	1031	1688	833.595
2	2	87.1	9	1278		416.1
3	1	76.6	9			475.81
4	1	63.5	9			604.92
5	1	80.7	9			3.53
6	1	89.9	9			698.24
7	3	78.8	9	1707	1609	254
8	1	73.6	9			852.72
9	3	68.3	9	1515	1801	647.8
10	1	51.7	9			913.6

Trial 12

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 13

Bursts in Trial: 15

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	84	13	1238		166.537
2	1	60.7	13			547.66
3	2	77	13	1907		300.84
4	1	84.6	13			719.98
5	2	97.9	13	1790		312.38
6	3	98.6	13	1527	1036	118.3
7	1	98.3	13			414.89
8	2	51.3	13	1353		646.22
9	2	61.9	13	1273		213.45
10	2	54.4	13	1930		117.78
11	2	61	13	1933		608.41
12	3	82.7	13	1033	1493	79.93
13	3	87.2	13	1647	1159	736.5
14	2	67.7	13	1188		446.7
15	2	73.9	13	1051		257

Trial 13

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 14						
Bursts in Trial: 9						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	3	53	7	1312	1129	30.645
2	2	53.9	7	1966		1144.317
3	3	58.4	7	1731	1306	422.543
4	1	74.9	7			1055.43
5	1	76.2	7			955.257
6	2	56.1	7	1740		804.733
7	3	51.3	7	1254	1896	1291.08
8	3	70.3	7	1813	1860	1036.667
9	2	81.8	7	1520		175.533

Trial 14

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 15						
Bursts in Trial: 16						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	3	59.1	14	1188	1337	580.084
2	3	94.2	14	1579	1790	27.146
3	1	72.9	14			154.19
4	2	85.4	14	1230		254.87
5	2	62.8	14	1285		511.92
6	3	69.4	14	1784	1933	485.24
7	1	59.3	14			437.96
8	2	88.3	14	1473		738.36
9	2	55.8	14	1977		595.27
10	3	79.4	14	1725	1955	55.66
11	2	71.1	14	1875		267.61
12	3	76.4	14	1493	1303	67.21
13	3	85.4	14	1628	1407	662.55
14	2	71.3	14	1996		604.6
15	2	91.4	14	1614		555.3
16	2	52.7	14	1640		434.1

Trial 15

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 16						
Bursts in Trial: 13						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	82.7	19	1102		448.282
2	1	81	19			302.153
3	3	93.9	19	1851	1338	200.926
4	3	73.5	19	1940	1947	605.669
5	1	69.5	19			550.452
6	3	91.4	19	1889	1597	246.815
7	3	72.7	19	1115	1749	487.018
8	3	52.5	19	1822	1225	315.652
9	3	53.3	19	1737	1419	402.605
10	1	65.6	19			584.988
11	3	75.1	19	1905	1402	446.631
12	1	75.5	19			589.554
13	1	72.4	19			73.177

Trial 16

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 17						
Bursts in Trial: 19						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	68.5	10	1374		617.215
2	2	81.3	10	1942		217.516
3	2	81.7	10	1063		46.932
4	2	78.5	10	1801		518.943
5	2	72.6	10	1556		459.994
6	2	87.5	10	1012		330.925
7	2	76.9	10	1617		395.086
8	1	66.1	10			348.197
9	2	75.1	10	1556		447.018
10	3	79.9	10	1007	1226	307.569
11	2	56.4	10	1775		320.321
12	2	65.3	10	1582		138.492
13	1	74.5	10			129.063
14	3	90	10	1000	1743	469.394
15	3	62.6	10	1419	1665	157.675
16	2	78.6	10	1868		75.906
17	2	95.6	10	1664		363.137
18	2	74	10	1574		315.358
19	2	55.7	10	1418		85.579

Trial 17

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 18

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	75.5	17	1124	1886	407.282
2	1	57	17			213.549
3	2	74.2	17	1335		215.557
4	2	72.5	17	1743		437.11
5	3	61.5	17	1819	1579	251.823
6	2	84.4	17	1391		344.337
7	3	79.2	17	1602	1590	615.65
8	3	68.7	17	1106	1203	121.973
9	3	52.5	17	1348	1768	476.767
10	1	71.8	17			166.48
11	2	64.3	17	1831		248.403
12	2	87.7	17	1737		536.967
13	3	88.1	17	1378	1508	623.77
14	2	70	17	1989		262.313
15	2	97.5	17	1466		443.237
16	3	78.4	17	1112	1460	179.3
17	2	78	17	1640		630.133
18	2	53.3	17	1508		275.967

Trial 18

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 19						
Bursts in Trial: 16						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	84	20	1962		724.586
2	2	79.2	20	1953		453.6
3	2	85.2	20	1973		438.75
4	3	88.3	20	1363	1867	423.14
5	3	79.9	20	1001	1944	489.1
6	3	75.3	20	1770	1856	457.53
7	2	61.5	20	1844		454.47
8	1	52.2	20			301.86
9	2	80.4	20	1141		41.15
10	2	63	20	1429		468.91
11	3	83.9	20	1488	1399	400.99
12	1	88	20			247.87
13	3	76	20	1788	1172	369.32
14	2	99.5	20	1156		208.23
15	2	78	20	1565		54.6
16	2	52.3	20	1063		520

Trial 19

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 20						
Bursts in Trial: 17						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	3	53.7	9	1954	1343	403.197
2	2	68.6	9	1772		534.308
3	1	78.4	9			261.235
4	3	50.6	9	1795	1811	391.573
5	2	85	9	1155		286.051
6	2	65.5	9	1123		501.588
7	2	77.7	9	1665		418.646
8	1	68.5	9			353.624
9	1	92.7	9			76.281
10	2	78	9	1672		477.339
11	2	58.1	9	1248		435.096
12	3	59.8	9	1575	1563	339.024
13	1	71.8	9			502.622
14	2	65.3	9	1497		559.829
15	2	66	9	1074		43.307
16	3	82.3	9	1684	1859	474.265
17	3	95.5	9	1734	1893	79.282

Trial 20

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 21

Bursts in Trial: 12

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	75.4	13			94.145
2	3	87.1	13	1059	1464	788.57
3	3	60.6	13	1638	1018	252.26
4	3	82.7	13	1435	1738	546.47
5	3	67.2	13	1435	1438	10.72
6	1	90.6	13			329.27
7	2	96.4	13	1977		78.19
8	2	58	13	1757		808.52
9	1	64.1	13			159.43
10	3	62.3	13	1955	1131	341.17
11	2	84.5	13	1964		623.3
12	3	69.7	13	1035	1500	295.5

Trial 21

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 22						
Bursts in Trial: 18						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	78.6	20			506.463
2	3	86.6	20	1894	1555	97.344
3	3	85	20	1710	1568	0.507
4	2	75.5	20	1776		97.07
5	2	87	20	1635		396.643
6	3	90.5	20	1486	1444	351.007
7	1	84.8	20			488.56
8	3	67.3	20	1441	1467	363.993
9	1	75.7	20			9.577
10	1	64.9	20			355.05
11	2	60.6	20	1403		75.623
12	2	95.3	20	1587		220.937
13	2	81.8	20	1280		268.22
14	1	76.3	20			109.193
15	3	97.3	20	1772	1507	259.017
16	3	52.6	20	1241	1181	267.9
17	2	88.2	20	1886		375.733
18	2	52.4	20	1618		81.067

Trial 22

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 23						
Bursts in Trial: 20						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	82.2	10	1197		19.924
2	2	77.8	10	1843		168.731
3	2	55.2	10	1022		167.45
4	3	74.2	10	1156	1753	378.13
5	3	61	10	1954	1651	40.55
6	3	74.2	10	1277	1567	557.39
7	1	62.7	10			546.71
8	2	77.1	10	1678		446.23
9	2	59	10	1270		68.96
10	3	83.7	10	1004	1830	45.09
11	2	56	10	1280		474.77
12	1	50.4	10			536.94
13	1	67.4	10			442.52
14	2	59.9	10	1086		45.87
15	2	88.1	10	1218		169.59
16	2	51.5	10	1353		530.34
17	2	80.1	10	1324		116.06
18	2	88.2	10	1334		362.8
19	3	56.1	10	1589	1603	426.6
20	1	65.9	10			216.6

Trial 23

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 24

Bursts in Trial: 12

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	97.9	6	1873		211.677
2	2	96.7	6	1562		195.57
3	1	68.4	6			950.94
4	2	76.9	6	1809		165
5	2	75.3	6	1021		436.58
6	3	79.6	6	1336	1212	672.44
7	2	79.1	6	1185		466.77
8	1	70.1	6			688.48
9	3	64.4	6	1837	1881	368.35
10	2	64.1	6	1284		695.74
11	1	55.7	6			108.6
12	2	77.3	6	1319		178.2

Trial 24

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 25

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	69.3	11			454.557
2	1	88.9	11			556.453
3	3	69	11	1851	1750	203.496
4	2	59.6	11	1915		183.919
5	3	79.3	11	1300	1421	536.062
6	2	55.5	11	1935		186.135
7	1	65.4	11			228.488
8	2	64.5	11	1498		513.552
9	1	68.2	11			208.035
10	2	84.5	11	1744		194.718
11	1	80.6	11			834.731
12	3	92.1	11	1861	1975	470.054
13	2	98.5	11	1557		350.577

Trial 25

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 26						
Bursts in Trial: 19						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	96.2	16	1360		617.249
2	3	83.8	16	1421	1209	563.341
3	3	51.2	16	1392	1000	390.302
4	2	77.4	16	1344		598.113
5	2	83.9	16	1083		487.914
6	2	91.4	16	1557		564.065
7	1	57.2	16			266.296
8	1	98	16			37.047
9	2	82.4	16	1080		559.818
10	3	56.1	16	1984	1309	296.169
11	2	60.1	16	1912		179.281
12	2	63	16	1813		65.632
13	2	80.3	16	1920		564.723
14	2	79.4	16	1163		206.454
15	2	78.5	16	1222		509.435
16	2	76.1	16	1907		177.366
17	2	94.3	16	1225		49.937
18	1	91.5	16			210.358
19	1	70.7	16			145.379

Trial 26

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 27

Bursts in Trial: 17

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	93.7	6			460.238
2	2	75.9	6	1987		120.915
3	3	65.5	6	1725	1749	413.095
4	2	87.4	6	1041		52.293
5	2	51.2	6	1384		510.371
6	3	95.4	6	1985	1588	233.848
7	2	69.8	6	1570		421.876
8	2	97.1	6	1069		310.714
9	2	66.1	6	1734		390.981
10	2	86.8	6	1756		632.819
11	2	94.4	6	1766		439.026
12	3	79.8	6	1522	1534	472.154
13	2	93.1	6	1792		586.282
14	3	87.4	6	1445	1915	432.819
15	2	85.7	6	1774		453.947
16	1	71	6			375.165
17	3	74.2	6	1434	1683	272.282

Trial 27

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 28						
Bursts in Trial: 9						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	2	55.5	18	1529		886.103
2	1	96.7	18			489.307
3	1	85.5	18			187.633
4	3	97.1	18	1851	1193	9.19
5	3	65.4	18	1898	1631	838.827
6	2	98.2	18	1236		755.363
7	1	99.2	18			228.8
8	2	54.1	18	1049		150.837
9	2	82.6	18	1377		74.933

Trial 28

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 29						
Bursts in Trial: 18						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	3	89.6	10	1224	1708	156.028
2	3	96.9	10	1410	1723	558.433
3	1	83	10			627.577
4	1	99	10			271.2
5	2	76	10	1276		234.173
6	1	82	10			390.217
7	2	81.9	10	1286		64.58
8	3	68	10	1183	1104	585.683
9	2	81	10	1029		339.707
10	1	78.9	10			610.88
11	3	94	10	1728	1954	526.953
12	3	84.1	10	1318	1983	507.887
13	1	88	10			564.13
14	2	64.6	10	1072		357.563
15	2	85.1	10	1492		243.027
16	2	61.9	10	1744		364.9
17	1	51.2	10			592.933
18	1	99.9	10			163.767

Trial 29

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 30						
Bursts in Trial: 19						
Burst	**Number of Pulses**	**Pulse Width (µsec)**	**Chirp Width (MHz)**	**Pulse 1-to-2 PRI (µsec)**	**Pulse 2-to-3 PRI (µsec)**	**Start Location Within Interval (msec)**
1	1	58	14			367.52
2	1	87.6	14			304.015
3	1	78.6	14			466.072
4	2	50.6	14	1656		326.273
5	1	52.8	14			122.484
6	2	69.3	14	1184		224.385
7	2	70.8	14	1347		295.216
8	2	82.4	14	1217		25.757
9	2	74.1	14	1860		293.888
10	2	52.5	14	1543		297.569
11	2	85.8	14	1477		17.551
12	2	77.5	14	1632		348.102
13	1	77.8	14			170.623
14	3	82.2	14	1925	1327	473.114
15	2	91	14	1803		60.675
16	2	50.5	14	1998		382.646
17	2	79.1	14	1418		156.837
18	2	73.2	14	1298		624.458
19	2	69.1	14	1129		385.479

Trial 30

TYPE 6 S	Rohde & Schwarz K350 Pulse Sequencer DFS
Trial #	**Detection (yes/no)**
1	y
2	y
3	y
4	y
5	y
6	y
7	y
8	y
9	y
10	y
11	y
12	y
13	y
14	y
15	y
16	y
17	y
18	y
19	y
20	y
21	y
22	n
23	y
24	y
25	y
26	y
27	y
28	y
29	y
30	y

97 % Detection

--- End of Test Report –