

MRT Technology (Suzhou) Co., Ltd

Phone: +86-512-66308358 Fax: +86-512-66308368 Web: www.mrt-cert.com Report No.: 1501RSU00703 Report Version: V01 Issue Date: 03-21-2015

DFS MEASUREMENT REPORT

FCC PART 15.407

FCC ID:	2ABLK-844E-2
APPLICANT:	Calix Inc.
Application Type:	Certification
Product:	WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway
	with USB
Model No.:	844E-2
Brand Name:	Calix
FCC Classification:	Unlicensed National Information Infrastructure (UNII)
FCC Rule Part(s):	Part 15.407
	KDB 905462 D02v01r01, KDB 905462 D04v01
Type of Device:	Master Device

Client Device (No radar detection)

Client Device with radar detection

Reviewed By : Robin Wu (Robin Wu)

Approved By : Marlinchen

Test Date:

(Marlin Chen)





The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in KDB 905462 D02v01r01. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

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Jan 16~ Feb. 21, 2015





Revision History

Report No.	Version	Description	Issue Date
1501RSU00703	Rev. 01	Initial report	03-21-2015

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§2.1033 General Information

Applicant:	Calix Inc.				
Applicant Address:	1035 N. McDowell Blvd Petaluma, CA94954 U.S.A				
Manufacturer:	Wuxi Mitrastar Technology Co.,Ltd				
Manufacturer Address:	60#-E, Minshan Road, New District Wuxi				
Test Site:	MRT Technology (Suzhou) Co., Ltd				
Test Site Address:	D8 Building, Youxin Industrial Park, No.2 Tian'edang Rd., Wuzhong				
	Economic Development Zone, Suzhou, China				
MRT FCC Registration No.:	809388				
Model No.:	844E-2				
FCC ID:	2ABLK-844E-2				
Test Device Serial No.:	N/A ☐ Production ☐ Pre-Production ☐ Engineering				
FCC Classification:	Unlicensed National Information Infrastructure (UNII)				

Test Facility / Accreditations

Measurements were performed at MRT Laboratory located in Tian'edang Rd., Suzhou, China.

- MRT facility is a FCC registered (MRT Reg. No. 809388) test facility with the site description report on file and has met all the requirements specified in Section 2.948 of the FCC Rules.
- MRT facility is an IC registered (MRT Reg. No. 11384A-1) test laboratory with the site description on file at Industry Canada.
- MRT facility is a VCCI registered (R-4179, G-814, C-4664, T-2206) test laboratory with the site description on file at VCCI Council.
- MRT Lab is accredited to ISO 17025 by the American Association for Laboratory Accreditation (A2LA) under the American Association for Laboratory Accreditation Program (A2LA Cert. No. 3628.01) in EMC, Telecommunications and Radio testing for FCC, Industry Canada, EU and TELEC Rules.



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1. INTRODUCTION

1.1. Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Industry Canada Certification and Engineering Bureau.

1.2. MRT Test Location

The map below shows the location of the MRT LABORATORY, its proximity to the Taihu Lake. These measurement tests were conducted at the MRT Technology (Suzhou) Co., Ltd. Facility located at D8 Building, Youxin Industrial Park, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China. The detailed description of the measurement facility was found to be in compliance with the requirements of § 2.948 according to ANSI C63.4-2009 on September 30, 2013.



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2. PRODUCT INFORMATION

2.1. Equipment Description

Product Name	WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB				
Model No.	844E-2				
Radio Type	Intentional Transceiver				
Operation Mode	Master Device				
Frequency Range	For 802.11a/n-HT20:				
	5260~5320MHz, 5500~5700MHz				
	For 802.11ac-VHT20:				
	5260~5320MHz, 5500~5720MHz				
	For 802.11n-HT40:				
	5270~5310MHz, 5510~5670MHz				
	For 802.11ac-VHT40:				
	5270~5310MHz, 5510~5710MHz				
	For 802.11ac-VHT80:				
	5290MHz, 5530MHz, 5610MHz, 5690MHz				
Maximum Output Power	802.11a: 21.12dBm				
	802.11n-HT20: 21.24dBm				
	802.11ac-VHT20: 21.23dBm				
	802.11n-HT40: 21.16dBm				
	802.11ac-VHT40: 21.27dBm				
	802.11ac-VHT80: 21.04dBm				
Type of Modulation	802.11a/n/ac: OFDM;				
Power-on cycle	Requires 180.9 seconds to complete its power-on cycle.				
Uniform Spreading	For the 5250-5350MHz, 5470-5725 MHz bands, the Master device				
	provides, on aggregate, uniform loading of the spectrum across all				
	devices by selecting an operating channel among the available				
	channels using a random algorithm.				

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2.2. Description of Available Antennas

Antenna	Frequency	T _X Paths	Directional Gain (dBi)				
Type Band (GHz)			Non Beam Forming	Beam Forming	CDD		
	2.4	2	1.90				
	5.2	4	2.17	8.04	8.04		
PCB Antenna	5.3	4	2.03	7.78	7.78		
	5.6	4	2.55	8.38	8.38		
	5.8	4	2.70	8.70	8.70		

Note:

- Transmit at 2.4GHz support two antennas, and support four antennas at 5GHz transmit.
- 1. The EUT working on Beam Forming mode, and the Beam Forming support 802.11n/ac, not include 802.11a, and 802.11a working on CDD mode.
- 2. Correlated signals include, but are not limited to, signals transmitted in any of the following modes:
 - Any transmit Beam Forming mode, whether fixed or adaptive (e.g., phased array modes, closed loop MIMO modes, Transmitter Adaptive Antenna modes, Maximum Ratio Transmission (MRT) modes, and Statistical Eigen Beam Forming (EBF) modes).
- 3. Unequal antenna gains, with equal transmit powers. For antenna gains given by $G_1, G_2, ..., G_N$ dBi
 - transmit signals are correlated, then
 - Directional gain = 10 log[(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})²/N_{ANT}] dBi [Note the "20"s in the denominator of each exponent and the square of the sum of terms; the object is to combine the signal levels coherently.]

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2.1. Description of Antenna RF Port

RF Port							
Test Mode	Software Control Port						
2.4GHz T _X	Ant 0	Ant 0 Ant 1					
Test Mode	Software Control Port						
5GHz T _X	Ant 0 Ant 1 Ant 2 Ant 3						





2.2. DFS Band Carrier Frequencies Operation

802.11a/n Center Working Frequency of Each Channel

Channel	Frequency	Channel	Frequency	Channel	Frequency
52	5260 MHz	56	5280 MHz	60	5300 MHz
64	5320 MHz	100	5500 MHz	104	5520 MHz
108	5540 MHz	112	5560 MHz	116	5580 MHz
120	5600 MHz	124	5620 MHz	128	5640 MHz
132	5660 MHz	136	5680 MHz	140	5700 MHz

802.11ac-VHT20 Center Working Frequency of Each Channel

Channel	Frequency	Channel	Frequency	Channel	Frequency
52	5260 MHz	56	5280 MHz	60	5300 MHz
64	5320 MHz	100	5500 MHz	104	5520 MHz
108	5540 MHz	112	5560 MHz	116	5580 MHz
120	5600 MHz	124	5620 MHz	128	5640 MHz
132	5660 MHz	136	5680 MHz	140	5700 MHz
144	5720 MHz	N/A	N/A	N/A	N/A

802.11n-HT40 Center Working Frequency of Each Channel

Channel	Frequency	Channel	Frequency	Channel	Frequency
54	5270 MHz	62	5310 MHz	102	5510 MHz
110	5550 MHz	118	5590 MHz	126	5630 MHz
134	5670 MHz	N/A	N/A	N/A	N/A

802.11ac-VHT40 Center Working Frequency of Each Channel

Channel	Frequency	Channel	Frequency	Channel	Frequency
54	5270 MHz	62	5310 MHz	102	5510 MHz
110	5550 MHz	118	5590 MHz	126	5630 MHz
134	5670 MHz	142	5710MHz	N/A	N/A

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802.11ac-VHT80 Center Working Frequency of Each Channel

Channel	Frequency	Channel	Frequency	Channel	Frequency
58	5290 MHz	106	5530 MHz	122	5610 MHz
138	5690 MHz	N/A	N/A	N/A	N/A

2.3. Test Mode

Test Mode	Mode 1: Communication with Notebook
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3. DFS DETECTION THRESHOLDS AND RADAR TEST WAVEFORMS

3.1. Applicability

The following table e from FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v01r01 lists the applicable requirements for the DFS testing.

Requirement	Operational Mode				
	Master Client Without Client With F		Client With Radar		
		Radar Detection	Detection		
Non-Occupancy Period	Yes	Not required	Yes		
DFS Detection Threshold	Yes	Not required	Yes		
Channel Availability Check Time	Yes	Not required	Not required		
U-NII Detection Bandwidth	Yes	Not required	Yes		

Table 3-1: Applicability of DFS Requirements Prior to Use of a Channel

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

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

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

Table 3-2: Applicability of DFS Requirements during normal operation

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3.2. DFS Devices Requirements

Per FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v01r01 the following are the requirements for Master Devices:

- (a) The Master Device will use DFS in order to detect Radar Waveforms with received signal strength above the DFS Detection Threshold in the 5250 ~ 5350 MHz and 5470 ~ 5725 MHz bands. DFS is not required in the 5150 ~ 5250 MHz or 5725 ~ 5825 MHz bands.
- (b) Before initiating a network on a Channel, the Master Device will perform a Channel Availability Check for a specified time duration (Channel Availability Check Time) to ensure that there is no radar system operating on the Channel, using DFS described under subsection a) above.
- (c) The Master Device initiates a U-NII network by transmitting control signals that will enable other U-NII devices to Associate with the Master Device.
- (d) During normal operation, the Master Device will monitor the Channel (In-Service Monitoring) to ensure that there is no radar system operating on the Channel, using DFS described under a).
- (e) If the Master Device has detected a Radar Waveform during In-Service Monitoring as described under d), the Operating Channel of the U-NII network is no longer an Available Channel. The Master Device will instruct all associated Client Device(s) to stop transmitting on this Channel within the Channel Move Time. The transmissions during the Channel Move Time will be limited to the Channel Closing Transmission Time.
- (f) Once the Master Device has detected a Radar Waveform it will not utilize the Channel for the duration of the Non-Occupancy Period.
- (g) If the Master Device delegates the In-Service Monitoring to a Client Device, then the combination will be tested to the requirements described under d) through f) above.

Channel Move Time and Channel Closing Transmission Time requirements are listed in the following table.

Parameter	Value		
Non-occupancy period	Minimum 30 minutes		
Channel Availability Check Time	60 seconds		
Channel Move Time	10 seconds		
Channel Move Time	See Note 1.		
	200 milliseconds + an aggregate of 60		
Channel Closing Transmission Time	milliseconds over remaining 10 second period.		
	See Notes 1 and 2.		
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission		
200	power bandwidth. See Note 3.		
Note 1: Channel Move Time and the Channel Clo	sing Transmission Time should be performed with		

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Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.



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

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

Table 3-3: DFS Response Requirements

3.3. DFS Detection Threshold Values

The DFS detection thresholds are defined for Master devices and Client Devices with In-service monitoring. These detection thresholds are listed in the following table.

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

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.

Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

Table 3-4: Detection Thresholds for Master Devices and Client Devices with Radar Detection

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3.4. Parameters of DFS Test Signals

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

Short Pulse Radar Test Waveforms

Radar	Pulse	PRI	Number of Pulses	Minimum	Minimum
			Number of Fulses		
Туре	Width	(µsec)		Percentage of	Number of
	(µsec)			Successful	Trials
				Detection	
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique		60%	30
		PRI values randomly	$\left \left(\frac{1}{2c0} \right) \right $		
		selected from the list	Roundup $\left\{ \begin{array}{c} \left(\overline{360} \right)^{\cdot} \\ \left(19 \cdot 10^{6} \right) \end{array} \right\}$		
		of 23 PRI values in	$\left \left(\frac{19 \cdot 10^{\circ}}{\text{DDI}} \right) \right $		
		Table 3-6	[(PKI _{usec})]		
		Test B: 15 unique			
		PRI values randomly			
		selected within the			
		range of 518-3066			
		μsec, with a			
		minimum increment			
		of 1 µsec, excluding			
		PRI values selected			
		in Test A			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate	e (Radar Typ	oes 1-4)		80%	120

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

Table 3-5: Parameters for Short Pulse Radar Waveforms

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A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms.

Pulse Repetition Frequency Number	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)
1	1930.5	518
2	1858.7	538
3	1792.1	558
4	1730.1	578
5	1672.2	598
6	1618.1	618
7	1567.4	638
8	1519.8	658
9	1474.9	678
10	1432.7	698
11	1392.8	718
12	1355	738
13	1319.3	758
14	1285.3	778
15	1253.1	798
16	1222.5	818
17	1193.3	838
18	1165.6	858
19	1139	878
20	1113.6	898
21	1089.3	918
22	1066.1	938
23	326.2	3066

Table 3-6: Pulse Repetition Intervals Values for Test A

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Long Pulse Radar Test Waveform

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

Table 3-7: Parameters for Long Pulse Radar Waveforms

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

Frequency Hopping Radar Test Waveform

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

Table 3-8: Parameters for Frequency Hopping Radar Waveforms

For the Frequency Hopping Radar Type, the same Burst parameters are used for each waveform.

The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until all 475 frequencies are chosen for the set. For selection of a random frequency, the frequencies remaining within the group are always treated as equally likely.

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3.5. Conducted Test Setup

The FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v01r01 describes a radiated test setup and a conducted test setup. The conducted test setup was used for this testing. Figure 3-1 shows the typical test setup.

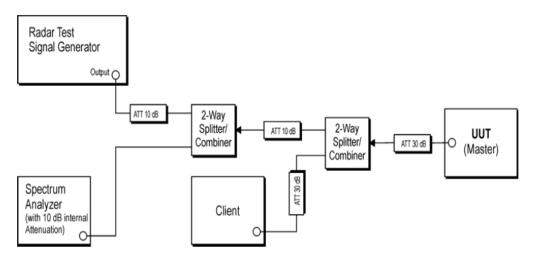


Figure 3-1: Conducted Test Setup where UUT is a Master and Radar Test Waveforms are injected into the Masters

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4. TEST EQUIPMENT CALIBRATION DATE

Dynamic Frequency Selection (DFS)

Instrument	Manufacturer	Type No.	Serial No.	Cali. Due Date
Spectrum Analyzer	Agilent	N9020A	MY52090106	2015/04/23
ESG Vector Signal Generator	Agilent	E4438C	MY49872484	2015/12/09

Software	Manufacturer	Function
Pulse Building	Agilent	Radar Signal Generation Software
DFS Tool	Agilent	DFS Test Software

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5. TEST RESULT

5.1. Summary

Company Name: Calix Inc.

FCC ID: 2ABLK-844E-2

FCC Classification: Unlicensed National Information Infrastructure (UNII)

Parameter	Limit	Test Result	Reference
UNII Detection Bandwidth Measurement	Refer Table 3-3	Pass	Section 5.4
Initial Channel Availability Check Time	Refer Table 3-3	Pass	Section 5.5
Radar Burst at the Beginning of the Channel Availability Check Time	Refer Table 3-3	Pass	Section 5.6
Radar Burst at the End of the Channel Availability Check Time	Refer Table 3-3	Pass	Section 5.7
In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time	Refer Table 3-3	Pass	Section 5.8
Non-Occupancy Period	Refer Table 3-3	Pass	Section 5.8
Statistical Performance Check	Refer Table 3-3	Pass	Section 5.9

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5.2. Radar Waveform Calibration

5.2.1. Calibration Setup

The conducted test setup was used for this calibration testing. Figure 3-2 shows the typical test setup.

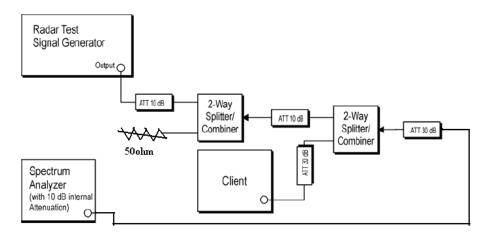


Figure 3-2: Conducted Test Setup

5.2.2. Calibration Procedure

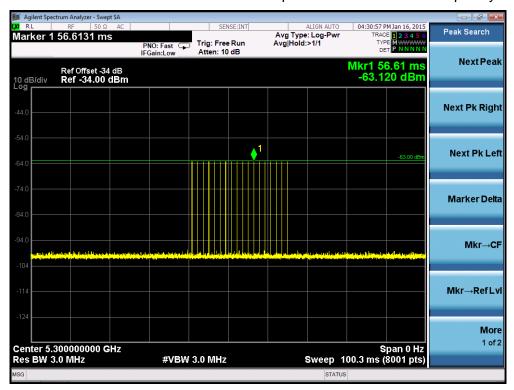
The Interference Radar Detection Threshold Level is (-64dBm) + (0) [dBi] + 1 dB= -63 dBm that had been taken into account the output power range and antenna gain. The above equipment setup was used to calibrate the conducted Radar Waveform. A vector signal generator was utilized to establish the test signal level for each radar type. During this process there were replace 50ohm terminal form Master and Client device and no transmissions by either the Master or Client Device. The spectrum analyzer was switched to the zero span (Time Domain) at the frequency of the Radar Waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to at least 3MHz. The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was (-64dBm) + (0) [dBi] + 1 dB= -63dBm. Capture the spectrum analyzer plots on short pulse radar types, long pulse radar type and hopping radar waveform.

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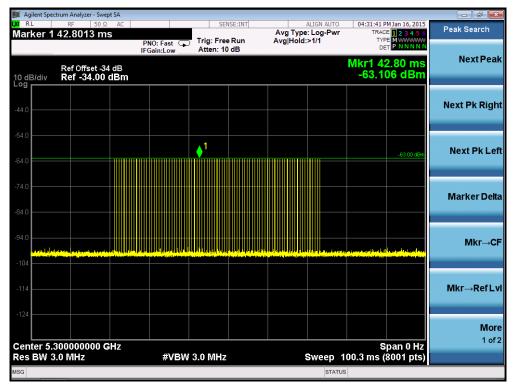


5.2.3. Cablibration Result

Radar #0 DFS detection threshold level and the burst of pulses on the Channel frequency



Radar #1(Test A) DFS detection threshold level and the burst of pulses on the Channel frequency

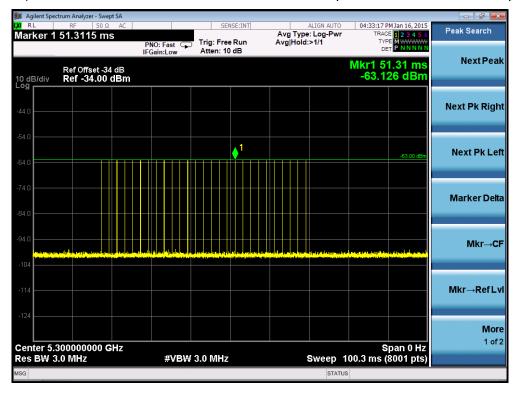


PRI = 598us and the number of pulses = 89

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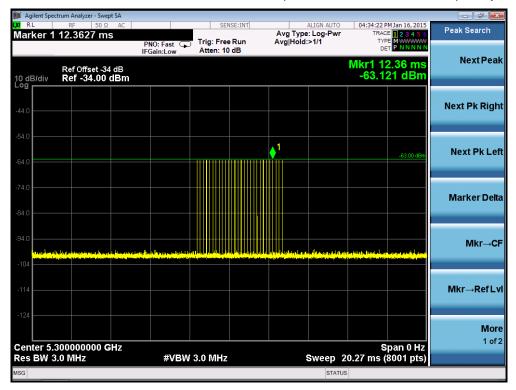


Radar #1(Test B) DFS detection threshold level and the burst of pulses on the Channel frequency



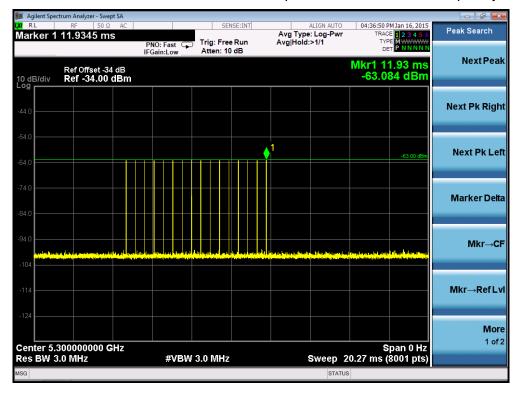
PRI = 2.003ms and the number of pulses = 27

Radar #2 DFS detection threshold level and the burst of pulses on the Channel frequency

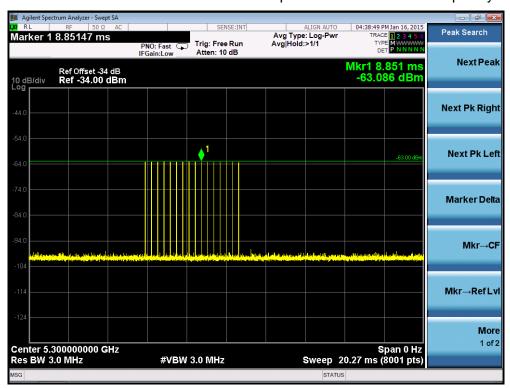




Radar #3 DFS detection threshold level and the burst of pulses on the Channel frequency

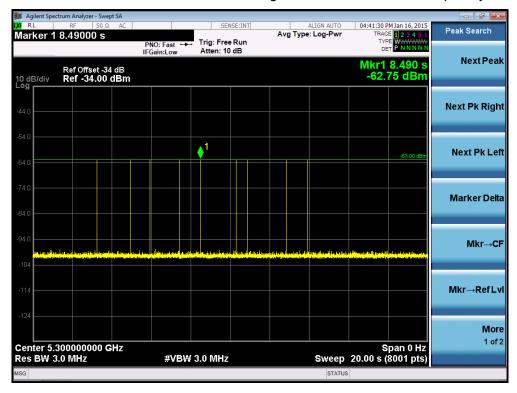


Radar #4 DFS detection threshold level and the burst of pulses on the Channel frequency

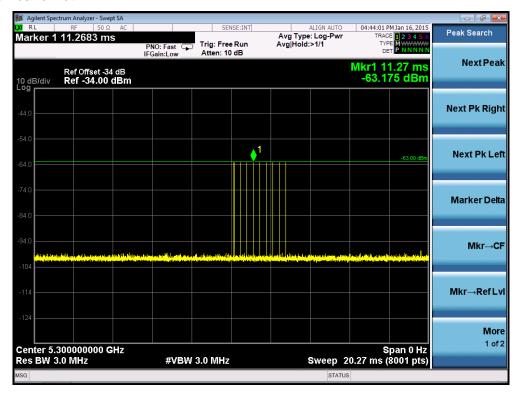


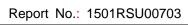


Radar #5 DFS detection threshold level and 12sec long burst on the Channel frequency



Radar #6 DFS detection threshold level and a single hop (9 pulses) on the Channel frequency within UNII detection bandwidth







5.2.4. Test Setup Photo

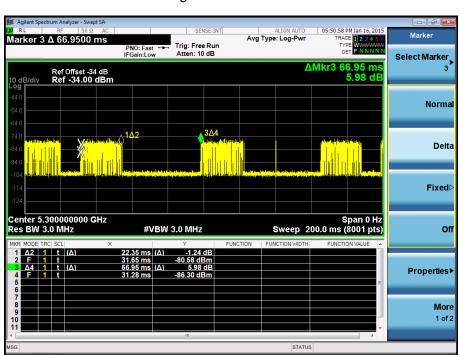
Description: Test Setup Photo





5.3. Channel Loading Test Result

System testing was performed with the designated MPEG test file that streams full motion video from the WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB to the Client in full motion video mode using the media player with the V2.61 Codec package. This file is used by IP and Frame based systems for loading the test channel during the In-service compliance testing of the U-NII device. Packet ratio = Time On/ (Time On + Off Time).

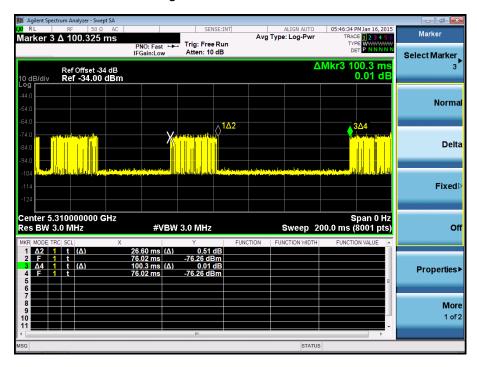


Channel Loading Plot - 802.11a-5300MHz

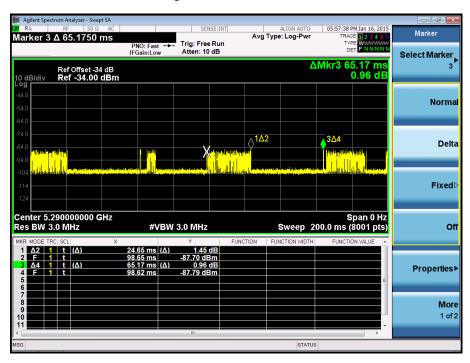
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Channel Loading Plot - 802.11n-HT40 5310MHz



Channel Loading Plot - 802.11ac80 5290MHz



Test Mode	Packet ratio	Requirement ratio	Test Result
802.11a	33.38%	>17%	Pass
802.11n-40MHz	26.52%	>17%	Pass
802.11ac-80MHz	37.82%	>17%	Pass

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5.4. UNII Detection Bandwidth Measurement

5.4.1. Test Limit

Minimum 100% of the UNII 99% transmission power bandwidth. During the U-NII Detection Bandwidth detection test, each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

5.4.2. Test Procedure

- 1. Adjust the equipment to produce a single Burst of any one of the Short Pulse Radar Types 0-4 in Table 3-5 at the center frequency of the EUT Operating Channel at the specified DFS Detection Threshold level.
- 2. The generating equipment is configured as shown in the Conducted Test Setup above section 3.5.
- 3. The EUT is set up as a stand-alone device (no associated Client or Master, as appropriate) and no traffic. Frame based systems will be set to a talk/listen ratio reflecting the worst case (maximum) that is user configurable during this test.
- 4. Generate a single radar Burst, and note the response of the EUT. Repeat for a minimum of 10 trials. The EUT must detect the Radar Waveform using the specified U-NII Detection Bandwidth criterion shown in Table 3-5. In cases where the channel bandwidth may exceed past the DFS band edge on specific channels (i.e., 802.11ac or wideband frame based systems) select a channel that has the entire emission bandwidth within the DFS band. If this is not possible, test the detection BW to the DFS band edge.
- 5. Starting at the center frequency of the UUT operating Channel, increase the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in Table 3-3. Repeat this measurement in 1MHz steps at frequencies 5 MHz below where the detection rate begins to fall. Record the highest frequency (denote as FH) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies above FH is not required to demonstrate compliance.
- 6. Starting at the center frequency of the EUT operating Channel, decrease the radar frequency in 1 MHz steps, repeating the above item 4 test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion. Record the lowest frequency (denote as FL) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies below FL is not required to demonstrate compliance.
- 7. The U-NII Detection Bandwidth is calculated as follows: U-NII Detection Bandwidth = FH FL 8. The U-NII Detection Bandwidth must be at least 100% of the EUT transmitter 99% power, otherwise, the EUT does not comply with DFS requirements.

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5.4.3. Test Result

EUT Frequency=5300MHz for 802.11a												
Radar Frequency			DF	S Det	ection	Trials	(1=D	etectic	n, 0=	No De	tection)	
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)	
5285	0	0	0	0	0	0	0	0	0	0	0%	
5286	0	0	0	0	0	0	0	0	0	0	0%	
5287	0	0	0	0	0	0	0	0	0	0	0%	
5288	0	0	0	0	0	0	0	0	0	0	0%	
5289	0	0	0	0	0	0	0	0	0	0	0%	
5290 FL	1	1	1	1	1	1	1	1	1	1	100%	
5291	1	1	1	1	1	1	1	1	1	1	100%	
5292	1	1	1	1	1	1	1	1	1	1	100%	
5293	1	1	1	1	1	1	1	1	1	1	100%	
5294	1	1	1	1	1	1	1	1	1	1	100%	
5295	1	1	1	1	1	1	1	1	1	1	100%	
5296	1	1	1	1	1	1	1	1	1	1	100%	
5297	1	1	1	1	1	1	1	1	1	1	100%	
5298	1	1	1	1	1	1	1	1	1	1	100%	
5299	1	1	1	1	1	1	1	1	1	1	100%	
5300	1	1	1	1	1	1	1	1	1	1	100%	
5301	1	1	1	1	1	1	1	1	1	1	100%	
5302	1	1	1	1	1	1	1	1	1	1	100%	
5303	1	1	1	1	1	1	1	1	1	1	100%	
5304	1	1	1	1	1	1	1	1	1	1	100%	
5305	1	1	1	1	1	1	1	1	1	1	100%	
5306	1	1	1	1	1	1	1	1	1	1	100%	
5307	1	1	1	1	1	1	1	1	1	1	100%	
5308	1	1	1	1	1	1	1	1	1	1	100%	
5309	1	1	1	1	1	1	1	1	1	1	100%	
5310 FH	1	1	1	1	1	1	1	1	1	1	100%	
5311	0	0	0	0	0	0	0	0	0	0	0%	
5312	0	0	0	0	0	0	0	0	0	0	0%	
5313	0	0	0	0	0	0	0	0	0	0	0%	

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5314	0	0	0	0	0	0	0	0	0	0	0%
5315	0	0	0	0	0	0	0	0	0	0	0%

Detection Bandwidth = FH - FL = 5310MHz - 5290MHz = 20MHz

EUT 99% Bandwidth = 16.96MHz (see note)

UNII Detection Bandwidth Min. Limit (MHz): 16.96MHz x 100% = 16.96MHz

Note: All UNII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5300MHz. The 99% channel bandwidth is 17.03MHz. (See the 99% BW section of the RF report for further measurement details).



		EU	T Freq	uency	/=5310	MHz f	or 802	.11n-ŀ	HT40		
Radar Frequency			DF	S Det	ection	Trials	(1=D	etectio	on, 0=	No De	tection)
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5290	0	0	0	0	0	0	0	0	0	0	0%
5291	0	0	0	0	0	0	0	0	0	0	0%
5292 FL	1	1	1	1	1	1	1	1	1	1	100%
5293	1	1	1	1	1	1	1	1	1	1	100%
5294	1	1	1	1	1	1	1	1	1	1	100%
5295	1	1	1	1	1	1	1	1	1	1	100%
5296	1	1	1	1	1	1	1	1	1	1	100%
5297	1	1	1	1	1	1	1	1	1	1	100%
5298	1	1	1	1	1	1	1	1	1	1	100%
5299	1	1	1	1	1	1	1	1	1	1	100%
5300	1	1	1	1	1	1	1	1	1	1	100%
5301	1	1	1	1	1	1	1	1	1	1	100%
5302	1	1	1	1	1	1	1	1	1	1	100%
5303	1	1	1	1	1	1	1	1	1	1	100%
5304	1	1	1	1	1	1	1	1	1	1	100%
5305	1	1	1	1	1	1	1	1	1	1	100%
5306	1	1	1	1	1	1	1	1	1	1	100%
5307	1	1	1	1	1	1	1	1	1	1	100%
5308	1	1	1	1	1	1	1	1	1	1	100%
5309	1	1	1	1	1	1	1	1	1	1	100%
5310	1	1	1	1	1	1	1	1	1	1	100%
5311	1	1	1	1	1	1	1	1	1	1	100%
5312	1	1	1	1	1	1	1	1	1	1	100%
5313	1	1	1	1	1	1	1	1	1	1	100%
5314	1	1	1	1	1	1	1	1	1	1	100%
5315	1	1	1	1	1	1	1	1	1	1	100%
5316	1	1	1	1	1	1	1	1	1	1	100%
5317	1	1	1	1	1	1	1	1	1	1	100%
5318	1	1	1	1	1	1	1	1	1	1	100%
5319	1	1	1	1	1	1	1	1	1	1	100%
5320	1	1	1	1	1	1	1	1	1	1	100%

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-											
5321	1	1	1	1	1	1	1	1	1	1	100%
5322	1	1	1	1	1	1	1	1	1	1	100%
5323	1	1	1	1	1	1	1	1	1	1	100%
5324	1	1	1	1	1	1	1	1	1	1	100%
5325	1	1	1	1	1	1	1	1	1	1	100%
5326	1	1	1	1	1	1	1	1	1	1	100%
5327	1	1	1	1	1	1	1	1	1	1	100%
5328	1	1	1	1	1	1	1	1	1	1	100%
5329 FH	1	1	1	1	1	1	1	1	1	1	100%
5330	1	1	1	1	1	1	1	1	1	1	100%

Detection Bandwidth = FH - FL = 5330MHz - 5292MHz = 38MHz

EUT 99% Bandwidth = 36.49MHz (see note)

UNII Detection Bandwidth Min. Limit (MHz): 36.53MHz x 100% = 36.49MHz

Note: All UNII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5310MHz. The 99% channel bandwidth is 36.53MHz. (See the 99% BW section of the RF report for further measurement details).



		EUT	Frequ	ency=	5290N	/IHz fo	r 802.	11ac-V	/HT80		
Radar Frequency			DF	S Det	ection	Trials	(1=D	etectic	n, 0=	No De	tection)
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5245	0	0	0	0	0	0	0	0	0	0	0%
5246	0	0	0	0	0	0	0	0	0	0	0%
5247	0	0	0	0	0	0	0	0	0	0	0%
5248	0	0	0	0	0	0	0	0	0	0	0%
5249	0	0	0	0	0	0	0	0	0	0	0%
5250 FL	1	1	1	1	1	1	1	1	1	1	100%
5251	1	1	1	1	1	1	1	1	1	1	100%
5252	1	1	1	1	1	1	1	1	1	1	100%
5253	1	1	1	1	1	1	1	1	1	1	100%
5254	1	1	1	1	1	1	1	1	1	1	100%
5255	1	1	1	1	1	1	1	1	1	1	100%
5256	1	1	1	1	1	1	1	1	1	1	100%
5257	1	1	1	1	1	1	1	1	1	1	100%
5258	1	1	1	1	1	1	1	1	1	1	100%
5259	1	1	1	1	1	1	1	1	1	1	100%
5260	1	1	1	1	1	1	1	1	1	1	100%
5261	1	1	1	1	1	1	1	1	1	1	100%
5262	1	1	1	1	1	1	1	1	1	1	100%
5263	1	1	1	1	1	1	1	1	1	1	100%
5264	1	1	1	1	1	1	1	1	1	1	100%
5265	1	1	1	1	1	1	1	1	1	1	100%
5266	1	1	1	1	1	1	1	1	1	1	100%
5267	1	1	1	1	1	1	1	1	1	1	100%
5268	1	1	1	1	1	1	1	1	1	1	100%
5269	1	1	1	1	1	1	1	1	1	1	100%
5270	1	1	1	1	1	1	1	1	1	1	100%
5271	1	1	1	1	1	1	1	1	1	1	100%
5272	1	1	1	1	1	1	1	1	1	1	100%
5273	1	1	1	1	1	1	1	1	1	1	100%





5274	1	1	1	1	1	1	1	1	1	1	100%
5275	1	1	1	1	1	1	1	1	1	1	100%
5276	1	1	1	1	1	1	1	1	1	1	100%
5277	1	1	1	1	1	1	1	1	1	1	100%
5278	1	1	1	1	1	1	1	1	1	1	100%
5279	1	1	1	1	1	1	1	1	1	1	100%
5280	1	1	1	1	1	1	1	1	1	1	100%
5281	1	1	1	1	1	1	1	1	1	1	100%
5282	1	1	1	1	1	1	1	1	1	1	100%
5283	1	1	1	1	1	1	1	1	1	1	100%
5284	1	1	1	1	1	1	1	1	1	1	100%
5285	1	1	1	1	1	1	1	1	1	1	100%
5286	1	1	1	1	1	1	1	1	1	1	100%
5287	1	1	1	1	1	1	1	1	1	1	100%
5288	1	1	1	1	1	1	1	1	1	1	100%
5289	1	1	1	1	1	1	1	1	1	1	100%
5290	1	1	1	1	1	1	1	1	1	1	100%
5291	1	1	1	1	1	1	1	1	1	1	100%
5292	1	1	1	1	1	1	1	1	1	1	100%
5293	1	1	1	1	1	1	1	1	1	1	100%
5294	1	1	1	1	1	1	1	1	1	1	100%
5295	1	1	1	1	1	1	1	1	1	1	100%
5296	1	1	1	1	1	1	1	1	1	1	100%
5297	1	1	1	1	1	1	1	1	1	1	100%
5298	1	1	1	1	1	1	1	1	1	1	100%
5299	1	1	1	1	1	1	1	1	1	1	100%
5300	1	1	1	1	1	1	1	1	1	1	100%
5301	1	1	1	1	1	1	1	1	1	1	100%
5302	1	1	1	1	1	1	1	1	1	1	100%
5303	1	1	1	1	1	1	1	1	1	1	100%
5304	1	1	1	1	1	1	1	1	1	1	100%
5305	1	1	1	1	1	1	1	1	1	1	100%
5306	1	1	1	1	1	1	1	1	1	1	100%
5307	1	1	1	1	1	1	1	1	1	1	100%



5308	1	1	1	1	1	1	1	1	1	1	100%
5309	1	1	1	1	1	1	1	1	1	1	100%
5310	1	1	1	1	1	1	1	1	1	1	100%
5311	1	1	1	1	1	1	1	1	1	1	100%
5312	1	1	1	1	1	1	1	1	1	1	100%
5313	1	1	1	1	1	1	1	1	1	1	100%
5314	1	1	1	1	1	1	1	1	1	1	100%
5315	1	1	1	1	1	1	1	1	1	1	100%
5316	1	1	1	1	1	1	1	1	1	1	100%
5317	1	1	1	1	1	1	1	1	1	1	100%
5318	1	1	1	1	1	1	1	1	1	1	100%
5319	1	1	1	1	1	1	1	1	1	1	100%
5320	1	1	1	1	1	1	1	1	1	1	100%
5321	1	1	1	1	1	1	1	1	1	1	100%
5322	1	1	1	1	1	1	1	1	1	1	100%
5323	1	1	1	1	1	1	1	1	1	1	100%
5324	1	1	1	1	1	1	1	1	1	1	100%
5325	1	1	1	1	1	1	1	1	1	1	100%
5326	1	1	1	1	1	1	1	1	1	1	100%
5327	1	1	1	1	1	1	1	1	1	1	100%
5328	1	1	1	1	1	1	1	1	1	1	100%
5329	1	1	1	1	1	1	1	1	1	1	100%
5330 FH	1	1	1	1	1	1	1	1	1	1	100%
5331	0	0	0	0	0	0	0	0	0	0	0%
5332	0	0	0	0	0	0	0	0	0	0	0%
5334	0	0	0	0	0	0	0	0	0	0	0%
5335	0	0	0	0	0	0	0	0	0	0	0%
5336	0	0	0	0	0	0	0	0	0	0	0%
Data da Barat 140			200141				41.1				

Detection Bandwidth = FH - FL = 5330MHz - 5250MHz = 80MHz

EUT 99% Bandwidth = 75.55MHz (see note)

UNII Detection Bandwidth Min. Limit (MHz): 76.00MHz x 100% = 75.55MHz

Note: All UNII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5290MHz. The 99% channel bandwidth is 76.00MHz. (See the 99% BW section of the RF report for further measurement details).

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5.5. Initial Channel Availability Check Time Measurement

5.5.1. Test Limit

The EUT shall perform a Channel Availability Check to ensure that there is no radar operating on the channel. After power-up sequence, receive at least 1 minute on the intended operating frequency.

5.5.2. Test Procedure

- 1. The U-NII devices will be powered on and be instructed to operate on the appropriate U-NII Channel that must incorporate DFS functions. At the same time the EUT is powered on, the spectrum analyzer will be set to zero span mode with a 3 MHz RBW and 3 MHz VBW on the Channel occupied by the radar (Chr) with a 2.5 minute sweep time. The spectrum analyzer's sweep will be started at the same time power is applied to the U-NII device.
- 2. The EUT should not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle.
- 3. Confirm that the EUT initiates transmission on the channel. Measurement system showing its nominal noise floor is marker1.

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5.5.3. Test Result

The EUT does not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle (120.9 sec). Initial beacons/data transmissions are indicated by marker 1 (180.9 sec).

Initial Channel Availability Check Time for 802.11a





5.6. Radar Burst at the Beginning of the Channel Availability Check Time Measurement

5.6.1. Test Limit

In beginning of the Channel Availability Check (CAC) Time, radar is detected on this channel, select another intended channel and perform a CAC on that channel.

5.6.2. Test Procedure

- 1. The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1 dB occurs at the beginning of the Channel Availability Check Time.
- 2. The EUT is in completion power-up cycle (from T0 to T1). T1 denotes the instant when the EUT has completed its power-up sequence. The Channel Availability Check Time commences at instant T1 and will end no sooner than T1 + 60 seconds. A single Burst of one of Short Pulse Radar Types 0-4 at DFS Detection Threshold + 1 dB will commence within a 6 second window starting at T1.
- 3. Visual indication on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of emissions at 5300MHz (for 802.11a) will continue for 2.5 minutes after the radar Burst has been generated. Verify that during the 2.5 minutes measurement window no EUT transmissions occurred at 5300MHz (for 802.11a).

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5.6.3. Test Result

Radar Burst at the Beginning of the Channel Availability Check Time for 802.11a





5.7. Radar Burst at the End of the Channel Availability Check Time Measurement

5.7.1. Test Limit

In the end of Channel Availability Check (CAC) Time, radar is detected on this channel, select another intended channel and perform a CAC on that channel.

5.7.2. Test Procedure

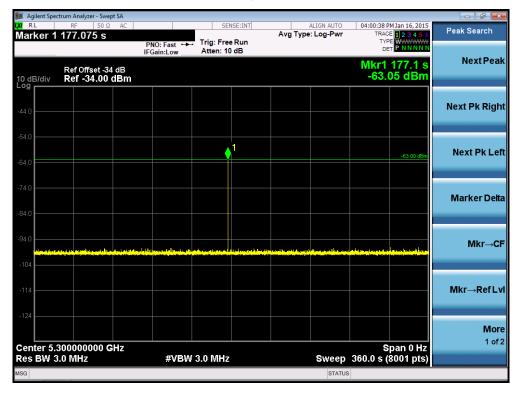
- 1. The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1 dB occurs at the beginning of the Channel Availability Check Time.
- 2. The EUT is powered on at T0. T1 denotes the instant when the EUT has completed its power-up sequence. The Channel Availability Check Time commences at instant T1 and will end no sooner thanT1 + 60 seconds. A single Burst of one of Short Pulse Radar Types 0-4 at DFS Detection Threshold + 1 dB will commence within a 6 second window starting at T1+ 54 seconds.
- 3. Visual indication on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of emissions at 5300MHz (for 802.11a) will continue for 2.5 minutes after the radar Burst has been generated. Verify that during the 2.5 minutes measurement window no EUT transmissions occurred at 5300MHz (for 802.11a).

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5.7.3. Test Result

Radar Burst at the End of the Channel Availability Check Time for 802.11a





5.8. In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Measurement

5.8.1. Test Limit

The EUT has In-Service Monitoring function to continuously monitor the radar signals. If the radar is detected, must leave the channel (Shutdown). The Channel Move Time to cease all transmissions on the current channel upon detection of a Radar Waveform above the DFS Detection Threshold within 10 sec. The total duration of Channel Closing Transmission Time is 260ms, consisting of data signals and the aggregate of control signals, by a U-NII device during the Channel Move Time. The Non-Occupancy Period time is 30 minute during which a Channel will not be utilized after a Radar Waveform is detected on that Channel.

5.8.2. Test Procedure Used

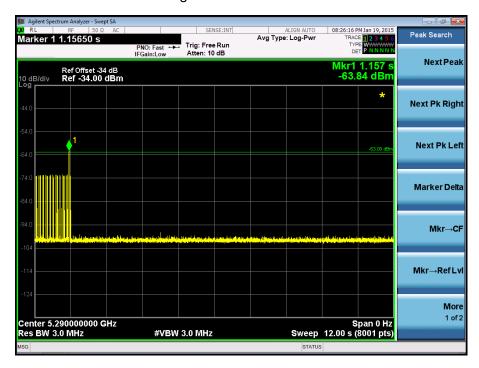
- 1. The test should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0.
- 2. When the radar burst with a level equal to the DFS Detection Threshold + 1dB is generated on the Operating Channel of the U-NII device. A U-NII device operating as a Master Device will associate with the Client Device at Channel. Stream the MPEG test file from the Master Device to the Client Device on the selected Channel for the entire period of the test. At time T0 the Radar Waveform generator sends a Burst of pulses for each of the radar types at Detection Threshold + 1dB.
- 2. Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the EUT during the observation time (Channel Move Time).
- 3. Measurement of the aggregate duration of the Channel Closing Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (1.5ms) = S (12 sec) / B (8000); where Dwell is the dwell time per spectrum analyzer sampling bin, <math>S is the sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: 80MHz: C (0 ms) = N (0) X Dwell (1.5 ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins showing a U-NII transmission and Dwell is the dwell time per bin.
- 4. Measure the EUT for more than 30 minutes following the channel close/move time to verify that the EUT does not resume any transmissions on this Channel.

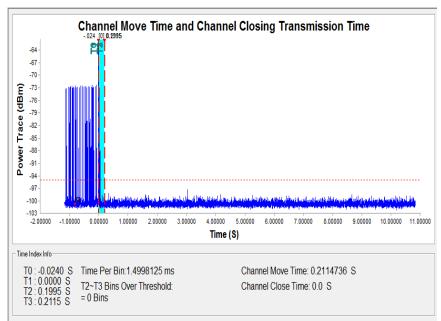
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5.8.3. Test Result

Channel Move Time and Channel Closing Transmission Time for 802.11ac-VHT80







Non-Occupancy Period for 802.11a



Parameter	Test Result	Limit
	Type 0	
Channel Move Time (s)	0.211s	<10s
Channel Closing Transmission Time (ms)	Omo	< 60ma
(Note)	0ms	< 60ms
Non-Occupancy Period (min)	≥ 30min	≥ 30 min

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



5.9. Statistical Performance Check Measurement

5.9.1. Test Limit

The minimum percentage of successful detection requirements found in below table when a radar burst with a level equal to the DFS Detection Threshold + 1dB is generated on the Operating Channel of the U-NII device (In- Service Monitoring).

Radar Type	Minimum Number of Trails	Detection Probability
0	30	Pd > 60%
1	30(15 of test A and 15 of test B)	Pd > 60%
2	30	Pd > 60%
3	30	Pd > 60%
4	30	Pd > 60%
Aggregate (Radar Types 1-4)	120	Pd > 80%
5	30	Pd > 80%
6	30	Pd > 70%

The percentage of successful detection is calculated by:

(Total Waveform Detections / Total Waveform Trails) * 100 = Probability of Detection Radar Waveform In addition an aggregate minimum percentage of successful detection across all Short Pulse Radar Types 1-4 is required and is calculated as follows: (Pd1 + Pd2 + Pd3 + Pd4) / 4.

5.9.2. Test Procedure

- 1. Stream the MPEG test file from the Master Device to the Client Device on the test Channel for the entire period of the test.
- 2. At time T0 the Radar Waveform generator sends the individual waveform for each of the Radar Types 1-6, at levels equal to the DFS Detection Threshold + 1dB, on the Operating Channel.
- 3. Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 10 seconds for Short Pulse Radar Types 0 to ensure detection occurs.
- 4. Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 22 seconds for Long Pulse Radar Type 5 to ensure detection occurs.
- 5. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trial runs.
- 6. The Minimum number of trails, minimum percentage of successful detection and the average minimum percentage of successful detection are found in below table.

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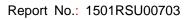
5.9.3. Test Result

Statistical Performance Check for 802.11a

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5290	1	638	83	1
2	5290	1	858	62	1
3	5290	1	818	65	1
4	5290	1	678	78	1
5	5290	1	718	74	1
6	5290	1	758	70	1
7	5290	1	938	57	1
8	5290	1	618	86	1
9	5290	1	3066	18	1
10	5290	1	658	81	1
11	5290	1	598	89	1
12	5290	1	898	59	1
13	5290	1	698	76	1
14	5290	1	518	102	1
15	5290	1	578	92	1
16	5290	1	1254	43	1
17	5290	1	1792	30	1
18	5290	1	1263	42	1
19	5290	1	2085	26	1
20	5290	1	2603	21	1
21	5290	1	1465	37	1
22	5290	1	531	100	1
23	5290	1	1661	32	1
24	5290	1	1436	37	1
25	5290	1	2578	21	1
26	5290	1	2755	20	1
27	5290	1	1735	31	1
28	5290	1	1394	38	1
29	5290	1	2526	21	1
30	5290	1	1092	49	1
	Det	ection Percentage	(%)		100%

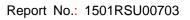
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Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5300	1.6	225	24	1
2	5300	2.3	193	23	1
3	5300	3.0	157	24	1
4	5300	3.3	210	28	1
5	5300	4.2	165	28	1
6	5300	3.1	196	28	1
7	5300	3.4	219	26	1
8	5300	1.8	214	26	1
9	5300	2.1	224	28	1
10	5300	1.5	183	29	1
11	5300	3.2	198	23	1
12	5300	3.4	176	27	1
13	5300	2.3	174	28	1
14	5300	1.2	222	27	1
15	5300	2.8	197	28	1
16	5300	2.4	164	27	1
17	5300	3.0	222	25	1
18	5300	3.4	214	28	1
19	5300	2.1	201	29	1
20	5300	1.1	164	23	1
21	5300	4.1	211	27	1
22	5300	1.9	191	27	1
23	5300	1.4	164	25	1
24	5300	1.7	203	23	1
25	5300	1.8	157	23	1
26	5300	4.4	175	24	1
27	5300	2.8	218	29	1
28	5300	2.4	167	23	0
29	5300	3.9	174	23	1
30	5300	2.2	226	23	1
	Det	ection Percentage	(%)		96.7%





Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5310	6.0	309	16	1
2	5310	8.4	443	16	1
3	5310	6.2	346	16	1
4	5310	9.8	304	17	1
5	5310	7.0	272	18	1
6	5310	9.8	310	16	1
7	5310	7.6	494	17	1
8	5310	7.8	451	16	1
9	5310	9.0	319	18	1
10	5310	6.2	389	18	1
11	5310	9.0	281	16	1
12	5310	8.1	296	18	1
13	5310	8.5	460	16	1
14	5310	7.5	416	16	0
15	5310	8.2	440	18	1
16	5310	7.8	274	18	1
17	5310	6.0	436	16	1
18	5310	6.3	448	18	1
19	5310	8.5	275	18	1
20	5310	8.9	376	18	1
21	5310	9.2	381	16	1
22	5310	9.5	361	18	1
23	5310	9.5	265	18	1
24	5310	6.0	303	18	1
25	5310	10.0	396	18	1
26	5310	6.4	465	17	1
27	5310	7.1	363	16	1
28	5310	8.9	423	16	1
29	5310	7.6	457	17	0
30	5310	9.4	306	17	1
	Det	ection Percentage	(%)		96.7%



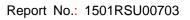
Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5310	13.5	383	15	1
2	5310	11.5	331	16	1
3	5310	11.6	328	13	1
4	5310	15.5	268	14	1
5	5310	13.9	290	13	1
6	5310	15.5	430	13	1
7	5310	18.9	327	15	1
8	5310	18.8	401	15	1
9	5310	17.5	456	14	1
10	5310	15.1	310	14	1
11	5310	17.8	329	14	1
12	5310	16.2	292	14	1
13	5310	17.7	382	15	1
14	5310	17.6	386	16	1
15	5310	16.9	251	15	1
16	5310	16.6	404	12	1
17	5310	15.2	367	15	1
18	5310	12.0	424	12	1
19	5310	15.8	422	13	1
20	5310	13.6	439	12	1
21	5310	12.9	392	15	1
22	5310	17.4	396	16	1
23	5310	13.3	355	12	1
24	5310	15.9	326	14	1
25	5310	16.7	448	13	1
26	5310	19.2	291	14	1
27	5310	16.0	287	16	1
28	5310	12.7	265	16	1
29	5310	13.7	379	15	1
30	5310	15.5	480	13	1
	Dete	ction Percentage	e (%)		100%

Note: In addition an average minimum percentage of successful detection across all four Short pulse radar test

waveforms is as follows: $\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4} = (100\% + 96.7\% + 96.7\% + 100\%)/4 = 98.35\% (>80\%)$

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Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq.	1=Detection	Trail #	Test Freq.	1=Detection
	(MHz)	0=No Detection		(MHz)	0=No Detection
1	5310	1	16	5310	1
2	5310	1	17	5310	1
3	5310	1	18	5310	1
4	5310	1	19	5310	1
5	5310	1	20	5310	1
6	5310	1	21	5310	1
7	5310	1	22	5310	1
8	5310	1	23	5310	1
9	5310	1	24	5310	1
10	5310	1	25	5310	1
11	5310	1	26	5310	1
12	5310	1	27	5310	1
13	5310	1	28	5310	1
14	5310	1	29	5310	1
15	5310	1	30	5310	1
	Det	ection Percentage	(%)		100%

				Туре	5 Radar V	Vaveforn	n_1						
Waveform Num = 1 Num of Bursts = 10 Burst Interval (us)= 1200000													
Burst #	Off Time (us) 517359	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)			
1		1	20	55	1155	0	0	517359	0	1199999			
2	1316094	1	11	80	1745	0	0	1834608	1200000	2399999			
3	808680	1	12	65	1512	0	0	2645033	2400000	3599999			
4	1572958	2	11	60	1699	1471	0	4219503	3600000	4799999			
5	1601221	3	17	85	1158	1459	1826	5823894	4800000	5999999			
6	808171	2	13	55	1738	1774	0	6636508	6000000	7199999			
7	1068734	2	14	50	1655	1562	0	7708754	7200000	8399999			
8	724522	1	18	75	1449	0	0	8436493	8400000	9599999			
9	1619378	2	19	80	1453	1507	0	10057320	9600000	10799999			
10	1177167	2	15	90	1186	1807	0	11237447	10800000	11999999			

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				Туре	5 Radar V	Vavefori	n_2			
veform Nu m of Burs	um = 2 pts = 20 eval (us) = 60000 off Time (us) 529516									
rst Inter rst	val (us)= 60000	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst E Interval(us) I	nd Burst nterval(us)
	529516	rdises 1	6	50	1456	0	0	529516		599999
		3	16	75	1277	1626	1385	676956		1199999
	690026	2	11	85	1510	1010	0	1371270	1200000	1799999
	663835 946075	1	6	95	1208	0	0	2037625	1800000	239999
	156402	2	14	50	1539	1822	0	2984908	2400000	2999999
	1014176	2	13	60	1516	1541	0	3144671	3000000	3599999
	358428	1	14	70	1504	0	0	4161904		4199999
	462990	1	5	80	1253	0	0	4521836		4799999
	507765	1	19	55	1871	0	0	4986079		5399999
'	507118	2	7 16	65 70	1728 1303	1185 1552	o 1651	5495715 6005746		599999 559999
	901089	2	12	65	1717	1380	0	6911341		7199999
	717333	2	18	50	1758	1514	o o	7631771		7799999
	426640	1	15	100	1367	0	0	8061683		3399999
	905136	1	13	55	1615	0	0	8968186		399999
	45055	3	6	85	1769	1972	1884	9014856		9599999
	697314	2	13	90	1950	1533	0	9717795	9600000	10199999
	992246 506303	1	19	80	1707	0	0	10713524	10200000	10799999
	506303 304445	1	20	100	1312	0	0	11221534	10800000	11399999
al numbe	or of pulses in	3 waveform = 35	5	60	1883	1039	1760	11527291	11400000	11999999

				Type	5 Radar V	Vavefori	n_3			
eform Nu of Burs	sts = 9									
st Inters	rval (us)= 1333: Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us)	 Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us	
	1240924									
	002020	3	9	65	1762	1437	1961	1240924	0	1333332
	992020	3	11	90	1574	1213	1557	2238104	1333333	2666665
	547053			50	2013	1310	2001	2200104	200000	200000
		1	9	70	1208	0	0	2789501	2666666	3999998
	2445860	2	10	100	1000	1000	0	E000E00	9000000	E000004
	410904	2	10	100	1829	1228	v	5236569	3999999	5333331
		1	7	90	1774	0	0	5650530	5333332	6666664
	2146300		-			4010	4			
	648693	3	5	80	1754	1910	1578	7798604	6666665	7999997
	040030	1	7	95	1128	0	0	8452539	7999998	9333330
	1046685		·							
	454500	3	7	95	1183	1088	1389	9500352	9333331	10666663
	1547122	3	14	80	1092	1949	1431	11051194	10666664	11000006
	er of pulses in	waveform = :		80	1082	1243	1431	11051134	10666664	11999996
************	***************************************	<u></u>								
				Туре	5 Radar V	Vavefori	n_4			
st Inter	sts = 10 rval (us)= 12000		ar.	Dir.	Post 4	P1 0	P3 C	C+ · ·	C+ D :	F-1 F :
of Burs st Inter	sts = 10 rval (us)= 12000 Off Time	#	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us	
of Burs st Inter	sts = 10 rval (us)= 12000	# Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us) Interval(us)
of Burs st Inter	sts = 10 rval (us)= 12000 Off Time (us) 89684	#	Chirp (MHz) 6			Pulse 2 Pri(us) 1495				
of Burs st Inter	sts = 10 rwal (us)= 12000 Off Time (us)	# Pulses	(MHz) 6	(us) 95	Pri(us) 1009	Pri(us) 1495	Pri(us)	(us) 89684	Interval (us 0) Interval(us) 1199999
of Burs st Inter	sts = 10 rval (us)= 12000 Off Time (us) 89684	# Pulses 2	(MHz) 6 14	(us) 95 80	Pri(us) 1009 1538	Pri(us) 1495 1641	Pri(us) 0 0	(us) 89684 2183234	Interval (us 0 1200000) Interval(us) 1199999 2399999
of Burs st Inter	sts = 10 rval (us) = 12000 Off Time (us) 89684 2091046 834458	# Pulses 2	(MHz) 6	(us) 95	Pri(us) 1009	Pri(us) 1495	Pri(us) O	(us) 89684	Interval (us 0) Interval(us) 1199999
of Burs st Inter	sts = 10 rval (us) = 12000 Off Time (us) 89684 2091046	# Pulses 2 2	(MHz) 6 14 16	(us) 95 80 95	Pri(us) 1009 1538 1895	Pri(us) 1495 1641 1599	Pri(us) 0 0 1234	(us) 89684 2183234 3020871	Interval (us 0 1200000 2400000) Interval(us) 1199999 2399999 3599999
of Burs st Inter	sts = 10 rval (us) = 12000 Off Time (us) 89684 2091046 834458	# Pulses 2 2 3	(MHz) 6 14 16 14	(us) 95 80 95 85	Pri (us) 1009 1538 1895 1450	Pri(us) 1495 1641 1599 1570	Pri(us) 0 0 1234 1725	(us) 89684 2183234 3020871 4681474	Interval (us 0 1200000 2400000 3600000) Interval(us) 1199999 2399999 3599999 4799999
of Burs st Inter	sts = 10 rval (us) = 12000 Off Time (us) 89684 2091046 834458 1655875 638463	# Pulses 2 2	(MHz) 6 14 16	(us) 95 80 95	Pri(us) 1009 1538 1895	Pri(us) 1495 1641 1599	Pri(us) 0 0 1234	(us) 89684 2183234 3020871	Interval (us 0 1200000 2400000) Interval(us) 1199999 2399999 3599999
of Burs st Inter	sts = 10 rval (us) = 12000 Off Time (us) 89684 2091046 834458 1655875	# Pulses 2 2 3	(MHz) 6 14 16 14	(us) 95 80 95 85	Pri (us) 1009 1538 1895 1450 1351	Pri(us) 1495 1641 1599 1570	Pri(us) 0 0 1234 1725	(us) 89684 2183234 3020871 4681474 5324682	Interval (us 0 1200000 2400000 3600000 4800000) Interval(us) 1199999 2399999 3599999 4799999
of Burs	sts = 10 rval (us) = 12000 Off Time (us) 89684 2091046 834458 1655875 638463	#Pulses 2 2 3 3 3 2	(MHz) 6 14 16 14 7	(us) 95 80 95 85 80 85	Pri(us) 1009 1538 1895 1450 1351 1387	Pri(us) 1495 1641 1599 1570 1381 1839	Pri(us) 0 0 1234 1725 1304 0	(us) 89684 2183234 3020871 4681474 5324682 6061089	Interval (us 0 1200000 2400000 3600000 4800000	1199999 2399999 3599999 4799999 5999999 7199999
of Burs st Inter	sts = 10 rval (us) = 12000 Off Time (us) 89684 2091046 834458 1655875 638463 732371 1960438	# Pulses 2 2 3 3	(MHz) 6 14 16 14	(us) 95 80 95 85 86	Pri (us) 1009 1538 1895 1450 1351	Pri(us) 1495 1641 1599 1570 1381	Pri(us) 0 0 1234 1725 1304	(us) 89684 2183234 3020871 4681474 5324682	Interval (us 0 1200000 2400000 3600000 4800000	1199999 2399999 3599999 4799999 5999999
of Burs st Inter	sts = 10 rval (us) = 12000 Off Time (us) 89684 2091046 834458 1655875 638463 732371 1960438 1244580	#Pulses 2 2 3 3 3 2	(MHz) 6 14 16 14 7	(us) 95 80 95 85 80 85	Pri(us) 1009 1538 1895 1450 1351 1387	Pri(us) 1495 1641 1599 1570 1381 1839	Pri(us) 0 0 1234 1725 1304 0	(us) 89684 2183234 3020871 4681474 5324682 6061089	Interval (us 0 1200000 2400000 3600000 4800000	1199999 2399999 3599999 4799999 5999999 7199999
of Burs st Inter	sts = 10 rval (us) = 12000 Off Time (us) 89684 2091046 834458 1655875 638463 732371 1960438	# Pulses 2 2 3 3 3 2 2 1	(MH2) 6 14 16 14 7 9 10	(us) 95 80 95 85 80 85 90 65	Pri(us) 1009 1538 1895 1460 1361 1387 1097 1571	Pri (us) 1495 1641 1599 1570 1381 1839 1814	Pri(us) 0 0 1234 1725 1304 0 0	(us) 89684 2183234 3020871 4681474 5324682 6061089 8024753 9272244	Interval (us 0 1200000 2400000 3600000 4800000 60000000 72000000 8400000	1199999 2399999 3599999 4799999 5999999 7199999 8399999 95999999
of Burs st Inter	sts = 10 rval (us) = 12000 Off Time (us) 89684 2091046 834458 1655875 638463 732371 1960438 1244580 809341	# Pulses 2 2 3 3 3 2 2	(MHz) 6 14 16 14 7 9	(us) 95 80 95 85 86 80 96	Pri(us) 1009 1538 1895 1450 1351 1387 1097	Pri(us) 1495 1641 1599 1570 1381 1839 1814	Pri(us) 0 0 1234 1725 1304 0	(us) 89684 2183234 3020871 4681474 5324682 6061089 8024753	Interval (us 0 1200000 2400000 3600000 4800000 60000000 72000000	1199999 2399999 3599999 4799999 5999999 7199999 83999999
of Burs st Inter	sts = 10 rval (us) = 12000 Off Time (us) 89684 2091046 834458 1655875 638463 732371 1960438 1244580	# Pulses 2 2 3 3 3 2 2 1	(MH2) 6 14 16 14 7 9 10	(us) 95 80 95 85 80 85 90 65	Pri(us) 1009 1538 1895 1460 1361 1387 1097 1571	Pri (us) 1495 1641 1599 1570 1381 1839 1814	Pri(us) 0 0 1234 1725 1304 0 0	(us) 89684 2183234 3020871 4681474 5324682 6061089 8024753 9272244	Interval (us 0 1200000 2400000 3600000 4800000 60000000 72000000 8400000	1199999 2399999 3599999 4799999 5999999 7199999 8399999 95999999



				Туре	5 Radar W	/aveform	า_5			
Waveform Nu Num of Bur: Burst Inte		0000								
Burst #	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burs Interval(u	
1	1236023	3	8	70	1851	1238	1861	1236023	0	1499999
2	1280532	3	15	80	1078	1038	1569	2521505	1500000	2999999
3	1143197	2	11	70	1226	1640	0	3668387	3000000	4499999
	1864285									
4	817138	2	13	100	1365	1702	0	5535538	4500000	5999999
5	1405161	3	6	85	1641	1010	1238	6355743	6000000	7499999
6	1354050	1	20	60	1584	0	0	7764793	7500000	8999999
7		3	6	75	1741	1722	1822	9120427	9000000	10499999
8	1715391	2	13	95	1962	1332	0	10841103	10500000	11999999
	er of pulses in					lolok:				
							_			
				Type	5 Radar W	<i>l</i> aveform	า_6			
Waveform No Num of Bur: Burst Inte:	um = 6 sts = 17 rval (us)= 7058	382								
Burst #	Off Time (us) 494757	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval (us	
1	452552	2	10	100	1747	1795	0	494757 950851	0	705881 1411763
3	966429	1	12 11	85 50	1957 1126	0 1024	0	950851 1919237	705882 1411764	1411763 2117645
4	554201	2	8	75	1055	1395	0	2475588	2117646	2823527
5	980480 176938	1	16	70	1932	0	0	3458518	2823528	3529409
6	1098267	3	18	65	1952	1308	1534	3637388	3529410	4235291
7	832427	3	18	75	1544	1923	1069	4740449	4235292	4941173
8	541966	3	12	85	1243	1358	1979	5577412	4941174	5647055
9	744250	3	17	75	1951	1846	1754	6123958	5647056	6352937
10	400235	2	13	90	1516	1384	0	6873759	6352938	7058819
11	1021568	3	17	70	1100	1520	1545	7276894	7058820	7764701
12	233426	2	5	90	1439	1652	0	8302627	7764702	8470583
13	1013429	2	8	100	1202	1348	0	8539144	8470584	9176465
14	783992	1	19	55	1181	0	0	9555123	9176466	9882347
15	804251	2	18	90	1205	1261	0	10340296	9882348	10588229
16	314410	2	18	65	1823	1290	0	11147013	10588230	11294111
17 otal numb total numb	er of pulses in	3 n waveform = : 	19 37 199999999	50	1718	1625 ⊶÷	1606	11464536	11294112	11999993
				Type	5 Radar W	/aveform	1 7			
	- 2			.,,,,	o itaaai i		<u>'-'</u>			
C W.										
um of Burs		909					D1 0	C	Start Burst	End Burst
um of Burs urst Inter	sts = 11 rval (us)= 1090 Off Time (us)	909 # Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Interval (us)	Interval (us)
um of Burs urst Inter urst	sts = 11 rval (us)= 1090 Off Time (us) 169936	#	Chirp (MHz) 15		Pulse 1 Pri(us) 1130	Pulse 2 Pri(us) 1999	Pri(us)		Interval (us) 0	Interval (us) 1090908
um of Burs urst Inter urst	sts = 11 rval (us)= 1090 Off Time (us) 169936 998522	# Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	
um of Burs urst Inter urst 1	ets = 11 eval (us) = 1090 Off Time (us) 169936 998522 1079048	# Pulses 2	(MHz) 15	(us) 60	Pri(us) 1130	Pri(us) 1999	Pri(us) O	(us) 169936	Interval (us)	1090908
um of Burs urst Inter urst 1 2	sts = 11 rval (us)= 1090 Off Time (us) 169936 998522 1079048 1223181	# Pulses 2 1	(MHz) 15 5	(us) 60 50	Pri(us) 1130 1565	Pri(us) 1999 O	Pri(us) O O	(us) 169936 1171587	Interval (us) 0 1090909	1090908 2181817
fum of Burs furst Inter furst 1 2 3	ets = 11 eval (us) = 1090 Off Time (us) 169936 998522 1079048	#Pulses 2 1 2	(MHz) 15 5 16 12	(us) 60 50 75 60	Pri(us) 1130 1565 1997 1961	Pri(us) 1999 0 1933	Pri(us) 0 0 0 0	(us) 169936 1171587 2252200 3479311	Interval (us) 0 1090909 2181818 3272727	1090908 2181817 3272726 4363635
um of Burs urst Inter urst 1 2 3 4	sts = 11 rval (us)= 1090 Off Time (us) 169936 998522 1079048 1223181	#Pulses 2 1 2 1	(MHz) 15 5 16 12	(us) 60 50 75 60 90	Pri(us) 1130 1565 1997 1961 1015	Pri(us) 1999 0 1933 0	Pri(us) 0 0 0 0 0	(us) 169936 1171587 2252200 3479311 4819560	Interval (us) 0 1090909 2181818 3272727 4363636	1090908 2181817 3272726 4363635 5454544
um of Burs urst Inter urst 1 2 3 4 5	sts = 11 rval (us) = 1090 Off Time (us) 169936 998522 1079048 1223181 1338288	# Pulses 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	(MHz) 15 5 16 12 19	(us) 60 50 75 60 90	Pri(us) 1130 1565 1997 1961 1015 1479	Pri(us) 1999 0 1933 0 0 1287	Pri(us) 0 0 0 0 0 0 0	(us) 169936 1171587 2252200 3479311 4819560 6104620	Interval (us) 0 1090909 2181818 3272727 4363636 5454545	1090908 2181817 3272726 4363635 5454544 6545453
num of Burs turst Inter turst 2 3 4 5	sts = 11 rval (us) = 1090 Off Time (us) 169936 998522 1079048 1223181 1338288 1284045 747785	#Pulses 2 1 2 1	(MHz) 15 5 16 12	(us) 60 50 75 60 90	Pri(us) 1130 1565 1997 1961 1015	Pri(us) 1999 0 1933 0	Pri(us) 0 0 0 0 0	(us) 169936 1171587 2252200 3479311 4819560	Interval (us) 0 1090909 2181818 3272727 4363636	1090908 2181817 3272726 4363635 5454544
um of Burs urst Inter urst 1 2 3 4 5 6	sts = 11 rval (us) = 1090 Off Time (us) 169936 998522 1079048 1223181 1338288 1284045 747785 1581445	# Pulses 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	(MHz) 15 5 16 12 19	(us) 60 50 75 60 90	Pri(us) 1130 1565 1997 1961 1015 1479	Pri(us) 1999 0 1933 0 0 1287	Pri(us) 0 0 0 0 0 0 0	(us) 169936 1171587 2252200 3479311 4819560 6104620	Interval (us) 0 1090909 2181818 3272727 4363636 5454545	1090908 2181817 3272726 4363635 5454544 6545453
Num of Burs burst Inter 2 3 4 5 6 7	sts = 11 rval (us) = 1090 Off Time (us) 169936 998522 1079048 1223181 1338288 1284045 747785 1581445 691667	# Pulses 2 1 2 1 2 3	(MHz) 15 5 16 12 19 10 20	(us) 60 50 75 60 90 90	Pri (us) 1130 1565 1997 1961 1015 1479 1798	Pri(us) 1999 0 1933 0 0 1287 1159	Pri(us) 0 0 0 0 0 0 0 1871	(us) 169936 1171587 2252200 3479311 4819560 6104620 6855171	Interval (us) 0 1090909 2181818 3272727 4363636 5454545 6545454	1090908 2181817 3272726 4363635 5454544 6545453 7636362
Surst 1 2 3 4 5 6 7 8	sts = 11 rval (us) = 1090 Off Time (us) 169936 998522 1079048 1223181 1338288 1284045 747785 1581445	# Pulses 2 1 2 1 2 1 2 2 2 2 2 2	(MHz) 15 5 16 12 19 10 20 13 11	(us) 60 50 75 60 90 90 85	Pri (us) 1130 1565 1997 1961 1015 1479 1798 1033 1417	Pri(us) 1999 0 1933 0 0 1287 1159 1963 1094	Pri(us) 0 0 0 0 0 0 1871 0	(us) 169936 1171587 2252200 3479311 4819560 6104620 6855171 8441444 9136107	Interval (us) 0 1090909 2181818 3272727 4363636 5454545 6545454 7636363 8727272	1090908 2181817 3272726 4363635 5454544 6545453 7636362 8727271 9818180
Num of Burs durst Inter 1 2 3 4 5 6 7	sts = 11 rval (us) = 1090 Off Time (us) 169936 998522 1079048 1223181 1338288 1284045 747785 1581445 691667	# Pulses 2 1 2 1 1 2 3 2	(MHz) 15 5 16 12 19 10 20 13	(us) 60 50 75 60 90 90 85	Pri (us) 1130 1565 1997 1961 1015 1479 1798 1033	Pri(us) 1999 0 1933 0 0 1287 1159 1963	Pri(us) 0 0 0 0 0 0 0 1871	(us) 169936 1171587 2252200 3479311 4819560 6104620 6855171 8441444	Interval (us) 0 1090909 2181818 3272727 4363636 5454545 6545454 7636363	1090908 2181817 3272726 4363635 5454544 6545453 7636362 8727271



				Type	5 Radar V	vavelorn	1_0			
weform Nu m of Burs rst Inter		143								
rst	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	307402	1	16	90	1907	0	0	307402	0	857142
	753369	3	12	60	1901	1223	1376	1062678	857143	1714285
	951691	2	17	90	1008	1909	0	2018869	1714286	2571428
	827736	1	17	65	1418	0	0	2849522	2571429	3428571
	1360177	2	5	70	1399	1823	0	4211117	3428572	4285714
	194859	3					-			
	1474397		12	75	1576	1776	1480	4409198 5888427	4285715	5142857
	251576	3	10	95	1302	1965	1878		5142858	6000000
	1045296	2	11	95	1122	1403	0	6145148	6000001	6857143
	855527	1	11	75	1417	0	0	7192969	6857144	7714286
)	723031	2	20	60	1154	1621	0	8049913	7714287	8571429
1	1491725	2	6	95	1283	1850	0	8775719	8571430	9428572
2	640727	1	11	65	1675	0	0	10270577	9428573	10285715
3	787033	1	15	95	1703	0	0	10912979	10285716	11142858
i tal number	r of pulses ir	3 waveform = 3	16	55	1017	1024	1574	11701715	11142859	12000001
elelelelelelele	or barses in			**********		*=				
				Туре	5 Radar V	Vaveforn	n_9			
reform Nu n of Burs	um = 9 ts = 19 val (us)= 631	579								
rst	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us	End Burst Interval(u
	214522	ruises 3	15	50	1908	1177	1146	214522	O O	631578
	989245	1	13	55	1216	0	0	1207998	631579	1263157
	676652	1	6	75	1462	0	0	1885866	1263158	1894736
	66105 988964	1	11	65	1388	0	0	1953433	1894737	2526315
	604586	3	6	50	1509	1482	1281	2943785	2526316	3157894
	682907	2	8	85	1331	1327	0	3552643	3157895	3789473
	619710	2	9 5	95 50	1408 1984	1676 0	0	4238208 4861002	3789474 4421053	4421052 5052631
	455819	1	6	100	1603	0	0	5318805	5052632	5684210
>	811780	1	15	100	1342	0	0	6132188	5684211	6315789
L	577105 589931	1	15	65	1026	0	0	6710635	6315790	6947368
2	339092	3	11	90	1061	1200	1815	7301592	6947369	7578947
3	653868	2	12	95	1241	1059	0	7644760	7578948	8210526
1 5	891913	3	11 5	60 80	1926 1108	1491 1375	1729 1594	8300928 9197987	8210527 8842106	8842105 9473684
5	753051	3	10	85	1460	1774	1097	9955115	9473685	10105263
7	182374	2	19	100	1655	1874	0	10141820	10105264	10736842
3	811939 635172	1	9	60	1353	0	0	10957288	10736843	11368421
etal numbe:		3 a waveform =	18 37 +++++++++++++++++++++++++++++++++++	65	1920	1659 +++	1775	11593813	11368422	12000000
				Type !	5 Radar W	/aveform	10			
eform Nur of Burs	m = 10									
st Inter	val (us)= 1090 Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Ştart Loc	Start Burst	End Burst
	(us) 783229	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)		Interval (us)
	1137166	1	12	75	1059	0	0	783229	0	1090908
		1	20	95	1001	0	0	1921454	1090909	2181817
	1120760	2	13	50	1338	1726	0	3043215	2181818	3272726
	966781	1	6	100	1750	0	0	4013060	3272727	4363635
	421035									
	1591926	1	8	65	1289	0	0	4435845	4363636	5454544
	586665	1	10	55	1720	0	0	6029060	5454545	6545453
		2	10	95	1461	1236	0	6617445	6545454	7636362
	1606167	2	19	70	1281	1822	0	8226309	7636363	8727271
	1376912									
		1	13	100	1182	0	0	9606324	8727272	9818180
	639836						101E	10048040		
)	639836 841724	3	7	70	1616	1585	1015	10247342	9818181	10909089



				Туре	5 Radar V	Vaveforn	n_11			
	Num = 11									
	rsts = 8 erval (us)= 1500	000								
ırst	Off Time	# Pulses	Chirp (MHz)	P₩ (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	869080	2	14	85	1828	1412	0	869080	0	1499999
	1788969	1	19	60	1745	0	0	2661289	1500000	2999999
	1532375	2	8	55	1525	1007	0	4195409	3000000	4499999
	323459	2	15	50	1890	1738	0	4521400	4500000	5999999
	1542731									
	2658442	3	12	80	1564	1018	1132	6067759	6000000	7499999
	397864	2	18	65	1090	1958	0	8729915	7500000	8999999
	1394493	1	12	50	1949	0	0	9130827	9000000	10499999
11		3	17	55	1847	1957	1585	10527269	10500000	11999999
	ber of pulses in Mondolpholpholph				 	*				
				Type	5 Radar V	Vaveforn	n_12			
	Num = 12									
rst Inte	rsts = 11 erval (us)= 1090									
rst	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	636296	3	6	90	1050	1959	1236	636296	0	1090908
	1410131 648749	2	20	60	1997	1192	0	2050672	1090909	2181817
	710572	3	15	65	1589	1190	1937	2702610	2181818	3272726
	1557753	1	20	55	1519	0	0	3417898	3272727	4363635
	1091032	1	10	65	1320	0	0	4977170	4363636	5454544
	983654	3	9	80	1678	1681	1635	6069522	5454545	6545453
	1524643	1	13	90	1261	0	0	7058170	6545454	7636362
	383663	3	18	80	1641	1572	1373	8584074	7636363	8727271
	1523016	2	19	95	1119	1222	0	8972323	8727272	9818180
	1106554	3	11	85	1125	1813	1001	10497680	9818181	10909089
l tal numl	ber of pulses in	2 waveform = 2	16 24	80	1242	1833	Ų	11608173	10909090	11999998
	1-									
				Type	5 Radar V	Vaveforn	n_13			
	Num = 13 ursts = 15									
st Int	erval (us)= 8000	000 #	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burs	t End Burst
	(us) 660611	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (u:	s) Interval(us)
	348990	1 2	9 5	75 50	1030 1289	0 1783	0	660611 1010631	0 800000	799999 1599999
	1316081 815320	2	6	65	1242	1224	0	2329784	1600000	2399999
	183011	1	7	100	1911	0	0	3147570	2400000	3199999
	1112532	2	14 6	100 75	1202 1589	1878 0	0	3332492 4448104	3200000 4000000	3999999 4799999
	397379	3	8	80	1773	1713	1088	4847072	4800000	5599999
	1470410 861486	3	18	70	1247	1965	1371	6322056	5600000	6399999
	302825	3	20	65	1516	1162	1071	7188125	6400000	7199999
		3 1	15 6	65 95	1261 1291	1134 0	1102 0	7494699 8616912	7200000 8000000	7999999 8799999
	1118716		_			1643	1821	8989964	8800000	9599999
1	371761	3	20	85	1036					
1 2	371761 681649		20 13	85 60	1036	0	0	9676113	9600000	10399999
0 1 2 3 4	371761	3								

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				Type !	5 Radar W	aveform	_14			
eform N	iim = 14									
of Bur	um - 14 sts = 10 rval (us)= 1200	000								
st	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	490307	2	11	80	1200	1903	0	490307	0	1199999
	993949	2	7	70	1162	1884	0	1487359	1200000	2399999
	1754811	2	15	85	1415	1823	0	3245216	2400000	3599999
	771511	1	6	60	1276	0	0	4019965	3600000	4799999
	827057	1	13	50	1886	0	0	4848298	4800000	5999999
	1322637	3		90		1484	1053	6172821	6000000	7199999
	1907703		10		1269					
	1006347	1	8	50	1130	0	0	8084330	7200000	8399999
	1577053	1	16	65	1975	0	0	9091807	8400000	9599999
	299758	3	20	60	1932	1853	1323	10670835	9600000	10799999
al numb	er of pulses in	1 waveform = 1	14 7	100	1491	0	0	10975701	10800000	11999999
						t= *				
				Tomas	- Doden M	la	45			
				Type :	5 Radar W	averorm	_15			
n of Bur	Num = 15 ssts = 13 erval (us)= 9230	077								
rst	Off Time (us) 284605	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
		3	20	75	1475	1037	1758	284605	0	923076
	1372935 730716	3	18	65	1405	1689	1291	1661810	923077	1846153
	936936	1	7	50	1179	0	0	2396911	1846154	2769230
	1080934	3	14	60	1212	1762	1339	3335026	2769231	3692307
	725088	3	19	65	1477	1666	1589	4420273	3692308	4615384
	814586	3	7	95	1376	1445	1131	5150093	4615385	5538461
	1113916	1	11	85	1962	0	0	5968631	5538462	6461538
	337282	1 3	16 5	100 95	1339 1800	0 1604	0 1557	7084509 7423130	6461539 7384616	7384615 8307692
)	1682378	1	14	90	1768	0	1001	9110469	7384616 8307693	9230769
, L	656199	2	16	55	1042	1694	0	9768436	9230770	10153846
2	536359	3	6	70	1331	1106	1886	10307531	10153847	11076923
3	1498834	2	15	50	1595	1694	0	11810688	11076924	12000000
tal numb	per of pulses in	n waveform = 2 	9 **************	1010101010101010		!= *				
				Type \$	5 Radar W	aveform	_16			
	Jum = 16									
st Inte	sts = 10 erval (us)= 1200			T-14					a	
st	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	787758	2	10	50	1039	1394	0	787758	0	1199999
	755930	1	15	90	1508	0	0	1546121	1200000	2399999
	1796531	2	11	75	1932	1129	0	3344160	2400000	3599999
	977831	1	5	95	1688	0	0	4325052	3600000	4799999
	488065	3	6	50	1866	1746	1495	4814805	4800000	5999999
	1488759	2	6	60	1633	1269	0	6308671	6000000	7199999
	1183515	1	7	90	1532	0	0	7495088	7200000	8399999
	1577568		10	70		0	0	9074188	8400000	9599999
	1117642	1			1251					
		1	17	55	1016	0	0	10193081	9600000	10799999
)	1729907	2	6	85	1843	1997	0	11924004	10800000	11999999



Condense Parker Content Parker Content Parker Parker Content Parker Content Parker Parker Content Parker Par					Type :	5 Radar W	laveform	_17			
Martin	m of Burs	ts = 18	67								
		Off Time	#	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc	Start Burst Interval(us)	End Burst Interval(us)
Company Comp		638662									
Volume					65		1303	0	1204693	666667	1333333
C4.0001		724272									
		543061									
0.00014		555977									
1,2071-468		304914									
1,000000		1267148									
		102696									
		834974									
		936480									
)	644132									
	_		3	16	100	1991	1501	1773	7150264	6666670	7333336
1000774	2		3	14	85	1636	1265	1939	7448511	7333337	8000003
	3		3	19	100	1352	1891	1554	8273832	8000004	8666670
	1		1	17	75	1702	0	0	9279403	8666671	9333337
	5		1	14	65	1337	0	0	9816253	9333338	10000004
### Command 10 10 10 10 10 10 10 1	3		2	11	50	1428	1970	0	10053125	10000005	10666671
Type 5 Radar Waveform_18 ***Type 5 Radar Waveform_19 ***Type 5 Radar Wav	7		2	9	70	1150	1220	0	10965708	10666672	11333338
### Part					85	1704	1066	1775	11461590	11333339	12000005
reform Num. = 18, or Party - (10) = 70000000000000000000000000000000000	al numbe	r of pulses in	waveform = 4	.0							
## Off Parkets - 17 **TOTAL PARKET - 19 **TOTAL P					Type	5 Radar W	/aveform	<u></u>			
## OFF Time # Police Chird Police Chird Police Chird Police Chird Police Po											
## 1990 Park Case Case Case Park Case Park Case Park Case Park Case Park Case Park Case Park Park Case Park Case Park	rst Inter	val (us)= 7058	882								
9790068	:st	Off Time	# Pulses	Chirp (MHz)		Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us
PTOOR		276475	3	10	60			1991	276475	0	
173112		979068									
1.068786		173112									
500282		1098786									
1062400 1		530252									
### 144194 3 8 90 1743 1368 1487 4130600 3529410 423528 494117 1942934 3 17 75 1434 1052 1541 5523790 4941174 564705 50074 1 16 75 1273 0 0 0 6154001 5647056 635293 043477 1 16 75 1273 0 0 0 6154001 5647056 635293 043477 1 16 75 1273 0 0 0 6154001 5647056 635293 043477 1 16 75 1273 0 0 0 6154001 5647056 635293 043477 1 16 75 1273 0 0 0 6154001 5647056 635293 043477 1 16 75 1274 0 0 0 8441031 7764702 847058 19032 1 16 70 1214 0 0 0 8441031 7764702 847058 19032 1 1 16 70 1214 0 0 0 8441031 7764702 847058 19032 1 1 17 80 1703 0 0 0 9693131 9176466 988234 190537 2 13 65 1330 1599 0 10080171 9882348 105882 7675047 2 14 90 1350 1657 0 10613587 1058230 11294 101 101 101 101 101 101 101 101 101 10											3529409
## 1342934 2 6 80 1722 1302 0 4283832 428522 464117			3	8	90	1743	1358	1487	4135050	3529410	4235291
## S02274 3 17 75 1434 1062 1541 6639790 4941174 564705 6435276 643477 1 1 16 75 1273 0 0 0 6154061 5647056 635228 7054871 842034 3 5 100 1481 1227 1667 6798841 6552938 705881 842034 3 5 5 50 1008 1343 1179 7645130 705882 7764702 847058 1106227 1 166 70 1214 0 0 0 8441031 7764702 847058 1106227 1 166 70 1214 0 0 0 8441031 7764702 847058 1106228 3 5 5 55 1385 1001 1592 8602872 8470584 917646 968234 3 5 5 65 1385 1001 1592 8602872 8470584 917646 968234 3 10 170 0 0 9693131 9176464 968234 3 10582 7760467 2 14 90 1336 10582 0 100605171 9882348 105882 7767300 2 17 965 1995 1370 0 10615887 1058823 1128411 119999			2	6	80	1722	1302	0	4283832	4235292	4941173
## ## ## ## ## ## ## ## ## ## ## ## ##			3	17	75	1434	1052	1541	5629790	4941174	5647055
## 494094 0			1	16	75	1273	0	0	6154091	5647056	6352937
### ##################################	,	643477									7058819
Total		842034									
100627		792311									
1086281 3 5 55 1385 1001 1592 8602872 8470584 917646 317646 365337 2 13 65 1330 1599 0 10060171 9882348 105882 750487 2 14 90 1336 1057 0 10613587 1058220 1129411 1129411 112941 1129411 112941 1129411 1129411 1129411 1129411 1129		160627									
1											9176465
Toole			1	17	80	1703	0	0	9693131	9176466	9882347
Type 5 Radar Waveform_19 Type 6 Type 5 Radar Waveform_19 Type 5 Radar Waveform_19 Type 6 Ty	i		2	13	65	1330	1599	0	10060171	9882348	10588229
Type 5 Radar Waveform_19 **Type 6 Radar Waveform_19 **Type 6 Radar Waveform_19 **Type 6 Radar Waveform_19 **Type 6 Radar Waveform_19 **Type 7 Radar Waveform_19 **Ty	;		2	14	90	1336	1057	0	10813587	10588230	11294111
Type 5 Radar Waveform_19		757300									11999993
form Num = 19 of Bursts = 16 st Interval (us) = 750000 st Interval (us) = 7500000 st Interval (us) = 750000 st Interval (u		or of pulses in		37				Ŭ	11913200	11254112	1100000
form Num = 19 of Bursts = 16 st Interval (us) = 750000 st Interval (us) = 7500000 st Interval (us) = 750000 st Interval (u					Type :	5 Radar W	/aveform	_19			
st Interval (us) = 750000 st Off Time	eform Nu	m = 19						_			
SOOSOO	st Inter	val (us)= 7500									
SOOSOO	st	(us)		Chirp (MHz)		Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
ST6996											
1156164 688732		375936									
688732 455795 1 16 70 1617 0 0 0 161893 300000 3749999 1103534 1 172029 1 101334 1 14 95 1952 0 0 0 4273344 375000 4499999 4499999 603134 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		1156164									
456795 2 15 50 1564 1193 0 2709651 225000 29999999999999999999999999999999											
1 16 70 1617 0 0 3168193 3000000 3749999 712029 1 7 55 1725 0 0 4273344 3750000 4499999 603134 1 95 1952 0 0 4887098 4500000 5249999 767851 3 7 70 1247 0 0 5592184 525000 5999999 6051740 3 7 90 1971 1167 1638 6361282 600000 6749999 678779 3 19 65 1766 1320 1974 6867798 675000 7499999 982310 982310 15 55 1862 1396 1103 0 7551627 750000 8249999 797786 1 15 55 1862 1383 1372 8536436 825000 89999999999999999999999999999999999			2	15	50	1554	1193	0	2709651	2250000	2999999
1103544 712029 1 7 55 1725 0 0 0 4273344 375000 4499999 712029 603134 1 14 95 1952 0 0 0 4987098 450000 5249999 767851 501740 678779 982310 2 19 95 1396 1103 0 7551627 750000 8249999 982310 3 15 55 1662 1383 1372 8586436 825000 899999 797786 1023598 170 80 1931 1296 1220 10363961 975000 10499999 1728111			1	16	70	1617	0	0	3168193	3000000	3749999
712029 603134 1 14 95 1952 0 0 0 4987098 450000 5249999 603134 767851 1 7 70 1247 0 0 0 5592184 525000 5999999 501740 678779 982310 2 19 95 1396 1103 0 7551627 750000 8249999 982310 3 15 55 1662 1383 1372 856436 825000 8999999 797786 1023598 370732 2 13 50 1867 1228 0 10739140 1050000 11249999 788111			1		55	1725	0	0	4273344	3750000	4499999
603134 7678651 7 70 1247 0 0 0 5592184 525000 5999999 7678651 601740 3 7 90 1971 1167 1638 6361282 600000 6749999 678779 882310 982310 797786 1 15 55 1862 1330 1372 8536438 825000 899999 1023588 17 80 1931 1296 1220 1036361 975000 10499989 1728111 2 13 50 1867 1228 0 10739140 1050000 1124998		712029									
F67851		603134									
601740		767851									
678779 3 19 65 1756 1320 1974 6867798 675000 7499999 982310 2 19 95 1396 1103 0 7551627 750000 8249999 797786 15 55 1662 1383 1372 8536436 825000 899999 1023598 3 17 80 1931 1296 1220 10363961 975000 1049998 178811 2 13 50 1667 1228 0 10739140 1050000 11249986			3	7	90	1971	1167	1638	6361282	6000000	6749999
982310 2 19 95 1396 1103 0 7551627 750000 8249999 977786 3 15 55 1662 1383 1372 8536436 825000 899999 977786 1023598 1 15 55 1724 0 0 0 9338639 900000 9749999 9770732 3 17 80 1931 1296 1220 10363961 9750000 1049998 9770732 2 13 50 1667 1228 0 10739140 10500000 11249986 97788111			3	19	65	1756	1320	1974	6867798	6750000	7499999
982310 797786 3 15 55 1662 1383 1372 8536436 825000 899999 1023598 1 15 55 1724 0 0 9338639 900000 9749999 1023598 370732 2 13 50 1867 1228 0 10739140 1050000 11249995			2	19	95	1396	1103	0	7551627	7500000	8249999
797786 1 15 55 1724 0 0 9338639 900000 9749999 1023598 3 17 80 1931 1296 1220 10363961 975000 10499998 370732 2 13 50 1867 1228 0 10739140 1050000 11249986											
1023568 3 17 80 1931 1296 1220 10363961 9750000 10499998 370732 2 13 50 1867 1228 0 10739140 10500000 11249998		797786									
3 17 80 1931 1296 1220 10363961 9750000 10499995 370732 2 13 50 1667 1228 0 10739140 10500000 11249995 728111		1023598									
2 13 50 1667 1228 0 10739140 10500000 11249995 728111			3	17			1296				10499999
1601111 3 5 5 95 1404 1990 1019 11470146 11070000 11000000			2	13	50	1667	1228	0	10739140	10500000	11249999
al number of pulses in waveform = 32		728111		5	95	1404	1320	1013	11470146	11250000	11999999



				Type 5	Radar W	aveform	_20			
aveform N um of Bur	fum = 20 sts = 12 srval (us)= 1000	000								
urst	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	818563	3	17	60	1096	1751	1696	818563	0	999999
2	434670	2	12	95	1324	1159	0	1257776	1000000	1999999
	945517									
3	1255226	2	11	70	1040	1657	0	2205776	2000000	2999999
1	1093239	1	20	70	1231	0	0	3463699	3000000	3999999
5	765565	1	5	80	1809	0	0	4558169	4000000	4999999
3		3	15	100	1718	1635	1234	5325543	5000000	5999999
7	949950	2	17	55	1982	1700	0	6280080	6000000	6999999
	1607555	1	9	55	1036	0	0	7891317	7000000	7999999
	508372	2	9	75	1890	1536	0	8400725	8000000	8999999
.0	1221037	3	7	60	1063	1048	1147	9625188	9000000	9999999
	757691									
.1	794785	1	15	100	1795	0	0	10386137	10000000	10999999
.2 tal numb	er of pulses in	2 waveform = 2	20 3	75	1728	1003	0	11182717	11000000	11999999
	10000100000000	******	**************	 	 	*				
				Type 5	Radar W	aveform	_21			
aveform N im of Bur irst Inte	Num = 21 csts = 19 erval (us)= 631	579								
urst	Off Time (us) 290772	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burs Interval(u	t End Burst
L		1	13	50	1687	0	0	290772	O	631578
:	726384	2	11	65	1891	1313	0	1018843	631579	1263157
	726828 316670	3	13	85	1203	1472	1215	1748875	1263158	1894736
	498250	2	11	90	1285	1892	0	2069435	1894737	2526315
	731116	3	7	60	1434	1899	1766	2570862	2526316	3157894
	877412	2	20 5	100 70	1188 1582	1032 1326	o 1312	3307077 4186709	3157895 3789474	3789473 4421052
:	330997	1	8	55	1752	0	0	4521926	4421053	5052631
,	833301	2	5	75	1037	1072	0	5356979	5052632	5684210
.0	376765 1122309	2	8	95	1645	1123	0	5735853	5684211	6315789
.1	708879	2	9	50	1477	1307	0	6860930	6315790	6947368
.2 .3	348389	3	12 17	100 75	1286 1062	1889	1471 0	7572593 7925628	6947369 7578948	7578947 8210526
.4	753494	3	20	50	1884	1009	1122	8680184	8210527	8842105
.5	548465	2	12	75	1401	1535	0	9232664	8842106	9473684
16	804321 668920	1	19	70	1095	0	0	10039921	9473685	10105263
L7	668920 618749	1	13	65	1822	0	0	10709936	10105264	10736842
.8	653944	1	20	85	1857	0	0	11330507	10736843	11368421
9 tal numb	per of pulses in	1 n waveform =	16 36 ************	55 1444444444	1356 	O	0	11986308	11368422	12000000
				Type 5	Radar W	aveform	_22			
weform N m of Bur irst Inte	Num = 22 ssts = 19 srval (us)= 631	579								
arst	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burs Interval(
	273824 905950	2	17	60	1177	1705	٥	273824	0	631578
	248352	1	5	75	1401	0	0	1182656	631579	1263157
	690870	3	14	70	1144	1347	1935	1432409	1263158	1894736
	553358	3 1	8 15	100 50	1313 1069	1516 0	1467 0	2127705 2685359	1894737 2526316	2526315 3157894
	521154	2	9	80	1920	1296	0	3207582	3157895	3789473
	1086268	2	20	75	1501	1030	0	4297066	3789474	4421052
	315438 785543	1	11	80	1335	0	0	4615035	4421053	5052631
	377366	1	12	55	1075	0	0	5401913	5052632	5684210
.0	892515	2	19	90	1535	1257	0	5780354	5684211	6315789
.1	735278	1	20 5	65 80	1270 1223	0	0	6675661 7412209	6315790 6947369	6947368 7578947
.3	238784	1	17	80 55	1223	0	0	7412209 7652216	6947369 7578948	7578947 8210526
.4	614036	3	19	95	1491	1920	1752	8267462	8210527	8842105
.5	663043 895653	1	7	100	1962	0	0	8935668	8842106	9473684
.6	896663 746472	3	14	70	1925	1135	1307	9833283	9473685	10105263
_		3	11	75	1237	1298	1083	10584122	10105264	10736842
.7	226208									11368421
.7 .8 .9	1010440	3	18 17	95 65	1405 1066	1320 1758	1249 0	10813948 11828362	10736843 11368422	12000000



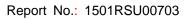
				Type	5 Radar W	/aveform	1_23			
weform N	Num = 23 rsts = 18 erval (us)= 666	202								
ırst Inte ırst	Off Time	567 # Pulses	Chirp (MHz)	₽₩	Pulse 1	Pulse 2	Pulse 3	Ştart Loc	Start Burs	t End Burst
	(us) 402592	Pulses 3	(MHz) 13	(us) 85	Pri (us) 1534	Pri(us) 1650	Pri(us) 1487	(us) 402592	Interval (u	s) Interval (us 666666
	677000	3	9	80	1534	1708	1783	1084263	66667	1333333
	880088	1	10	75	1740	0	0	1969367	1333334	2000000
	620813	1	14	100	1287	0	0	2591920	2000001	2666667
	485766	2	20	85	1399	1246	0	3078973	2666668	3333334
	486772 1061684	3	6	50	1994	1883	1325	3568390	3333335	4000001
	285425	1	11	60	1347	0	0	4635276	4000002	4666668
	730478	3	18	90	1392	1301	1985	4922048	4666669	5333335
	603840	3	6	60	1080	1431	1075	5657204	5333336	6000002
	701337	3	15	75	1882	1818	1854	6264630	6000003	6666669
L	875229	1	5	90	1357	0	0	6971521	6666670	7333336
3	653392	2	10 18	85 85	1370 1902	1167	0	7848107 8502869	7333337 8000004	8000003 8666670
1	621800	1	14	100	1820	0	0	9127738	8666671	9333337
5	219637	3	15	100	1980	1785	1925	9349195	9333338	10000004
3	677196	2	19	90	1143	1778	0	10032081	10000005	10666671
7	1128895 821048	2	17	100	1352	1410	0	11163897	10666672	11333338
s tal numb	er of pulses i	2 n waveform =	20 37	95	1453	1282	0	11987707	11333339	12000005
	************	***********	******	********		+++				
				Type	5 Radar W	<i>l</i> aveform	1_24			
reform N	Num = 24 :sts = 10									
	erval (us)= 1200		<i>a</i> .	T-11	n		n	a		
st	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	622560									
	1645081	2	12	65	1957	1907	0	622560	0	1199999
	1040001	3	15	75	1441	1040	1228	2271505	1200000	2399999
	420372	2	10	00	1500	1969	0	2605504	2400000	
	1780524	4	18	90	1509	1363	v	2695586	2400000	3599999
		1	17	60	1883	0	0	4478982	3600000	4799999
	1425423	1	5	50	1876	0	0	5906288	4800000	5999999
	1283688									
	1141483	2	14	75	1941	1424	0	7191852	6000000	7199999
		1	9	80	1094	0	0	8336700	7200000	8399999
	998182	9	0	75	1205	1716	1021	0335076	8400000	0500000
	1092378	3	8	75	1205	1716	1921	9335976	8400000	9599999
		3	14	65	1449	1061	1720	10433196	9600000	10799999
ı	440806	2	10	95	1375	1501	0	10878232	10800000	11999999
al numb	er of pulses in	waveform = 2	0		1 010		Ť	100.0000	2000000	1100000
				Type	5 Radar W	aveform	1_25			
eform N	Num = 25 sts = 13 erval (us)= 9230	77								
a of Bur	Off Time	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
of Bur		Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us)
of Bur	(us)		9	75	1671	0	0	814629	0	923076
of Bur	(us) 814629	1	5			1065	0	1079298	923077	1846153
of Bur	(us) 814629 262998	1 2	20	55	1626					2769230
of Bur	(us) 814629 262998 1656663			55 80	1626 1821	1122	1948	2738652	1846154	
of Bur	(us) 814629 262998	2 3	20 15	80	1821				1846154 2769231	3692307
of Bur	(us) 814629 262998 1656663	2 3 2	20 15 6	80 80	1821 1444	1055	0	3507944	2769231	3692307
of Bur	(us) 814629 262998 1656663 764401	2 3 2 1	20 15 6 12	80 80 100	1821 1444 1411	1055 0	0	3507944 3752453	2769231 3692308	3692307 4615384
of Bur	(us) 814629 262998 1656663 764401 242010	2 3 2 1 2	20 15 6 12 10	80 80 100 85	1821 1444 1411 1499	1055 0 1293	0 0 0	3507944 3752453 5018759	2769231 3692308 4615385	3692307 4615384 5538461
of Bur	(us) 814629 262998 1656663 764401 242010 1264895 585290	2 3 2 1	20 15 6 12	80 80 100	1821 1444 1411	1055 0	0	3507944 3752453	2769231 3692308	3692307 4615384
of Bur	(us) 814629 262998 1656663 764401 242010 1264895 585290 1226287	2 3 2 1 2	20 15 6 12 10	80 80 100 85	1821 1444 1411 1499	1055 0 1293	0 0 0	3507944 3752453 5018759	2769231 3692308 4615385	3692307 4615384 5538461
of Bur	(us) 814629 262998 1656663 764401 242010 1264895 585290 1226287 1346515	2 3 2 1 2 2	20 15 6 12 10 16	80 80 100 85 60	1821 1444 1411 1499 1230	1055 0 1293 1904	o o o	3507944 3752453 5018759 5606841	2769231 3692308 4615385 5538462	3692307 4615384 5538461 6461538
n of Burnerst Inte	(us) 814629 262998 1656663 764401 242010 1264895 585290 1226287 1346515 438001	2 3 2 1 2 2 3	20 15 6 12 10 16	80 80 100 85 60 70	1821 1444 1411 1499 1230 1858	1055 0 1293 1904 1374	0 0 0 0 1476	3507944 3752453 5018759 5606841 6836262	2769231 3692308 4615385 5538462 6461539	3692307 4615384 5538461 6461538 7384615
a of Bur	(us) 814629 262998 1656663 764401 242010 1264895 585290 1226287 1346515 438001 879513	2 3 2 1 2 2 3	20 15 6 12 10 16 12	80 80 100 85 60 70 60	1821 1444 1411 1499 1230 1858 1907	1055 0 1293 1904 1374 1996	0 0 0 0 1476	3507944 3752453 5018759 5606841 6836262 8187485 8629389	2769231 3692308 4615385 5538462 6461539 7384616 8307693	3692307 4615384 5538461 6461538 7384615 8307692 9230769
n of Bunders Inte	(us) 814629 262998 1656663 764401 242010 1264895 585290 1226287 1346515 438001	2 3 2 1 2 2 3 2 3 2	20 15 6 12 10 16 12 6 17	80 80 100 85 60 70 60 50	1821 1444 1411 1499 1230 1858 1907 1595	1055 0 1293 1904 1374 1996 1878	0 0 0 0 1476 0 1762	3507944 3752453 5018759 5606841 6836262 8187485 8629389 9514137	2769231 3692308 4615385 5538462 6461539 7384616 8307693 9230770	3692307 4615384 5538461 6461538 7384615 8307692 9230769 10153846
n of Burnerst Inte	(us) 814629 262998 1656663 764401 242010 1264895 585290 1226287 1346515 438001 879513	2 3 2 1 2 2 3 2 3	20 15 6 12 10 16 12 6	80 80 100 85 60 70 60	1821 1444 1411 1499 1230 1858 1907	1055 0 1293 1904 1374 1996	0 0 0 0 1476 0	3507944 3752453 5018759 5606841 6836262 8187485 8629389	2769231 3692308 4615385 5538462 6461539 7384616 8307693	3692307 4615384 5538461 6461538 7384615 8307692 9230769



				Type	5 Radar W	/aveform	1_26			
weform Nu										
m of Burs rst Interv	ts = 10 wal (us)= 1200	0000								
ırst	Off Time (us) 1003727	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	1121704	2	19	95	1151	1019	0	1003727	0	1199999
		3	14	65	1203	1096	1790	2127601	1200000	2399999
	368959	1	8	90	1405	0	0	2500649	2400000	3599999
	1901195	2	9	80	1911	1012	0	4403249	3600000	4799999
	1475702	3	14	95	1904	1389	1349	5881874	4800000	5999999
	722395	3	9	85	1371	1387	1221	6608911	6000000	7199999
	1775362	3	14	95	1794	1404	1624	8388252	7200000	839999
	389583		7							
	1797844	1		70	1616	0	0	8782657	8400000	9599999
	548718	1	6	95	1575	0	0	10582117	9600000	10799999
0 tal numbe:	r of pulses ir	3 n waveform = 1	15 22	50	1024	1237	1734	11132410	10800000	11999999
						*				
				Type	5 Radar W	/aveform	1_27			
veform Nu	m = 27									
m of Burs		0000								
rst	Off Time	# Pulses	Chirp (MHz)	P₩ (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	662374	3	11	85	1820	1346	1422	662374	0	999999
	637828 1358997	1	15	55	1619	0	0	1304790	1000000	1999999
	1136139	3	19	70	1237	1577	1034	2665406	2000000	2999999
	468977	2	6	80	1355	1823	0	3805393	3000000	3999999
	1239443	3	5	60	1512	1927	1648	4277548	4000000	4999999
	905245	3	12	90	1986	1047	1728	5522078	5000000	5999999
	1147340	1	10	55	1436	0	0	6432084	6000000	6999999
	1250905	3	12	100	1503	1819	1185	7580860	7000000	7999999
	1031795	2	20	100	1113	1847	0	8836272	8000000	8999999
)	713625	2	7	50	1546	1672	0	9871027	9000000	9999999
1	1064954	1	9	95	1052	0	0	10587870	10000000	10999999
2 tal number	r of pulses in	3 n waveform =	12 27	65	1863	1938	1746	11653876	11000000	11999999
	******		******	***********	***********					
				Type	5 Radar W	/aveform	1_28			
veform Nur n of Burst rst Interv	m = 28 ts = 17 val (us)= 7058	82								
rst	Off Time (us) 123393	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)		End Burst Interval(us)
	813661	3	9	55	1120	1681	1460	123393	0	705881
	789785	2	17 14	60 65	1886 1977	1440 0	0	941315 1734426	705882 1411764	1411763 2117645
	897447 461168	1	16	80	1492	0	0	2633850	2117646	2823527
	461168 555673	3	13	65	1676	1312	1990	3096510	2823528	3529409
	1148595	1 2	17 10	80 90	1890 1999	0 1482	0	3657161 4807646	3529410 4235292	4235291 4941173
	710490	2	6	80	1378	1223	0	5521617	4941174	5647055
	449444 728005	1	20	90	1400	0	0	5973662	5647056	6352937
	752617	1	6	95 80	1590	0	0	6703067 7457374	6352938 7058820	7058819 7764701
0		2	10 16	90 70	1225 1749	1496 1443	0	7457274 7795645	7058820 7764702	7764701 8470583
) 1 2	335650	2						9034374	8470584	9176465
1	1235537	2 2	11	95	1750	1628	0	9004014	8470584	9110400
1 2 3 4		2	11 13	65	1307	1804	0	9602625	9176466	9882347
1 2 3	1235537 564873	2	11							



Type 5 Radar Waveform_29										
m of Bu	Num = 29 rsts = 12 erval (us)= 1000	000								
rst	Off Time (us) 843507	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	843507 819710	2	16	95	1588	1593	0	843507	0	999999
	1036151	2	19	65	1620	1219	0	1666398	1000000	1999999
	539922	1	13	80	1258	0	0	2705388	2000000	2999999
	755488	3	20	55	1762	1596	1451	3246568	3000000	3999999
		2	20	65	1209	1216	0	4006865	4000000	4999999
	1846987	2	11	75	1603	1298	0	5856277	5000000	5999999
	760775	3	11	100	1482	1190	1466	6619953	6000000	6999999
	1019506	2	17	80	1607	1899	0	7643597	7000000	7999999
	1207005	2	20	50	1939	1764	0	8854108	8000000	8999999
)	1106936	1	12	70	1492	0	0	9964747	9000000	9999999
L	155727	1	10	55	1040	0	0	10121966	10000000	10999999
-										
2 tal num	943990 ber of pulses in	2 waveform = 2 ocooooooo	11 3 **********************************				0	11066996	11000000	11999999
2 tal num	ber of pulses in	waveform = 2	:3			+		11066996	11000000	11999999
2 tal num +************************************	Num = 30 ursts = 9 erval (us)= 1333	waveform = 2	3 ************************************	Type (5 Radar W	/aveform	1_30 Pulse 3	Start Loc	Start Burst	End Burst
2 tal num ⇔⇔⇔⇔ veform n of Bu	ber of pulses in HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH	######################################	Chirp	Type (Pulse 1	Vaveform Pulse 2 Pri(us)	ո_30	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us
eal num e⇒⇒⇒⇒ reform n of Bu	Num = 30 ursts = 9 erval (us)= 133: Off Time (us)	######################################	Chirp (MHz)	Type (PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us) 1277	Pulse 3 Pri(us)	Start Loc (us) 679871	Start Burst Interval(us)	End Burst Interval(us
eal num e⇔⇔⇔⇔ veform n of Bu	Num = 30 rets = 9 retral (us) = 1333 Off Time (us) = 679871	######################################	.3	Type (PW (us) 50 65	Pulse 1 Pri (us) 1558 1869	Pulse 2 Pri(us) 1277 1674	Pulse 3 Pri(us) 0 1206	Start Loc (us) 679871 1933341	Start Burst Interval(us) 0 1333333	End Burst Interval(us 133332 266665
eal num e⇔⇔⇔⇔ veform n of Bu	Num = 30 rsts = 9 rerval (us)= 1333 Off Time (us) 679871 1250635	######################################	Chirp (MHz)	Type (PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us) 1277	Pulse 3 Pri(us)	Start Loc (us) 679871	Start Burst Interval(us)	End Burst Interval(us
eal num e⇔⇔⇔⇔ veform n of Bu	Num = 30 orsts = 9 erval (us) = 133; off Time (us) 679871 1250635 1091084 1641340	######################################	.3	Type (PW (us) 50 65	Pulse 1 Pri (us) 1558 1869	Pulse 2 Pri(us) 1277 1674	Pulse 3 Pri(us) 0 1206	Start Loc (us) 679871 1933341	Start Burst Interval(us) 0 1333333	End Burst Interval(us 133332 266665
eal num e⇔⇔⇔⇔ veform n of Bu	Num = 30 rsts = 9 erval (us) = 1333 Off Time (us) 679871 1250635 1091084 1641340 1657929	######################################	Chirp (MHz) 13 9 6	PW (us) 50 65 90	Pulse 1 Pri(us) 1558 1869 1823	Pulse 2 Pri(us) 1277 1874	Pulse 3 Pri(us) 0 1206	Start Loc (us) 679871 1933341 3029174	Start Burst Interval (us) 0 1333333 2666666	End Burst Interval (us 1333332 2666665 3999998
eal num e⇔⇔⇔⇔ veform n of Bu	Num = 30 rsts = 9 erval (us) = 1333 Off Time (us) 679871 1250635 1091084 1641340 1657929 783727	waveform = 2	Chirp (MHz) 13 9 6 13	PW (us) 50 65 90 55	Pulse 1 Pri (us) 1558 1869 1823 1413	Pulse 2 Pri(us) 1277 1674 0	Pulse 3 Pri(us) 0 1206 0	Start Loc (us) 679871 1933341 3029174 4672337	Start Burst Interval(us) 0 1333333 2666666 3999999	End Burst Interval(us 1333332 2666665 3999998 5333331
eal num e⇔⇔⇔⇔ veform n of Bu	Num = 30 rsts = 9 erval (us) = 1333 Off Time (us) 679871 1250635 1091084 1641340 1657929	######################################	Chirp (MH2) 13 9 6 13 13	PW (us) 50 65 90 56 80 65	Pulse 1 Pri(us) 1558 1869 1823 1413 1106 1137	Pulse 2 Pri(us) 1277 1674 0 0	Pulse 3 Pri(us) 0 1206 0 0	Start Loc (us) 679871 1933341 3029174 4672337 6331679 7116512	Start Burst Interval(us) 0 1333333 2666666 3999999 5333332 6666665	End Burst Interval(us 1333332 2666665 399998 5333331 6666664 7999997
eal num e⇔⇔⇔⇔ veform n of Bu	Num = 30 rsts = 9 erval (us) = 1333 Off Time (us) 679871 1250635 1091084 1641340 1657929 783727	######################################	Chirp (MHz) 13 9 6 13 13 7 20	PW (us) 50 65 90 55 80 65 75	Pulse 1 Pri(us) 1558 1869 1823 1413 1106 1137 1442	Pulse 2 Pri(us) 1277 1674 0 0 0	Pulse 3 Pri(us) 0 1206 0 0	Start Loc (us) 679871 1933341 3029174 4672337 6331679 7116512 8670743	Start Burst Interval(us) 0 1333333 2666666 399999 5333332 6666665 7999998	End Burst Interval (us 1333332 2666665 399998 5333331 6666664 7999997 9333330
2 tal num ⇔⇔⇔⇔ veform n of Bu	Num = 30 rsts = 9 erval (us)= 1333 Off Time (us) 679871 1250635 1091084 1641340 1657929 783727 1553094	######################################	Chirp (MH2) 13 9 6 13 13	PW (us) 50 65 90 56 80 65	Pulse 1 Pri(us) 1558 1869 1823 1413 1106 1137	Pulse 2 Pri(us) 1277 1674 0 0	Pulse 3 Pri(us) 0 1206 0 0	Start Loc (us) 679871 1933341 3029174 4672337 6331679 7116512	Start Burst Interval(us) 0 1333333 2666666 3999999 5333332 6666665	End Burst Interval(us 1333332 2666665 399998 5333331 6666664 7999997

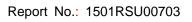




Radar Type 6 - Radar Statistical Performance

Trail #	Test Freq.	1=Detection	Trail #	Test Freq.	1=Detection
	(MHz)	0=No Detection		(MHz)	0=No Detection
1	5300	1	16	5300	1
2	5300	1	17	5300	1
3	5300	1	18	5300	1
4	5300	1	19	5300	1
5	5300	1	20	5300	1
6	5300	1	21	5300	1
7	5300	1	22	5300	1
8	5300	1	23	5300	1
9	5300	1	24	5300	1
10	5300	1	25	5300	1
11	5300	1	26	5300	1
12	5300	1	27	5300	1
13	5300	1	28	5300	1
14	5300	1	29	5300	1
15	5300	1	30	5300	1
	Det	ection Percentage	(%)		100%

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F	Radar waveform #	1	F	Radar waveform #	2
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5317	18	3	5297	9
11	5304	33	12	5296	36
59	5299	177	17	5307	51
70	5287	210	21	5274	63
75	5315	225	27	5303	81
80	5316	240	29	5329	87
83	5308	249	31	5316	93
90	5310	270	36	5287	108
			38	5298	114
			41	5279	123
			45	5272	135
			47	5327	141
			51	5282	153
			77	5310	231
			78	5289	234
			92	5314	276





F	Radar waveform #	3	F	Radar waveform #	4
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
0	5289	0	1	5309	3
1	5327	3	10	5288	30
6	5291	18	12	5277	36
18	5274	54	20	5287	60
32	5306	96	38	5316	114
43	5283	129	43	5295	129
51	5322	153	71	5276	213
81	5298	243	73	5302	219
86	5320	258	75	5281	225
			82	5271	246
			90	5307	270
			92	5283	276
			94	5293	282

F	Radar waveform #	5	F	Radar waveform #	6
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
7	5311	21	7	5277	21
18	5293	54	9	5314	27
26	5296	78	19	5324	57
37	5303	111	24	5329	72
45	5312	135	29	5306	87
52	6306	156	33	5276	99
66	5308	198	36	5330	108
78	5321	234	43	5289	129
82	5327	246	48	5304	144
86	5304	258	67	5270	201
92	5279	276	71	5288	213
99	5289	297	81	5281	243
			89	5272	267
			91	5316	273

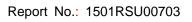
F	Radar waveform #	7	Radar waveform #8			
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)	

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Number	(MHz)		Number	(MHz)	
8	5276	24	7	5279	21
23	5304	69	15	5294	45
28	5305	84	19	5298	57
30	5311	90	25	5325	75
45	5280	135	33	5316	99
47	8270	141	35	5283	105
48	5310	144	36	5324	108
49	5306	147	44	5312	132
51	5275	153	45	5304	135
58	5274	174	47	5270	141
67	5314	201	52	5308	156
70	5329	210	64	5275	192
75	5313	225	67	5289	201
76	5278	228	76	5317	228
81	5271	243	89	5301	267
92	5281	276	91	5285	273





F	Radar waveform #9			Radar waveform #10		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)	
Number	(MHz)		Number	(MHz)		
12	5299	36	6	5293	18	
20	5319	60	8	5330	24	
28	5287	84	11	5306	33	
33	5270	99	12	5324	36	
41	5311	123	17	5302	51	
44	5285	132	18	5320	54	
55	5303	165	19	5299	57	
93	5273	279	25	5321	75	
97	5312	291	45	5310	135	
			65	5308	195	
			55	5287	165	
			56	5327	168	
			61	5301	183	
			78	5279	234	
			90	5289	270	
			96	5286	288	
			97	5329	291	





R	Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Frequency (MHz)	Hopping Number	Pulse Start (ms)	
7	5312	21	11	5277	33	
10	5285	30	18	5320	54	
42	5294	126	19	5328	57	
48	5309	144	20	5282	60	
73	5313	219	25	5318	75	
81	5292	243	40	5296	120	
92	5293	276	47	5330	141	
94	5307	282	51	5329	153	
			56	5281	168	
			58	5290	174	
			60	5285	180	
			82	5305	246	
			86	5286	258	

R	adar waveform #1	13	Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5307	3	10	5277	30
6	5299	18	21	5288	63
12	5295	36	30	5297	90
14	5313	42	31	5307	93
24	5306	72	35	5279	105
30	5285	90	42	5290	126
49	5315	147	43	5293	129
60	5303	180	45	5313	135
77	5287	231	57	5280	171
78	5323	234	61	5324	183
80	5288	240	71	5295	213
81	5318	243	95	5316	285
97	5283	291			

Radar waveform #15			R	adar waveform #1	16
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)

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Number	(MHz)		Number	(MHz)	
16	5308	48	2	5286	6
27	5307	81	5	5285	15
31	5272	93	14	5281	42
32	5298	96	23	5323	69
44	5317	132	24	5300	72
51	5290	153	25	5324	75
52	5302	156	33	5293	99
57	5316	171	41	5309	123
61	5286	183	42	5274	126
62	5306	186	52	5278	156
64	5311	192	54	5278	162
72	5321	216	56	5295	168
73	5284	219	62	5320	186
74	5328	222	71	5322	213
89	5325	267			

Radar waveform #17			Radar waveform #18		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
12	5318	36	5	5273	15
23	5289	69	9	5288	27
24	5282	72	16	5272	48
54	5307	162	32	5314	96
61	5276	183	33	5307	99
85	5288	255	50	5283	150
87	5298	261	51	5293	153
			52	5311	156
			55	5295	165
			73	5296	219
			81	5282	243
			84	5287	252
			99	5306	297
Radar waveform #19			R	adar waveform #2	20
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
1	5311	3	0	5319	0

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7	5308	21	5	5310	15
13	5320	39	6	5283	18
14	5271	42	18	5302	54
59	5293	177	31	5329	93
61	5305	183	52	5285	156
86	5274	258	53	5303	159
97	5284	291	61	5315	183
			69	5312	207
		-	72	5298	216
		-	76	5299	228
		1	77	5230	231

R	Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)	
0	5305	0	9	5285	27	
23	5303	69	30	5315	90	
24	5304	72	31	5313	93	
27	5293	81	50	5284	150	
43	5319	129	51	5270	153	
64	5299	192	53	5307	159	
83	5316	249	55	5308	165	
87	5289	261	57	5324	171	
97	5291	291	60	5279	180	
99	5284	297	65	5304	195	
			77	5311	231	
			83	5282	249	
			89	5310	267	





Radar waveform #23			Radar waveform #24		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
0	5291	0	18	5277	54
1	5270	3	24	5310	72
3	5281	9	31	5285	93
4	5289	12	32	5322	96
17	5286	51	34	5301	102
36	5278	108	46	5307	138
48	5316	144	58	5271	174
62	5294	186	66	5292	198
75	5275	225	73	5321	219
77	5298	231	86	5283	258
91	5307	273	88	5282	264
			97	5304	291
			98	5291	294
			99	5302	297

R	Radar waveform #25			Radar waveform #26		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)	
Number	(MHz)		Number	(MHz)		
7	5317	21	17	5321	51	
9	5278	27	36	5330	108	
15	5321	45	43	5322	129	
29	5294	87	45	5320	135	
37	5272	111	59	5319	177	
46	5285	138	68	5287	204	
49	5302	147	75	5282	225	
51	5324	153	93	5281	279	
59	5315	177	97	5277	291	
60	5289	180				
71	5330	213				
76	5314	228				
80	5281	240				

Radar waveform #27			R	adar waveform #2	28
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)

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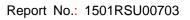


Number	(MHz)		Number	(MHz)	
0	5287	0	3	5299	9
1	5302	3	7	5328	21
10	5274	30	21	5277	63
11	5286	33	31	5306	93
12	5330	36	36	5282	108
21	5281	63	46	5279	138
34	5273	102	58	5287	174
49	5282	147	71	5298	213
56	5298	168	79	5320	237
61	5308	183	90	5327	270
85	5299	255	95	5275	285
88	5314	264			
91	5309	273			
93	5285	279	-		
94	5313	282			





Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
5	5277	15	2	5296	6
10	5326	30	9	5280	27
12	5288	36	10	5297	30
15	5329	45	16	5315	48
16	5318	48	18	5278	54
28	5295	84	49	5282	147
29	5304	87	66	5316	198
32	5322	96	67	5293	201
36	5309	108	78	5305	234
38	5324	114	81	5318	243
45	5287	135	89	5290	267
49	5284	147			
53	5293	159			
57	5271	171			
65	5279	195			
68	5330	204			
78	5312	234			
80	5272	240	1		
84	5323	252	1		
87	5286	261			
90	5291	270			
96	5292	288			





Radar Statistical Performance for 802.11n-HT40

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5290	0	918	58	1
2	5290	1	598	89	1
3	5290	1	818	65	1
4	5290	1	658	81	1
5	5290	1	678	78	1
6	5290	1	3066	18	1
7	5290	1	718	74	1
8	5290	1	738	72	1
9	5290	1	898	59	1
10	5290	1	518	102	1
11	5290	1	798	67	1
12	5290	1	578	92	1
13	5290	1	638	83	1
14	5290	1	838	63	1
15	5290	1	758	70	1
16	5290	1	2954	18	1
17	5290	1	1944	28	1
18	5290	1	1283	42	1
19	5290	1	2916	19	1
20	5290	1	2158	25	1
21	5290	1	1244	43	1
22	5290	1	2688	20	1
23	5290	1	595	89	1
24	5290	1	1372	39	1
25	5290	1	1877	29	1
26	5290	1	1010	53	1
27	5290	1	1233	43	1
28	5290	1	2223	24	1
29	5290	1	647	82	1
30	5290	1	2264	24	1
	Det	ection Percentage	(%)		100%



Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5295	2.4	155	27	1
2	5295	4.1	196	23	1
3	5295	1.6	198	23	1
4	5295	1.5	180	26	1
5	5295	3.7	163	29	1
6	5295	2.1	165	26	1
7	5295	2.4	223	23	1
8	5295	2.9	215	26	1
9	5295	1.2	157	26	1
10	5295	1.4	228	25	1
11	5295	1.9	172	27	1
12	5295	3.3	173	28	1
13	5295	1.5	192	29	1
14	5295	3.1	229	26	1
15	5295	2.6	174	28	1
16	5295	1.4	174	27	1
17	5295	3.5	208	24	1
18	5295	3.7	166	27	1
19	5295	2.7	206	29	1
20	5295	4.5	164	25	1
21	5295	4.5	161	23	1
22	5295	3.1	212	24	1
23	5295	3.5	170	27	1
24	5295	3.3	222	26	1
25	5295	1.7	214	24	1
26	5295	2.4	197	28	1
27	5295	1.1	224	26	1
28	5295	2.1	219	24	1
29	5295	2.5	210	25	1
30	5295	3.9	191	26	1
	Det	ection Percentage	(%)		100%



Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5300	7.2	466	16	1
2	5300	7.1	468	18	1
3	5300	7.8	297	18	1
4	5300	6.8	256	18	1
5	5300	8.6	356	17	1
6	5300	7.2	423	16	1
7	5300	7.4	301	17	1
8	5300	7.9	275	18	1
9	5300	8.3	321	18	1
10	5300	9.8	336	17	1
11	5300	6.7	319	17	1
12	5300	7.2	343	17	1
13	5300	8.7	287	17	1
14	5300	8.2	262	17	1
15	5300	9.2	372	16	1
16	5300	6.3	390	18	1
17	5300	7.5	265	17	1
18	5300	6.3	267	17	1
19	5300	8.7	299	18	1
20	5300	9.6	324	16	1
21	5300	8.3	254	18	1
22	5300	9.9	323	18	1
23	5300	6.6	373	17	1
24	5300	8.8	282	17	1
25	5300	7.6	472	18	1
26	5300	6.2	433	16	1
27	5300	6.3	300	17	1
28	5300	8.1	350	16	1
29	5300	9.6	333	17	1
30	5300	9.1	287	18	1
	Det	ection Percentage	(%)		100%



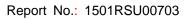
Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5310	11.8	255	13	1
2	5310	18.6	262	13	1
3	5310	13.1	388	15	1
4	5310	13.1	337	13	1
5	5310	12.6	297	13	1
6	5310	15.4	307	12	1
7	5310	13.7	356	15	1
8	5310	16.6	339	14	1
9	5310	16.1	308	13	1
10	5310	16.4	399	15	1
11	5310	19.3	369	14	1
12	5310	19.2	374	16	1
13	5310	12.9	283	16	1
14	5310	13.8	498	15	1
15	5310	18.5	483	13	1
16	5310	16.5	360	14	1
17	5310	15.8	368	15	1
18	5310	15.8	474	16	0
19	5310	11.2	389	15	1
20	5310	18.9	317	12	1
21	5310	15.1	287	12	1
22	5310	11.1	396	13	1
23	5310	17.1	424	15	1
24	5310	17.0	266	16	1
25	5310	12.9	265	14	1
26	5310	15.0	494	15	1
27	5310	19.7	490	13	1
28	5310	15.4	275	12	0
29	5310	12.2	461	13	1
30	5310	11.3	307	15	1
	Det	ection Percentage	(%)		93.3%

Note: In addition an average minimum percentage of successful detection across all four Short pulse radar test

waveforms is as follows: $\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4} = (100\% + 100\% + 100\% + 93.3\%)/4 = 98.3\% (>80\%)$

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Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq.	1=Detection	Trail #	Test Freq.	1=Detection
	(MHz)	0=No Detection		(MHz)	0=No Detection
1	5329	1	16	5329	1
2	5329	1	17	5329	1
3	5329	1	18	5329	1
4	5329	1	19	5329	1
5	5329	1	20	5329	1
6	5329	1	21	5329	1
7	5329	1	22	5329	1
8	5329	1	23	5329	1
9	5329	1	24	5329	1
10	5329	1	25	5329	1
11	5329	1	26	5329	1
12	5329	1	27	5329	1
13	5329	1	28	5329	1
14	5329	1	29	5329	1
15	5329	1	30	5329	1
	Det	ection Percentage	(%)		100%

				Type	5 Radar V	vaveloili	II_I			
	Wum = 1 csts = 10 erval (us)= 1200	0000								
ırst	Off Time (us) 172689	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
-	1516620	2	19	80	1268	1022	0	172689	0	1199999
		3	6	100	1284	1081	1518	1691599	1200000	2399999
	1383664	1	9	75	1886	0	0	3079146	2400000	3599999
	890488	1	11	100	1370	0	0	3971520	3600000	4799999
	1491084	1	12	100	1068	0	0	5463974	4800000	5999999
	1387190	1	10	80	1469	0	0	6852232	6000000	7199999
	645322	3	13	75	1446	1820	1949	7499023	7200000	8399999
	1127336	3	19	50	1147	1852	1754	8631574	8400000	9599999
ı	1742265	3	13	70	1255	1544	1191	10378592	9600000	10799999
0	572804	1	20	50	1081	0	0	10955386	10800000	11999999
tal numb	er of pulses in	waveform = 1	19							

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				Туре	5 Radar V	Naveform	n_2			
	Num = 2 rsts = 10 erval (us)= 1200	0000								
ırst	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	815604	3	13	90	1511	1634	1041	815604	0	1199999
	1510565	2	20	65	1978	1378	0	2330355	1200000	2399999
	1179648	3	10	70	1232	1810	1433	3513359	2400000	3599999
	1171133	1	19	95	1498	0	0	4688967	3600000	4799999
	1281967	3	7	80	1100	1992	1277	5972432	4800000	5999999
	856408	3	6	100	1492	1301	1203	6833209	6000000	7199999
	1505717	1	7	65	1794	0	0	8342922	7200000	8399999
	496860	1	13	90	1341	0	0	8841576	8400000	9599999
	1245180	3	14	50	1020	1222	1109	10088097	9600000	10799999
0	1594012	1	6	70	1898	0	0	11685460	10800000	11999999
tal numl	ber of pulses in	waveform = :	21		******		v	11000100	2000000	11000000
				Туре	5 Radar V	Vaveforr	n_3			
m of Bu	Num = 3 rsts = 9									
rst Inte	erval (us)= 1333 Off Time	3333 #	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 904644	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us)
	555654	2	17	90	1962	1309	0	904644	0	1333332
	1695977	2	14	65	1317	1019	0	1463569	1333333	2666665
		3	18	90	1840	1873	1150	3161882	2666666	3999998
	1678856	3	5	65	1463	1268	1733	4845601	3999999	5333331
	1612166	1	5	80	1753	0	0	6462231	5333332	6666664
	1139966	2	15	100	1434	1107	0	7603950	6666665	7999997
	1363286	1	5	85	1261	0	0	8969777	7999998	9333330
	1199679	3	5	65	1449	1306	1437	10170717	9333331	10666663
	1229297		6	50	1137	0	0	11404206	10666664	11999996
	ber of pulses ir		18		1131		0	11404206	1000004	11999996
							•			
				Туре	5 Radar V	Navetorr	n_4			
of Bu	Num = 4 rsts = 9 erval (us)= 1333	333								
st	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)		End Burst Interval(us)
	992794	1	5	75	1160	0	0	992794	0	1333332
	413460	3	19	85	1743	1313	1376	1407414	1333333	2666665
	1850466	3	15	75	1170	1104	1342	3262312	2666666	3999998
	1076022	3	18	95	1740	1452	1947	4341950	3999999	5333331
	2009676	3	13	65	1217	1870	1203	6356765	5333332	6666664
	1033775	1	7	55	1850	0	0	7394830	6666665	7999997
		-				1646	1062	8508249	7999998	9333330
	1111569	3	10					0000249	1000000	2000000
		3	10	65 80	1132			10697977	D999991	
	1111569	3 2 3	10 10 19	65 80 70	1877 1876	1762 1925	0	10637277 11483316	9333331 10666664	10666663 11999996



				Туре	5 Radar V	Vaveforn	า_5			
veform No m of Bur: rst Inte:	um = 5 sts = 16 rval (us)= 750	000								
rst	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Bur: Interval(st End Burst is) Interval(u
	153625	2	12	70	1356	1443	0	153625	0	749999
	962348	2	14	65	1700	1692	0	1118772	750000	1499999
	380306	3	12	50	1998	1279	1165	1502470	1500000	2249999
	1133794 747635	3	20	85	1517	1058	1878	2640706	2250000	2999999
	1090281	3	12	90	1941	1759	1170	3392794	3000000	3749999
	701663	1	5	55	1472	0	0	4487945	3750000	4499999
	689394	2	9	95	1503	1082	0	5191080	4500000	5249999
	260397	3	8	75	1423	1348	1921	5883059	5250000	5999999
	1146249	1	14	95	1119	0	0	6148148	6000000	6749999
)	458249	2	18	75	1637	1017	0	7295516	6750000	7499999
L	1102091	3	9	55	1380	1994	1057	7756419	7500000	8249999
2	534673	2	16	100	1617	1940	0	8862941	8250000	8999999
3	535517	2	10	65	1165	1559	0	9401171	9000000	9749999
4	1222144	2	9	85	1895	1242	0	9939412	9750000	10499999
5	612656	3	15	75	1041	1921	1232	11164693	10500000	11249999
5 tal numb 	er of pulses i	3 n waveform = : +++++++++++++++++++++++++++++++++++	9 37 ***********************************	70 	1798 	1729 ++-*	1893	11781543	11250000	11999999
				Type	5 Radar V	Vaveforn	า 6			
				- 7 0 - 0						
veform Nu m of Bur: rst Inter	sts = 16 rval (us)= 7500	100								
rst	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	60173	1	12	65	1327	0	0	60173	0	749999
	939985	2	10	100	1483	1616	0	1001485	750000	1499999
	848673	1	20	75	1191	0	0	1853257	1500000	2249999
	742139	1	8	90	1740	0	0	2596587	2250000	2999999
	595892	2	19	80	1777	1522	0	3194219	3000000	3749999
	1097055	2	17	80	1865	1540	0	4294573	3750000	4499999
	935405 655867	2	14	85	1499	1609	0	5233383	4500000	5249999
	471551	1	8	100	1373	0	0	5892358	5250000	5999999
	471551 1118315	3	16	55	1250	1639	1607	6365282	6000000	6749999
	179113	3	6	50	1898	1885	1874	7488093	6750000	7499999
L	936894	2	12	80	1810	1591	0	7672863	7500000	8249999
2	1040596	1	10	75	1308	0	0	8613158	8250000	8999999
3	331705	1	8	95	1903	0	0	9655062	9000000	9749999
1	1117335	3	20	95	1874	1807	1362	9988670	9750000	10499999
5	350958	2	20	50	1036	1998	0	11111048	10500000	11249999
	er of pulses in			55 	1049 *******	1119 *	1346	11465040	11250000	11999999
				_	5 D - 1 - 21	N				
				туре	5 Radar V	vavetorn	1_/			
reform No	sts = 9									
	rval (us)= 1333 Off Time	#	Chinn	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
rst	(us) 461580	# Pulses	Chirp (MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us)
		3	18	55	1483	1049	1359	461580	0	1333332
	1580239	3	13	85	1284	1540	1017	2045710	1333333	2666665
	1280146									
	1017001	1	11	50	1760	0	0	3329697	2666666	3999998
	1917091	1	13	75	1453	0	0	5248548	399999	5333331
	1379959									
	154375	3	15	75	1290	1218	1584	6629960	5333332	6666664
		2	7	50	1735	1770	0	6788427	6666665	7999997
	1852659	2	19	90	1695	1/10	0	9644501	7000000	Q99999A
	886174	4	18	90	1090	1410	v	8644591	7999998	9333330
		3	16	100	1964	1214	1112	9533870	9333331	10666663
	40111									
	1844096	3	19	50	1886	1516	1063	11382256	10666664	11999996



				Type	5 Radar V	Vaveforn	n_8			
reform Nu	ım = 8									
	sts = 18 rval (us)= 6666	67								
rst	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	287336	1	9	90	1294	0	0	287336	0	666666
	526759 600801	2	18	55	1177	1583	0	815389	666667	1333333
		2	11	90	1837	1923	0	1418950	1333334	2000000
	1168422 506586	1	18	95	1025	0	0	2591132	2000001	2666667
	373144	2	16	90	1555	1727	0	3098743	2666668	3333334
	790026	2	9	65	1742	1082	0	3475169	3333335	4000001
	536686	3	17	70	1767	1586	1335	4268019	4000002	4666668
	1016010	2	6	85	1263	1497	0	4809393	4666669	5333335
	768452	2	9	55	1305	1492	0	5828163	5333336	6000002
	363711	3	20	65	1882	1489	1450	6599412	6000003	6666669
	888733	2	8	55	1664	1326	0	6967944	6666670	7333336
	174945	1	12	65	1738	0	0	7859667	7333337	8000003
	916007	2	11	60	1303	1026	0	8036350	8000004	8666670
	615131	2	16	100	1937	1826	0	8954686	8666671	9333337
	439254	2	16	100	1425	1250	0	9573580	9333338	10000004
	1224576	2	10	100	1272	1850	0	10015509	10000005	10666671
	673379	2	7	55	1437	1607	0	11243207	10666672	11333338
al numbe	er of pulses in	3 waveform = 3	13	55	1436	1157	1450	11919630	11333339	12000005
******	***********	***********		**********	************	*				
				Type	5 Radar V	Vaveforn	n_9			
eform Nu	ım = 9									
of Burs st Inter	sts = 11 rval (us)= 1090	909								
st	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us	End Burst) Interval(us
	132701									
	1783092	2	19	100	1580	1412	0	132701	0	1090908
		1	20	60	1027	0	0	1918785	1090909	2181817
	497515	3	16	55	1097	1451	1549	2417327	2181818	3272726
	898440									
	2088470	1	7	65	1386	0	0	3319864	3272727	4363635
		3	20	90	1249	1240	1198	5409720	4363636	5454544
	185007	2	14	70	1471	1637	0	5598414	5454545	6545453
	1487025						-			
	1094372	3	13	90	1371	1782	1036	7088547	6545454	7636362
		2	7	100	1745	1987	0	8187108	7636363	8727271
	741952	2	17	80	1814	1833	0	8932792	8727272	9818180
	1950627			70	1626	1932	1658	10887066	9818181	10909089
	1950627 812520	3	5				0	11704802	10909090	11999998
al numb-	812520	3 1	5	70	1008	0	Ť			11000000
al numbe	812520 er of pulses ir	3 1 n waveform = :	5 23		1008 **********		ů,			11000000
al numbe	812520 er of pulses ir	3 1 n waveform = :	5 23							1100000
al numbe	812520 er of pulses ir	3 1 n waveform = :	5 23			otok				11000000
eform Nu	812520 er of pulses ir	3 1 n waveform = :	5 23		***************************************	otok				1100000
eform Nu of Burs st Inter	812520 er of pulses in the state of the stat	3 1 n waveform = :	5 23		5 Radar W	/aveform	n_10	Stort !		
eform Nu of Burs st Inter	812520 er of pulses in	3 1 n waveform = :	5 23		***************************************	otok		Start Loc (uz)	Start Burst Interval(us)	End Burst Interval(us)
eform Nu of Burs st Inter	812520 er of pulses in ***********************************	3 1 1 waveform = :	Chirp (MMz)	Type (5 Radar W	/aveform	1_10	Start Loc (us) 539578	Start Burst	End Burst
eform Nu of Burs st Inter	812520 er of pulses in ***********************************	3 1 1 waveform = ; sectors = ;	Chirp	Type (5 Radar W	/aveform	n_10	(us)	Start Burst Interval(us)	End Burst Interval (us)
eform Nu of Burs st Inter	######################################	3 1 1 waveform = : **********************************	Chirp (MMz)	Type (5 Radar W	/aveform	Pulse 3 Pri(us)	(us) 539578	Start Burst Interval(us)	End Burst Interval(us)
eform Nu of Burs	812520 er of pulses in	3 1 1 waveform = ;	Chirp (MHz) 18	Type (Pulse 1 Pri(us) 1649 1632 1163 1489	Pulse 2 Pri (us) 0 1278	Pulse 3 Pri(us)	539578 1096484 1516588 2447587	Start Burst Interval(us) 0 666667 1333334 2000001	End Burst Interval(us) 666666 133333 200000 2666667
eform Nu of Burs st Inter	812520 er of pulses in ***********************************	3 1 1 waveform = : **********************************	Chirp (MHz) 18 9 20	Type (Pulse 1 Pri (ur) 1649 1632 1163	Pulse 2 Pri(us) 0 1278 1773	Pulse 3 Pri(us) 0 0	639578 1096484 1516588 2447587	Start Burst Interval(us) 0 666667 1333334	End Burst Interval(us) 666666 1333333 2000000
eform Nu of Burs	812520 er of pulses in ***********************************	3 1 1 waveform = : **********************************	Chirp (Miz) 18 9 20 17	Type (Pulse 1 Pri(us) 1649 1632 1163 1489	/aveform Pulse 2 Pri(us) 0 1278 1773 0	Pulse 3 Pri(us)	539578 1096484 1516588 2447587	Start Burst Interval(us) 0 666667 1333334 2000001	End Burst Interval(us) 666666 133333 200000 2666667
eform Nu of Burs	812520 er of pulses in	3 1 1 waveform = :	Chirp (MHz) 18 9 20 17	FW (us) 95 90 85 96 85	Pulse 1 Pri(ur) 1649 1632 1163 1489 1722	/aveform Fulse 2 Pri(us) 0 1278 1773 0 0	Pulse 3 Pri(us)	639578 1096484 1516588 2447587	Start Burst Interval (us) 0 666667 133334 2000001 266668 333335 400002	End Burst Interval(us) 666666 1333333 2000000 2666667 3333334
eform Nu of Burs st Inter	812520 er of pulses in	3 1 1 waveform = : **********************************	Chirp (MHz) 18 9 20 17 16	FW (uz) 95 90 85 95 85 65	Pulse 1 Pri (us) 1692 1163 1489 1722 1842	Pulse 2 Pri(us) 0 1278 1773 0	Pulse 3 Pri(us) 0 0	1096484 1096484 1516588 2447587 2997459 3394294	Start Burst Interval(us) 0 0666667 1333334 2000001 2666668 3333335	End Burst Interval(us) 666666 133333 2000000 266667 333334 4000001
eform Nu of Burs	812520 er of pulses in	3 1 1 waveform = :	Chirp (MHz) 18 9 20 17 16 19	Pw (uz) 95 90 85 95 85 96	Pulse 1 Pri (ur) 1649 1632 1163 1489 1722 1642 1697	Pulse 2 Pri(us) 0 1278 1773 0 0 1736 1952	Pulse 3 Pri(us) 0 0 0	539578 1096484 1516588 2447587 2997459 3394294 4512402 4671991 5983374	Start Burst Interval(us) 0 666667 133334 2000001 266668 333335 4000002 4666689 533336	End Burst Interval (us) 666666 133333 2000000 2666667 333334 4000001 4666668
eform Nu of Burs	m = 10 sts = 18 Off Time (us) = 6666 Off Time (us) = 565257 417194 928063 548383 395113 1114830 155840 1508292 528700	3 1 1 waveform = :	Chirp (MMz) 18 9 20 17 16 19 17 20	Type ("(ue) 95 90 85 96 85 96 80 100	Pulse 1 Pri(us) 1649 1632 1163 1489 1722 1642 1697 1192	Pulse 2 Pri(us) 0 1278 1773 0 0 1736 1952 1899	Pulse 3 Pri(us) 0 0 0 0 0	539578 1096484 1516588 2447587 2997459 3394294 4512402 4671991 5983374 6515179	Start Burst Interval(us) 0 666667 1333334 2000001 266668 333335 4000002 466669	End Burst Interval(us) 666666 1333333 2000000 2666667 3333334 4000001 466668 5333335 6000002 6666669
eform Nu of Burs	812520 er of pulses in	3 1 1 waveform = :	Chirp (MMz) 18 9 20 17 16 19 17 20 14	FW (us) 95 90 85 96 85 56 90 100 90	Pulse 1 Pri (us) 1649 1632 1163 1489 1722 1542 1697 1192 1633	Fulse 2 Pri(us) 0 1278 1773 0 0 1796 1962 1899 1472	Pulse 3 Pri(us) 0 0 0	539578 1096484 1516588 2447587 2997459 3394294 4512402 4671991 5983374	Start Burst Interval(us) 0 666667 133334 2000001 266668 333335 4000002 4666689 533336	End Burst Interval(us) 666666 133333 2000000 2666667 3333334 4000001 4666668 5333335 6000002
eform Nu of Burs	812520 er of pulses in FFH-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H	3 1 1 waveform = : **********************************	Chirp (MMz) 18 9 20 17 16 19 17 20 14	Pw (us) 96 90 85 96 85 96 85 96	Pulse 1 Pri (ur) 1649 1632 1163 1489 1722 1542 1697 1192 1633 1742	Pulse 2 Pri(us) 0 1278 1773 0 0 1796 1952 1899 1472	Pulse 3 Pri(us) 0 0 0 0	539578 1096484 1516588 2447587 2997459 3394294 4512402 4671991 5983374 6515179	Start Burst Interval (us) O 666667 1333334 2000001 2666668 333335 4000002 4666669 5333336 6000003	End Burst Interval(us) 666666 1333333 2000000 2666667 3333334 4000001 466668 5333335 6000002 6666669
eform Nu of Burs	812520 er of pulses in	3 1 1 waveform = :	Chirp (MHz) 18 9 20 17 16 19 17 20 14 19 5	Pw (us) 95 90 85 55 90 100 90 95 95 95 95	Pulse 1 Pri (us) 1649 1632 1163 1489 1722 1542 1697 1192 1693 1742	Pulse 2 Px1(us) 0 1278 1773 0 0 1736 1952 1839 1472 0	Pulse 3 Pri(us) 0 0 0 0	539578 1096484 1616588 2447587 2997459 3394294 4512402 4671991 5983374 6515179 7236901	Start Burst Interval (us) 0 666667 1333334 2000001 266668 333335 400002 4666689 533336 6000003 6666670	End Burst Interval (us) 666666 133333 2000000 2666667 333334 4000001 4666668 5333335 6000002 6666669 7333336
eform Nu of Burs st Inter	m = 10 sts = 18 of Time (us) = 6666 Off Time (us) = 539578 5595578 417194 928063 548383 395113 1114830 155940 1308292 528700 719980 475210 327524 1093400	3 1 1 waveform = :	Chirp (MHz) 18 9 20 17 16 19 17 20 14 19 5	FW (W#) 95 90 85 95 85 95 80 100 90 95 56	Pulse 1 Pri(us) 1649 1632 1163 1489 1722 1842 1897 1192 1633 1742 1336 1252	Pulse 2 Pri(us) 0 1278 1773 0 0 1736 1952 1899 1472 0 1948 1599	Pulse 3 Pri(us) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	539578 1096484 1516588 2447587 2997459 3394294 4512402 4671991 5983374 6515179 7236901 7715395	Start Burst Interval (us) 0 666667 1333334 2000001 266668 333335 4000002 466669 533336 6000003 6666670 733337 8000004 8666671	End Burst Interval(us) 666666 1333333 2000000 2666667 3333334 4000001 4666668 5333336 6000002 6666669 7333336 8000003 8666670 9333337
eform Nu	812520 ar of pulses in the	3 1 1 waveform = : **********************************	Chirp (MHz) 18 9 20 17 16 19 17 20 14 19 5 5	PW (uz) 95 90 85 95 85 90 100 90 95 96 86	Pulse 1 Pri (us) 169 1692 1163 1489 1722 1842 1697 1192 1633 1742 1396 1252 1486	Pulse 2 Pri(us) 0 1278 1773 0 0 0 1796 1952 1899 1472 0 1948 1599 1667	Pulse 3 Pri(us) 0 0 0 0 0 0 0	539578 1096484 1516588 2447587 2997459 3394294 4512402 4671991 5983374 6515179 7236901 7715395 8045770	Start Burst Interval(us) 0 0666667 1333334 200001 2666688 333335 4000002 4666669 5333336 6000003 6666670 7333337 8000004	End Burst Interval (us) 666666 1333333 2000000 2666667 333334 4000001 4666668 5333335 6000002 6666669 7333336 8000003 866670 9333337 10000004
eform Nu of Burs st Inter	812520 er of pulses in FFH-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H-H	3 1 1 waveform = : **********************************	Chirp (MHz) 18 9 20 17 16 19 17 20 14 19 5 5 7	Pw (us) 95 90 86 95 55 90 100 90 95 95 80	Pulse 1 Pri (ur) 1649 1632 1163 1489 1722 1542 1697 1192 1633 1742 1336 1252 1486	Pulse 2 Pri(us) 0 1278 1773 0 0 1796 1982 1899 1472 0 1948 1599 1667 1189	Pulse 3 Pri(us) 0 0 0 0 0 0 0	539578 1096484 1516588 2447587 2997459 3394294 4512402 4671991 5983374 6515179 7236901 7715395 8045770 9143316	Start Burst Interval (us) 0 666667 1333334 2000001 266668 333335 4000002 466669 533336 6000003 6666670 733337 8000004 8666671	End Burst Interval(us) 666666 1333333 2000000 2666667 3333334 4000001 4666668 5333336 6000002 6666669 7333336 8000003 8666670 9333337
eform Nu of Burs st Inter	812520 ar of pulses in the	3 1 1 waveform = ; **********************************	Chirp (Mutz) 18 9 20 17 16 19 17 20 14 19 5 7 13 8	Type (us) 95 96 90 85 95 85 90 100 90 95 96 90	Pulse 1 Pri(us) 1649 1632 1163 1489 1722 1542 1697 1192 1633 1742 1336 1252 1486 1948	Pulse 2 Px1(us) O 1278 1773 O 0 1736 1952 1839 1472 O 1948 1559 1657 1188 1147	Pulse 3 Px1(us) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	539578 1096484 1816588 2447587 2997459 3394294 4512402 4671991 5983374 6515179 7236901 7715395 8045770 9143316 9851384	Start Burst Interval (us) 0 666667 1333334 2000001 2666688 333335 4000002 4666689 533336 6000003 6666670 7333337 8000004 8666671 933338	End Burst Interval (us) 666666 1333333 2000000 2666667 333334 4000001 4666668 5333335 6000002 6666669 7333336 8000003 866670 9333337 10000004



				Type !	5 Radar W	laveform	1_11			
	Num = 11									
	rsts = 10 erval (us)= 1200	1000								
rst	Off Time (us) 393450	# Pulses	Chirp (MHz)	P₩ (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	1882266	2	6	100	1838	1940	0	393450	0	1199999
	547605	1	14	65	1300	0	0	2279494	1200000	2399999
		3	14	85	1977	1437	1160	2828399	2400000	3599999
	1260363	2	14	100	1439	1044	0	4093336	3600000	4799999
	1450511	1	19	85	1937	0	0	5546330	4800000	5999999
	799291	3	9	90	1178	1128	1823	6347558	6000000	7199999
	1208044	3	19	55	1823	1805	1524	7559731	7200000	8399999
	1105271	2	12	100	1832	1309	0	8670154	8400000	9599999
	1470152		12	80	1089	0	0	10143447		10799999
	1605722	1							9600000	
	ber of pulses in			75	1105	1188	1805	11750258	10800000	11999999
						*				
				Type !	5 Radar W	/aveform	<u></u>			
n of Bur	Num = 12 rsts = 9									
st Inte	erval (us)= 1333	1333								
st	Off Time (us) 371	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	2143069	3	13	65	1237	1802	1433	371	0	1333332
		2	17	65	1869	1710	0	2147912	1333333	2666665
	743731	3	19	55	1666	1606	1938	2895222	2666666	3999998
	2362619	3	13	65	1178	1704	1797	5263051	3999999	5333331
	1080484	3	18	90	1715	1395	1134	6348214	5333332	6666664
	969130	3	16	95	1811	1456	1475	7321588	6666665	7999997
	677753									
	2554757	2	8	90	1033	1836	0	8004083	7999998	9333330
		2	7	55	1597	1650	0	10561709	9333331	10666663
	388336			65		1000	1094	10050000	10666664	11999996
	388336	3	13	00	1777	1330	1094	10953292	10000001	11000000
al numb	388336 ber of pulses in	n waveform = 2	24				1094	10953292	1000001	1155555
al numb	ber of pulses in	n waveform = 2	24	**********		**		10963292		11000000
	ber of pulses in	a waveform = 2	24	**********		**		10903292	1000001	1100000
reform No of Burst Inte	ber of pulses in ************************************	a waveform = 2	24	**********		**		Start Loc	Start Buyet	End Burs+
reform No of Burst Inte	ber of pulses in	n waveform = 2	Chirp	Type (5 Radar W	/aveform	n_13	Start Loc	Start Burst Interval(us)	End Burst Interval(us)
reform No of Burst Inte	Num = 13 rets = 19 exts = 19 exts = 19 exts = (us) = 6315 Off Time 485532 552925	n waveform = 2	Chirp	Type \$	5 Radar W	/aveform	1_13	Start Loc	Start Burst	End Burst
eform No of Burst Inte	ber of pulses in Num = 13 sets = 19 crys (us) = 6315 Off Time (us) 486532	a waveform = 1	Chirp (MHz) 5	Type (Pulse 1 Px1 (us) 1546 1527 1601	Pulse 2 Pxi(ue) 1608 1206	Pulse 3 Pri(ue) 1001 0	Start Loc (ue) 48552 1042612 1459520	Start Burst Interval(us) 0 631579 1263158	End Burst Interval(us) 631578 1263157 1894736
reform No of Burst Inte	Num = 13 rets = 19 erval (us) = 6315' Off Time (us) 485532 662925 414175 940078 328391	1 waveform = 2	Chirp (MHz) 5	Type (Pulse 1 Pri(us) 1546 1527 1601	Pulse 2 Pri (ue) 1608 1206	Pulse 3 Pri(us) 1001	Start Loc (ug) 485532 1042512 1459520 2401199	Start Burst Interval(us) 0 631579 1263158 1894737	End Burst Interval(us) 631578 1263157 1894736 2526315
reform No of Burst Inte	Num = 13 rets = 19 crts = 19 for Time (480502 480502 441175 940078 928391 971573	a waveform = 1 	Chirp (MHz) 5 7 6 17	Type (12) 50 95	Pulse 1 Px1 (us) 1546 1527 1601	Pulse 2 Pri(us) 1608 1206 0 1382	Pulse 3 Pri(us) 1001 0	Start Loc (ue) 48552 1042612 1459520	Start Burst Interval(us) 0 631579 1263158 1894737 2526316 3157895	End Burst Interval(us) 631578 1263157 1894736 2526315 3157894 3789473
reform No of Burst Inte	Num = 13 rets = 19 erval (us) = 6315' Off Time (us) 485532 662925 414175 940078 328391	a waveform = 1	Chirp (MHz) 5 7 6 17 14 20	Type ((us) 50 95 70 95 90 80 65	Pulse 1 Pri(us) 1546 1627 1601 1134 1322 1642 1956	Pulse 2 Pri(us) 1608 1206 0 1382 1064 1435	Pulse 3 Pri(us) 1001 0 0 1690 1463 1076	Start Loc (us) 485532 1042612 1459520 2401199 2733796 3709218 4239701	Start Burst Interval(us) 0 631579 1263158 1894737 2526316 3157895 3789474	End Burst Interval(us) 631578 1263157 1894736 2526315 3157894 3789473 4421052
reform No of Burst Inte	Num = 13 rets = 19 rets = 19 for Time (4805)2 4805)2 44175 940078 928391 971573 526430 392605 824443	a waveform = 2	Chirp (MMz) 5 7 6 17 14	Type \$	Fulse 1 Pri(us) 1548 1627 1601 1134 1322 1542	Pulse 2 Pri(ur) 1608 1206 0 1382 1064 1435	Pulse 3 Pri(us) 1001 0 0 1690 1463 1076	Start Loc (us) 485532 1042612 1459520 2401199 2733796 3709218	Start Burst Interval(us) 0 631579 1263158 1894737 2526316 3157895	End Burst Interval(us) 631578 1263157 1894736 2526315 3157894 3789473
reform N n of Bur st Inte	Num = 13 rsts = 19 rsts = 19 Off Time (us) = 6316 (us) = 6316 486532 562925 414175 940078 328391 971573 528430 392805	a waveform = 2	Chixp (MHz) 5 7 6 17 14 20 5 6 9	Type (""" """ """ """ """ """ """	Pulse 1 Px1(ur) 1546 1627 1601 1134 1322 1542 1955 1916 1002 1823	Pulse 2 Pri(ue) 1608 1206 0 1382 1064 1435 0 1770 1963	Pulse 3 Pri(ue) 1001 0 0 1690 1463 1076 0 1456 1583 0	Start Loc (ue) 48552 1042612 1469520 2401199 2733796 3709218 4239701 4634261 5453846 5872482	Start Burst Interval(us) 0 631679 1263158 1894737 2526316 3157895 3789474 4421053 5052632 5684211	End Burst Interval(us) 631578 1263157 1894736 2526315 3157894 3789473 4421052 5052631 5684210 6315789
reform N reform St Inte	Num = 13 rsts = 19 srvsl (us) = 6315 (ff Time (us) 488532 552925 414175 940078 928391 971573 528430 392805 824443 504088 873287 589450	a waveform = 2	Chirp (MHz) 5 6 17 14 20 5 6	Type \$	Pulse 1 Pri(us) 1546 1527 1601 1134 1322 1542 1955 1916 1002 1823 1869	Pulse 2 Pri (ur) 1608 1206 0 1382 1064 1435 0 1770 1963	Pulse 3 Pri(us) 1001 0 0 1690 1463 1076 0 1456 1583 0	Start Loc (us) 485532 1042612 1459520 2401199 2733796 3709218 4239701 4634261 5463846 5972482 6847592	Start Burst Interval(us) O 631579 1263158 1894737 2526316 3157895 3789474 4421053 5052632	End Burst Interval(us) 631578 1263157 1894796 2526315 3157894 3789473 4421052 5052631 5684210 6315789 6947368
reform N no f Bur	Num = 13 rete = 19 eval (u) = 6315' (of Time (us) 485532 662225 414175 940078 328391 971573 528430 392605 824443 504088 875287 589450 687844	2 waveform = 1	Chirp (MHz) 5 7 6 17 14 20 5 6 9 14	Type (************************************	Pulse 1 Px1(ur) 1546 1627 1601 1134 1322 1542 1955 1916 1002 1823	Pulse 2 Pri(us) 1608 1206 0 1382 1064 1435 0 1770 1963 0	Pulse 3 Pri(ue) 1001 0 0 1690 1463 1076 0 1456 1583 0	Start Loc (ue) 48552 1042612 1469520 2401199 2733796 3709218 4239701 4634261 5453846 5872482	Start Burst Interval(us) 0 631579 1263158 1894737 2526316 3157895 3789474 4421053 5052632 5684211 6315790	End Burst Interval(us) 631578 1263157 1894736 2526315 3157894 3789473 4421052 5052631 5684210 6315789
reform Na of Bur	Num = 13 rsts = 19 srvsl (us) = 6315 (ff Time (us) 488532 552925 414175 940078 928391 971573 528430 392805 824443 504088 873287 589450	1 waveform = 1	Chirp (MHz) 5 7 6 17 14 20 5 6 9 14 12 16 20	Pw (us) 50 95 70 96 80 65 65 80 66 90 66	Pulse 1 Pri (us) 1546 1527 1601 1134 1322 1542 1956 1916 1002 1823 1859 1267 1078 1915	Pulse 2 Pxi(us) 1608 1206 0 1382 1064 1435 0 1770 1963 0 1760 1062 0	Pulse 3 Pri(us) 1001 0 1690 1463 1076 0 1456 1583 0	Start Loc (us) 485532 1042612 1459520 2401199 2733796 3709218 4239701 4634261 5463846 5972482 6847592 7440661 8130824 8419743	Start Burst Interval(us) 0 631579 1263158 1894737 2526316 3157895 3789474 4421053 5052632 5684211 6315790 6947369 7578948 8210527	End Burst Interval(us) 631578 1263157 1894736 2526315 3157894 3789473 4421062 5052631 5684210 6315789 6947368 7578947 8210526 8842105
	Num = 13 rets = 19 erval (us) = 6315 Off Time (485532 5652925 414175 940078 928391 971573 528430 392805 824449 504088 873287 589450 687844 287841 1002457 657844	a waveform = 2	Chirp (MMz) 5 7 6 17 14 20 5 6 9 14 12 16 20	Type \$	Pulse 1 Pri(us) 1546 1527 1601 1134 1322 1542 1965 1916 1002 1823 1859 1267	Pulse 2 Pri(ue) 1608 1206 0 1382 1064 1435 0 1770 1963 0 1760 1052 0	Pulse 3 Pri(us) 1001 0 0 1463 1076 0 1456 1583 0	Start Loc (us) 485532 1042612 1459520 2401199 2733796 3709218 4239701 4634261 5463846 5972482 6847592 7440661 8130824	Start Burst Interval(us) O 631579 1263158 1894737 2526316 3157895 3789474 4421053 5052632 5684211 6315790 6947369 7578948	End Burst Interval(us) 631578 1263157 1894736 2526315 3157894 3789473 4421052 5052631 5684210 6315789 6947368 7578947 8210526
reform N n of Bur	Num = 13 rste = 19 rste = 19 crts = 19 Gff Time (us) = 6316 Off Time 486532 552925 414175 940078 328391 971573 528430 392805 824443 504088 873287 589450 687844 287841 1002457	2 vaveform = 2 interpretation =	Chirp (MHz) 5 7 6 17 14 20 5 6 9 14 12 16 20	Type (122) 50 96 70 95 90 80 65 65 90 96 90	Pulse 1 Pri(us) 1546 1527 1601 1134 1322 1542 1956 1916 1002 1823 1869 1267 1078	Pulse 2 Pri (us) 1608 1206 0 1382 1064 1435 0 1770 1963 0 1760 1052 0	Pulse 3 Pri(us) 1001 0 0 1690 1463 1076 0 1456 1583 0	Start Loc (us) 485532 1042512 1469520 2401199 2733796 3709218 4239701 4634261 5453846 5972482 6847592 7440661 8130824 8419743 9427285	Start Burst Interval (us) 0 631579 1263158 1894737 2526316 3157895 3789474 4421053 5052632 5684211 6315790 6947369 7578948 8210527 8842106	End Burst Interval(us) 631578 1263157 1894736 2526315 3157894 3789473 4421052 5052631 5684210 6315789 6947368 7578947 8210526



				Type !	5 Radar W	laveform	14			
weform Num of Bur	um = 14 sts = 10 rval (us)= 1200	0000								
ırst ırst	Off Time (us)	#	Chirp (MHz)	P₩ (vo.)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us
	72995	Pulses		(us)						
	2269957	3	12	80	1046	1689	1896	72995	0	1199999
	444623	2	10	95	1693	1468	0	2347583	1200000	2399999
	1933907	3	15	100	1776	1885	1087	2795367	2400000	3599999
		3	5	85	1561	1441	1994	4734022	3600000	4799999
	908627	3	10	80	1360	1281	1326	5647645	4800000	5999999
	1512003	1	9	55	1259	0	0	7163615	6000000	7199999
	887685	3	13	55	1006	1054	1623	8052559	7200000	8399999
	741123	1	16	100	1460	0	0	8797365	8400000	9599999
	1330367									
	1793079	3	11	95	1949	1818	1315	10129192	9600000	10799999
) tal numb:	er of pulses in	2 n waveform = :	5 24	70	1380	1367	0	11927353	10800000	11999999
						letek				
				Type 5	5 Radar W	laveform	1_15			
eform Nu	ım = 15 sts = 19 rval (us)= 6315	79								
st inter	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1	Pulse 2	Pulse 3	Start Loc		ind Burst
	(us) 199113	Pulses 2	(MHz) 7	(us) 65	Pri (us) 1341	Pri(us) 1707	Pri(us) O	(us) 199113		nterval (us) 631578
	1035948 547275	3	6	100	1422	1268	1594	1238109		1263157
	547534	3	20 12	80 60	1843 1911	1842 1166	1182 1685	1789668 2342069		1894736 2526315
	222689	3	12 7	60 60	1911 1052	1166 1108	1685 0	2342069 2569520		2526315 3157894
	873015 348131	3	8	55	1492	1465	1852	3444695		3789473
	348131 624587	1	6	65	1321	0	0	3797635		4421052
	1131825	1	12 17	95 60	1613 1179	0	0	4423543 5556981		5052631 5684210
	469778	2	12	55	1569	1546	0	6027938		6315789
	639736 634228	3	5	80	1259	1517	1381	6670789		6947368
	712189	2	18 7	70 100	1422 1858	1084	0	7309174 8023869		7578947 8210526
	533208	1	5	70	1852	0	0	8558935		8842105
	577746 490975	2	19	70	1817	1843	0	9138533		9473684
	1023967	3	10	90	1514	1736	1219	9633168		10105263
	531601	3	9	50 55	1860 1523	1116 1615	1637 o	10661604 11197818		10736842 11368421
	529850 or of pulses in	2	18	70	1265	1423	0	11730806		12000000
ar numbe	or pulses in	waverorm = 4								
				Type !	5 Radar W	<i>l</i> aveform	16			
	um = 16 sts = 11 rval (us)= 1090	909								
st	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us
	49571	3	12	90	1634	1101	1007	49571	0	1090908
		2	6	70	1565	1948	0	1757924	1090909	2181817
	1704611	4		50	1565	1380	0	2611222	2181818	3272726
	849785	2	10	50						
			10 19	90	1187	1694	1279	3978010	3272727	4363635
	849785	2	19	90	1187 1268			3978010 4742234		
	849785 1363843	2 3 3	19 9	90 60	1268	1996	1053	4742234	4363636	5454544
	849785 1363843 760064	2 3 3 2	19 9 15	90 60 65	1268 1082	1996 1965	1053 0	4742234 5971400	4363636 5454545	5454544 6545453
	849785 1363843 760064 1224849	2 3 3 2 2	19 9 15 10	90 60 65 80	1268 1082 1175	1996 1965 1499	1053 0 0	4742234 5971400 7419612	4363636 5454545 6545454	5454544 6545453 7636362
	849785 1363843 760064 1224849 1445165	2 3 3 2 2	19 9 15 10 8	90 60 65 80 70	1268 1082	1996 1965 1499 1711	1053 0 0 0	4742234 5971400	4363636 5454545	5454544 6545453
	849785 1363843 760064 1224849 1445165 1213009	2 3 3 2 2	19 9 15 10	90 60 65 80	1268 1082 1175	1996 1965 1499	1053 0 0	4742234 5971400 7419612	4363636 5454545 6545454	5454544 6545453 7636362
	849785 1363843 760064 1224849 1445165 1213009 1028690	2 3 3 2 2	19 9 15 10 8	90 60 65 80 70	1268 1082 1175 1953	1996 1965 1499 1711	1053 0 0 0	4742234 5971400 7419612 8635295	4363636 5454545 6545454 7636363	5454544 6545453 7636362 8727271



				Type !	5 Radar W	laveform	า_17			
weform Number	sts = 15									
rst Inte rst	rval (us)= 8000 Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc		nd Burst
	(us) 319088	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)		nterval (us)
	968700	3	14	85	1030	1575	1467	319088		799999
	704534	1	15	80	1993	0	0	1291860		1599999
	931734	1	11	70	1272	0	0	1998387		2399999
	748330	2	15	55	1323	1634	0	2931393		3199999
	786112	1	18	65	1902	0	0	3682680		3999999
	332956	1	7	90	1261	0	0	4470694		4799999
	860043	1	12	60	1690	0	0	4804911		5599999
	1193034	1	20	70	1915	0	0	5666644	5600000	6399999
	842983	2	20	90	1456	1720	0	6861593	6400000	7199999
)	805970	3	5	85	1165	1118	1186	7707752	7200000	7999999
	554429	1	15	75	1941	0	0	8517191	8000000	8799999
2	641125	2	5	55	1144	1247	0	9073561	8800000	9599999
3	1377030	1	12	90	1479	0	0	9717077	9600000	10399999
ı	157996	1	8	65	1797	0	0	11095586	10400000	11199999
5		1	9	50	1211	0	0	11255379	11200000	11999999
tal numb otototototo	er of pulses in	. waveform = 2 okokokokokokokokokok	:2 			k				
				Type :	5 Radar W	laveform	า_18			
	sts = 13									
rst Inte rst	erval (us)= 9230 Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us)	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us
	126024	3	18	55	1020	1505	1293	126024	0	923076
	1053810	1	18	65	1483	0	0	1183652	923077	1846153
	867821	1	17	85	1850	0	0	2052956	1846154	2769230
	1172680						-			
	1077486	1	14	75	1591	0	0	3227486	2769231	3692307
	502047	1	10	95	1491	0	0	4306563	3692308	4615384
		2	13	85	1179	1957	0	4810101	4615385	5538461
	1507860	2	5	90	1853	1486	0	6321097	5538462	6461538
	354559	1	12	70	1593	0	0	6678995	6461539	7384615
	1539327	2	12	50	1820	1495	0	8219915	7384616	8307692
	886780									
)	199405	1	12	65	1059	0	0	9110010	8307693	9230769
	1320688	3	20	50	1671	1362	1110	9310474	9230770	10153846
:		2	17	50	1854	1362	0	10635305	10153847	11076923
3	811155	2	9	50	1951	1967	0	11449676	11076924	12000000
al numb	er of pulses in	n waveform =	22 1301301010101010		**************					
				Type !	5 Radar W	/aveform	า 19			
reform N	hım = 19			- 7			<u></u>			
n of Bur	sts = 10 erval (us)= 120	0000								
	Off Time (us) 1030017	# Pulses	Chirp (MHz)	P₩ (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us) Interval(u
st		1	18	90	1525	0	0	1030017	0	1199999
st			11	75	1586	1871	1005	1883324	1200000	2399999
st	851782	3	11			0	0		2400000	
est				ee	1000			3107845		3599999
st	851782	3 1	5	65	1772	v	v		2400000	
st	851782 1220059 494063			65 50	1772 1066	1620	1936	3603680	3600000	4799999
st	851782 1220059	1 3	5 16	50	1066	1620	1936		3600000	
st	851782 1220059 494063	1 3 3	5 16 6	50 65	1066 1654	1620 1124	1936 1438	4811017	3600000 4800000	5999999
st	851782 1220059 494063 1202715 2223994	1 3	5 16	50	1066	1620	1936		3600000	
st	851782 1220059 494063 1202715	1 3 3 3	5 16 6 14	50 65 70	1066 1654 1304	1620 1124 1839	1936 1438 1357	4811017 7039227	3600000 4800000 6000000	5999999 7199999
rst	851782 1220059 494063 1202715 2223994	1 3 3 3 3	5 16 6 14 12	50 65 70 65	1066 1654 1304 1875	1620 1124 1839 1357	1936 1438 1357 1434	4811017 7039227 8175272	3600000 4800000 6000000 7200000	5999999 7199999 8399999
rst	851782 1220059 494063 1202715 2223994 1131545 417403	1 3 3 3	5 16 6 14	50 65 70	1066 1654 1304	1620 1124 1839	1936 1438 1357	4811017 7039227	3600000 4800000 6000000	5999999 7199999
rst	851782 1220059 494063 1202715 2223994 1131545	1 3 3 3 3	5 16 6 14 12	50 65 70 65	1066 1654 1304 1875	1620 1124 1839 1357	1936 1438 1357 1434	4811017 7039227 8175272	3600000 4800000 6000000 7200000	5999999 7199999 8399999
)	851782 1220059 494063 1202715 2223994 1131545 417403	1 3 3 3 3	5 16 6 14 12 18	50 65 70 65 70	1066 1654 1304 1875 1069	1620 1124 1839 1357	1936 1438 1357 1434 0	4811017 7039227 8175272 8597341	3600000 4800000 6000000 7200000 8400000	5999999 7199999 8399999 9599999



				Туре	5 Radar V	Vaveforn	n_20			
aveform N um of Bur urst Inte	fum = 20 sts = 12 rval (us)= 100	00000								
urst	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Lo		Burst End Burst val(us) Interval(us
1	942185	1	6	65	1231	0	0	942185	0	999999
2	847375	2	16	65	1549	1014	0	179079:	1 10000	00 1999999
3	626128	2	14	75	1772	1721	0	241948	2 20000	00 299999
4	717488	3	10	60	1570	1575	1990	314046		
5	1144453	2	12	100	1492	1151	0	429005		
,	1159889	3	11	90	1987	1824	1178	545258		
,	1519835									
	487425	3	16	95	1520	1196	1959	697740		
;	540603	3	9	60	1227	1598	1244	746950		
ı	1083730	3	18	70	1866	1594	1837	8014179	9 80000	00 8999999
.0	1035908	1	7	90	1866	0	0	9103206	6 90000	00 9999999
.1	1118561	2	15	85	1210	1818	0	1014098	BO 10000	000 10999999
2		3	16	75	1670	1092	1235	1126256	69 11000	000 11999999
**********	er of pulses i	n waverorm -	20 1000000000000							
				Туре	5 Radar V	Vaveforn	n_21			
veform Nu m of Burs	um = 21 sts = 16									
rst Inter rst	rval (us)= 7500 Off Time	#	Chirp (MHz)	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 79715	Pulses 1	(MHz) 17	(us) 90	Pri (us) 1160	Pri(us)	Pri(us)	(us) 79715	Interval (us)	Interval (us) 749999
	1030308	1	14	50	1057	0	0	1111183	750000	1499999
	869674	3	17	100	1819	1055	1748	1981914	1500000	2249999
	767801	2	8	70	1628	1780	0	2754337	2250000	2999999
	379962 1112706	3	17	95	1870	1322	1623	3137707	3000000	3749999
	804025	3	5	65	1764	1063	1439	4255228	3750000	4499999
	422633	1	6	80	1570	0	0	5063519	4500000	5249999
	577317	2	17	65	1094	1212	0	5487722	5250000	5999999
0	762963	3	10 19	75 70	1882 1294	1274 1433	1741 1133	6067345 6835205	6000000 6750000	6749999 7499999
1	1150321	2	16	90	1021	1807	0	7989386	7500000	8249999
2	567263	3	9	50	1996	1698	1427	8559477	8250000	8999999
3	1166822	3	13	50	1553	1587	1134	9731420	9000000	9749999
4	283314 1093011	2	19	70	1399	1666	0	10019008	9750000	10499999
5	350328	3	12	85	1818	1076	1998	11115084	10500000	11249999
6 tal numbe kokokoko	er of pulses in	2 waveform = 3	7 7 **********************************	80 ***********	1895 1000000000000000000000000000000000000	1088	0	11470304	11250000	11999999
				Type	5 Radar V	Vaveforn	n 22			
				Турс	O Radai V	Tavoloi ii				
veform Nu	um = 22 sts = 13 rval (us)= 9230	77								
m of Bur: rst Inter	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
rst Inter	990400	2	15	50	1291	1934	0	889699	0	923076
rst Inter	889699	-	5	80	1460	0	0	1542715	923077	1846153
rst Inter	889699 649791	1	9			1547	1551	2503004	1846154	2769230
rst Inter	889699 649791 958829		10	80	1241					
rst Inter	889699 649791 958829 608467	1		80 65	1241 1721	1996	1361	3115810	2769231	3692307
rst Inter	889699 649791 958829 608467 759037	1 3	10			1996 1210	1361 1370	3115810 3879925	2769231 3692308	3692307 4615384
rst Inter	889699 649791 958829 608467 759037 1646876	1 3 3	10 18	65	1721					
rst Inter	889699 649791 958829 608467 759037	1 3 3 3 2	10 18 15 11	65 80 80	1721 1806 1292	1210 1261	1370 0	3879925 5531187	3692308 4615385	4615384 5538461
rst Inter	889699 649791 958829 608467 759037 1646876	1 3 3 3 2	10 18 15 11	65 80 80 50	1721 1806 1292 1864	1210 1261 0	1370 0 0	3879925 5531187 5619483	3692308 4615385 5538462	4615384 5538461 6461538
rst Inter	889699 649791 958829 608467 759037 1646876 85743	1 3 3 3 2 1 3	10 18 15 11 12	65 80 80 50 80	1721 1806 1292 1864 1038	1210 1261 0 1805	1370 0 0 1826	3879925 5531187 5619483 7144417	3692308 4615385 5538462 6461539	4615384 5538461 6461538 7384615
rst	889699 649791 958829 608467 759037 1646876 85743 1523070	1 3 3 3 2 1 3	10 18 15 11 12 10	65 80 80 50 80 70	1721 1806 1292 1864 1038 1576	1210 1261 0 1805	1370 0 0 1826 0	3879925 5531187 5619483 7144417 7407551	3692308 4615385 5538462 6461539 7384616	4615384 5538461 6461538 7384615 8307692
rst Inter	889699 649791 958829 608467 759037 1646876 85743 1523070 258465	1 3 3 3 2 1 3 1	10 18 15 11 12 10 12	65 80 80 50 80 70	1721 1806 1292 1864 1038 1576	1210 1261 0 1805 0 1686	1370 0 0 1826 0	3879925 5531187 5619483 7144417 7407551 9133763	3692308 4615385 5538462 6461539 7384616 8307693	4615384 5538461 6461538 7384615 8307692 9230769
rst Inter	889699 649791 958829 608467 759037 1646876 85743 1523070 258465 1724636	1 3 3 3 2 1 3 1 2	10 18 15 11 12 10 12 10 5	65 80 80 50 80 70 95	1721 1806 1292 1864 1038 1576 1082	1210 1261 0 1805 0 1686	1370 0 0 1826 0 0	3879925 5531187 5619483 7144417 7407551 9133763 10066974	3692308 4615385 5538462 6461539 7384616 8307693 9230770	4615384 5538461 6461538 7384615 8307692 9230769 10153846
rst Inter	889699 649791 958829 608467 759037 1646876 85743 1523070 258465 1724636 930443	1 3 3 3 2 1 3 1	10 18 15 11 12 10 12	65 80 80 50 80 70	1721 1806 1292 1864 1038 1576	1210 1261 0 1805 0 1686	1370 0 0 1826 0	3879925 5531187 5619483 7144417 7407551 9133763	3692308 4615385 5538462 6461539 7384616 8307693	4615384 5538461 6461538 7384615 8307692 9230769



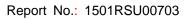
				Type	5 Radar V	Vaveforn	n_23			
reform N	Num = 23									
	rsts = 10 erval (us)= 1200	0000								
st	Off Time (us) 678162	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Lo (us)	c Start Burs Interval(u	
	686784	3	7	60	1538	1290	1669	678162	0	1199999
		3	20	55	1098	1981	1298	1369443	1200000	2399999
	1375563	1	15	100	1330	0	0	2749383	2400000	3599999
	886308	2	12	85	1892	1126	0	3637021	3600000	4799999
	2356840	1	6	75	1422	0	0	5996879	4800000	5999999
	159788	3	12	70	1459	1614	1318	6158089	6000000	7199999
	1395813									
	1326953	2	11	75	1000	1856	0	7558293	7200000	8399999
	910653	1	14	50	1210	0	0	8888102	8400000	9599999
	1497959	3	12	70	1595	1235	1484	9799965	9600000	10799999
		1	7	60	1568	0	0	1130223	10800000	11999999
	per of pulses in Helelelelelelelelelelelelelelelelelelel			************	*************************************	ctotot :				
				Type	5 Radar V	Vaveforn	n 24			
eform N	him = 24			7.			_			
st Inte st	orval (us)= 6666 Off Time	#	Chirp	₽₩	Pulse 1	Pulsa 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 325587	Pulses	Chirp (MHz)	(us)	Pri(us)	Pulse 2 Pri(us)	Pri(us)	(us)	Interval (us) Interval(us)
	451450	3	16 20	95 80	1550 1285	1752 0	1479 0	325587 781818	o 666667	666666 1333333
	582655 1024645	3	12	85	1587	1765	1825	1365758	1333334	2000000
	658456	2	20	85	1155	1376	0	2395580	2000001	2666667
	756973	1	14 10	100 95	1005 1033	0	0	3056567 3814545	2666668 3333335	3333334 4000001
	559728	3	11	70	1247	1725	1684	4375306	4000002	466668
	411004 774581	3	17	75	1625	1484	1535	4790966	4666669	5333335
	693733	3	15	75	1958	1736	1097	5570191	5333336	6000002
	1008928	2	14 11	90 85	1843 1788	0 1644	0	6268715 7279486	6000003 6666670	6666669 7333336
	432520 780714	3	17	60	1289	1529	1475	7715438	7333337	8000003
	425563	2	17	50	1095	1576	0	8500445	8000004	8666670
	930774	2	14 15	90 90	1325 1906	0 1072	0	8928679 9860778	8666671 9333338	9333337 10000004
	522647	2	20	100	1919	1818	0	10386403	10000005	10666671
	775082 167448	3	15	100	1379	1907	1275	11165222	10666672	11333338
al numb		1 waveform = 3	18 37 1444444444	95	1751	o •••	0	11337231	11333339	12000005
					5 Radar V		n 25			
eform N	hum = 25			.ypo	o itaaai i	14101011				
st Inte	sts = 17 rval (us)= 70588	32								
st	Off Time (us) 585961	# Pulses	(MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Interval (us) I	nd Burst nterval(us)
	412883	3	19	55	1762	1243	1996	585961 1003845		705881 1411763
	424153	3	18 15	100 90	1172 1400	1689 1009	1699 0	1003845		1411763 2117645
	1298799 377032	2	10	65	1957	1847	0	2733766		2823527
	577032 611236	2	6	85	1318	1694	0	3114602		3529409
	929762	3	19 12	55 75	1645 1836	1755 1709	1988 0	3728850 4664000		4235291 4941173
	812096	3	10	70	1130	1578	1121	5479641		4941173 5647055
	761598	1	9	75	1102	0	0	6245068		6352937
	382446 995516	2	9	70	1208	1873	0	6628616		7058819
	667057	1	16	90	1818	0	0	7627213		7764701
	681490	3	5 10	100	1450 1913	1244 0	1049 0	8296088 8981321		3470583 9176465
	364212	1	7	65	1425	0	0	9347446		9882347
	703421	1	15	95	1263	0	0	10052292		10588229
	1227929									
	1227929 91622	2	10 13	55 50	1475 1532	1197 1159	0 1576	11281484 11375778		11294111 11999993



weform No				Type !	5 Radar V	/aveform	1_26			
m of Burs	um = 26 rts = 19 rval (us)= 6315	79								
ırst	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3	Start Loc (us)	Start Burst	End Burst
	(us) 576313	Pulses 3	(MHZ)	70	1093	1789	Pri(us) 1248	576313	Interval (us)	Interval (us) 631578
	256680	3	7	90	1487	1519	1387	837123	631579	1263157
	472217	2	15	60		1235	0	1313733	1263158	1894736
	1056408				1300					
	438233	3	11	50	1640	1626	1561	2372676	1894737	2526315
	874516	1	14	55	1877	0	0	2815736	2526316	3157894
	348846	2	13	90	1863	1200	0	3692129	3157895	3789473
	996866	2	8	50	1055	1132	0	4044038	3789474	4421052
	610901	1	6	50	1793	0	0	5043091	4421053	5052631
	449933	2	10	85	1193	1134	0	5655785	5052632	5684210
0	414854	2	6	55	1959	1429	0	6108045	5684211	6315789
1	946287	2	12	70	1585	1776	0	6526287	6315790	6947368
2	650731	1	7	50	1650	0	0	7475935	6947369	7578947
3	127864	3	Б	95	1305	1345	1505	8128316	7578948	8210526
1	1011253	1	10	50	1576	0	0	8260335	8210527	8842105
5	601558	3	16	75	1859	1220	1014	9273164	8842106	9473684
3	524641	2	5	50	1143	1366	0	9878815	9473685	10105263
7	822834	2	5	70	1805	1464	0	10405965	10105264	10736842
3	149873	2	20	90	1565	1502	0	11232068	10736843	11368421
9		1	12	75	1019	0	0	11385008	11368422	12000000
ai numbe	or pulses in	waverorm = (,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	**********	***********	**				
				Type !	5 Radar W	/aveform	1_27			
eform Nu of Burs st Inter	m = 27 ts = 19 val (us)= 63157	'9								
st	Off Time	#	Chirp	PW	Pulse 1	Pulse 2 Pri(us)	Pulse 3	Start Loc	Start Burst Interval(us)	End Burst Interval(us)
	(us) 179815	Pulses	Chirp (MHz)	(us)	Pri(us)		Pulse 3 Pri(us)	Start Loc (us)		
	638269	3	8	90	1695	1203	1158	179815	0	631578
	670748	2	12	80	1612	1188	0	822140	631579	1263157
	738602	2	7	95	1674	1396	0	1495688	1263158	1894736
	653630	3	18	65	1978	1259	1333	2237360	1894737	2526315
	850275	1	18	80	1091	0	0	2895560	2526316	3157894
	416321	3	11	80	1322	1948	1860	3746926	3157895	3789473
		3	7	75	1502	1094	1914	4168377	3789474	4421052
	760960	1	12	100	1108	0	0	4933847	4421053	5052631
	456340	3	12	60	1561	1040	1465	5391295	5052632	5684210
	297437	2	16	80	1778	1760	0	5692798	5684211	6315789
	1176795	2	5	55	1844	1494	0	6873131	6315790	6947368
	327862	3	19	75	1459	1686	1071	7204331	6947369	7578947
	869186	3	10	90	1451	1738	1897	8077733	7578948	8210526
	370525	2	10	90	1452	1874	0	8453344	8210527	8842105
	425907	3	15	100	1783	1183	1423	8882577	8842106	9473684
	597289									
	1126385	3	18	95	1740	1066	1576	9484255	9473685	10105263
	381722	2	16	65	1071	1081	0	10615022	10105264	10736842
	636501	2	5	55	1843	1802	0	10998896	10736843	11368421
al numbe	r of pulses in	3 waveform = 46	20 6	85	1243	1391	1154	11639042	11368422	12000000
++++++++	***************************************	***************************************	*********			*				
				Type !	5 Radar W	/aveform	1_28			
	um = 28 sts = 14 sval (us)= 8571	43								
of Burs	, , , 0011	#	Chien	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
of Burs	Off Time		Chirp (MHz)	(us)	Pulse l Pri(us)	Pulse 2 Pri(us)	Pulse 5 Pri(us)	Start Loc (us)	Interval(us)	Interval (us)
of Burs	Off Time	Pulses		55	1690	0	0	657496	0	857142
of Burs	Off Time (us) 657496		15		1000	~	0			
of Burs	(us)	1	15		1 100	4405		1184274	857143	1714285
of Burs	(us) 657496 525088	1 2	8	60	1402	1105				
of Burs	(us) 657496 525088 1306531	1			1402 1932	1105 1620	1909	2493312	1714286	2571428
of Burs	(us) 657496 525088 1306531 295378	1 2	8	60						
of Burs	(us) 657496 525088 1306531	1 2 3 2	8 10 14	60 55 85	1932 1810	1620 1044	1909 0	2493312 2794151	1714286 2571429	2571428 3428571
of Burs	(us) 657496 525088 1306531 295378	1 2 3 2 2	8 10 14 19	60 55 85 75	1932 1810 1972	1620 1044 1146	1909 0 0	2493312 2794151 3490452	1714286 2571429 3428572	2571428 3428571 4285714
of Burs	(us) 657496 525088 1306531 295378 693447	1 2 3 2	8 10 14	60 55 85	1932 1810	1620 1044	1909 0	2493312 2794151	1714286 2571429	2571428 3428571
of Burs	(us) 657496 525088 1306531 295378 693447 1004593	1 2 3 2 2	8 10 14 19	60 55 85 75	1932 1810 1972	1620 1044 1146	1909 0 0	2493312 2794151 3490452	1714286 2571429 3428572	2571428 3428571 4285714
of Burs	(us) 657496 525088 1306531 295378 693447	1 2 3 2 2 1	8 10 14 19 18	60 55 85 75 80 80	1932 1810 1972 1611 1547	1620 1044 1146 0 1894	1909 0 0 0	2493312 2794151 3490452 4498163 5334336	1714286 2571429 3428572 4285715 5142858	2571428 3428571 4285714 5142857 6000000
of Burs	(us) 657496 525088 1306531 295378 693447 1004593	1 2 3 2 2 1 2	8 10 14 19 18 14	60 55 85 75 80 80 95	1932 1810 1972 1611 1547	1620 1044 1146 0 1894	1909 0 0 0 0	2493312 2794151 3490452 4498163 5334336 6656901	1714286 2571429 3428572 4285715 5142858 6000001	2571428 3428571 4285714 5142857 6000000 6857143
of Burs	(us) 657496 525058 1306531 295378 693447 1004593 834562 1319124 444463	1 2 3 2 2 1	8 10 14 19 18	60 55 85 75 80 80	1932 1810 1972 1611 1547	1620 1044 1146 0 1894	1909 0 0 0	2493312 2794151 3490452 4498163 5334336	1714286 2571429 3428572 4285715 5142858	2571428 3428571 4285714 5142857 6000000
of Burs	(us) 657496 525088 1306531 295378 693447 1004593 834562 1319124 444463 691241	1 2 3 2 2 1 2	8 10 14 19 18 14	60 55 85 75 80 80 95	1932 1810 1972 1611 1547	1620 1044 1146 0 1894	1909 0 0 0 0	2493312 2794151 3490452 4498163 5334336 6656901	1714286 2571429 3428572 4285715 5142858 6000001	2571428 3428571 4285714 5142857 6000000 6857143
of Burs	(us) 657496 525058 1306531 295378 693447 1004593 834562 1319124 444463	1 2 3 2 2 1 2 1 3 3 3	8 10 14 19 18 14 9 20	60 55 85 75 80 80 95 50	1932 1810 1972 1611 1547 1040 1977	1620 1044 1146 0 1894 0 1841	1909 0 0 0 0 0 0 1734 1111	2493312 2794151 3490452 4498163 5334336 6656901 7102404 7799197	1714286 2571429 3428572 4285715 5142858 6000001 6857144 7714287	2571428 3428571 4285714 5142857 6000000 6857143 7714286 8571429
of Burs	(us) 657496 525088 1306531 295378 693447 1004593 834562 1319124 444463 691241	1 2 3 2 2 1 1 2 3 3 3 1	8 10 14 19 18 14 9 20 14	60 55 85 75 80 80 95 50 70	1932 1810 1972 1611 1547 1040 1977 1517	1620 1044 1146 0 1894 0 1841 1478	1909 0 0 0 0 0 0 1734 1111	2493312 2794151 3490452 4498163 5334336 6656901 7102404 7799197 8990367	1714286 2571429 3428572 4285715 5142858 6000001 6857144 7714287 8571430	2571428 3428571 4285714 5142857 6000000 6857143 7714286 8571429 9428572
reform Nu n of Burs sst Inter	(us) 657496 525088 1306531 295378 693447 1004593 834562 1319124 444463 691241 1187064 738827	1 2 3 2 2 1 2 1 3 3 3	8 10 14 19 18 14 9 20	60 55 85 75 80 80 95 50	1932 1810 1972 1611 1547 1040 1977	1620 1044 1146 0 1894 0 1841	1909 0 0 0 0 0 0 1734 1111	2493312 2794151 3490452 4498163 5334336 6656901 7102404 7799197	1714286 2571429 3428572 4285715 5142858 6000001 6857144 7714287	2571428 3428571 4285714 5142857 6000000 6857143 7714286 8571429
of Burs	(us) 657496 525088 1306531 295378 693447 1004593 834562 1319124 444463 691241 1187064 738827	1 2 3 2 2 1 1 2 3 3 3 1	8 10 14 19 18 14 9 20 14	60 55 85 75 80 80 95 50 70	1932 1810 1972 1611 1547 1040 1977 1517	1620 1044 1146 0 1894 0 1841 1478	1909 0 0 0 0 0 0 1734 1111	2493312 2794151 3490452 4498163 5334336 6656901 7102404 7799197 8990367	1714286 2571429 3428572 4285715 5142858 6000001 6857144 7714287 8571430	2571428 3428571 4285714 5142857 6000000 6857143 7714286 8571429 9428572
of Burs	(us) 657496 525088 1306531 295378 693447 1004593 834562 1319124 444463 691241 1187064 738827	1 2 3 2 2 1 1 2 1 3 3 1 1 2	8 10 14 19 18 14 9 20 14 18	60 55 85 75 80 80 95 50 70 65 65	1932 1810 1972 1611 1547 1040 1977 1517 1836	1620 1044 1146 0 1894 0 1841 1478 0	1909 0 0 0 0 0 0 1734 1111	2493312 2794151 3490452 4498163 5334336 6656901 7102404 7799197 8990367 9731030	1714286 2571429 3428572 4285715 5142858 6000001 6857144 7714287 8571430 9428573	2571428 3428571 4285714 5142857 6000000 6857143 7714286 8571429 9428572 10285715



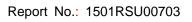
aveform I	rsts = 19	F70								
irst Int irst	erval (us)= 631 Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Bur Interval	rst End Burst (us) Interval(us
	(us) 245395	2	20	80	1438	1196	0	245395	0	631578
	505425	2	6	70	1207	1470	0	753454	631579	1263157
	914644	3	16	70	1511	1088	1125	1670775	1263158	1894736
	517380	2	18	65	1917	1891	0	2191879	1894737	2526315
	676810	3	5	85	1140	1056	1345	2872497	2526316	3157894
	823127	1	11	80	1663	0	0	3699165	3157895	3789473
	622876	2	11	95	1635	1521	0	4323704	3789474	4421052
	445435	1	7	65	1594	0	0	4772295	4421053	5052631
	807519	3	20	80	1492	1885	1773	5581408	5052632	5684210
0	188587	2	17	70	1896	1686	0	5775145	5684211	6315789
1	688332	3	18	65	1777	1337	1184	6467059	6315790	6947368
2	669293 604898	3	6	80	1205	1114	1226	7140650	6947369	7578947
3	684900	3	14	80	1076	1047	1593	7749093	7578948	8210526
4	552678	1	13	70	1072	0	0	8437709	8210527	8842105
.5	684998	3	20	90	1497	1789	1111	8991459	8842106	9473684
6	994548	2	20	65	1742	1729	0	9680854	9473685	10105263
7	674276	1	18	95	1896	0	0	10678873	1010526	10736842
8	456022	1	6	50	1716	0	0	11355045	1073684	11368421
19	esouzz ber of pulses i	2 n waveform = 4	15 40 10 11 11 11 11 11 11 11 11 11 11 11 11 1		Radar W		° n_30	11812783	1136842:	2 12000000
19 otal numl Halidaid	ber of pulses i	n waveform =	40		191944444444444	***		11812783	1136842:	2 12000000
9 Hal numl	ber of pulses i	n waveform = 1	40		191944444444444	***		11812783	1136842:	2 12000000
9 tal num tal	tum = 30 sts = 17 rval (us)= 7058 Off Time (us)	n waveform = 1	40		191944444444444	***		11812783	start Burst	End Burst Interval(us)
9 tal num tal	tum = 30 sts = 17 rval (us) = 7058 Off Time (us) 344310	n waveform =	40 ************************************	Type 5	5 Radar W	/aveform	1_30	Start Loc	Start Burst	End Burst
9 tal num tal	tum = 30 sts = 17 rval (us) = 7058 Off Time (us) 344310 1046106	n waveform =	Chirp	Type 5	Radar W	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc	Start Burst Interval(us)	End Burst Interval(us)
9 tal num tal	tum = 30 sts = 17 rrval (us) = 7058 Off Time (us) 344310 1046106 547251	n waveform = HILLIFICATION 82 # Pulses 1	Chirp (MHz)	Type 5	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us) 344310	Start Burst Interval(us)	End Burst Interval(us) 705881
9 tal num tal	tum = 30 sts = 17 rval (us) = 7058 Off Time (us) 344310 1046105 547251 849462	m waveform = 82 # Pulses 1 3	Chixp (MHz) 13	Type 5	Pulse 1 Pri (us) 1890 1701	Pulse 2 Pri(us)	Pulse 3 Pri(us) 0	Start Loc (us) 344310 1392306	Start Burst Interval(us) O 705882	End Burst Interval(us) 705881 1411763
9 tal num tal	tum = 30 ste = 17 rval (us) = 7058 Off Time (us) 344310 1046106 547251 849462 716023	n waveform = 82 # Pulses 1 3 3	Chirp (MHz) 13 20	Type 5	Pulse 1 Pri (us) 1890 1701 1463	Pulse 2 Pri(us) 0 1754	Pulse 3 Pri(us) 0 1301	Start Loc (us) 344310 1392306 1944313	Start Burst Interval(us) O 705882 1411764	End Burst Interval(us) 705881 1411763 2117645
9 tal num tal	tum = 30 sts = 17 rval (us) = 7058 Off Time (us) 344310 1046106 547251 849462 716023 554336	n waveform =	Chixp (MHz) 13 20 10	Pw (us) 80 90 60	Pulse 1 Pri(us) 1890 1701 1463 1284	Pulse 2 Pri (us) 0 1754 1065 1414	Pulse 3 Pri(us) 0 1301 1880	Start Loc (us) 344310 1392306 1944313 2798183	Start Burst Interval(us) 0 705882 1411764 2117646	End Burst Interval(us) 705881 1411763 2117645 2823527
9 tal num tal	tum = 30 sts = 17 rrval (us) = 7058 Off Time (us) 344310 1046106 547251 849462 716023 554336 348481	n waveform = 82 #Ulses 1 3 3 2 2	Chixp (MHz) 13 20 10 10 20	Type 5	Pulse 1 Pri (us) 1890 1701 1463 1284 1825	Pulse 2 Pri(us) 0 1754 1065 1414 1995	Pulse 3 Pri(us) 0 1301 1880 0 0	Start Loc (us) 344310 1392306 1944313 2798183 3516904	Start Burst Interval(us) O 705882 1411764 2117646 2823528	End Burst Interval(us) 705881 1411763 2117645 2823527 3529409
g tal num tittet veform N m of Bur rst Inte	tum = 30 sts = 17 rval (us) = 7058 Off Time (us) 344310 1046106 547251 849462 716023 554336	n waveform = # Pulses 1 3 5 2 2 3	Chirp (Mis) 13 20 10 10 20 20 20 13	Type 5 Pw (u.s) 80 90 60 60 55	Pulse 1 Pri(us) 1890 1701 1463 1284 1825 1939	Pulse 2 Pri(us) 0 1754 1065 1414 1996 0	Pulse 3 Pri(us) 0 1301 1880 0	Start Loc (us) 344310 1392306 1944313 2798183 3516804 4075060 4428986	Start Burst Interval(us) 0 705882 14117646 2823528 3529410 4235292	End Burst Interval(us) 705881 1411763 2117645 2823627 3529409 4238291 4941173
9 tal num veform N m of Bur rst Inte	tum = 30 ste = 17 rval (us) = 7058 Off Time (us) 344310 1046106 547251 849462 716023 554336 348481 681045 643396	n waveform = # Pulses 1 3 3 2 2 1	Chixp (MHz) 13 20 10 10 20 20 20	Type 5 PW (us) 80 90 60 60 65 55	Pulse 1 Pri (us) 1890 1701 1463 1284 1825 1939 1784	Pulse 2 Pxi(us) 0 1754 1065 1414 1995	Pulse 3 Pri(us) 0 1301 1880 0 0 1546	Start Loc (us) 344310 1392306 1944313 2798183 3516904 4075060	Start Burst Interval(us) 0 705882 1411764 2117646 2823528 3529410	End Burst Interval(us) 705881 1411763 2117645 2823527 3529409 4235291
9 ttal nummer ttal nummer veform N m of Bur rst Inte	tum = 30 ste = 17 rval (us) = 7058 Off Time (us) 344310 1048108 547251 849462 716023 554336 348481 681045 643396 744724	n waveform = # Pulses 1 3 2 2 1 3	Chirp (MHz) 13 20 10 10 20 20 13 14	PW (us) 80 90 60 60 55 50 95	Pulse 1 Pri (us) 1890 1701 1463 1284 1825 1939 1784 1954	Pulse 2 Pri(us) 0 1754 1065 1414 1996 0 1494	Pulse 3 Pri(us) 0 1301 1880 0 0 1546 0	Start Loc (us) 344310 1392306 1944313 2798183 3516904 4078506 4428986 5111815	Start Burst Interval (us) O 705882 1411764 2117646 2823528 3529410 4235292 4941174	End Burst Interval(us) 705881 1411763 2117645 2823527 3529409 4235291 4941173 5647055
etal number tal number	tum = 30 sts = 17 rval (us) = 7058 Off Time (us) 344310 1046106 547251 849462 716023 554336 348481 681045 643396 744724 702818	n waveform = 82 #Uses 1 3 3 2 2 3 1 3 2	Chixp (MHz) 13 20 10 20 20 13 14 14 10	Type 5 Pw (u.s) 80 90 60 60 65 55 60 95	Pulse 1 Pri (uz) 1890 1701 1463 1284 1825 1939 1784 1954 1016 1409	Pulse 2 Pri(us) 0 1754 1085 1414 1995 1960 0 1494	Pulse 3 Pri(us) 0 1301 1880 0 0 1546 0	Start Loc (ur) 344310 1392306 1944313 2798183 3516904 4075060 4428986 5111815 5760618 6507359	Start Burst Interval(us) 0 705882 1411764 2217646 2223528 3529410 4235292 4941174 5647056 6352938	End Burst Interval(us) 705881 1411763 2117645 2823527 3529409 4235291 4941173 5647055 6352937 7058819
9 total number veform N m of Bur rst Inte	tum = 30 ste = 17 rval (us) = 7058 Off Time (us) 344310 1048108 547251 849462 716023 554336 348481 681045 643396 744724	n waveform = # Pulses 1 3 3 2 2 3 1 3 1	Chirp (MHz) 13 20 10 10 20 20 13 14 14 10 8	Type 5 Fw (us) 80 90 60 65 55 60 95 60 95	Pulse 1 Pri(us) 1890 1701 1463 1284 1825 1939 1784 1954 1016 1409 1338	Pulce 2 Pri(ur) 0 1754 1065 1414 1995 1960 0 1494 1001	Pulse 3 Pri(us) 0 1301 1880 0 0 1546 0 1959	Start Loc (us) 344310 1392306 1944313 2798183 3516904 4075060 4428986 5111815 5760618 6507359 7211586	Start Burst Interval(us) 0 705882 1411764 22117646 2823528 3529410 4235292 4941174 5647056 6352938 7058820	End Burst Interval(us) 705881 1411763 2217645 2823527 3529409 4235291 4941173 5647055 6352937 7058819 7764701
Section number of the section of the	tum = 30 sts = 17 rval (us) = 7058 Off Time (us) 344310 1046106 547251 849462 716023 554336 348481 681045 643396 744724 702818	# Pulses 1 3 2 2 3 1 3 2 1 1 1	Chixp (MHz) 13 20 10 10 20 20 20 13 14 14 10 8	FW (us) 80 90 60 60 65 55 60 95 86 86	Pulse 1 Pri (us) 1890 1701 1463 1284 1825 1939 1784 1954 1016 1409 1338 1867	Pulse 2 Pri(ue) 0 1754 1085 1414 1995 0 0 1494 1001 0	Pulse 3 Pri(us) 0 1301 1880 0 0 1546 0 0	Start Loc (us) 344310 1392306 1944313 2798183 3516904 4078060 4428986 5111815 5760618 6507359 7211586 8247146	Start Burst Interval(us) O 705882 1411764 2117646 2823528 3529410 4235292 4941174 5647056 6352938 7058820 7764702	End Burst Interval(us) 705881 1411763 2117645 2823527 3529409 4235291 4941173 5647055 6352937 7058819 7764701 8470583
Section number of the section of the	tum = 30 sts = 17 rrval (us) = 7058 Off Time (us) 344310 1046106 547251 849462 716023 554336 348481 681045 643396 744724 702818 1034222	# # Pulses 1	Chixp (MHz) 13 20 10 20 20 20 13 14 14 10 8 11	Pw (us) 80 90 60 65 65 60 95 85 85 90	Pulse 1 Pri (us) 1890 1701 1463 1284 1825 1939 1784 1954 1016 1409 1338 1867	Pulse 2 Pri(us) 0 1754 1085 1414 1995 1960 0 1494 1001 0 0 0 1277	Pulse 3 Pri(us) 0 1901 1880 0 0 1546 0 0	Start Loc (us) 344310 1392306 1944313 2798183 3516904 4075060 4428986 5111815 5760618 6507359 7211586 8247146 8600604	Start Burst Interval(us) O 705882 14117646 2823528 3529410 4235292 4941174 5647056 6352938 7058820 7764702 8470584	End Burst Interval(us) 705881 1411763 2117645 2823527 3529409 4235291 4941173 5647055 6352937 7058819 7764701 8470583 9176465
O O 1 1 2 3 3 4 4	tum = 30 ste = 17 rval (us) = 7058 Off Time (us) = 30 1046106 647251 849462 716023 554336 348481 681045 643396 744724 702818 1034222 351591	n waveform = # Pulses 1 3 3 2 2 1 1 3 2 1 1 2 2 2	Chirp (MHz) 13 20 10 20 20 13 14 14 10 8 11 11 8	Pw (u.s) 80 90 60 60 60 55 50 95 80 96 80	Pulse 1 Pri (ur) 1890 1701 1463 1284 1825 1939 1784 1954 1016 1409 1338 1867 1489 1660	Pulse 2 Pri(us) 0 1764 1065 1414 1995 1960 0 1494 1001 0 0 1277	Pulse 3 Pri(us) 0 1301 1880 0 0 1546 0 1959 0 0	Start Loc (ur) 344310 1392306 1944313 2798183 3516904 4075060 4428986 5111815 5760618 6507359 7211586 8247146 8600604 9252874	Start Burst Interval(uz) 0 705882 1411764 2823528 3529410 42355292 4941174 5647056 6352938 7058820 7764702 8470584 9176466	End Burst Interval (us) 705881 1411763 2117645 2823527 3529409 4235291 4941173 5647055 6352937 7058819 7764701 8470583 9176465 9882347
19 otal num 	tum = 30 ste = 17 rval (us) = 7058 (us) = 344310 1048106 547251 849462 718023 554336 348481 681045 643396 744724 702818 1034222 351591 649504	# # Pulses 1	Chixp (MHz) 13 20 10 20 20 20 13 14 14 10 8 11	Pw (us) 80 90 60 65 65 60 95 85 85 90	Pulse 1 Pri (us) 1890 1701 1463 1284 1825 1939 1784 1954 1016 1409 1338 1867	Pulse 2 Pri(us) 0 1754 1085 1414 1995 1960 0 1494 1001 0 0 0 1277	Pulse 3 Pri(us) 0 1901 1880 0 0 1546 0 0	Start Loc (us) 344310 1392306 1944313 2798183 3516904 4075060 4428986 5111815 5760618 6507359 7211586 8247146 8600604	Start Burst Interval(us) O 705882 14117646 2823528 3529410 4235292 4941174 5647056 6352938 7058820 7764702 8470584	End Burst Interval(us) 705881 1411763 2117645 2823527 3529409 4235291 4941173 5647055 6352937 7058819 7764701 8470583 9176465





Radar Type 6 - Radar Statistical Performance

Trail #	Test Freq.	1=Detection	Trail #	Test Freq.	1=Detection
	(MHz)	0=No Detection		(MHz)	0=No Detection
1	5311	1	16	5311	1
2	5311	1	17	5311	1
3	5311	1	18	5311	1
4	5311	1	19	5311	1
5	5311	1	20	5311	1
6	5311	1	21	5311	1
7	5311	1	22	5311	1
8	5311	1	23	5311	1
9	5311	1	24	5311	1
10	5311	1	25	5311	1
11	5311	1	26	5311	1
12	5311	1	27	5311	1
13	5311	1	28	5311	1
14	5311	1	29	5311	1
15	5311	1	30	5311	1
	Det	ection Percentage	(%)		100%



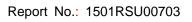


F	Radar waveform #	1	F	Radar waveform #	2
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
5	5293	15	3	5310	9
9	5284	27	4	5292	12
19	5319	57	6	5289	18
23	5326	69	7	5318	21
43	5339	129	12	5338	36
46	5325	138	17	5324	51
64	5286	192	18	5307	54
73	5314	219	19	5305	57
77	5321	231	26	5303	78
82	5312	246	31	5332	93
87	5305	261	32	5300	96
88	5341	264	56	5301	168
89	5288	267	63	5284	189
97	5331	291	71	5335	213
98	5330	294	81	5308	243
			83	5336	249



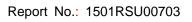


F	Radar waveform #	3	ı	Radar waveform	# 4
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
2	5285	6	9	5303	27
5	5289	15	10	5330	30
12	5296	36	31	5324	93
13	5303	39	32	5323	96
15	5298	45	47	6334	141
17	5316	51	52	5326	156
43	5324	129	59	5337	177
47	5300	141	62	5316	186
48	5291	144	64	5288	192
50	5332	150	66	5297	198
60	5287	180	68	5310	204
67	5322	201	74	5319	222
72	5313	216	77	5332	231
81	5336	243			
85	5312	255			
90	5340	270			
96	5334	288			





F	Radar waveform #	5	Radar waveform #6			
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)	
0	5331	0	10	5336	30	
21	5332	63	12	5297	36	
23	5284	69	13	5328	39	
34	5294	102	29	5305	87	
58	5314	174	38	5302	114	
79	5311	237	45	5290	135	
83	5338	249	47	5333	141	
84	5318	252	54	5319	162	
96	5317	288	61	5324	183	
98	5336	294	68	5288	204	
			80	5309	240	
			83	5322	249	
			85	5312	255	
			95	5311	285	





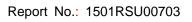
F	Radar waveform #	7	F	Radar waveform #	8
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
12	5336	36	13	5310	39
13	5285	39	14	5325	42
27	5300	81	24	5340	72
28	5287	84	37	5319	111
31	5302	93	40	5300	120
37	5322	111	49	5301	147
40	5332	120	51	5335	153
43	5329	129	66	5305	198
48	5321	144	72	5334	216
49	5318	147	74	5294	222
52	5339	156	91	5333	273
57	5301	171			
60	5326	180			
71	5292	213			
76	5331	228			
81	5304	243			
83	5315	249			
97	5323	291			





F	Radar waveform #	9	R	adar waveform #	10
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
3	5341	9	3	5326	9
6	5318	18	5	5293	15
14	5302	42	13	5310	39
16	5320	48	28	5289	84
18	5321	54	29	5325	87
27	5325	81	31	5321	93
32	5291	96	34	5281	102
43	5311	129	48	5318	144
47	5338	141	58	5329	174
53	5294	159	60	5306	180
73	5332	219	62	5320	186
80	5284	240	67	5300	201
85	5309	255	78	5287	234
89	5282	267	82	5284	246
			89	5333	267

R	adar waveform #1	11	R	adar waveform #	12
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
9	5281	27	0	5295	0
42	5309	126	6	5311	18
54	5321	162	15	5327	45
58	5328	174	36	5338	108
84	5292	252	46	5306	138
88	5315	264	51	5299	153
92	5305	276	56	5287	168
96	5283	288	57	5326	171
			62	5330	186
			68	5288	204
			70	5290	210





R	adar waveform #1	13	R	adar waveform #	14
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
2	5289	6	1	5311	3
5	5338	15	5	5319	15
7	5285	21	13	5307	39
10	5340	30	22	5333	66
13	5286	39	23	5295	69
14	5297	42	25	5308	75
17	5329	51	26	5300	78
21	5339	63	27	5304	81
23	5333	69	38	5341	114
37	5324	111	39	5306	117
38	5328	114	51	5327	153
46	5304	138	56	5330	168
47	5310	141	84	5294	252
59	5281	177	85	5303	255
61	5325	183			
65	5336	195			
70	5295	210			
83	5292	249			



Radar waveform #15			Radar waveform #16		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
0	5294	0	15	5328	45
3	5321	9	19	5314	57
18	5319	54	24	5299	72
20	5316	60	27	5340	81
27	5338	81	43	5334	129
40	5325	120	45	5303	135
62	5308	186	48	5282	144
77	5289	231	53	5284	159
94	5337	282	62	5335	186
96	5330	288	69	5289	207
			71	5310	213
			94	5317	282

Radar waveform #17			Radar waveform #18		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
1	5302	3	6	5328	18
17	5308	51	9	5286	27
19	5318	57	36	5332	108
25	5323	75	45	5331	135
47	5298	141	54	5321	162
52	5327	156	58	5308	174
55	5326	165	63	5341	189
74	5335	222	75	5335	225
82	5320	246	77	5322	231
83	5290	249	85	5300	255
84	5295	252	86	5299	258
			91	5284	273
			97	514	291



R	Radar waveform #19			Radar waveform #20		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)	
Number	(MHz)		Number	(MHz)		
22	5311	66	5	5309	15	
50	5321	150	12	5304	36	
53	5288	159	13	5305	39	
60	5330	180	25	5281	75	
63	5289	189	31	5329	93	
70	5315	210	37	5283	111	
71	5294	213	40	5287	120	
72	5329	216	51	5296	153	
83	5316	249	58	5316	174	
85	5303	255	63	5335	189	
90	5309	270	77	5298	231	
			91	5303	273	
			99	5300	297	

R	Radar waveform #21			Radar waveform #22		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)	
Number	(MHz)		Number	(MHz)		
2	5281	6	3	5288	9	
6	5322	18	9	5331	27	
10	5336	30	16	5300	48	
34	5304	102	39	5324	117	
38	5305	114	77	5302	231	
56	5300	168	86	5316	258	
57	5307	171	88	5335	264	
68	5312	204	89	5328	267	
78	5313	234	94	5315	282	
89	5310	267				
91	5293	273				
97	5283	291				
99	5340	297				



Radar waveform #23			Radar waveform #24		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
2	5302	6	5	5335	15
5	5296	15	15	5290	45
12	5341	36	24	5289	72
19	5291	57	34	5306	102
20	5281	60	37	5326	111
21	5327	63	44	5291	132
22	5310	66	48	5339	144
35	5314	105	53	5292	159
48	5331	144	65	5336	195
51	5285	153	70	5337	210
52	5313	156	89	5300	267
63	5338	189	90	5333	270
72	5301	216	91	5327	273
93	5290	279	92	5330	276
			93	5334	279

Radar waveform #25		Radar waveform #26			
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
4	5291	12	19	5338	57
7	5283	21	27	5299	81
11	5319	33	30	5281	90
21	5336	63	35	5332	105
23	5309	69	42	5306	126
29	5312	87	46	5286	138
35	5296	105	47	5297	141
50	5315	150	48	5335	144
57	5294	171	67	5305	201
75	5292	225	72	5301	216
85	5340	255	83	5296	249
95	5331	285	89	5324	267
99	5317	297			

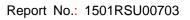
Radar waveform #27	Radar waveform #28
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Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
13	5313	39	15	5285	45
16	5338	48	20	5305	60
20	5299	60	32	5322	96
35	5283	105	37	5290	111
39	5333	117	44	5332	132
40	5305	120	50	5330	150
54	5282	162	60	5296	180
63	5291	189	70	5314	210
70	5306	210	74	5303	222
72	5320	216	79	5338	237
92	5331	276	83	5336	249
97	5286	291	84	5329	252
			86	5299	258
			92	5326	276

R	Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)	
2	5309	6	7	5339	21	
7	5310	21	14	5309	42	
19	5311	57	18	5308	54	
22	5283	66	20	5338	60	
30	5286	90	28	5329	84	
57	5301	171	35	5328	105	
59	5340	177	56	5302	168	
60	5294	180	59	5304	177	
61	5334	183	75	5312	225	
63	5298	189	81	5330	243	
			85	5323	255	
			92	5333	276	
			95	5299	285	

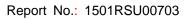




Radar Statistical Performance for 802.11ac-VHT80

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5491	1	618	86	1
2	5491	1	938	57	1
3	5491	1	818	65	1
4	5491	1	878	61	1
5	5491	1	538	99	1
6	5491	1	558	95	1
7	5491	1	698	76	1
8	5491	1	598	89	1
9	5491	1	858	62	1
10	5491	1	778	68	1
11	5491	1	658	81	1
12	5491	1	578	92	1
13	5491	1	718	74	1
14	5491	1	798	67	1
15	5491	1	918	58	1
16	5491	1	2189	25	1
17	5491	1	3042	18	1
18	5491	1	1025	52	1
19	5491	1	3060	18	1
20	5491	1	779	68	1
21	5491	1	1004	53	1
22	5491	1	1292	41	1
23	5491	1	2133	25	1
24	5491	1	2160	25	1
25	5491	1	688	77	1
26	5491	1	2495	22	1
27	5491	1	983	54	1
28	5491	1	1533	35	1
29	5491	1	2910	19	1
30	5491	1	2102	26	1
	Det	ection Percentage	(%)		100%





Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5509	3.6	222	24	1
2	5509	3.0	197	23	1
3	5509	4.5	193	29	1
4	5509	3.2	225	25	1
5	5509	1.7	190	27	1
6	5509	1.7	167	28	1
7	5509	3.1	165	27	1
8	5509	4.3	168	29	1
9	5509	1.4	184	26	1
10	5509	2.7	197	25	1
11	5509	2.0	193	26	1
12	5509	1.8	173	29	1
13	5509	2.9	179	24	1
14	5509	1.5	193	29	1
15	5509	3.8	193	27	1
16	5509	1.1	191	28	1
17	5509	4.9	192	28	1
18	5509	2.1	211	23	1
19	5509	4.9	222	29	1
20	5509	3.1	161	26	1
21	5509	3.6	159	27	1
22	5509	4.8	188	26	1
23	5509	3.6	176	29	1
24	5509	1.3	154	27	1
25	5509	1.9	218	28	1
26	5509	4.7	196	29	1
27	5509	4.3	150	29	1
28	5509	2.7	165	26	1
29	5509	1.0	217	28	1
30	5509	3.3	204	23	1
	100%				



Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection		
	(MHz)	(us)			0=No Detection		
1	5530	7.5	321	16	1		
2	5530	9.2	357	17	1		
3	5530	6.3	479	17	1		
4	5530	9.9	335	16	1		
5	5530	7.5	366	16	1		
6	5530	9.5	285	16	1		
7	5530	8.7	467	17	1		
8	5530	7.7	273	16	1		
9	5530	8.7	255	18	1		
10	5530	10.0	289	16	1		
11	5530	9.8	380	16	1		
12	5530	6.1	383	18	1		
13	5530	8.5	255	18	1		
14	5530	6.7	278	17	1		
15	5530	7.4	267	18	1		
16	5530	7.0	314	17	1		
17	5530	6.2	354	16	1		
18	5530	7.1	458	18	1		
19	5530	8.0	270	16	1		
20	5530	7.7	341	18	1		
21	5530	7.7	351	18	1		
22	5530	6.3	419	17	1		
23	5530	6.4	484	16	1		
24	5530	9.9	410	16	1		
25	5530	7.2	344	18	1		
26	5530	8.9	430	16	1		
27	5530	9.1	370	18	1		
28	5530	8.9	344	17	1		
29	5530	6.7	268	16	1		
30	5530	7.1	258	18	1		
	Detection Percentage (%)						



Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5545	13.9	15	15	1
2	5545	15.0	13	13	1
3	5545	17.7	12	12	1
4	5545	16.2	15	15	1
5	5545	16.3	12	12	1
6	5545	11.9	12	12	1
7	5545	17.0	13	13	1
8	5545	14.9	12	12	1
9	5545	14.4	15	15	1
10	5545	12.8	15	15	1
11	5545	12.0	13	13	1
12	5545	11.1	12	12	1
13	5545	18.8	14	14	1
14	5545	15.4	12	12	1
15	5545	18.3	15	15	1
16	5545	12.9	12	12	1
17	5545	19.2	16	16	1
18	5545	18.7	14	14	1
19	5545	19.2	12	12	1
20	5545	14.0	14	14	1
21	5545	15.0	16	16	1
22	5545	12.3	12	12	1
23	5545	16.6	16	16	1
24	5545	17.7	16	16	1
25	5545	12.2	15	15	1
26	5545	11.3	15	15	1
27	5545	15.2	14	14	1
28	5545	11.1	16	16	1
29	5545	19.3	12	12	1
30	5545	19.2	12	12	1
	Det	ection Percentage	(%)		100%

Note: In addition an average minimum percentage of successful detection across all four Short pulse radar test

waveforms is as follows: $\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4} = (100\% + 100\% + 100\% + 100\%)/4 = 100\% (>80\%)$

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Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq.	1=Detection	Trail #	Test Freq.	1=Detection
	(MHz)	0=No Detection		(MHz)	0=No Detection
1	5551	1	16	5551	1
2	5551	1	17	5551	1
3	5551	1	18	5551	1
4	5551	1	19	5551	1
5	5551	1	20	5551	1
6	5551	1	21	5551	1
7	5551	1	22	5551	1
8	5551	1	23	5551	1
9	5551	1	24	5551	1
10	5551	1	25	5551	1
11	5551	1	26	5551	1
12	5551	1	27	5551	1
13	5551	1	28	5551	1
14	5551	1	29	5551	1
15	5551	1	30	5551	1
	Det	ection Percentage	(%)		100%

aveform N um of Bur urst Inte		000								
urst	Off Time (us) 646150	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1		2	10	75	1959	1755	0	646150	0	1199999
2	1513018	3	11	50	1047	1274	1498	2162882	1200000	2399999
3	1182604	3	18	95	1692	1228	1036	3349305	2400000	3599999
4	383044	2	14	75	1254	1089	0	3736305	3600000	4799999
5	1955283	2	16	60	1407	1901	0	5693931	4800000	5999999
6	786953	3	8	100	1079	1532	1781	6484192	6000000	7199999
7	900075	3	8	100	1445	1164	1259	7388659	7200000	8399999
8	1587436	1	17	95	1997	0	0	8979963	8400000	9599999
9	1691130	1	8	80	1366	0	0	10673090	9600000	10799999
10	331089	2	18	50	1853	1892	0	11005545	10800000	11999999

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				Type	5 Radar	Wavefor	m_2			
aveform N ım of Bur	rsts = 12									
ırst Inte ırst	erval (us)= 100 Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Ştart Lo		
_	(us) 662240	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval	
1	773181	2	8	60	1604	1443	0	662240	0	999999
2	1169863	3	14	70	1418	1707	1127	1438468		1999999
i L	742630	2	12	80	1528	1345	0	261258		2999999
	1435757	3	13	50	1488	1256	1390	3358086		399999
	1087403	1	8	85	1024	0	0	479797		4999999
	772786	2	11	90	1357	1828	0	5886404		5999999
	506682	3	19	95	1184	1157	1341	6662378		6999999
	1150752	2	8	65	1455	1039	0	7172739		7999999
	1437778	1	17	100	1197	0	0	8325988		8999999
0	764335	1	12	90	1120	0	0	9764960		9999999
1	604802	3	5	55	1702	1749	1695	105304:		
2 tal numb	per of pulses i	1 in waveform =	24	95	1470	0	0	1114036	33 11000000	11999999
******						****				
				Туре	5 Radar	Wavefor	m_3			
veform Nu	um = 3									
m of Burs		000								
rst	Off Time	# _	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Ştart Loc		nd Burst
	(us) 422544	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)		nterval (us)
	884505	1	12	60	1972	0	0	422544		999999
	1065027	3	6	50	1439	1492	1721	1309021	1000000	1999999
	1104132	2	12	65	1894	1587	0	2378700	2000000	2999999
	1101513	2	17	85	1502	1469	0	3486313	3000000	399999
	789279	2	19	95	1363	1473	0	4590797	4000000	4999999
	1365257	1	13	50	1733	0	0	5382912	5000000	5999999
		3	17	75	1502	1527	1825	6749902	6000000	6999999
	532576	3	7	85	1444	1379	1050	7287332	7000000	7999999
	1175368	3	5	90	1787	1869	1088	8466573	8000000	8999999
	807953	3	18	75	1303	1043	1701	9279270	9000000	9999999
1	911547	1	13	100	1019	0	0	10194864	10000000	10999999
2	974288	3	20	70	1880	1878	1260	11170171		11999999
al numbe	er of pulses in	waveform = 2	7		1 555		1100	11110111	11000000	11000000
				Type	5 Radar \	Wavefor	m 4			
				-76-	<u> </u>		··-·			
veform N m of Bur rst Inte		0000								
rst	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us	
	370679	2	9	70	1468	1414	0	370679	0	1499999
	2179207	3	18	50	1416	1246	1597	2552768	1500000	2999999
	765677									
	1589772	3	8	60	1678	1763	1206	3322704	3000000	4499999
		3	19	55	1876	1029	1139	4917123	4500000	5999999
	2521924	3	15	70	1933	1423	1820	7443091	6000000	7499999
	625953									
	1416903	3	11	65	1411	1493	1906	8074220	7500000	899999
	1410203	3	13	55	2000	1002	1619	9495933	9000000	10499999
	1137478	1	13	100	1902	0	0	10638032	10500000	11999999



				Type :	5 Radar V	Vaveforn	n_5			
Vaveform Nu Vum of Burs Burst Inter		909								
Burst	Off Time (us)	# Pulses	Chirp (MHz)	P₩ (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burs Interval(u	
1	132701	2	19	100	1580	1412	0	132701	0	1090908
2	1783092	1	20	60	1027	0	0	1918785	1090909	2181817
3	497515	3	16	55	1097	1451	1549	2417327	2181818	3272726
1	898440									
	2088470	1	7	65	1386	0	0	3319864	3272727	4363635
i	185007	3	20	90	1249	1240	1198	5409720	4363636	5454544
i	1487025	2	14	70	1471	1637	0	5598414	5454545	6545453
	1094372	3	13	90	1371	1782	1036	7088547	6545454	7636362
	741952	2	7	100	1745	1987	0	8187108	7636363	8727271
		2	17	80	1814	1833	0	8932792	8727272	9818180
0	1950627	3	5	70	1626	1932	1658	10887066	9818181	10909089
.1	812520	1	5	70	1008	0	0	11704802	10909090	11999998
tal numbe	er of pulses in	.waveform = 2	.3 ************************************	301010101010101010101010101010101010101		***				
				Type !	5 Radar V	Vaveforn	n_6			
veform Nu m of Burs	ts = 17									
rst Inter rst	val (us)= 70588 Off Time	#	Chirp (MHz)	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 327620	Pulses 1	(MHz) 7	(us) 70	Pri(us)	Pri(us)	Pri(us)	(us) 327620	Interval (us)	Interval (us) 705881
	499147	3	7	85	1597 1591	1903	1274	828364	705882	1411763
	1018181	2	9	95	1042	1969	0	1851313	1411764	2117645
	560792 626018	1	14	80	1806	0	0	2415116	2117646	2823527
	766644	3	14	70	1843	1927	1986	3042940	2823528	3529409
	1039623	2	10 15	90 55	1159 1024	1767 0	0	3815340 4857889	3529410 4235292	4235291 4941173
	562093	3	9	60	1584	1203	1779	5421006	4941174	5647055
	892397 683914	1	6	85	1800	0	0	6317969	5647056	6352937
0	504410	1	9	85	1419	0	0	7003683	6352938	7058819
2	747623	3	12 20	100 95	1226 1312	1971 1098	1334 1349	7509512 8261666	7058820 7764702	7764701 8470583
3	827511	2	5	80	1492	1042	0	9092936	8470584	9176465
4	117552	2	18	65	1599	1332	0	9213022	9176466	9882347
	1101451 483036	1	15	95	1348	0	0	10317404	9882348	10588229
5		2	14	60	1817	1934	0	10801788	10588230	11294111
	626645									
5 7		3	18	50	1478 (2000-2000-200	1856 *	1194	11432184	11294112	11999993
6 7	626645	3		***********	********	*		11432184	11294112	11999993
5 7 tal numbe	626645 or of pulses in	3		***********		*		11432184	11294112	11999993
7 tal numbe	626645 or of pulses in the state of the st	3 waveform = 34	**************************************	Type	5 Radar V	• Vaveforn	n_7			
7 tal number HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH	626645 or of pulses in the state of the sta	3 waveform = 34 HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH	Chirp (MHz)	Type (5 Radar V	Vaveforn Pulse 2 Pri(us)	Pulse 3	Start Loc (us)	Start Burst Interval(us	t End Burst
7 tal number HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH	626645 or of pulses in HIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	3 waveform = 34 HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH	Chirp	Type (5 Radar V	• Vaveforn	n_7	Start Loc (us) 198433	Start Burst	t End Burst
7 tal number HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH	626645 or of pulses in HILLIHITH im = 7 ets = 19 Off Time (us) 198433 637644 551196	3 waveform = 34 HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH	Chirp (MHz)	Type (5 Radar V	Vaveforn Pulse 2 Pri (up) 1443	Pulse 3 Pri(us)	Start Loc (us)	Start Burs Interval(us O	t End Burst ;) Interval(us 631578
7 tal number HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH	626645 or of pulses in HIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	waveform = 34	Chirp (Mis) 8 10 13 14	Pw (us) 70 65 90 65	Pulse 1 Pri(us) 1884 1574 1493	Pulse 2 Pri(us) 1443 1886 1278	Pulse 3 Pri(us) 0 1024 0	Start Loc (us) 198433 839204 1394884 2303810	Start Burst Interval(us 0 631579 1263158 1894737	: End Burst :) Interval(us 631578 1263187 1284736 2526315
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	526645 or of pulses in the state of the sta	# 930 10 10 10 10 10 10 10	Chirp (Miz) 8 10 13 14	Fw (us) 70 55 90 65 80	Pulse 1 Pri (ue) 1684 1574 1493 1074 1089	Pulse 2 Pri (ue) 1443 1886 1278 0	Pulse 3 Pri(ue) 0 1024 0 0	Start Loc (ur) 198433 839204 1394884 2303810 3046590	Start Burst Interval(us O 631579 1263158 1884737 2526316	End Burst (5) Interval(us 631578 1263167 1894736 2226315 3157894
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	526645 or of pulses in thirtition of pulses in thirtition of pulses in thirtition of	waveform = 34	Chirp (Mis) 8 10 13 14	Pw (us) 70 65 90 65	Pulse 1 Pri(us) 1884 1574 1493	Pulse 2 Pri(us) 1443 1886 1278	Pulse 3 Pri(us) 0 1024 0	Start Loc (us) 198433 839204 1394884 2303810	Start Burst Interval(us 0 631579 1263158 1894737	: End Burst :) Interval(us :631578 :1263157 :1284736 :2526315
7 tal numbe stale	526645 or of pulses in the state of the sta	79 # Pulses 2 3 2 1 2 2 2 1 1 2 2	Chirp (Mis) 8 10 13 14 17 16 6	Pw (us) 70 65 90 65 80 60 95 55	Pulse 1 Pri (ur) 1684 1574 1493 1074 1089 1692 1092 1863	Pulse 2 Pri (ue) 1443 1886 1278 0 1800 1613 0 1458	Pulse 3 Pri(us) 0 1024 0 0 0	Start Loc (us) 198433 839204 1394884 2303810 3046590 3598920 4316746 4768950	Start Purst Interval (us 0 631579 1263158 1384737 2526316 3157895 37592474 4421053	t End Burst 631578 1283157 1894736 2526315 3157894 3789473 4421052 5052631
G 7 7 141 numbe 111 numbe	626645 or of pulses in the little li	######################################	Chirp (MHz) 8 10 13 14 17 15 6	FW (18) 70 55 90 65 80 60 95 55	Pulse 1 Pri (ue) 1684 1574 1493 1074 1089 1692 1092 1883 1728	Pulse 2 Pri (ue) 1443 1886 1278 0 1500 1513 0	Pulse 3 Pri(us) 0 1024 0 0 0	Start Loc (us) 198433 839204 1394884 2303810 3046590 3598320 4316746 4768950 5516109	Start Burst Interval (us 0 631579 1263158 1894737 2526316 3167895 3789474 4421053 5052632	End Burst Interval(us 63157 1263167 1894736 2626315 3157894 3789473 4421052 5052631 5684210
7 7 141 numbers of the state of	mm = 7 rets = 10 ros in 1 ros	79 # Pulses 2 3 2 1 2 2 2 1 1 2 2	Chirp (Mis) 8 10 13 14 17 16 6	Pw (us) 70 65 90 65 80 60 95 55	Pulse 1 Pri (ur) 1684 1574 1493 1074 1089 1692 1092 1863	Pulse 2 Pri (ue) 1443 1886 1278 0 1800 1613 0 1458	Pulse 3 Pri(us) 0 1024 0 0 0	Start Loc (us) 198433 839204 1394884 2303810 3046590 3598920 4316746 4768950	Start Purst Interval (us 0 631579 1263158 1384737 2526316 3157895 37592474 4421053	t End Burst 631578 1283157 1894736 2526315 3157894 3789473 4421052 5052631
7 7 141 numbers of the state of	626645 or of pulses in the little li	######################################	Chirp (Miz) 8 10 13 14 17 16 6 6 18 15 5	Pw (us) 70 65 90 65 80 60 95 55 100 90 75 70	Pulse 1 Pri (ue) 1684 1574 1493 1074 1089 1692 1092 1863 1728 1381 1753	Pulse 2 Pari (ue) 1443 1886 1278 0 1500 1513 0 1458 0	Pulse 3 Pri(ue) 0 1024 0 0 0 0 0 1543 1905	Start Loc (us) 198433 839204 1394884 2303810 3046590 3598920 4316746 4768950 5816109 5969363 6903843 7264584	Start Burst Interval (us 0 631579 1263158 1894737 2526316 3157896 3789474 4421053 5052632 5684211 6315790 6947369	End Burst 631578 1263187 1263187 1263187 1894736 226315 3157894 3789473 4421062 5052631 5684210 6315789 6347368 7578947
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	m = 7 ets = 19 cval (us) = 6315 Off times 198433 637644 551196 906155 741706 549741 714621 451112 743838 451526 922689 355581	79 # Pulses 2 3 2 1 2 2 1 2 2 1 3 3 2 3 3 3 3 3 3 3	Chirp (MHz) 8 10 13 14 17 15 6 6 18 15 5	Pw (us) 70 55 90 65 80 60 95 100 90 75 70 100	Pulse 1 Pri (up) 1684 1574 1493 1074 1089 1692 1092 1693 1728 1381 1753 1357	Pulse 2 Pri (ue) 1443 1886 1278 0 1500 1513 0 1458 0 1667 1502 1923	Pulse 3 Pri(us) 0 1024 0 0 0 0 0 0 0	Start Loc (us) 198433 839204 1394884 2303810 3046590 3598920 4316746 4768950 5516109 5969363 6903843 7264584 8100790	Start Burst Interval (us 0 631579 1263158 1894737 2526316 3157896 3789474 4421053 5062632 5684211 6315790 6947368 7578948	End Burst Interval(us 63157 1263157 1894736 2526315 3157894 3789473 4421052 5052631 5684210 6315789 6947368 7878947 8210526
7 tal number tal numbe	026645 or of pulses in the tribert the tribert triber	######################################	Chirp (Miz) 8 10 13 14 17 16 6 6 18 15 5	Pw (us) 70 65 90 65 80 60 95 55 100 90 75 70	Pulse 1 Pri (ue) 1684 1574 1493 1074 1089 1692 1092 1863 1728 1381 1753	Pulse 2 Pari (ue) 1443 1886 1278 0 1500 1513 0 1458 0	Pulse 3 Pri(ue) 0 1024 0 0 0 0 0 1543 1905	Start Loc (us) 198433 839204 1394884 2303810 3046590 3598920 4316746 4768950 5816109 5969363 6903843 7264584	Start Burst Interval (us 0 631579 1263158 1894737 2526316 3157896 3789474 4421053 5052632 5684211 6315790 6947369	End Burst 631578 1263187 1263187 1263187 1894736 226315 3157894 3789473 4421062 5052631 5684210 6315789 6347368 7578947
7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	m = 7 ets = 19 cyal (us) = 6315 Off the 19 188433 637644 551196 906155 741706 549741 714621 451112 743838 451526 929989 355581 832926 630492 208596 600130	79 # Pulses 2 3 2 2 1 2 2 1 2 2 1 3 3 2 2 3 3 2 2 3 3 2 2 3 3 3 2 2 3 3 3 2 2 3 3 3 2 2 3	Chirp (Miz) 8 10 13 14 17 16 6 6 18 15 5 9	Pw (us) 70 55 90 65 80 60 95 100 90 75 70 100 80	Pulse 1 Pri (us) 1684 1874 1493 1074 1089 1692 1092 1863 1728 1381 1753 1357 1475	Pulse 2 Pri (ue) 1443 1886 1278 0 1500 1513 0 1458 0 1567 1562 1923 1812	Pulse 3 Pri(us) 0 1024 0 0 0 0 0 1543 1905 0 1488	Start Loc (us) 198433 839204 1394884 2303810 3046590 3558820 4316746 4768850 5516109 5969363 6903843 7264584 8100790 8736057	Start Burst Interval (us 0 631579 1263158 1894737 2526316 3167895 3789474 4421053 5052632 5684211 6315790 6947369 7578948 8210527 8842106	End Burst Interval(us 631578 1263157 1894736 2526315 3157894 3789473 4421052 5052631 5684210 6315789 6347368 7578947 8210526 8842105
aveform Nu	026645 or of pulses in the tribert the tribert triber	799 # Pulses 2 3 2 1 2 2 1 2 2 1 2 2 3 2 3 3 2 3 3 3 3	Chirp (Miz) 8 10 13 14 17 16 6 6 18 15 5 9	Fw (us) 70 55 90 65 80 60 95 55 100 90 75 70 100 80 85	Pulse 1 Pri (us) 1684 1574 1493 1074 1089 1692 1092 1092 1863 1728 1381 1763 1367 1475	Pulse 2 Pari (us) 1443 1886 1278 0 1500 1513 0 1458 0 1567 1502 1923 1812 1483 1105	Pulse 3 Pri(ue) 0 1024 0 0 0 0 0 1543 1905 0 1488	Start Loc (ur) 198433 839204 1394884 2303810 3046590 3598920 4316746 4768950 5516109 5969363 6903843 7264584 8100790 8736057 8948048	Start Burst Interval (us 0 631579 1263158 1894737 2526316 3157896 3789474 4421053 5052632 5684211 6315790 6947369 7578948 8210527 8842106	End Burst 631578 1263167 1263167 1263167 1894736 2526315 3157894 3789473 4421052 5052631 5684210 6315789 6347368 7578947 8210526 8842105 9473684



				Туре	5 Radar	Wavefor	rm_8			
eform N	sts = 13									
st Inte st	rval (us)= 9230 Off Time	#	Chirp	P.W	Pulse 1	Pulse 2	Pulse 3	Start Loc		End Burst
	(us) 118227	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us)
	1324669	2	17	55	1144	1461	0	118227	0	923076
	934839	2	19	95	1938	1177	0	1445501	923077	1846153
	1201721	3	6	80	1877	1288	1325	2383455	1846154	2769230
	685597	1	8	95	1534	0	0	3589666	2769231	3692307
	1012712	2	9	90	1975	1881	0	4276797	3692308	4615384
	1024538	1	17	60	1942	0	0	5293365	4615385	5538461
	385574	3	14	85	1089	1986	1788	6319845	5538462	6461538
	843097	2	17	55	1905	1317	0	6710282	6461539	7384615
	856105	2	10	70	1279	1082	0	7556601	7384616	8307692
	1709675	2	5	85	1034	1106	0	8415067	8307693	9230769
	454704	1	5	85	1850	0	0	10126882	9230770	10153846
	821902	2	14	85	1475	1105	0	10583436	10153847	11076923
l numb	er of pulses ir	1 waveform = 2	19 24 	70 1999-1993-199	1994 ***********************************	• •	0	11407918	11076924	12000000
				Type	5 Radar	Wayofor	rm Q			
				туре	3 Nauai	Waveioi	111_9			
	Tum = 9									
of Bur t Inte	rsts = 9 erval (us)= 133:	3333								
t	Off Time (us) 315767	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
		3	9	85	1068	1176	1458	315767	0	1333332
	1906649	3	17	60	1437	1114	1821	2226118	1333333	2666665
	1710381									
	1209620	2	18	100	1776	1011	0	3940871	2666666	3999998
	1429608	1	20	100	1762	0	0	5153278	399999	5333331
		1	5	60	1617	0	0	6584648	5333332	6666664
	1217289	3	5	75	1411	1397	1919	7803554	6666665	7999997
	1459957									
	1028008	3	12	95	1907	1348	1569	9268238	7999998	9333330
	1002553	2	12	95	1413	1739	0	10301070	9333331	10666663
_		1	15	70	1853	0	0	11306775	10666664	11999996
	per of pulses in					olok:				
				Type	5 Radar	Wavefor	m 10			
				.,,,,,	- 114444		•			
	Jum = 10									
of Bur	Jum = 10 sts = 8 erval (us)= 1500	0000								
of Bur t Inte	sts = 8 rval (us)= 1500 Off Time (us)	0000 # Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
of Bur t Inte	ests = 8 erval (us)= 1500 Off Time (us) 1156078	#	Chirp (MHz) 15							
of Bur t Inte	sts = 8 rval (us)= 1500 Off Time (us)	# Pulses 3	(MHz) 15	(us) 60	Pri(us) 1822	Pri(us) 1152	Pri(us) 1320	(us) 1156078	Interval (us)	Interval (us) 1499999
of Bur t Inte	ests = 8 erval (us)= 1500 Off Time (us) 1156078	# Pulses 3	(MHz) 15 10	(us) 60 90	Pri(us) 1822 1517	Pri(us) 1152 0	Pri(us) 1320 0	(us) 1156078 2388280	Interval (us) 0 1500000	Interval (us) 1499999 2999999
of Bur t Inte	ests = 8 erval (us) = 1500 Off Time (us) 1156078 1227908 1723227	# Pulses 3	(MHz) 15	(us) 60	Pri(us) 1822	Pri(us) 1152	Pri(us) 1320	(us) 1156078	Interval (us)	Interval (us) 1499999
of Bur t Inte	ests = 8 erval (us) = 1500 Off Time (us) 1156078 1227908 1723227 983103	# Pulses 3	(MHz) 15 10	(us) 60 90	Pri(us) 1822 1517	Pri(us) 1152 0	Pri(us) 1320 0	(us) 1156078 2388280	Interval (us) 0 1500000	Interval (us) 1499999 2999999
of Bur t Inte	ests = 8 erval (us) = 1500 Off Time (us) 1156078 1227908 1723227	# Pulses 3 1 3	(MHz) 15 10 11	(us) 60 90 80 80	Pri (us) 1822 1517 1250 1669	Pri(us) 1152 0 1618	Pri(us) 1320 0 1418	(us) 1156078 2388280 4113024 5100413	Interval (us) 0 1500000 3000000 4500000	Interval (us) 1499999 2999999 4499999
of Bur t Inte	ests = 8 erval (us) = 1500 Off Time (us) 1156078 1227908 1723227 983103	# Pulses 3 1	(MHz) 15 10 11 6 15	(us) 60 90 80 80 100	Pri(us) 1822 1517 1250 1669 1227	Pri(us) 1152 0 1618 0	Pri(us) 1320 0 1418 0	(us) 1156078 2388280 4113024 5100413 6991697	Interval (us) 0 1500000 3000000 4500000 6000000	Interval (us) 1499999 2999999 4499999 7499999
of Bur t Inte	sts = 8 erval (us) = 1500 Off Time (us) 1156078 1227908 1723227 983103 1889615 1133410	# Pulses 3 1 3	(MHz) 15 10 11	(us) 60 90 80 80	Pri (us) 1822 1517 1250 1669	Pri(us) 1152 0 1618	Pri(us) 1320 0 1418	(us) 1156078 2388280 4113024 5100413	Interval (us) 0 1500000 3000000 4500000	Interval (us) 1499999 2999999 4499999
of Bur	ests = 8 erval (us) = 1500 Off Time (us) 1156078 1227908 1723227 983103 1889615 1133410 1052020	# Pulses 3 1 3 1	(MHz) 15 10 11 6 15	(us) 60 90 80 80 100	Pri(us) 1822 1517 1250 1669 1227	Pri(us) 1152 0 1618 0	Pri(us) 1320 0 1418 0	(us) 1156078 2388280 4113024 5100413 6991697	Interval (us) 0 1500000 3000000 4500000 6000000	Interval (us) 1499999 2999999 4499999 7499999
of Bur t Inte	sts = 8 erval (us) = 1500 Off Time (us) 1156078 1227908 1723227 983103 1889615 1133410	# Pulses 3 1 3 1 1	(MHz) 15 10 11 6 15	(us) 60 90 80 80 100 85	Pri(us) 1822 1517 1250 1669 1227 1812	Pri(us) 1152 0 1618 0 0	Pri(us) 1320 0 1418 0 0	(us) 1156078 2388280 4113024 5100413 6991697 8126334	Interval (us) 0 1500000 3000000 4500000 6000000 7500000	Interval (us) 149999 2999999 4499999 5999999 7499999 8999999



				Type 5	Radar W	/aveform	 11			
Vaveform N Vum of Bur: Burst Inte:	um = 11 sts = 14 rval (us)= 8571	43								
Burst	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	101672	ruises 3	20	90	1866	1585	1521	(us) 101672	0	857142
	1599428	1								
2	737511		10	90	1080	0	0	1706072	857143	1714285
3	926426	1	7	60	1207	0	0	2444663	1714286	2571428
4	323469	2	6	65	1378	1527	0	3372296	2571429	3428571
5	1341503	1	16	100	1516	0	0	3698670	3428572	4285714
6	790339	2	11	75	1534	1813	0	5041689	4285715	5142857
7	738506	2	11	55	1264	1876	0	5835375	5142858	6000000
8	528772	3	12	100	1749	1969	1769	6577021	6000001	6857143
9	1199583	3	9	55	1540	1429	1943	7111280	6857144	7714286
10	420017	1	10	70	1364	0	0	8315775	7714287	8571429
11		1	10	70	1313	0	0	8737156	8571430	9428572
12	905136	1	19	65	1874	0	0	9643605	9428573	10285715
13	1008607	2	14	50	1349	1697	0	10654086	10285716	11142858
14	1279397	3	20	95	1039	1221	1440	11936529	11142859	12000001
Cotal numb	er of pulses in	waveform = 2	26 Islandaria (1904)		**********					
				Type 5	Radar W	/aveform	_12			
Vaveform N	ete = 18									
Burst Inte Burst	rval (us)= 666	667	Chien	PW	Pulse 1	Pulse 2	Pulse 3	Stort Log	Start Bu	st End Burst
· · · ·	Off Time (us) 360079	Pulses	Chirp (MHz)	(us)	Pri(us)	Pulse 2 Pri(us)	Pri(us)	Start Loc (us)	Interval	(us) Interval (us
1	841450	2	17	55	1028	1305	0	360079	0	666666
2	686891	1	12	65	1994	0	0	1203862	666667	1333333
3 4	615486	1	11	95	1989	0	0	1892747	1333334	2000000
4 5	769761	3	10 15	75 50	1142 1429	0 1728	o 1088	2510222 3281125	2000001 2666668	2666667 3333334
6	575083	2	9	85	1874	1120	0	3860453	3333335	4000001
7	251242	3	14	65	1392	1513	1151	4114689	4000002	466668
В	707069	2	18	70	1414	1600	0	4825814	4666669	5333335
9	783502	2	13	75	1210	1855	0	5612330	5333336	6000002
10	779916 418086	2	17	65	1675	1775	0	6395311	6000003	6666669
11	538566	2	18	95	1519	1216	0	6816847	6666670	7333336
12	740584	1	10	90	1558	0	0	7358148	7333337	8000003
13	1004534	3	12	65	1378	1957	1863	8100290	8000004	8666670
14	778672	2	12	60	1274	1448	0	9110022	8666671	9333337
15	701888	2	14 19	85 95	1278 1754	1725 0	0	9891416 10596307	9333338	10000004
16 17	167123	2	17	100	1754	1762	0	10765184	1066667	
18	961734	3	7	50	1398	1076	1839	11730434	11333333	
otal numb	er of pulses i	n waveform =	35		******		1000	11100404	1100000	1200000
				Type 5	Radar W	/aveform	n_13			
aveform N	um = 13									
rst Inte	um = 13 sts = 20 rval (us) = 6000 Off Time (us) 325488	000 # Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
ı		1	16	60	1600	0	0	325488	0	599999
2	546541 494576	3	14	65	1854	1483	1492	873629	600000	1199999
3	529469	2	16	75	1501	1222	0	1373034	1200000	1799999
	690228	3	15	80	1398	1713	1642	1905226	1800000	239999
	474766	3	16	65	1224	1412	1827	2600207	2400000	2999999
,	991521	2	7 5	50 60	1152	1646	0	3079436 4073755	3000000	3599999 4199999
3	703585	3	18	60 60	1673 1409	o 1646	0	4073755 4779013	3600000 4200000	4199999 4799999
,	420812	1	8	95	1065	0	0	5204271	4800000	5399999
.0	418271	3	7	95	1618	1641	1289	5623607	5400000	599999
.1	629736	2	18	85	1478	1754	0	6257891	6000000	6599999
12	526857 789904	з	14	100	1638	1281	1204	6787980	6600000	7199999
LB	394687	1	16	70	1427	0	0	7582007	7200000	7799999
14	578686	1	17	70	1471	0	0	7978121	7800000	839999
.5	575184	2	5	55	1185	1022	0	8558278	8400000	899999
16	638683	3	13 10	55 65	1997	1924	1432	9135669 9779705	9000000	9599999
17	633979	2	16	90	1244 1094	1581	0	10414928	9600000 10200000	10199999 10799999
	728966			95	1630		0	11146569	10800000	11399999
		2								
18 19 20	816925 er of pulses ir	1	6	70	1306	1387 0	0	11966511	11400000	11999999



N				Type 5	Radar W	aveform	_14			
um of Burs	m = 14 ts = 17 val (us)= 7058	92								
ust inter	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1	Pulse 2	Pulse 3	Start Loc (us)	Start Burst	End Burst
	(us) 209709	Puises 2	(MHZ) 9	(us) 70	Pri (us) 1718	Pri(us) 1593	Pri(us) O	209709	Interval (us)	Interval (us) 705881
	1021087	3	20	65	1725	1866	1472	1234107	705882	1411763
	830597	1	11	70	1223	0	0	2069767	1411764	2117645
	266507	1	11	100	1464	0	0	2337497	2117646	2823527
	649014	3	20	85	1449	1573	1905	2987975	2823528	3529409
	794314	3	14	75	1627	1104	1429	3787216	3529410	4235291
	456263									
	1219701	1	8	75	1342	0	0	4247639	4235292	4941173
	431387	1	15	50	1104	0	0	5468682	4941174	5647055
	1126164	1	18	100	1441	0	0	5901173	5647056	6352937
	606452	3	14	85	1282	1996	1055	7028778	6352938	7058819
	795272	3	8	60	1099	1822	1808	7639563	7058820	7764701
	422062	2	7	70	1695	1288	0	8439564	7764702	8470583
	890825	3	9	80	1974	1942	1412	8864609	8470584	9176465
	530751	2	11	65	1944	1927	0	9760762	9176466	9882347
	698006	3	14	75	1763	1434	1783	10295384	9882348	10588229
	391226	3	16	100	1219	1867	1895	10998370	10588230	11294111
al numbe:	r of pulses in	1 waveform = 3	18 6	55	1554	0	0	11394577	11294112	11999993
		*************************************	**************************************			*				
				Type 5	Radar W	aveform	_15			
eform Nu of Burs	ts = 14									
st Inter	val (us)= 8571		an :	T31"	D. 2	D. 1	D-2 6	e		
st	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burs Interval (u	
	146312	1	19	75	1222	0	0	146312	0	857142
	1465427	_					-		-	
	104268	2	5	50	1349	1278	0	1612961	857143	1714285
	1030196	1	20	85	1097	0	0	1719856	1714286	2571428
	1451823	2	9	80	1201	1246	0	2751149	2571429	3428571
		3	20	80	1460	1593	1177	4205419	3428572	4285714
	348595	3	6	50	1292	1938	1937	4558244	4285715	5142857
	587526	2	18	65	1426	1820	0	5150937	5142858	6000000
	994276									
	805344	1	8	85	1152	0	0	6148459	6000001	6857143
	1570776	3	16	80	1287	1222	1899	6954955	6857144	7714286
	620535	2	14	70	1790	1303	0	8530139	7714287	8571429
		3	9	75	1304	1873	1275	9153767	8571430	9428572
	1047405	3	18	55	1903	1995	1983	10205624	9428573	10285715
	419638	2	11	75	1520	1675	0	10631143	10285716	11142858
		-			1205					
	1288991			70		0	0	11923329	11142859	12000001
al numbe	r of pulses in	1 n waveform = :	8 29							
al numbe	r of pulses in	n waveform = :	29		1200	***				
al numbe	r of pulses in	n waveform = :	29				_16			
eform Nu	r of pulses in	n waveform = :	29				_16			
al numbe	r of pulses in	a waveform = : 	29 ************************************	Type 5			_16			
eform Nu	m = 16 ts = 13 val (us) = 9230 Off Time	a waveform = :	29 ************************************	Type 5	5 Radar W	aveform	Pulse 3	Start Loc	Start Burst Interval(us)	End Burst
eform Nu of Burs st Inter	m = 16 ts = 13 val (us)= 9230	a waveform = :	Chirp (MHz)	Type 5	Pulse 1	Pulse 2 Pri(us)	Pulse 3 Pri(us)	(us)	Interval (us)	Interval (us)
eform Nu of Burs st Inter	m = 16 ts = 13 val (us) = 9230 Off Time (us)	a waveform = :	29 ************************************	Type 5	5 Radar W	Pulse 2 Pri(us)	Pulse 3 Pri(us) O	(us) 294533	Interval (us)	Interval (us) 923076
eform Nu of Burs st Inter	m = 16 ts = 13 val (us) = 9230 Off Time (us) = 294533 777353	a waveform = :	Chirp (MHz)	Type 5	Pulse 1	Pulse 2 Pri(us)	Pulse 3 Pri(us)	(us)	Interval (us)	Interval (us)
eform Nu of Burs st Inter	m = 16 ts = 13 val (us) = 9230 Off Time (us) = 294533 777353 1318201	a waveform = :	Chirp (MHz)	Type 5	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us) O	(us) 294533	Interval (us)	Interval (us) 923076
eform Nu of Burs st Inter	m = 16 ts = 13 val (us) = 9230 Off Time (us) = 294533 777353	a waveform = :	29 Chirp (HHz) 7 11 13	Type 5	Pulse 1 Pri(us) 1662 1505 1983	Pulse 2 Pri (us) 0 0	Pulse 3 Pri(us) O O	(us) 294533 1073548 2393254	Interval (us) 0 923077 1846154	Interval (us) 923076 1846153 2769230
eform Nu of Burs st Inter	m = 16 ts = 13 val (us) = 9230 Off Time (us) = 294533 777353 1318201	a waveform = :	Chirp (MHz) 7 11 13	Type 5 PW (us) 100 70 80 95	Pulse 1 Pri(us) 1662 1505 1983	Pulse 2 Pri(us)	Pulse 3 Pri(us) O O O	(us) 294533 1073548 2393254 3284491	Interval (us) 0 923077 1846154 2769231	Interval (us) 923076 1846153 2769230 3692307
eform Nu of Burs st Inter	m = 16 ts = 13 val (us) = 9230 Off Time (us) 29453 777353 1318201 389254	a waveform = :	29 Chirp (HHz) 7 11 13	Type 5 PW (us) 100 70 80 95 75	Pulse 1 Pri(us) 1662 1505 1983 1794 1829	Pulse 2 Pri(us)	Pulse 3 Pri(us) 0 0 0 0	(us) 294533 1073548 2393254 3284491 3958472	Interval (us) 0 923077 1846154 2769231 3692308	Interval (us) 923076 1846153 2769230 3692307 4615384
eform Nu of Burs st Inter	m = 16 ts = 13 val (us) = 9230 Off Time (us) 294533 777353 1318201 889254 672187 1505827	a waveform = :	Chirp (MHz) 7 11 13	Type 5 PW (us) 100 70 80 95	Pulse 1 Pri(us) 1662 1505 1983	Pulse 2 Pri(us)	Pulse 3 Pri(us) O O O	(us) 294533 1073548 2393254 3284491	Interval (us) 0 923077 1846154 2769231	Interval (us) 923076 1846153 2769230 3692307
eform Nu of Burs st Inter	m = 16 ts = 13 val (us)= 9230 Off Time (us) 294533 777353 1318201 889254 672187 1505827 409246	2 waveform = 3 + + + + + + + + + + + + + + + + + +	Chirp (MHz) 7 11 13 12 15	Type 5 PW (us) 100 70 80 95 75	Pulse 1 Pri(us) 1662 1505 1983 1794 1829	Pulse 2 Pri(us)	Pulse 3 Pri(us) 0 0 0 0	(us) 294533 1073548 2393254 3284491 3958472	Interval (us) 0 923077 1846154 2769231 3692308	Interval (us) 923076 1846153 2769230 3692307 4615384
eform Nu of Burs st Inter	m = 16 ts = 13 val (us) = 9230 Off Time (us) 294533 777353 1318201 889254 672187 1505827	######################################	Chirp (MHz) 7 11 13 12 15 10 9	Type 5 PW (us) 100 70 80 95 75 90 90	Pulse 1 Pri(us) 1662 1505 1983 1794 1829 1470 1390	Pulse 2 Pri(us) 0 0 0 0 0 0 1554 1333	Pulse 3 Pri(us) 0 0 0 0 0 0 1265	(us) 294533 1073548 2393254 3284491 3958472 5466128 5879663	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538
eform Nu of Burs st Inter	m = 16 ts = 13 val (us)= 9230 Off Time (us) 294533 777353 1318201 889254 672187 1505827 409246	a waveform = : : : : : : : : : : : : : : : : : :	Chirp (MHz) 7 11 13 12 15 10 9	Pw (us) 100 70 80 95 75	Pulse 1 Pri(us) 1662 1505 1983 1794 1829 1470 1390	Pulse 2 Pri (us) 0 0 0 0 0 1554 1333	Pulse 3 Pri(us) 0 0 0 0 0 0 1265	(us) 294533 1073548 2393254 3284491 3958472 5466128 5879663 7080352	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462 6461539	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538 7384615
eform Nu of Burs st Inter	m = 16 ts = 13 val (us)= 9230 Off Time (us) 294533 777353 1318201 889254 672187 1505827 409246 1197966 1161240	######################################	Chirp (MHz) 7 11 13 12 15 10 9	Pw (uz) 100 70 80 95 75 90 90 75 80	Pulse 1 Pri(us) 1662 1505 1983 1794 1829 1470 1390	Pulse 2 Pri(us) 0 0 0 0 0 0 1554 1333	Pulse 3 Pri(us) 0 0 0 0 0 0 1265 0	(us) 294533 1073548 2393254 3284491 3958472 5466128 5879663	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538
eform Nu of Burs st Inter	m = 16 ts = 13 val (us)= 9230 Off Time (us) 294533 777353 1318201 889254 672187 1505827 409246 1197966 1161240 424485	a waveform = : : : : : : : : : : : : : : : : : :	Chirp (MHz) 7 11 13 12 15 10 9	Pw (us) 100 70 80 95 75	Pulse 1 Pri(us) 1662 1505 1983 1794 1829 1470 1390	Pulse 2 Pri (us) 0 0 0 0 0 1554 1333	Pulse 3 Pri(us) 0 0 0 0 0 0 1265	(us) 294533 1073548 2393254 3284491 3958472 5466128 5879663 7080352	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462 6461539	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538 7384615
eform Nu of Burs st Inter	m = 16 ts = 13 val (us)= 9230 Off Time (us) 294533 777353 1318201 889254 672187 1505827 409246 1197966 1161240 424485 1110888	######################################	Chirp (MHz) 7 11 13 12 16 10 9 6 17	Pw (uz) 100 70 80 95 75 90 90 75 80	Pulse 1 Pri(us) 1662 1505 1983 1794 1829 1470 1390 1222 1980	Pulse 2 Pri (us) 0 0 0 0 1554 1333 0 0	Pulse 3 Pri(us) 0 0 0 0 0 0 1265 0	(us) 294533 1073548 2393254 3284491 3958472 5466128 5879663 7080352 8242814	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462 6461539 7384616	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538 7384615 8307692
eform Nu of Burs st Inter	m = 16 ts = 13 val (us)= 9230 Off Time (us) 294533 777353 1318201 889254 672187 1505827 409246 1197966 1161240 424485	######################################	Chirp (MHz) 7 11 13 12 15 10 9 6 17 5	Pw (us) 100 70 80 95 95 90 75 80 75	Pulse 1 Pri(us) 1662 1505 1983 1794 1829 1470 1390 1222 1980 1268 1632	Pulse 2 Pri(us) 0 0 0 0 0 1554 1333 0 0	Pulse 3 Pri(us) 0 0 0 0 0 0 1265 0 0	(us) 294533 1073548 2393254 3284491 3958472 5466128 5879663 7080352 8242814 8669279 9781435	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462 6461539 7384616 8307693 9230770	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538 7384615 8307692 9230769 10153846
eform Nu of Burs st Inter	m = 16 ts = 13 val (us)= 9230 Off Time (us) 294533 777353 1318201 889254 672187 1505827 409246 1197966 1161240 424485 1110888	######################################	Chirp (MHz) 7 11 13 12 15 10 9 6 17 5	Pw (us) 100 70 80 95 75 90 76 80 75	Pulse 1 Pri(us) 1662 1505 1983 1794 1829 1470 1390 1222 1980	Pulse 2 Pri(us) 0 0 0 0 0 1554 1333 0	Pulse 3 Pri(us) 0 0 0 0 0 0 1265 0 0	(us) 294533 1073548 2393254 3284491 3958472 5466128 5879663 7080352 8242814 8669279	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462 6461539 7384616 8307693	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538 7384615 8307692 9230769



				Type :	5 Radar V	Vaveform	1_17			
eform Nu	um = 17									
of Burs	sts = 10 rval (us)= 1200	000								
st	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	606315	2	17	100	1165	1710	0	606315	0	1199999
	1510201	3	8	85	1674	1410	1101	2119391	1200000	2399999
	1310434	1	11	75	1979	0	0	3434010	2400000	3599999
	1347269	3	15	60	1454	1775	1642	4783258	3600000	4799999
	701381	3	17	85	1694	1495	1474	5489510	4800000	5999999
	881724	2	9	50	1682	1467	0	6375897	6000000	7199999
	1863259	1	19	70	1034	0	0	8242305	7200000	8399999
	821414	1	15	50	1873	0	0	9064753	8400000	9599999
	1491437	1	7	80	1904	0	0	10558063	9600000	10799999
	1102569	1	5	55	1383	0	0	11662536	10800000	11999999
al numb	er of pulses in	waveform = 1	8				v	11002000	10000000	11222333
						T-T-				
				Type :	5 Radar V	Vaveform	า_18			
form M.	um = 18									
of Burs	sts = 8									
st Inter	rval (us)= 1500	000								
:t	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	74699					,,				
	2593753	2	10	80	1766	1562	0	74699	0	1499999
	659105	2	15	80	1481	1180	0	2671780	1500000	2999999
		1	11	75	1856	0	0	3333546	3000000	4499999
	1441689	1	13	50	1386	0	0	4777091	4500000	5999999
	2389581	2	17	90	1903	1547	0	7168058	6000000	7499999
	502813	_					-			
	2100561	3	7	75	1645	1888	1942	7674321	7500000	8999999
	731585	2	16	70	1291	1665	0	9780357	9000000	10499999
		2	18	50	1456	1566	0	10514898	10500000	11999999
	er of pulses in ************					ok:				
				Type	5 Radar V	Vaveform	າ 19			
				. , , , ,						
	um = 19 sts = 12 rval (us)= 1000	1000								
of Bur:		#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Ştart Loc	Start Burst	End Burst
of Bur: st Inter	Off Time	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us)
of Bur:	Off Time (us) 507899		16	95	1941	0	0	507899	0	999999
of Bur:	(us)	1		C.F.	1073	1373	1357	1686162	1000000	1999999
of Bur:	(us) 507899	3	15	95		^		2637262	2000000	2999999
of Bur:	(us) 507899 1176322	3 1	15 11	85	1692	0	0	0500540	9000000	20000000
of Bur:	(us) 507899 1176322 947297	3 1 1	15 11 20	85 100	1692 1695	0	0	3530748	3000000	3999999
of Bur:	(us) 507899 1176322 947297 891794	3 1 1 2	15 11 20 17	85 100 70	1692 1695 1267	0 1247	o o	4305505	4000000	4999999
of Bur:	(us) 507899 1176322 947297 891794 773062	3 1 1 2 1	15 11 20 17 7	85 100 70 90	1692 1695 1267 1416	0 1247 0	o o o	4305505 5934698	4000000 5000000	499999 599999
of Bur:	(us) 507899 1176322 947297 891794 773062 1626679	3 1 1 2 1 3	15 11 20 17 7	85 100 70 90 95	1692 1695 1267 1416 1999	0 1247 0 1477	0 0 0 1156	4305505 5934698 6705901	4000000 5000000 6000000	4999999 5999999 6999999
of Bur: st Inter	(us) 507899 1176322 947297 891794 773062 1626679 769787	3 1 1 2 1 3 2	15 11 20 17 7 6	85 100 70 90 95	1692 1695 1267 1416 1999	0 1247 0 1477 1581	0 0 0 1156 0	4305505 5934698 6705901 7491211	4000000 5000000 6000000 7000000	4999999 5999999 6999999 7999999
of Bur: st Inter	(us) 507899 1176322 947297 891794 773062 1626679 769787	3 1 1 2 1 3 2	15 11 20 17 7 6 10	85 100 70 90 95 95	1692 1695 1267 1416 1999 1871	0 1247 0 1477 1581	0 0 0 1156 0	4305505 5934698 6705901 7491211 8124093	4000000 5000000 6000000 7000000 8000000	4999999 5999999 6999999 7999999
of Bur:	(us) 507899 1176322 947297 891794 773062 1626679 769787 780678 629430	3 1 1 2 1 3 2 1	15 11 20 17 7 6 10 6	85 100 70 90 95 95 55	1692 1695 1267 1416 1999 1871 1205	0 1247 0 1477 1581 0	0 0 0 1156 0 0	4305505 5934698 6705901 7491211 8124093 9867293	4000000 5000000 6000000 7000000 8000000	4999999 5399999 6999999 7999999 8999999
of Bur:	(us) 507899 1176322 947297 891794 773062 1626679 769787 780678 629430 1741995	3 1 1 2 1 3 2	15 11 20 17 7 6 10	85 100 70 90 95 95	1692 1695 1267 1416 1999 1871	0 1247 0 1477 1581	0 0 0 1156 0	4305505 5934698 6705901 7491211 8124093	4000000 5000000 6000000 7000000 8000000	4999999 5999999 6999999 7999999



of Bursts = : st Interval	20	, ,	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
(1	us) 492463	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us)
	156419	2	6	95	1704	1339	0	492463	0	599999
	779710	2	7	65	1300	1881	0	651925	600000	1199999
	530915	1	5	90	1058	0	0	1434816	1200000	1799999
	482876	1	8	85	1311	0	0	2066789	1800000	2399999
	784600	3	10	55	1281	1657	1599	2550976	2400000	2999999
		3	19	100	1501	1693	1460	3340113	3000000	3599999
	311222	3	19	90	1268	1277	1366	4155989	3600000	4199999
	153320	1	10	60	1689	0	0	4313220	4200000	4799999
	937037	3	8	95	1461	1468	1235	5251946	4800000	5399999
	408426	1	17	70	1165	0	0	5664536	5400000	5999999
	359587	2	5	60	1821	1086	0	6025288	6000000	6599999
	543497	1	14	95	1725	0	0	6671692	6600000	7199999
	333020	2	20	76	1061	1281	0	7506437	7200000	7799999
	363949	1	17	50	1163	0	0	8372728	7800000	8399999
	237942	3	11	70	1907	1214	1370	8611833	8400000	8999999
	485804	3	14	95	1620	1580	1822	9102128	9000000	9599999
	331446	2	19	70	1752	1810	0	9938596	9600000	10199999
	735005	3	14	90	1454	1924	1441	10677163	10200000	10799999
	456747	3	7	50	1266	1126	1977	11138729	10800000	11399999
	417917	1	16	70	1561	0	0	11561015	11400000	11999999
l number of	pulses in w	vaveform = 4	1 			int				

Waveform Num = 21	
Num of Bursts = 8	
Burst Interval (us)= 1500000	

Burst #	Off Time (us) 829073	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1175345	2	9	55	1585	1416	0	829073	0	1499999
2	1483545	3	10	85	1497	1232	1324	2007419	1500000	2999999
3		3	9	100	1158	1245	1859	3495017	3000000	4499999
4	1778758	1	10	70	1326	0	0	5278037	4500000	5999999
5	1590703	2	13	75	1589	1437	0	6870066	6000000	7499999
6	1315074	1	9	60	1839	0	0	8188166	7500000	8999999
7	2067811	2	16	75	1558	1451	0	10257816	9000000	10499999
8	1237938	1	15	95	1521	0	0	11498763	10500000	11999999
Total numbe:	r of pulses in ***************					*				

				Type	5 Radar V	Vaveforn	1_22					
Num of Bu	Waveform Num = 22 Num of Bursts = 12 Burst Interval (us)= 1000000											
Burst #	Off Time (us) 81551	# Pulses	Chirp (MHz)	P₩ (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)		
1	1623961	2	8	60	1625	1268	0	81551	0	999999		
2	1268374	1	14	75	1790	0	0	1708405	1000000	1999999		
3	1268374 879337	3	5	60	1782	1351	1487	2978569	2000000	2999999		
4	1069203	2	5	75	1201	1544	0	3862526	3000000	3999999		
5	422363	1	12	95	1632	0	0	4934474	4000000	4999999		
6	1588856	2	5	90	1828	1992	0	5358469	5000000	5999999		
7		2	20	50	1185	1584	0	6951145	6000000	6999999		
8	1027920	2	7	50	1873	1278	0	7981834	7000000	7999999		
9	545176	1	14	65	1493	0	0	8530161	8000000	8999999		
10	801534	1	20	85	1750	0	0	9333188	9000000	9999999		
11	1338351	3	10	95	1468	1630	1517	10673289	10000000	10999999		
12	334128	3	12	90	1194	1126	1810	11012032	11000000	11999999		

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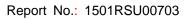
				Type	5 Radar	Wavefor	m_23			
eform P	Num = 23									
of Bur	Num = 23 rsts = 17 erval (us)= 7058	382								
st	Off Time (us) 258609	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burs Interval(u	
	258609	1	11	60	1328	0	0	258609	0	705881
	976729	2	8	55	1755	1201	0	1236666	705882	1411763
	474547	2	20	60	1745	1499	0	1714169	1411764	2117645
	437563	2	11	60	1301	1123	0	2154976	2117646	2823527
	1030433	1	6	80	1867	0	0	3187833	2823528	3529409
	588183	3	18	65	1778	1907	1123	3777883	3529410	4235291
	1085055	3	12	75	1467	1200	1228	4867746	4235292	4941173
	85642	1	17	75	1476	0	0	4957283	4941174	5647055
	1016207	2	17	50	1755	1353	0	5974966	5647056	6352937
	774341	3	9	65	1454	1626	1916	6752415	6352938	7058819
	634668	1	18	95	1945	0	0	7392079	7058820	7764701
	709489	1	14	70	1236	0	0	8103513	7764702	8470583
	733814	2	7	60	1355	1829	0	8838563	8470584	9176465
	671259	1	19	50	1526	0	0	9513006	9176466	9882347
	996242	3	7	75	1908	1981	1453	10510774	9882348	10588229
	715176	1	20	70	1559	0	0	11231292	10588230	11294111
	93774	3	20	100	1656	1740	1915	11326625	11294112	11999993
1 numb	per of pulses in	a waveform = - - - - - - - - - - -	*************************************		+++++++++++++++++++++++++++++++++++++	***				
				Type	5 Radar \	Wavefor	m 24			
				1,400	O Rudui	· · · · · · · · · · · · · · · · · · ·				
of Bur	Num = 24 sts = 9									
t Inte	erval (us)= 1333	333								
t	Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 1192830	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us)
	1152000	2	8	65	1481	1255	0	1192830	0	1333332
	574008		10	05	1000	^	^	1800584	1000000	0000000
	986675	1	16	95	1280	0	0	1769574	1333333	2666665
		2	17	90	1423	1825	0	2757529	2666666	3999998
	1671938		4.5	400	4500	****	1000	4400045		F000004
	1120053	3	17	100	1532	1106	1266	4432715	3999999	5333331
		3	9	85	1824	1668	1836	5556672	5333332	6666664
	1192936	3	7	90	1362	1746	1329	6754936	6666665	7999997
	1299669	0	'	50	1002	1140	1025	0104200	0000000	1555551
	0050050	1	9	75	1243	0	0	8059042	7999998	9333330
	2270850	3	6	75	1024	1363	1414	10331135	9333331	10666663
	482666	•								
		1	.9 14	75	1139	0	0	10817602	10666664	11999996
l numb	er of pulses in									
	er of pulses in				10101010101010101010101010101010101010	*				
				999999999		*				
							m 25			
form N	ium = 25				5 Radar		m_25			
form Nof Bur	fum = 25 sts = 13 srval (us)= 9230		***************************************	Туре	5 Radar \	Wavefor				
form Nof Bur	fum = 25 sts = 13 srval (us) = 9230 Off Time (us)	***************************************					m_25	Start Loc	Start Burst Interval(us)	End Burst Interval(us)
form Nof Bur	fum = 25 strs = 13 strval (us) = 9230 Off Time	777 # Pulses	Chirp (MHz)	Type	5 Radar Pulse 1 Pri(us)	Wavefor Pulse 2 Pri(us)	Pulse 3 Pri(us)	(us)	Interval (us)	Interval (us)
form Nof Bur	fum = 25 sts = 13 srval (us) = 9230 Off Time (us)	######################################	Chirp (MHz) 8	Type PW (us) 80	Pulse 1 Pri(us) 1840	Wavefor Pulse 2 Pri(us) 0	Pulse 3 Pri(us) O	(us) 183330	Interval (us)	Interval (us) 923076
form Nof Bur	fum = 25 sts = 13 rval (us) = 9230 Off Time (us) 183330	777 # Pulses 1 1	Chirp (MHz) 8 8	Type Pw (us) 80 65	Pulse 1 Pri(us) 1540 1025	Wavefor Pulse 2 Pri(us) 0	Pulse 3 Pri(us) O	(us) 183330 1444357	Interval (us) 0 923077	Interval (us) 923076 1846153
form Nof Bur	fum = 25 sts = 13 srval (us) = 9230 Off Time (us) 183330 1259487 1023584	######################################	Chirp (MHz) 8	Type PW (us) 80	Pulse 1 Pri(us) 1840	Wavefor Pulse 2 Pri(us) 0	Pulse 3 Pri(us) O	(us) 183330	Interval (us)	Interval (us) 923076
form Nof Bur	fum = 25 sts = 13 srval (us) = 9230 Off Time (us) 183330 1259487 1023584 1188479	777 # Pulses 1 1	Chirp (MHz) 8 8	Type Pw (us) 80 65	Pulse 1 Pri(us) 1540 1025	Wavefor Pulse 2 Pri(us) 0	Pulse 3 Pri(us) O	(us) 183330 1444357	Interval (us) 0 923077	Interval (us) 923076 1846153
form Nof Bur	tum = 25 sts = 13 srval (us) = 9230 Off Time (us) 183330 1259487 1023584 1188479 872227	777 # Pulses 1 1 3	Chirp (MHz) 8 8 15	Type Pw (us) 80 65 100	Pulse 1 Pri(us) 1540 1025 1653	Wavefor Pulse 2 Pri(us) 0 0 1065	Pulse 3 Pri(us) 0 0	(us) 183330 1444357 2468966	Interval (us) 0 923077 1846154	Interval (us) 923076 1846153 2769230
form Nof Bur	fum = 25 sts = 13 srval (us) = 9230 Off Time (us) 183330 1259487 1023584 1188479	######################################	Chirp (MHz) 8 8 15 15 14	Pw (us) 80 65 100 95 60	Pulse 1 Pri(us) 1540 1025 1553 1261 1912	Pulse 2 Pri(us) 0 0 1065 1646 1383	Pulse 3 Pri(us) 0 0 1508 0 1564	(us) 183330 1444357 2468966 3661571 4536705	Interval (us) 0 923077 1846154 2769231 3692308	Interval (us) 923076 1846153 2769230 3692307 4615384
form Nof Bur	tum = 25 sts = 13 srval (us) = 9230 Off Time (us) 183330 1259487 1023584 1188479 872227	777 # Pulses 1 3 2 3 1	Chirp (MHz) 8 8 15 15 14 5	FW (us) 80 65 100 95 60 65	Pulse 1 Pri(us) 1540 1025 1553 1261 1912 1018	Pulse 2 Pri(us) 0 0 1065 1646 1383 0	Pulse 3 Pri(us) 0 0 1508 0 1564	(us) 183330 1444357 2468966 3661571 4536705 4815425	Interval (us) 0 923077 1846154 2769231 3692308 4615385	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461
form Nof Bur	Num = 25 ssts = 13 srval (us) = 9230 Off Time (us) 183330 1259487 1023584 1188479 872227 273861 1630113	######################################	Chirp (MHz) 8 8 15 15 14	Pw (us) 80 65 100 95 60	Pulse 1 Pri(us) 1540 1025 1553 1261 1912	Pulse 2 Pri(us) 0 0 1065 1646 1383	Pulse 3 Pri(us) 0 0 1508 0 1564	(us) 183330 1444357 2468966 3661571 4536705	Interval (us) 0 923077 1846154 2769231 3692308	Interval (us) 923076 1846153 2769230 3692307 4615384
form Nof Bur	Aum = 25 sets = 13 serval (us) = 9230 Off Time (us) 183330 1259487 1023584 1188479 872227 273861 1630113 930402	777 # Pulses 1 3 2 3 1	Chirp (MHz) 8 8 15 15 14 5	FW (us) 80 65 100 95 60 65	Pulse 1 Pri(us) 1540 1025 1553 1261 1912 1018	Pulse 2 Pri(us) 0 0 1065 1646 1383 0	Pulse 3 Pri(us) 0 0 1508 0 1564	(us) 183330 1444357 2468966 3661571 4536705 4815425	Interval (us) 0 923077 1846154 2769231 3692308 4615385	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461
form Nof Bur	fum = 25 strs = 13 strs = (us) = 9230 Off Time (us) 183330 1259487 1023584 1188479 872227 273861 1630113 930402 540532	777 # Pulses 1 3 2 3 1 2	Chirp (MHz) 8 15 14 5 15	Type FW (us) 80 65 100 95 60 65 75	Pulse 1 Pri(us) 1540 1025 1553 1261 1912 1018 1691	Pulse 2 Pri(us) 0 0 1065 1646 1383 0	Pulse 3 Pri(us) 0 0 1508 0 1564 0	(us) 183330 1444357 2468966 3661571 4536705 4815425 6446556	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538
form Nof Bur	Aum = 25 sets = 13 serval (us) = 9230 Off Time (us) 183330 1259487 1023584 1188479 872227 273861 1630113 930402	#Pulses 1 3 2 3 1 2	Chirp (Miz) 8 8 15 15 14 5 15 13	Type PW (us) 80 65 100 95 60 65 75 65 85	Pulse 1 Pri(us) 1540 1025 1553 1261 1912 1018 1691 1242 1429	Pulse 2 Pri(us) 0 0 1065 1646 1383 0 1101 1489 0	Pulse 3 Pri(us) 0 0 1508 0 1564 0 0 1580	(us) 183330 1444357 2468966 3661571 4536705 4815425 6446556 7379750 7924593	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462 6461539 7384616	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538 7384615 8307692
form Nof Bur	fum = 25 strs = 13 strs = (us) = 9230 Off Time (us) 183330 1259487 1023584 1188479 872227 273861 1630113 930402 540532	#Pulses 1 3 2 3 1 2 3 1 3	Chirp (Mfz) 8 8 15 15 14 5 15 13 11	Type PW (us) 80 65 100 95 60 65 75 65 85 75	Pulse 1 Pri(us) 1540 1025 1553 1261 1912 1018 1691 1242 1429 1771	Pulse 2 Pri(us) 0 0 1065 1646 1383 0 1101 1489 0	Pulse 3 Pri(us) 0 0 1508 0 1564 0 0 1580 0	(us) 183330 1444357 2468966 3661571 4536705 4815425 6446556 7379750 7924593 8421968	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462 6461539 7384616 8307693	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538 7384615 8307692 9230769
form Nof Bur	Num = 25 sts = 13 rval (us) = 9230 (us) 183330 1259487 1023584 1188479 872227 273861 1630113 930402 540532 495946	**************************************	Chirp (MHz) 8 8 15 15 14 5 15 13 11 15 15 15	Type Pw (us) 80 65 100 95 60 65 75 65 85 75 70	Pulse 1 Pri(us) 1540 1025 1553 1261 1912 1018 1691 1242 1429 1771 1695	Pulse 2 Pri(us) 0 0 1065 1646 1383 0 1101 1489 0 1279 1312	Pulse 3 Pri(us) 0 0 1508 0 1564 0 0 1580 0	(us) 183330 1444357 2468966 3661571 4536705 4815425 6446556 7379750 7924593 8421968 10027298	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462 6461539 7384616 8307693 9230770	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538 7384615 8307692 9230769 10153846
form N	fum = 25 sts = 13 srval (us) = 9230 Off Time (us) 183330 1259487 1023584 1188479 872227 273861 1630113 930402 540532 495946 1600448	#Pulses 1 3 2 3 1 2 3 1 3	Chirp (Mfz) 8 8 15 15 14 5 15 13 11	Type PW (us) 80 65 100 95 60 65 75 65 85 75	Pulse 1 Pri(us) 1540 1025 1553 1261 1912 1018 1691 1242 1429 1771	Pulse 2 Pri(us) 0 0 1065 1646 1383 0 1101 1489 0	Pulse 3 Pri(us) 0 0 1508 0 1564 0 0 1580 0	(us) 183330 1444357 2468966 3661571 4536705 4815425 6446556 7379750 7924593 8421968	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462 6461539 7384616 8307693	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538 7384615 8307692 9230769



				Type	5 Radar V	Vaveform	n_26			
veform Nu	m = 26									
	m = 26 ts = 19 val (us)= 6315	179								
rst	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval (us)	End Burst Interval(us)
	383330	2	15	65	1013	1420	0	383330	0	631578
	825770 655920	3	10	95	1256	1475	1478	1211533	631579	1263157
	76463	3	20	55	1287	1406	1918	1871662	1263158	1894736
		2	14	55	1926	1847	0	1952736	1894737	2526315
	1112583	1	8	75	1079	0	0	3069092	2526316	3157894
	325725	1	13	85	1949	0	0	3395896	3157895	3789473
	842357	3	9	80	1246	1149	1397	4240202	3789474	4421052
	742641	3	6	70	1412	1836	1597	4986635	4421053	5052631
	407421	1	6	90	1151	0	0	5398901	5052632	5684210
	580862	3	13	85	1175	1097	1901	5980914	5684211	6315789
	459396 777079	3	6	95	1770	1514	1123	6444483	6315790	6947368
		3	18	100	1114	1863	1237	7225969	6947369	7578947
	383769	1	7	65	1608	0	0	7613952	7578948	8210526
	956757	1	8	95	1134	0	0	8572317	8210527	8842105
	423765	2	20	55	1875	1752	0	8997216	8842106	9473684
	985049	3	14	85	1337	1100	1370	9985892	9473685	10105263
	152188	3	17	70	1883	1770	1253	10141887	10105264	10736842
	712464	3	8	70	1130	1856	1570	10859257	10736843	11368421
	1011903	3	20	50	1674	1786	1417	11875716	11368422	12000000
al numbe	r of pulses in	waveform = 4	4 							
				Type	5 Radar V	Vaveform	n_ 27			
eform Nur of Burs	ts = 17									
	val (us)= 7058	32								
st	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst H Interval(us)	ind Burst Interval(us)
	143980	1	9	70	1585	0	0	143980	0	705881
	1115517	1	18	75	1414	0	0	1261082	705882	1411763
	244264	3	11	90	1170	1754	1765	1506760		2117645
	1234254									
	726856	3	19	95	1441	1372	1678	2745703		2823527
	304875	2	16	50	1618	1785	0	3477050		3529409
	866385	3	5	90	1533	1157	1329	3785328		4235291
	325275	2	10	70	1585	1878	0	4655732	4235292	4941173
	1099374	1	11	100	1642	0	0	4984470	4941174	5647055
		2	17	95	1893	1339	0	6085486	5647056	6352937
	300114	1	8	50	1999	0	0	6388832	6352938	7058819
	1192933	1	7	95	1856	0	0	7583764	7058820	7764701
	867935	1	17	50	1672	0	0	8453555	7764702	8470583
	701811	3	11	90	1479	1049	1525	9157038		9176465
	130008	2		50	1125	1525	0	9291099		9882347
	1232463		11							
	451209	3	5	55	1406	1144	1798	10526212		10588229
	930920	1	10	60	1998	0	0	10981769		11294111
al number	r of pulses in	1 waveform = 31	13	100	1793	0	0	11914687	11294112	11999993
						-				
				Type	5 Radar V	Vaveforn	n_28			
eform Nu of Burs	ts = 10									
st Inter	val (us)= 1200	000								
	Off Time	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
st	(us)	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us)
st	1000000		18	75	1643	0	0	1032762	0	1199999
st	1032762	1	10		1040	~	~	1006106	~	1100000
st	1032762 523283	1		Fo	1186	1953	1992	1557688	1200000	2399999
st	523283	1 3	12	50	1100				0400000	9500000
st		3				1071				3599999
st	523283 1311554		12 5	70	1551	1071	1307	2874373	2400000	
st	523283	3				1071 0	1307	2874373 4144837	3600000	4799999
st	523283 1311554	3 3 1	5 11	70 50	1551 1232	0	0	4144837	3600000	4799999
st	523283 1311554 1266535 1163232	3 3	5	70	1551					
st	523283 1311554 1266535	3 3 1 2	5 11 12	70 50 75	1551 1232 1304	0 1046	0	4144837 5309301	3600000 4800000	4799999 5999999
st	523283 1311554 1266535 1163232	3 3 1	5 11	70 50	1551 1232	0	o o o	4144837	3600000	4799999
st	523283 1311554 1266535 1163232 1787831 1268644	3 3 1 2	5 11 12	70 50 75	1551 1232 1304	0 1046	0	4144837 5309301	3600000 4800000	4799999 5999999
st	523283 1311554 1266535 1163232 1787831	3 3 1 2 2	5 11 12 9 7	70 50 75 50 90	1551 1232 1304 1644 1097	0 1046 1434 1389	o o o	4144837 5309301 7099482 8371204	3600000 4800000 6000000 7200000	4799999 5999999 7199999 8399999
st	523283 1311554 1266535 1163232 1787831 1268644 1057928	3 3 1 2 2	5 11 12 9	70 50 75 50	1551 1232 1304 1644	0 1046 1434	o o o	4144837 5309301 7099482	3600000 4800000 6000000	4799999 5999999 7199999
st	523283 1311554 1266535 1163232 1787831 1268644 1057928 777361	3 3 1 2 2	5 11 12 9 7	70 50 75 50 90	1551 1232 1304 1644 1097	0 1046 1434 1389	o o o	4144837 5309301 7099482 8371204	3600000 4800000 6000000 7200000	4799999 5999999 7199999 8399999
st	523283 1311554 1266535 1163232 1787831 1268644 1057928	3 3 1 2 2 2 2 1 3	5 11 12 9 7 20 20	70 50 75 50 90 85 65	1551 1232 1304 1644 1097 1785	0 1046 1434 1389 0 1562	0 0 0 0 0 0	4144837 5309301 7099482 8371204 9431618 10210764	3600000 4800000 6000000 7200000 8400000	479999 599999 7199999 839999 959999
	523283 1311554 1266535 1163232 1787831 1268644 1057928 777361	3 3 1 2 2 2 1 3 2	5 11 12 9 7 20 20	70 50 75 50 90 85	1551 1232 1304 1644 1097 1785	0 1046 1434 1389 0	0 0 0 0	4144837 5309301 7099482 8371204 9431618	3600000 4800000 6000000 7200000 8400000	479999 599999 719999 839999 959999



				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Radar W					
veform N m of Bur rst Inte	fum = 29 sts = 20 rval (us)= 6000	000								
rst	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us
	544778	1	5	65	1714	0	0	544778	0	599999
	182628	3	7	55	1787	1254	1958	729120	600000	1199999
	851220 635759	1	17	75	1990	0	0	1585339	1200000	1799999
	731380	3	6	70	1263	1422	1416	2223088	1800000	2399999
	167808	3	6	70	1627	1575	1284	2958569	2400000	2999999
	561884	1	6	65	1657	0	0	3130863	3000000	3599999
	606577	2	6	75 65	1242	1299	0	3694404	3600000	4199999
	1084962	3	10	65 100	1372 1933	1062 1821	1785 0	4303522 5392703	4200000 4800000	4799999 5399999
)	255235	2	6	85	1464	1098	0	5651692	5400000	599999
Ĺ	767576	3	8	70	1787	1033	1792	6421830	6000000	6599999
	651755	1	14	100	1110	0	0	7078197	6600000	7199999
3	125104	2	9	70	1282	1211	0	7204411	7200000	7799999
1	914700	2	5	75	1870	1887	0	8121604	7800000	839999
5	814495 173810	2	13	50	1131	1914	0	8939856	8400000	899999
5	562795	2	11	75	1211	1725	0	9116711	9000000	9599999
7	846753	3	16	50	1751	1574	1116	9682442	9600000	10199999
		1	12	50	1506	0	0	10533636	10200000	10799999
3	679848									
al numb	366214 er of pulses in	2 1 1 waveform = 4	19 10		1938 1474 **********************************		° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	11214990 11584631	10800000 11400000	11399999 11999999
8 9 0 tal numb	366214 er of pulses in	2 1 1 waveform = 4	19 10	55	1474	o ***	0			
reform No	366214 ex of pulses in fill the state of t	2 1 waveform = 4:	19 10 HILLING	Type 5	5 Radar W	/aveform	1_30 Pulse 3	11584631	11400000 Start Burst	11999999 End Burst
reform No	366214 ex of pulses in um = 30 sts = 9 rval (us) = 1333: Off Time (us) 607724	2 a waveform = 4:	19 10 10	Type 5	5 Radar W	→ ° /aveform	1_30	11584631	1140000	11999999
reform No	366214 ex of pulses in um = 30 sts = 9 rval (us) = 1333: Off Time (us) 607724 1044190	2 2 3 waveform = 4	Chirp	Type 5	5 Radar W	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc	Start Burst Interval(us)	ingeses
s tal numb tal	366214 ex of pulses in first pulses in first pulses in um = 30 sts = 9 rval (us) = 1333: 0ff Time (us) 607724 1044190 1424421	2 3 waveform = 44 WHITE HITE HITE 333 # Pulses 3	Chirp (MHz)	Type 5	Pulse 1 Pri(us)	Pulse 2 Pri (us)	Pulse 3 Pri(us)	Start Loc (us) 607724	Start Burst Interval(us)	End Burst Interval(us)
s tal numb tal	366214 ex of pulses in um = 30 sts = 9 rval (us) = 1333: Off Time (us) 607724 1044190	2 a waveform = 4	Chirp (MHz) 11	Type 5	Pulse 1 Pri(us) 1750 1614	Pulse 2 Pri(us) 1829 1780	Pulse 3 Pri(us) 1097 1676	Start Loc (us) 607724 1656590	Start Burst Interval(us) 0 1333333	End Burst Interval (us. 1333332 2666665
s tal numb tal	366214 ex of pulses in um = 30 sts = 9 rval (us)= 1333: Off Time (us) 607724 1044190 1424421 1135957	2 1 waveform = 4 1	Chirp (MHz) 11 14 20 16	Type 5 P\((us) \) 85 55 50 65 60	Pulse 1 Pri (us) 1750 1614 1225 1097 1367	Pulse 2 Pri(us) 1829 1780 1142 0	Pulse 3 Pri(us) 1097 1676 0	Start Loc (us) 607724 1656590 3086081 4224405 5617056	Start Burst Interval(us) 0 1333333 2666666 3999999 5333332	End Burst Interval (us 1333332 2666665 399998 5333331 6666664
veform Nu	ose214 ose of pulses in um = 30 sts = 9 rval (us)= 1333: Off Time (us) 607724 1044190 1424421 1135957 1391554	333 # Pulses 3 2 1 1 2	Chirp (MHz) 11 14 20 16 7 12	Type 5 PW (us) 85 55 60 65 60	Pulse 1 Pri(us) 1750 1614 1225 1097 1367 1004	Pulse 2 Pri (us) 1829 1780 1142 0 0	Pulse 3 Pri(us) 1097 1676 0	Start Loc (us) 607724 1656590 3086081 4224405 5617056 7201938	Start Burst Interval(us) 0 1333333 2666666 399999 5333332 6666665	End Burst Interval(us 1333332 2666665 399998 5333331 6666664 7999997
s tal numb tal	ose214 ose of pulses in um = 30 sts = 9 rval (us)= 1333: Off Time (us) 607724 1044190 1424421 1135957 1391554 1583515	2 1 waveform = 4 1	Chirp (MHz) 11 14 20 16	Type 5 P\((us) \) 85 55 50 65 60	Pulse 1 Pri (us) 1750 1614 1225 1097 1367	Pulse 2 Pri(us) 1829 1780 1142 0	Pulse 3 Pri(us) 1097 1676 0	Start Loc (us) 607724 1656590 3086081 4224405 5617056	Start Burst Interval(us) 0 1333333 2666666 3999999 5333332	End Burst Interval (us 1333332 2666665 399998 5333331 6666664





Radar Type 6 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5669	1	16	5669	1
2	5669	1	17	5669	1
3	5669	1	18	5669	1
4	5669	1	19	5669	1
5	5669	1	20	5669	1
6	5669	1	21	5669	1
7	5669	1	22	5669	1
8	5669	1	23	5669	1
9	5669	1	24	5669	1
10	5669	1	25	5669	1
11	5669	1	26	5669	1
12	5669	1	27	5669	1
13	5669	1	28	5669	1
14	5669	1	29	5669	1
15	5669	1	30	5669	1
	Det	ection Percentage	(%)		100%



F	Radar waveform #	1	F	Radar waveform #	2
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
9	5552	27	1	5571	3
12	5565	36	17	5550	51
18	5582	54	25	5583	75
27	5545	81	26	5541	78
29	5580	87	28	5547	84
41	5588	123	32	5569	96
43	5596	129	35	5589	105
65	5598	195	40	5588	120
67	5555	201	42	5543	126
75	5590	225	44	5590	132
81	5553	243	45	5549	135
83	5546	249	46	5598	138
90	5564	270	52	5546	156
			61	5545	183
			70	5576	210
			84	5542	252

F	Radar waveform #	3	F	Radar waveform #	4
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
4	5543	12	0	5575	0
7	5573	21	18	5592	54
41	5598	123	31	5568	93
59	5574	177	39	5576	117
80	5595	240	44	5540	132
81	5548	243	54	5565	162
91	5562	273	60	5573	180
97	5591	291	68	5550	204
			77	5581	231

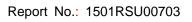




F	Radar waveform #	5	F	Radar waveform #	6
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
5	5562	15	0	5559	0
13	5569	39	8	5573	24
19	5547	57	17	5562	51
37	5571	111	28	5580	84
40	5540	120	30	5582	90
52	5570	156	43	5550	129
61	5554	183	49	5543	147
68	5568	204	51	5593	153
71	5541	213	56	5546	168
73	5584	219	66	5570	198
80	5577	240	67	5555	201
89	5552	267	77	5569	231
97	5546	291	95	5547	285
			96	5583	288



ı	Radar waveform #	7		Radar waveform	#8
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
4	5568	12	6	5594	18
8	5573	24	8	5574	24
10	5570	30	15	5565	45
15	5595	45	24	5549	72
26	5567	78	29	5561	87
28	5546	84	42	5557	126
38	5562	114	57	5579	171
42	5590	126	61	5560	183
46	5554	138	66	5543	198
48	5544	144	86	5598	258
51	5584	153	91	5572	273
55	5543	165	94	5576	282
61	5582	183			
63	5561	189			
70	5578	210			
75	5598	225			
84	5555	252			
91	5585	273			





F	Radar waveform #	9	R	adar waveform #	10
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
3	5570	9	0	5555	0
4	5586	12	3	5580	9
13	5573	39	9	5543	27
16	5567	48	17	5572	51
18	5585	54	18	5564	54
27	5557	81	48	5578	144
53	5589	159	51	5574	153
64	5575	192	52	5539	156
91	5580	273	54	5593	162
94	5548	282	57	5573	171
95	5572	285	60	5576	180
			70	5594	210
			72	5589	216
			75	5563	225
			92	5590	276



R	adar waveform #1	11	R	adar waveform #	12
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
5	5582	15	6	5561	18
11	5589	33	7	5582	21
24	5581	72	29	5551	87
29	5586	87	41	5589	123
42	5546	126	50	5572	150
53	5585	159	56	5542	168
57	5559	171	85	5571	255
65	5554	195	90	5576	270
68	5597	204			
69	5593	207			
79	5563	237			
80	5544	240			
81	5543	243			
99	5568	297			

R	adar waveform #1	13	R	adar waveform #1	14
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
5	5595	15	1	5588	3
9	5546	27	5	5546	15
16	5572	48	16	5550	48
25	5589	75	25	5567	75
27	5575	81	26	5591	78
38	5550	114	54	5594	162
44	5559	132	60	5551	180
49	5588	147	64	5560	192
51	5567	153	73	5566	219
63	5592	189	76	5579	228
93	5586	279	77	5574	231
			80	5592	240





R	adar waveform #1	15	R	adar waveform #	16
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
5	5591	15	28	5549	84
6	5563	18	30	5546	90
12	5579	36	31	5542	93
17	5555	51	35	5598	105
26	5541	78	40	5539	120
32	5568	96	57	5561	171
33	5566	99	71	5589	213
34	5571	102	79	5594	237
51	5546	153	84	5587	252
53	5584	159	94	5566	282
54	5539	162			
63	5573	189			
67	5575	201			
77	5680	231			
78	5544	234			
82	5548	246			
91	5581	273			

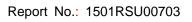




R	adar waveform #1	17	R	adar waveform #1	18
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
5	5560	15	8	5557	24
14	5561	42	9	5548	27
21	5568	63	12	5585	36
22	5546	66	18	5562	54
25	5542	75	23	5571	69
27	5540	81	24	5541	72
31	5578	93	25	5599	75
36	5570	108	53	5597	159
74	5555	222	58	5559	174
75	5556	225	80	5572	240
84	5596	252	91	5574	273
92	5563	276	94	5550	282

R	adar waveform #1	19	R	adar waveform #2	20
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
0	5581	0	0	5583	0
7	5549	21	31	5594	93
22	5575	66	51	5571	153
30	5591	90	52	5564	156
32	5580	96	57	5561	171
33	5558	99	60	5542	180
37	5576	111	72	5584	216
46	5572	138	87	5543	261
48	5570	144	88	5592	264
51	5592	153	89	5574	267
58	5577	174	90	5563	270
60	5598	180	98	5570	294
61	5552	183			
69	5545	207			
82	5587	246			
84	5593	252			
R	adar waveform #2	21	Radar waveform #22		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)

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Number	(MHz)		Number	(MHz)	
3	5580	9	9	5554	27
4	5550	12	10	5565	30
9	5594	27	22	5570	66
1	5539	3	46	5599	138
13	5589	39	54	5555	162
22	5586	66	56	5540	168
23	5557	69	57	5572	171
34	5565	102	70	5551	210
43	5559	129	72	5595	216
50	5593	150	76	5592	228
52	5545	156	84	5563	252
55	5596	165	97	5566	291
68	5599	204	98	5573	294
73	5558	219			
83	5575	249	-1		
87	5552	261			
90	5572	270			

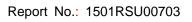


R	adar waveform #2	23	Radar waveform #24		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
15	5599	45	4	5539	12
34	5563	102	8	5580	24
37	5560	111	15	5574	45
40	5576	120	16	5556	48
41	5559	123	18	5577	54
52	5568	156	31	5583	93
63	5594	189	40	5567	120
68	5583	204	42	5560	126
71	5541	213	54	5552	162
79	5592	237	75	5578	225
86	5579	258	79	5553	237
89	5572	267	74	5558	222
			90	5584	270





R	adar waveform #2	25	R	adar waveform #2	26
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
2	5563	6	4	5553	12
13	5544	39	12	5560	36
17	5576	51	13	5572	39
25	5559	75	23	5580	69
57	5552	171	25	5587	75
55	5554	165	28	5584	84
75	5545	225	32	5592	96
79	5598	237	36	5582	108
82	5543	246	45	5542	135
87	5567	261	48	5586	144
99	5597	297	51	5565	153
			52	5571	156
			64	5554	192
			72	5564	216
			81	5585	243
			94	5547	282





R	adar waveform #2	27	R	adar waveform #2	28
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
14	5566	42	5	5546	15
25	5599	75	18	5573	54
31	5578	93	21	5550	63
49	5563	147	26	5553	78
62	5564	186	27	5596	81
63	5594	189	35	5591	105
75	5574	225	39	5577	117
95	5545	285	42	5578	126
			47	5572	141
			53	5549	159
			56	5529	168
			60	5582	180
			76	5584	228
			79	5583	237
			89	5580	267





R	adar waveform #2	29	R	adar waveform #3	30
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
6	5586	18	3	5582	9
24	5594	72	9	5584	27
28	5580	84	48	5596	144
30	5568	90	56	5579	168
40	5576	120	64	5576	192
44	5584	132	80	5568	240
47	5558	141	99	5572	297
54	5578	162			
61	5596	183			
64	5589	192			
71	5549	213			
75	5556	225			
76	5543	228			
83	5562	249			
84	5561	252			



6. CONCLUSION

The data collected relate only the item(s) tested and show that the WiFi Concurrent 4 Port GE LAN VolP Ethernet Gateway with USB FCC ID: 2ABLK-844E-2 is in compliance with Part 15E of the FCC Rules.

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The End