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Report No.: 1807TW0102-U1 Report Version: V01 Issue Date: 10-18-2018

DFS MEASUREMENT REPORT

FCC PART 15 Subpart E & IC RSS-247 WLAN 802.11b/g/n

IC: 109D-FZCWI4A1

APPLICANT: Nokia Solutions and Networks, OY

Application Type: Certification

Product: Wireless Access Point

Model No.: WI4A-AC400i

Brand Name: NOKIA

FCC Classification: Unlicensed National Information Infrastructure (UNII)

FCC Rule Part(s): Part 15 Subpart E - 15.407 Section (h)(2)

KDB 905462 D02v02, KDB 905462 D04v01

Type of Device: Master Device

Client Device (No radar detection)

Client Device with radar detection

Test Date: July 02 ~ 08, 2018

Reviewed By: Faddy

Paddy Chen)

Approved By:

(Chenz Ker)



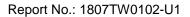


Testing Laboratory 3261

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 D02v02. 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 (Taiwan) Co., Ltd.





Revision History

Report No.	Version	Description	Issue Date	Note
1807TW0102-U1	Rev. 01	Initial Report	10-18-2018	Valid

This report is supplemented to BV Original "RF160530E01A-3" Report adding "MESH mode" and related data

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§2.1033 General Information

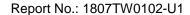
Applicant:	Nokia Solutions and Networks, OY	
Applicant Address:	2000 W. Lucent Lane, Naperville, Illinois, United States, 60563	
Manufacturer:	Nokia Solutions and Networks, OY	
Manufacturer Address:	2000 W. Lucent Lane, Naperville, Illinois, United States, 60563	
Test Site:	MRT Technology (Taiwan) Co., Ltd	
Test Site Address:	No. 38, Fuxing Second Rd., Guishan Dist., Taoyuan City 333, Taiwan	
	(R.O.C)	
MRT Registration No.:	153292	
MRT IC Registration No.:	21723-1	
FCC Rule Part(s):	Part 15 Subpart E - 15.407 Section (h)(2)	
IC Rule(s):	RSS-247 Issue 2	
Test Device Serial No.:	☐ Production ☐ Pre-Production ☐ Engineering	

Test Facility / Accreditations

Measurements were performed at MRT Laboratory located in Fuxing Rd., Taoyuan, Taiwan (R.O.C)

- •MRT facility is a FCC registered (Reg. No. 153292) test facility with the site description report on file and is designated by the FCC as an Accredited Test Film.
- MRT facility is an IC registered (MRT Reg. No. 21723-1) test laboratory with the site description on file at Industry Canada.
- MRT Lab is accredited to ISO 17025 by the American Association for Laboratory
 Accreditation (TAF) under the American Association for Laboratory Accreditation Program
 (TAF Cert. No. 3261) in EMC, Telecommunications and Radio testing for FCC, Industry
 Taiwan, EU and TELEC Rules.

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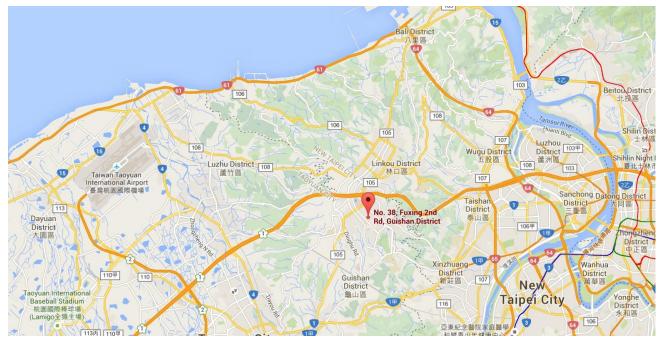
1. INTRODUCTION

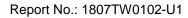
1.1. Scope

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 Taoyuan City. These measurement tests were conducted at the MRT Technology (Taiwan) Co., Ltd. Facility located at No.38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 33377, Taiwan (R.O.C).







2. PRODUCT INFORMATION

2.1. Equipment Description

Product Name:	Wireless Access Point
Model No.:	WI4A-AC400i
Brand Name:	NOKIA
Wi-Fi Specification:	802.11a/b/g/n/ac
Frequency Range	2.4GHz:
	For 802.11b/g/n-HT20: 2412 ~ 2462 MHz
	For 802.11n-HT40: 2422 ~ 2452 MHz
	5GHz:
	For 802.11a/n-HT20/ac-VHT20:5180~5320MHz, 5500~5720MHz,
	5745~5825MHz
	For 802.11n-HT40/ac-VHT40:5190~5310MHz, 5510~5710MHz,
	5755~5795MHz
	For 802.11ac-VHT80:5210MHz, 5290MHz, 5530MHz, 5610MHz, 5690MHz,
	5775MHz
	For 802.11ac-VHT80+80:
	5210 MHz + 5290 MHz, 5210 MHz + 5530 MHz, 5210 MHz + 5610 MHz,
	5210 MHz + 5690 MHz, 5210 MHz + 5775 MHz, 5290 MHz + 5530 MHz,
	5290 MHz + 5610 MHz, 5290 MHz + 5690 MHz, 5290 MHz + 5775 MHz,
	5530 MHz + 5610 MHz, 5530 MHz + 5690 MHz, 5530 MHz + 5775 MHz,
	5610 MHz + 5690 MHz, 5610 MHz + 5775 MHz, 5690 MHz + 5775 MHz
Type of Modulation	802.11b: DSSS, 802.11a/g/n/ac: OFDM
Modulation Type	CCK, DQPSK, DBPSK for DSSS
	16QAM, 64QAM, 256QAM, QPSK, BPSK for OFDM
Power-on cycle	Requires 45.3 seconds to complete its power-on cycle
Uniform Spreading (For	For the 5250-5350MHz, 5470-5725 MHz bands, the Master device provides,
DFS Frequency Band)	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	TX	Per (Per Chain Max Antenna Gain (dBi)			Beam Forming	CDD Dii	rectional
Туре	(MHz)	Paths						Gain	(dBi)
			Ant 1	Ant 2	Ant 3	Ant 4	Gain (dBi)	For Power	For PSD
	5150	4	3.81	5.67	5.69	4.85	11.06	5.69	11.71
DIEA	5250	4	3.71	5.95	5.41	4.66	10.99	5.95	11.97
PIFA	5350	4	4.06	5.83	5.20	4.32	10.90	5.83	11.85
Antenna	5725	4	5.83	5.38	4.92	5.02	11.32	5.83	11.85
	5825	4	6.21	5.38	5.07	4.87	11.42	6.21	12.23

Note:

- 1. The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated. For CDD transmissions, directional gain is calculated as follows, $N_{ANT} = 4$, $N_{SS} = 1$.
 - 1) If all antennas have the same gain, G_{ANT} , Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.
 - For power spectral density (PSD) measurements on all devices,
 Array Gain = 10 log(N_{ANT}/ N_{SS}) dB = 6.02;
 - For power measurements on IEEE 802.11 devices,
 Array Gain = 0 dB for N_{ANT} ≤ 4;
 - 2) If antenna gains are not equal, the user may use either of the following methods to calculate directional gain, provided that each transmit antenna is driven by only one spatial stream:
 - Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain;

• Directional Gain =
$$10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^{2}}{N_{ANT}} \right]$$

 $g_{i,k} = 10^{G_k/20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

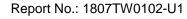
 G_{ι} is the gain in dBi of the kth antenna.

2. The EUT also supports Beam Forming mode, and the Beam Forming support 802.11n/ac, not include 802.11a.

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).

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Unequal antenna gains, with equal transmit powers. For antenna gains given by $G_1,\,G_2,\,...,\,G_NdBi.$

- 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.]

2.3. DFS Band Carrier Frequencies Operation

802.11 a/n-HT20/ac-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 MH z
132	5660 MHz	136	5680 MHz	140	5700 MHz
144	5720 MHz	-		-	

802.11n-HT40/ ac-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				

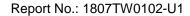
802.11ac-VHT80 Center Working Frequency of Each Channel

Channel	Frequency	Channel	Frequency	Channel	Frequency
58	5290 MHz	106	5530 MHz	122	5610 MHz
138	5690 MHz				

2.4. Test Mode

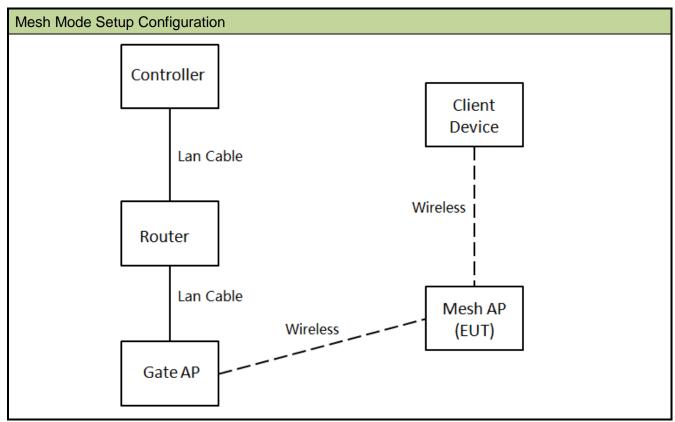
Test Mode Mode 1: Communication with Notebook by MES	SH Mode
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2.5. Configuration of Mesh Mode





3. DFS DETECTION THRESHOLDS AND RADAR TEST WAVEFORMS

3.1. Applicability

The following table from FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 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

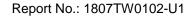
Requirement	Operational Mode		
	Master Device or Client With Radar Detection	Client Without Radar Detection	
DFS Detection Threshold	Yes	Not required	
Channel Closing Transmission Time	Yes	Yes	
Channel Move Time	Yes	Yes	
U-NII Detection Bandwidth	Yes	Not required	

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 v02 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
Observat Marca Tira	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
o i i i boloolion banawidin	power bandwidth. See Note 3.
Note 1: Channel Move Time and the Chann	al Closing Transmission Time should be performed with

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

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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	-64 dBm
spectral density 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 Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 3-6 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	$\begin{array}{c} \text{Roundup} \left\{ \left(\frac{1}{360} \right). \\ \left(\frac{19 \cdot 10^6}{\text{PRI}_{\text{usec}}} \right) \right\} \end{array}$	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate	(Radar Typ	pes 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

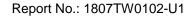
Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses Per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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. Radiated Test Setup

The FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 describes a radiated test setup. The radiated test setup was used for this testing. Figure 3-1 shows the typical test setup.

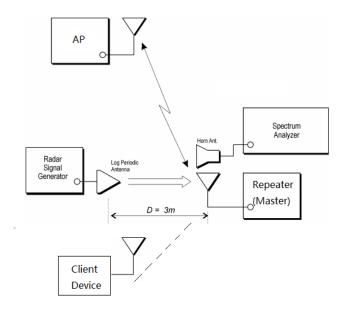


Figure 3-1: Radiated Test Setup where UUT is a Master and Radar Test Waveforms are injected into the Masters



4. TEST EQUIPMENT CALIBRATION DATE

Dynamic Frequency Selection (DFS) – TR3

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2019/07/10
MXG X-Series Microwave Analog Signal Generator	KEYSIGHT	N5183B	MRTTWA00013	1 year	2019/04/17
Temperature/Humidity Meter	TFA	35.1078.10.IT	MRTTWA00033	1 year	2019/06/08
Combiner	WOKEN	0120N02208001D	MRTTWA00040	1 year	N/A
Broadband Hornantenna	SCHWARZBECK	BBHA 9120D	MRTTWA00003	1 year	2019/04/05

Client Information

Instrument	Manufacturer	Type No.
Wireless Network Adapter	Intel	7260HMW
Wireless Access Point	Nokia	WI4A-AC400i

Software	Version	Manufacturer	Function
Pulse Building	N/A	Agilent	Radar Signal Generation Software
DFS Tool	V 6.9.2	Agilent	DFS Test Software

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5. TEST RESULT

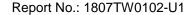
5.1. Summary

Company Name: Nokia Solutions and Networks, OY

FCC ID: 2AD8UFZCWI4A1 IC: 109D-FZCWI4A1

Parameter	Limit	Test Result	Reference	
UNII Detection				
Bandwidth	Refer Table 3-3	Pass	Section 5.3	
Measurement				
Statistical Performance	Refer Table 3-3	Pass	Section 5.4	
Check	Refer Table 3-3	F d S S	3e0001 5.4	

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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.

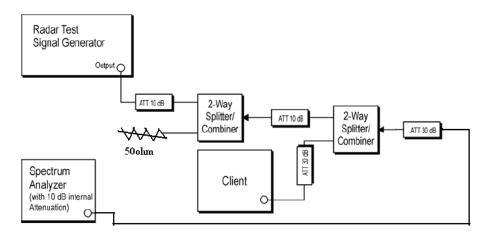
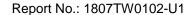


Figure 3-2: Conducted Test Setup

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.

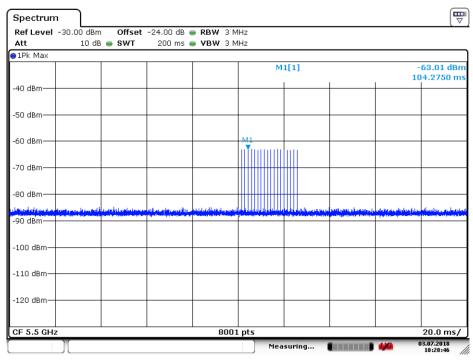
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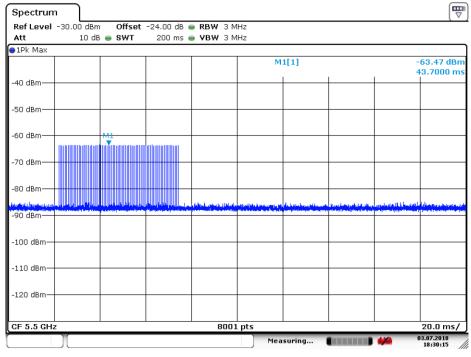
5.2.3. Cablibration Result

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



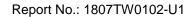
Date: 3.JUL.2018 18:28:47

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



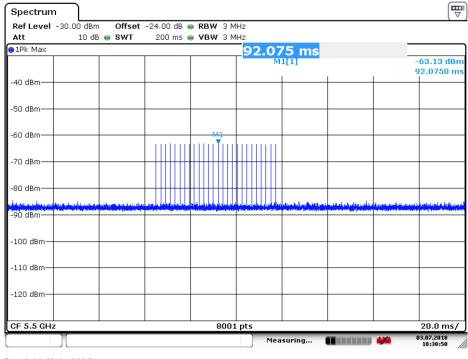
Date: 3.JUL.2018 18:30:15

PRI = 678us and the number of pulses = 78





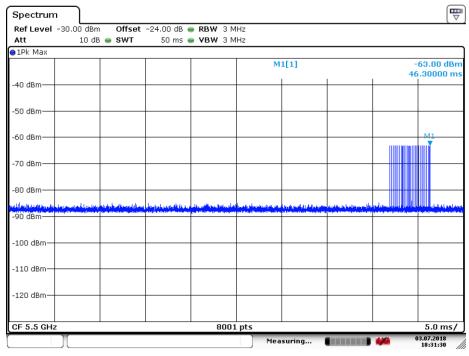
Radar #1(Test B) DFS detection threshold level and the burst of pulses on the Channel frequency



Date: 3.JUL.2018 18:30:51

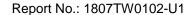
PRI = 2.091ms and the number of pulses = 26

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



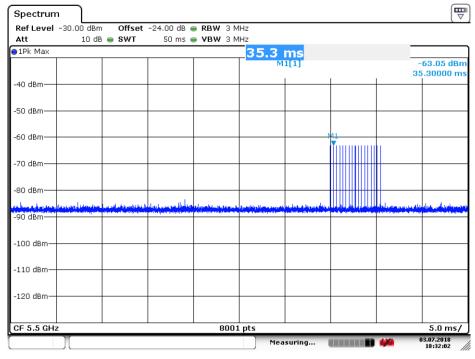
Date: 3.JUL.2018 18:31:30

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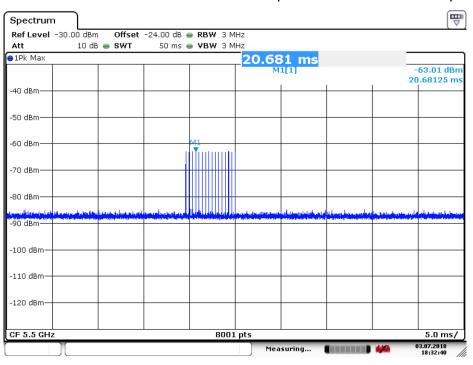


Radar #3 DFS detection threshold level and the burst of pulses on the Channel frequency



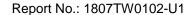
Date: 3.JUL.2018 18:32:03

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



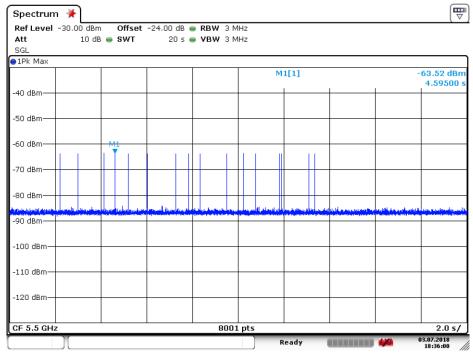
Date: 3.JUL.2018 18:32:40

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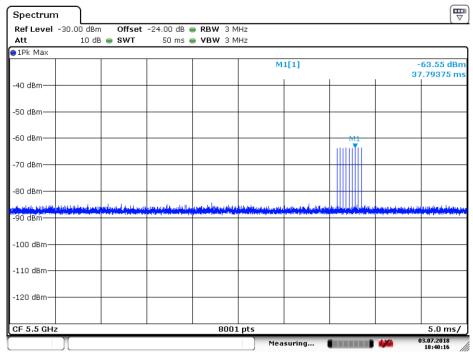


Radar #5 DFS detection threshold level and 12sec long burst on the Channel frequency



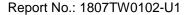
Date: 3.JUL.2018 18:36:01

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



Date: 3.JUL.2018 18:40:16

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5.2.4. Channel Loading Test Result

System testing was performed with the designated MPEG test file that streams full motion video from the **Wireless Access Point** 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).



Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11a	5500 MHz	29.76%	≥ 17%	Pass
802.11n-HT40	5510 MHz	28.44%	≥ 17%	Pass
802.11ac-VHT80	5530 MHz	28.30%	≥ 17%	Pass

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5.3. UNII Detection Bandwidth Measurement

5.3.1. 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.

5.3.2. Test Procedure

- 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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5.3.3. Test Result

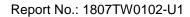
		E	UT Fr	equer	ncy = 5	500M	Hz for	802.1°	1a		
Radar Frequency			DF	S Det	ection	Trials	(1=D	etectio	on, 0=	No De	tection)
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	0	0	0	0	0	0	0	0	0	0	0%
5491 FL	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5506	1	1	1	1	1	1	1	1	1	1	100%
5507	1	1	1	1	1	1	1	1	1	1	100%
5508	1	1	1	1	1	1	1	1	1	1	100%
5509 FH	1	1	1	1	1	1	1	1	1	1	100%
5510	0	0	0	0	0	0	0	0	0	0	0%
Detection Bandwidth =	= FH -	FL = 5	509MF	lz - 54	91MHz	z = 18N	ЛHz				
FLIT 99% Bandwidth -	- 16 48	RMHz (see no	nte)							

EUT 99% Bandwidth = 16.48MHz (see note)

UNII Detection Bandwidth Min. Limit (MHz): 16.48MHz x 100% = 16.48MHz

Note: All UNII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 16.48MHz. (See the 99% BW section of the RF report for further measurement details).

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		EUT	Frequ	uency	= 551	0MHz 1	for 802	2.11n-l	HT40		
Radar Frequency			DF	S Det	ection	Trials	(1=De	etectio	n, 0=	No De	tection)
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	0	0	0	0	0	0	0	0	0	0	0%
5491	0	0	0	0	0	0	0	0	0	0	0%
5492 FL	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5526	1	1	1	1	1	1	1	1	1	1	100%
5527	1	1	1	1	1	1	1	1	1	1	100%
5528	1	1	1	1	1	1	1	1	1	1	100%
5529 FH	1	1	1	1	1	1	1	1	1	1	100%
5530	0	0	0	0	0	0	0	0	0	0	0%
Detection Bandwidth =	: FH - I	FL = 55	529MH	lz - 54	92MHz	z = 37N	ЛHz				
EUT 99% Bandwidth =	: 35.91	MHz (see no	te)							

UNII Detection Bandwidth Min. Limit (MHz): 35.91MHz x 100% = 35.91MHz

Note: All UNII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5510MHz. The 99% channel bandwidth is 35.91MHz. (See the 99% BW section of the RF report for further measurement details).

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		EUT Frequency = 5530MHz for 802.11ac-VHT80									
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 (%)
5490	0	0	0	0	0	0	0	0	0	0	0%
5491 FL	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5530	1	1	1	1	1	1	1	1	1	1	100%
5535	1	1	1	1	1	1	1	1	1	1	100%
5540	1	1	1	1	1	1	1	1	1	1	100%
5545	1	1	1	1	1	1	1	1	1	1	100%
5550	1	1	1	1	1	1	1	1	1	1	100%
5555	1	1	1	1	1	1	1	1	1	1	100%
5560	1	1	1	1	1	1	1	1	1	1	100%
5565	1	1	1	1	1	1	1	1	1	1	100%
5566	1	1	1	1	1	1	1	1	1	1	100%
5567	1	1	1	1	1	1	1	1	1	1	100%
5568	1	1	1	1	1	1	1	1	1	1	100%
5569 FH	1	1	1	1	1	1	1	1	1	1	100%
5570	0	0	0	0	0	0	0	0	0	0	0%
Detection Bandwidth =	FH -	FL = 5	569MH	lz - 54	91MHz	<u>z</u> = 78N	ЛHz				

EUT 99% Bandwidth = 75.65MHz (see note)

UNII Detection Bandwidth Min. Limit (MHz): 75.65MHz x 100% = 75.65MHz

Note: All UNII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5530MHz. The 99% channel bandwidth is 75.65MHz. (See the 99% BW section of the RF report for further measurement details).

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5.4. Statistical Performance Check Measurement

5.4.1. 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).

· ·	57	
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.

5.4.2. 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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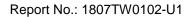


5.4.3. Test Result

Statistical Performance Check for 802.11a

Radar Type 1 - Radar Statistical Performance

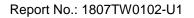
Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5491	1	778	68	1
2	5491	1	818	65	1
3	5491	1	538	99	1
4	5491	1	518	102	1
5	5491	1	618	86	1
6	5491	1	678	78	1
7	5491	1	898	59	1
8	5491	1	578	92	1
9	5491	1	938	57	1
10	5491	1	878	61	1
11	5500	1	858	62	1
12	5500	1	638	83	1
13	5500	1	558	95	1
14	5500	1	758	70	1
15	5500	1	918	58	1
16	5500	1	1718	31	1
17	5500	1	2310	23	1
18	5500	1	847	63	1
19	5500	1	669	79	1
20	5500	1	1731	31	1
21	5509	1	3051	18	1
22	5509	1	2538	21	1
23	5509	1	526	101	1
24	5509	1	2979	18	1
25	5509	1	889	60	1
26	5509	1	1293	41	1
27	5509	1	2909	19	1
28	5509	1	2840	19	1
29	5509	1	2019	27	1
30	5509	1	941	57	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	5491	3.2	158	27	1
2	5491	1.2	167	27	1
3	5491	2.1	189	25	1
4	5491	4.7	162	28	1
5	5491	1.3	188	27	1
6	5491	4.2	178	27	1
7	5491	1.6	216	24	1
8	5491	4.7	216	27	1
9	5491	3.3	192	27	1
10	5491	4.3	194	23	1
11	5500	4.1	152	24	1
12	5500	4.9	214	29	1
13	5500	4.7	170	29	1
14	5500	1.8	201	27	1
15	5500	2.7	194	29	1
16	5500	1.2	220	26	1
17	5500	1.1	191	23	1
18	5500	4.2	190	28	1
19	5500	3.8	179	25	1
20	5500	4.2	185	24	1
21	5509	3.9	222	25	1
22	5509	4.6	208	26	1
23	5509	3.0	229	25	1
24	5509	3.4	200	26	1
25	5509	1.9	201	24	1
26	5509	2.5	178	24	1
27	5509	2.2	210	23	1
28	5509	4.5	150	27	1
29	5509	4.3	200	27	1
30	5509	3.8	165	29	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	5491	9.5	301	16	1
2	5491	9.9	366	18	1
3	5491	9.8	337	18	1
4	5491	8.2	431	18	1
5	5491	8.0	354	18	1
6	5491	8.0	467	16	1
7	5491	8.2	371	17	1
8	5491	9.9	326	17	1
9	5491	7.3	480	16	1
10	5491	6.5	347	16	1
11	5500	9.8	450	18	1
12	5500	8.2	330	18	1
13	5500	9.0	431	17	1
14	5500	6.8	457	17	1
15	5500	6.1	394	18	1
16	5500	9.8	298	17	1
17	5500	7.8	282	16	1
18	5500	9.3	392	17	1
19	5500	10.0	463	17	1
20	5500	8.2	382	18	1
21	5509	6.6	415	17	1
22	5509	7.4	377	18	1
23	5509	7.4	358	17	1
24	5509	9.7	360	18	1
25	5509	9.2	355	18	1
26	5509	8.5	262	18	1
27	5509	6.5	321	16	1
28	5509	6.9	441	16	1
29	5509	7.1	252	18	1
30	5509	8.1	448	18	1
	Det	ection Percentage	(%)		100%

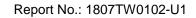


Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5491	11.7	368	12	1
2	5491	18.0	422	12	1
3	5491	18.2	424	16	1
4	5491	13.2	483	13	1
5	5491	19.0	420	14	1
6	5491	12.1	352	13	1
7	5491	15.7	397	15	1
8	5491	11.7	310	12	1
9	5491	13.7	440	14	1
10	5491	13.0	449	16	1
11	5500	11.7	260	15	1
12	5500	15.0	468	15	1
13	5500	13.2	293	13	1
14	5500	16.1	382	12	1
15	5500	16.8	379	14	1
16	5500	16.3	377	14	1
17	5500	14.0	500	13	1
18	5500	11.3	372	16	1
19	5500	11.9	415	13	1
20	5500	14.5	430	15	1
21	5509	11.8	348	16	1
22	5509	15.9	402	13	1
23	5509	11.9	409	12	1
24	5509	18.7	367	15	1
25	5509	13.8	426	15	1
26	5509	16.5	272	15	1
27	5509	18.0	263	14	1
28	5509	18.4	401	12	1
29	5509	15.5	473	15	1
30	5509	13.1	434	16	1
	Dete	ection Percentage	e (%)		100%

Note: In addition an average minimum percentage of successful detection across all four Short pulse radar test waveforms is as follows: $\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4} = (100\% + 100\% + 100\% + 100\%)/4 = 100\% (>80\%)$

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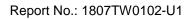


Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq.	1=Detection	Trail #	Test Freq.	1=Detection
	(MHz)	0=No Detection		(MHz)	0=No Detection
1	5496.8	1	16	5500.0	1
2	5496.0	1	17	5500.0	1
3	5499.2	1	18	5500.0	1
4	5495.2	1	19	5500.0	1
5	5494.0	1	20	5500.0	1
6	5499.6	1	21	5504.0	1
7	5497.6	1	22	5506.0	1
8	5494.4	1	23	5503.2	1
9	5498.8	1	24	5504.8	1
10	5495.6	1	25	5502.4	1
11	5500.0	1	26	5501.2	1
12	5500.0	1	27	5505.6	1
13	5500.0	1	28	5500.8	1
14	5500.0	1	29	5504.4	1
15	5500.0	1	30	5500.4	1
	Det	ection Percentage	(%)		100%

(up) Pulses (MHz) (up) Pri (up) Pri (up) Pri (up) Pri (up) Pri (up) Interval (up) Inte	r Waveform_1			1_1	aveform	Radar W	Type 5				
(us) 620247 Pulses (MHz) (us) Pri (us) Pri (us) Pri (us) Interval (us)									579		
1 18512	1 Pulse 2 Pulse 3 Start Loc Start s) Pri(us) Pri(us) (us) Interv	urst End Burst l(us) Interval(us	oc Start Burst Interval(us)		Pulse 2 Pri(us)	Pulse 1 Pri(us)	PW (us)	Chirp (MHz)		(us)	urst
2 907426	1356 1270 620247 0	631578	0	1270	1356	1219	55	12	3		L
Second S	0 0 742604 63157	1263157	631579	0	0	1880	55	12	1		2
1	1853 1545 1651910 12631	8 1894736	0 1263158	1545	1853	1941	95	12	3		i
429236 2 12 90 1553 1229 0 3135259 252816 3 639688 1 12 12 70 1302 0 0 3567277 3157895 3 639688 2 12 55 1949 1571 0 4208247 3789474 4 654000 3 12 65 1470 1600 1170 4745767 4421053 5 657419 2 12 50 1259 1487 0 5407426 505232 5 6 6 657419 2 12 50 1259 1487 0 5407426 505232 5 6 6 657419 2 12 65 1637 1088 1430 6001315 5684211 6 798002 2 12 70 1084 1620 0 6803472 5315790 6 6 798908 3 12 60 1096 1669 1750 7292714 6947369 7 73989 3 12 60 1096 1669 1750 7292714 6947369 7 73989 3 12 65 1351 1717 1482 8071218 7578948 8 4 342761 2 12 100 1751 1737 0 8418529 8210527 6 798385 3 12 80 1362 1557 1284 9220402 8842106 5 6 344317 3 12 80 1362 1557 1284 9220402 8842106 5 6 344317 3 12 90 1050 1769 1688 1050984 10105264 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1684 0 2326907 18947	7 2526315	7 1894737	0	1684	1628	80	12	2		
1 12 70 1302 0 0 3667277 3157895 0 0 6366787 3157895 0 0 636668 1 1 12 12 15 1949 1571 0 4208247 3789474 4 1 1 1 2 18 5 1878 9 1 1 1 2 18 5 1878 9 1 1 1 1 2 18 5 1878 9 1 1 1 1 2 18 5 1878 9 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1229 0 3135259 25263	6 3157894	9 2526316	0	1229	1553	90	12	2		
12 15 1949 1571 0 4208247 3789474 48 48 48 48 48 48 48	0 0 3567277 31578	5 3789473	7 3157895	0	0	1302	70	12	1		
657419 3 12 65 1470 1600 1170 4745767 4421053 5 5 5 5 1470 1600 1170 4745767 4421053 5 5 5 5 1487 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1571 0 4208247 37894	4 4421052	7 3789474	0	1571	1949	55	12	2		
2 12 50 1259 1487 0 5407426 5052632 5 1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 1 1 1	1600 1170 4745767 44210	3 5052631	7 4421053	1170	1600	1470	65	12	3		
0 1 798002 3 12 65 1637 1088 1430 6001315 6584211 6 6 1637 1088 1430 6001315 6584211 6 6 1639 1750 1 6 1639 1750 1 6 1639 1750 1 6 1639 1750 1 6 1639 1750 1 6 1639 1750 1 6 1639 1 750 1 6 1639 1 750 1 752714 6947969 7 6 1639 1 750 1 752714 6947969 7 6 1639 1 750 1	1487 0 5407426 50526	2 5684210	6 5052632	0	1487	1259	50	12	2		
1	1088 1430 6001315 56842	1 6315789	5 5684211	1430	1088	1637	65	12	3		.0
2	1620 0 6803472 63157	0 6947368	2 6315790	0	1620	1084	70	12	2		1
3 12 65 1351 1717 1482 8071218 7578948 8 3 42761 4 342761 2 12 100 1751 1737 0 8418529 8210527 8 5 5 344317 3 12 80 1362 1557 1284 9220402 8842106 9 96322 3 12 70 1154 1503 1783 9568922 9473685 1 964423 3 12 90 1050 1769 1688 10509684 10105264 1 9 245955 1 1 12 85 1876 0 0 0 11438477 11368422 1	1669 1750 7292714 69473	9 7578947	4 6947369	1750	1669	1096	60	12	3		2
4	1717 1482 8071218 75789	8 8210526	8 7578948	1482	1717	1351	65	12	3		3
5 344317 3 12 80 1362 1557 1284 9220402 8842106 5 6 344317 3 12 70 1154 1503 1783 9568922 9473685 1 7 936322 7 12 90 1050 1769 1688 10509684 10105264 1 8 674423 3 12 100 1529 1086 1293 11188614 10736843 1 9 245955 1 12 85 1876 0 0 11438477 11368422 1	1737 0 8418529 82105	7 8842105	9 8210527	0	1737	1751	100	12	2		4
6 3 12 70 1154 1503 1783 9568822 9473685 1 7 936322 7 12 90 1050 1769 1688 10509684 10105264 1 8 674423 3 12 100 1529 1086 1293 11188614 10736843 1 9 245955 1 12 85 1876 0 0 11438477 11368422 1	1557 1284 9220402 88421	6 9473684	2 8842106	1284	1557	1362	80	12	3		5
.7 966322	1503 1783 9568922 94736	5 10105263	2 9473685	1783	1503	1154	70	12	3		.6
8 3 12 100 1529 1086 1293 11188614 10736843 1 245955 1 12 85 1876 0 0 11438477 11368422 1	1769 1688 10509684 10105	64 10736842	84 10105264	1688	1769	1050	90		3		7
245955	1086 1293 11188614 10736	43 11368421	14 10736843	1293	1086	1529	100	12	3		8
tal number of pulses in waveform = 45								12	1		9
*************************************				-				15	waveform = 4	mber of pulses in	tal num

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				Type :	5 Radar V	avcioiii	'_ -			
	sts = 10 erval (us)= 1200	0000								
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)
	263512	3	10	70	1292	1043	1743	263512	0	1199999
	1434855	3	10	90	1683	1150	1894	1702445	1200000	2399999
	1569421	1	10	80	1177	0	0	3276593	2400000	3599999
	1367831	2	10	85	1735	1368	0	4645601	3600000	4799999
	424385	1	10	50	1061	0	0	5073089	4800000	5999999
	1259623	2	10	70	1144	1655	0	6333773	6000000	7199999
	920305	3	10	100	1248	1800	1846	7256877	7200000	8399999
	1923436	1	10	95	1250	0	0	9185207	8400000	9599999
	589318	1	10	60	1351	0	0	9775775	9600000	10799999
	1033135	2	10	60	1424	1082	0	10810261	10800000	11999999
al numb	er of pulses in	n waveform = 1	.9 ololololololololololol							
				Type	5 Radar V	Vaveform	ո_3			
	sts = 10 erval (us)= 1200	0000								
st	Off Time (us) 164571	# 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)
	2131770	2	18	70	1079	1598	0	164571	0	1199999
		2	18	55	1984	1424	0	2299018	1200000	2399999
	886354	3	18	70	1646	1577	1921	3188780	2400000	3599999
	1015962	2	18	70	1910	1177	0	4209886	3600000	4799999
	1756961	1	18	85	1707	0	0	5969934	4800000	5999999
	1083710	3	18	65	1932	1332	1438	7055351	6000000	7199999
	1055780	1	18	65	1311	0	0	8115833	7200000	8399999
	436126	2	18	85	1695	1197	0	8553270	8400000	9599999
	1785070	3	18	65	1008	1821	1437	10341232	9600000	10799999
	1241229	2	18	90	1760	1419	0	11586727	10800000	11999999
al numb		2								
	er of pulses in Octoboloolooloolooloolooloolooloolooloolool	n waveform = 2		***********		**				
		n waveform = 2					n_4			
of Bur		n waveform = 2			5 Radar V		1_4			
of Bur	sts = 13	n waveform = 2					Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	Interval (us)
of Bur	rsts = 13 rval (us) = 9230 Off Time (us) 164156	n waveform = 2	Chirp	Type \$	5 Radar V	Vaveform	Pulse 3		Start Burst Interval(us)	End Burst Interval(us) 923076
of Bur	rsts = 13 rval (us) = 9230 Off Time (us) 164156 881803	n waveform = 2	Chirp (MHz)	Type (Pulse 1 Pri(us)	Pulse 2 Pri (us)	Pulse 3 Pri(us)	(us)	Interval (us)	Interval (us)
of Bur	rsts = 13 rval (us) = 9230 Off Time (us) 164156 881803 1711603	n waveform = 2	Chirp (MHz)	Type s	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	(us) 164156	Interval (us)	Interval (us) 923076
of Bur	osts = 13 rval (us) = 9230 (fg Time (us) 164156 881803 1711603 654329	a waveform = 2	Chirp (MHz) 8	Type (Pulse 1 Pri(us) 1141 1736	Pulse 2 Pri(us) 0 1104	Pulse 3 Pri(us) O	(us) 164156 1047100	Interval (us) 0 923077	Interval (us) 923076 1846153
of Bur	sts = 13 rval (us)= 9230 Off Time (us) 164156 881803 1711603 654329 1083492	a waveform = 2 	Chirp (MHz) 8 8	PW (us) 80 90 75	Pulse 1 Pri(us) 1141 1736 1581	Pulse 2 Pri(us) 0 1104	Pulse 3 Pri(us) 0 0	(us) 164156 1047100 2761543	Interval (us) 0 923077 1846154	Interval (us) 923076 1846153 2769230
of Bur	rsts = 13 rrval (us)= 9230 Off Time (us) 164156 881803 1711603 654329 1083492 752685	1 waveform = 2	Chirp (MHz) 8 8 8	PW (us) 80 90 75 90	Pulse 1 Pri(us) 1141 1736 1581 1689	Pulse 2 Pri(us) 0 1104 0 1839	Pulse 3 Pri(us) 0 0 0	(us) 164156 1047100 2761543 3417453	Interval (us) 0 923077 1846154 2769231	Interval (us) 923076 1846153 2769230 3692307
of Bur	rsts = 13 rval (us)= 9230 Off Time (us) 164156 881803 1711603 654329 1083492 752685 448036	a waveform = 2 http://discharation.com/	Chirp (MHz) 8 8 8 8	PW (us) 80 90 75 90 65	Pulse 1 Pri(us) 1141 1736 1581 1689 1081	Pulse 2 Pri (us) 0 1104 0 1839 1034	Pulse 3 Pri(us) 0 0 0 0	(us) 164156 1047100 2761543 3417453 4504473	Interval (us) 0 923077 1846154 2769231 3692308	Interval (us) 923076 1846153 2769230 3692307 4615384
of Bur	off Time (us) = 9230 (us) = 92	2 2 3	Chirp (MHz) 8 8 8 8	PW (us) 80 90 75 90 65 50	Pulse 1 Pri(us) 1141 1736 1581 1689 1081	Pulse 2 Pri(us) 0 1104 0 1839 1034 1732	Pulse 3 Pri(us) 0 0 0 0 0	(us) 164156 1047100 2761543 3417453 4504473 5259273	Interval (us) 0 923077 1846154 2769231 3692308 4615385	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461
of Bur	rsts = 13 rval (us) = 9230 Off Time (us) 164156 881803 1711603 654329 1083492 752685 448036 1482804 547106	a waveform = 2	Chirp (MHz) 8 8 8 8 8	PW (us) 80 90 75 90 65 50	Pulse 1 Pri(us) 1141 1736 1581 1689 1081 1078	Pulse 2 Pri(us) 0 1104 0 1839 1034 1732 1193	Pulse 3 Pri(us) 0 0 0 0 0 0 1599	(us) 164156 1047100 2761543 3417453 4504473 5259273 5711718	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538
of Burst Inte	off Time (us) = 9230 (us) = 92	######################################	Chirp (MHz) 8 8 8 8 8	PW (us) 80 90 75 90 65 50 65	Pulse 1 Pri(us) 1141 1736 1581 1689 1081 1078 1098	Pulse 2 Pri(us) 0 1104 0 1839 1034 1732 1193 1851	Pulse 3 Pri(us) 0 0 0 0 0 0 0 1599 1210	(us) 164156 1047100 2761543 3417453 4504473 5259273 5711718 7198023	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462 6461539	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538 7384615
of Bur	rsts = 13 rval (us) = 9230 Off Time (us) 164156 881803 1711603 654329 1083492 752685 448036 1482804 547106	######################################	Chirp (MHz) 8 8 8 8 8 8 8	PW (us) 80 90 75 90 65 50 65 65 85	Pulse 1 Pri(us) 1141 1736 1581 1689 1081 1078 1098 1462 1687 1152	Pulse 2 Pri (us) 0 1104 0 1839 1034 1732 1193 1851 0	Pulse 3 Pri(us) 0 0 0 0 0 0 1599 1210 0	(us) 164156 1047100 2761543 3417453 4504473 5259273 5711718 7198023 7748442 8988056	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462 6461539 7384616 8307693	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538 7384615 8307692 9230769
of Burst Inte	rsts = 13 rrval (us) = 9230 Off Time (us) 164156 881803 1711603 654329 1083492 752685 448036 1482804 547106 1237927	######################################	Chirp (MHz) 8 8 8 8 8 8 8 8 8	PW (us) 80 90 75 90 65 50 65 85 65	Pulse 1 Pri(us) 1141 1736 1581 1689 1081 1078 1098 1462 1687 1152	Pulse 2 Pri(us) 0 1104 0 1839 1034 1732 1193 1851 0 1211	Pulse 3 Pri(us) 0 0 0 0 0 0 1599 1210 0 0	(us) 164156 1047100 2761543 3417453 4504473 5259273 5711718 7198023 7748442 8988056 9334468	1nterval(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
of Bur	rsts = 13 rrval (us)= 9230 Off Time (us) 164156 881803 1711603 654329 1083492 752685 448036 1482804 547106 1237927 344049	2	Chirp (MHz) 8 8 8 8 8 8 8	PW (us) 80 90 75 90 65 50 65 65 85	Pulse 1 Pri(us) 1141 1736 1581 1689 1081 1078 1098 1462 1687 1152	Pulse 2 Pri (us) 0 1104 0 1839 1034 1732 1193 1851 0	Pulse 3 Pri(us) 0 0 0 0 0 0 1599 1210 0	(us) 164156 1047100 2761543 3417453 4504473 5259273 5711718 7198023 7748442 8988056	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462 6461539 7384616 8307693	Interval (us) 923076 1846153 2769230 3692307 4615384 5538461 6461538 7384615 8307692 9230769



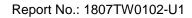


				Type	5 Radar W	/aveform	_5			
m of Bur:	sts = 12 rval (us)= 1000	0000								
rst	Off Time	#	Chirp	P₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 362438	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us)
	841966	1	5	90	1337	0	0	362438	0	999999
	1010896	3	5	55	1303	1455	1919	1205741	1000000	1999999
	1668864	3	5	100	1746	1712	1709	2221314	2000000	2999999
		2	5	65	1936	1990	0	3895345	3000000	3999999
	596932	3	5	55	1079	1478	1044	4496203	4000000	4999999
	1025946	2	5	80	1709	1173	0	5525750	5000000	5999999
	1237887	2					0		6000000	6999999
	955711		5	65	1053	1595		6766519		
	323545	2	5	55	1732	1897	0	7724878	7000000	7999999
	1131564	2	5	75	1296	1976	0	8052052	8000000	8999999
		1	5	75	1083	0	0	9186888	9000000	9999999
	1286748	2	5	95	1152	1338	0	10474719	10000000	10999999
	1085320	2	5	95	1976	1985	0	11562529	11000000	11999999
al numbe	er of pulses in	waveform = :	25				-			
						H-T-				
				Type	5 Radar W	/aveform	_6			
of Bur	sts = 17 rval (us)= 7058	382								
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(u
	263005	ruises 1	19	80	1002	0	0	263005	o o	705881
	477385	2	19	85	1422	1318	0	741392	705882	1411763
	825818	2	19	100	1817	1426	0	1569950	1411764	2117645
	775398	2	19	55	1039	1137	0	2348591	2117646	2823527
	503689	1	19	70	1984	0	0	2854456	2823528	3529409
	1119741	3	19	55	1238	1663	1442	3976181	3529410	4235291
	697059	2	19	75	1863	1873	0	4677583	4235292	4941173
	715545	2	19	100	1770	1738	0	5396864	4941174	5647055
	285061 692830	2	19	95	1661	1729	0	5685433	5647056	6352937
	920906	3	19	70	1010	1011	1592	6381653	6352938	7058819
	491429	1	19	80	1406	0	0	7306172	7058820	7764701
	1122542	3	19	75	1443	1026	1359	7799007	7764702	8470583
	860573	1	19	90	1089	0	0	8925377	8470584	9176465
	117662	2	19	100	1015	1874	0	9787039	9176466	9882347
	1149850	1 3	19 19	80 75	1172	0	0 1766	9907590	9882348 10588230	10588229
	574595	3			1303			11058612		11294111
al numbe	er of pulses ir	1 n waveform = Hotololololololololololololololololololo	19 32 ****************	90 	1278 ***********	o ⊶÷	0	11637580	11294112	11999993
				Type	5 Radar W	/aveform	7			
of Bur	sts = 16 rval (us)= 7500	200		71						
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
	89024	3	14	65	1604	1763	1994	89024	0	749999
	807463	2	14	50	1114	1597	0	901848	750000	1499999
	961626	3	14	75	1587	1596	1838	1866185	1500000	2249999
	1048011	3	14	95	1355	1261	1491	2919217	2250000	2999999
	342972 582978	2	14	85	1011	1602	0	3266296	3000000	3749999
	1103692	1	14	70	1356	0	0	3851887	3750000	4499999
	954289	3	14	100	1876	1029	1323	4956935	4500000	5249999
	300245	3	14	95	1233	1800	1798	5915452	5250000	5999999
	968495	3	14	55	1633	1609	1903	6220528	6000000	6749999
	315241	2	14	75	1984	1437	0	7194168	6750000	7499999
	1195036	1	14	85	1787	0	0	7512830	7500000	8249999
	1026542	3	14	55	1561	1733	1935	8709653	8250000	8999999
	1020042	2	14	95	1071	1676	0	9741424	9000000	9749999
	71255						1500	0045005	0850000	10499999
	71855 1266517	3	14	75	1274	1386	1782	9816026	9750000	1042222
	71855 1266517 191948	3 2	14 14	75 55	1274 1960	1386	0	11086985	10500000	11249999





				Type !	Radar W	aveform				
m of Bur rst Inte	sts = 9 rval (us)= 1333	3333								
rst	Off Time (us)	# 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
	508909	1	6	95	1804	0	0	508909	0	1333332
	1312343	2	6	65	1209	1293	0	1823056		
	1720710								1333333	2666665
	1110478	1	6	65	1264	0	0	3546268	2666666	3999998
	807168	1	6	70	1402	0	0	4658010	3999999	5333331
		2	6	90	1208	1839	0	5466580	5333332	6666664
	1344500	3	6	90	1856	1421	1153	6814127	6666665	7999997
	2211669	2	6	65	1796	1960	0	9030226	7999998	9333330
	1367073									
	414863	2	6	95	1333	1961	0	10401055	9333331	10666663
tal numh	er of pulses in	3 waweform = 17	6	50	1957	1760	1279	10819212	10666664	11999996
			 	*************	19199999999999	*				
				Type !	5 Radar W	aveform	9			
n of Bur	sts = 18			.,,,,,	Tradai Ti	410101111				
rst Inte rst	rval (us)= 6666	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 337398	Pulses 3	Chirp (MHz) 17	(us) 95	Pri (us) 1444	Pri(us) 1851	Pri(us) 1724	(us) 337398	Interval (us)	Interval (u 666666
	891246	3	17	60	1721	1069	1973	1233663	666667	1333333
	261470 745849	1	17	95	1531	0	0	1499896	1333334	2000000
	646183	3	17	90	1328	1903	1262	2247276	2000001	2666667
	743755	3	17 17	55 95	1110 1773	0	o 1382	2897952 3642817	2666668 3333335	3333334 4000001
	735932	1	17	70	1935	0	0	4382910	4000002	4666668
	362846	3	17	75	1568	1283	1315	4747691	4666669	5333335
	1207792	3	17	60	1501	1626	1175	5959649	5333336	6000002
	382099	3	17	65	1111	1133	1204	6346050	6000003	6666669
L	661118 369001	1	17	75	1452	0	0	7010616	6666670	7333336
2	1200286	2	17	95	1865	1150	0	7381069	7333337	8000003
3	316995	3	17	75	1931	1550	1456	8584370	8000004	8666670
ı	667291	3	17	100	1977	1060	1287	8906302	8666671	9333337
5	693881	1	17	55	1458	0	0	9577917	9333338	10000004
5	789624	3	17	75	1118	1845	1060	10273256	10000005	10666671
7	891127	3	17	65	1894	1934	1115	11066903	10666672	11333338
3 :al numb :	er of pulses ir	1 n waveform = 41	17 	80 *************	1116 *******	o ⊨∗	o	11962973	11333339	12000005
				Type 5	Radar Wa	aveform_	_10			
of Bur	sts = 20 rval (us)= 6000	000								
st	Off Time (us) 56565	# Pulses 2	Chirp (MHz)	PW (us) 85	Pulse 1 Pri(us) 1540	Pulse 2 Pri(us) 1624	Pulse 3 Pri(us) O	Start Loc (us) 56565	Start Burst Interval(us)	End Burst Interval(u 599999
	1113216	3	9	55	1865	1906	1357	1172945	600000	1199999
	488375 359335	1	9	95	1707	0	0	1666448	1200000	1799999
	410856	2	9	70	1876	1342	0	2027490	1800000	2399999
	903211	2	9	60 55	1002	1350	0	2441564 3347127	2400000	2999999 3599999
	266291	1	9	55 65	1287 1011	1285 0	1768 0	3547127	3000000 3600000	4199999
	993002	3	9	70	1125	1346	1617	4611771	4200000	4799999
	637587	3	9	85	1140	1746	1141	5253446	4800000	5399999
	737264 26587	1	9	55	1981	0	0	5994737	5400000	5999999
	756676	2	9	100	1291	1996	0	6023305	6000000	6599999
:	579963	3	9	95	1086	1657	1286	6783268	6600000	7199999
	833542	3	9	75	1171	1053	1958	7367260	7200000 7800000	7799999
	394095	1	9	60 90	1980 1451	0	0	8204984 8601059	7800000 8400000	8399999 8999999
	523383	2	9	100	1763	1405	0	9125893	9000000	9599999
;										
1 5 5	719124	2	9	95	1236	1223	0	9848185	9600000	10199999
5	715985	3	9	96 75	1129	1223 1481	1208	9848185 10566629	10200000	10799999
5 5										





				Type 5	Radar W	<i>l</i> aveform	_11			
of Bur	sts = 14 erval (us)= 857:	143								
rst rst	Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 227983	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us
	1450009	1	6	95	1823	0	0	227983	0	857142
	819589	3	6	65	1132	1271	1121	1679815	857143	1714285
	96625	3	6	75	1914	1228	1910	2502928	1714286	2571428
	1121243	3	6	65	1276	1705	1604	2604605	2571429	3428571
		1	6	65	1148	0	0	3730433	3428572	4285714
	1376292	3	6	85	1488	1232	1284	5107873	4285715	5142857
	259627	2	6	85	1401	1708	0	5371504	5142858	6000000
	992268	2	6	50	1419	1050	0	6366881	6000001	6857143
	890092	2	6	75	1914	1699	0	7259442	6857144	7714286
	1077912	1	6	95	1969	0	0	8340967	7714287	8571429
	520903	1				0	0	8863839		9428572
	961952		6	75	1734				8571430	
	1011648	3	6	100	1492	1217	1148	9827525	9428573	10285715
	358512	3	6	50	1262	1120	1107	10843030	10285716	11142858
al numb	er of pulses in	3 n waveform = 3	6	100	1772	1750	1312	11205031	11142859	12000001
	*********				**************	otok				
				Type 5	Radar W	aveform	_12			
	sts = 8 erval (us)= 1500	000								
st III.o.	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)
	1298536									
	FOFOGR	2	10	85	1028	1053	0	1298536	0	1499999
	525067	3	10	90	1761	1076	1016	1825684	1500000	2999999
	1838578	Ü	10	50	1101	1010	1010	1020004	1000000	2000000
		2	10	85	1050	1080	0	3668115	3000000	4499999
	1515432	2	10	95	1680	1029	0	5185677	4500000	5999999
	2156561	2	10	50	1000	1025	•	0100011	4000000	0000000
		3	10	55	1108	1083	1653	7344947	6000000	7499999
	1097322	3	10	70	1749	1379	1431	8446113	7500000	8999999
	1865746	3	10	10	1145	1315	1401	0440113	1300000	0000000
		2	10	90	1528	1062	0	10316418	9000000	10499999
	1337919	1	10	50	1448	0	0	11656927	10500000	11999999
	er of pulses in	waveform = 1	8			-	U	11000921	10900000	11999999
lolololololo ^l			*************************************		1900 00 00 00 00 00 	*				
				Type 5	5 Radar W	aveform	13			
				71			-			
of Bur	sts = 12							Start Loc	Start Burst	End Burst
of Bur st Inte	erval (us)= 1000 Off Time	#	Çhirp	₽₩	Pulse 1	Pulse 2	Pulse 3			Interval (us
of Bur	erval (us)= 1000 Off Time (us)		Chirp (MHz)	P₩ (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	(us)	Interval (us)	
of Bur	erval (us)= 1000 Off Time (us) 347870	#	Chirp (MHz) 19		Pulse 1 Pri(us) 1617	Pulse 2 Pri(us) 1893	Pulse 3 Pri(us) 1093		Interval(us)	999999
of Bur	erval (us)= 1000 Off Time (us) 347870 1276557	# Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)		
of Bur	erval (us)= 1000 Off Time (us) 347870	# Pulses 3	(MHz) 19 19	(us) 80 100	Pri(us) 1617 1230	Pri(us) 1893 0	Pri(us) 1093 0	(us) 347870 1629030	0 1000000	999999 1999999
of Bur	erval (us)= 1000 Off Time (us) 347870 1276557	# Pulses 3 1	(MHz) 19 19 19	(us) 80 100 70	Pri(us) 1617 1230 1545	Pri (us) 1893 0 1949	Pri (us) 1093 0 1155	(us) 347870 1629030 2217594	0 1000000 2000000	999999 1999999 2999999
of Bur	orval (us)= 1000 Off Time (us) 347870 1276557 587334	# Pulses 3 1 3	(MHz) 19 19 19 19	(us) 80 100 70 70	Pri(us) 1617 1230 1545 1403	Pri(us) 1893 0 1949 0	Pri(us) 1093 0 1155 0	(us) 347870 1629030 2217594 3158824	0 1000000 2000000 3000000	999999 1999999 2999999 3999999
of Bur	orval (us)= 1000 Off Time (us) 347870 1276557 587334 936581 1678233	# Pulses 3 1	(MHz) 19 19 19	(us) 80 100 70	Pri(us) 1617 1230 1545	Pri (us) 1893 0 1949	Pri (us) 1093 0 1155	(us) 347870 1629030 2217594	0 1000000 2000000	999999 1999999 2999999
of Bur	orval (us)= 1000 Off Time (us) 347870 1276557 587334 936581 1678233 975865	# Pulses 3 1 3	(MHz) 19 19 19 19	(us) 80 100 70 70	Pri(us) 1617 1230 1545 1403	Pri(us) 1893 0 1949 0	Pri(us) 1093 0 1155 0	(us) 347870 1629030 2217594 3158824	0 1000000 2000000 3000000	999999 1999999 2999999 3999999
of Bur	orval (us)= 1000 Off Time (us) 347870 1276557 587334 936581 1678233	#Pulses 3 1 3 1 3	(MHz) 19 19 19 19 19	(us) 80 100 70 70 100	Pri(us) 1617 1230 1545 1403 1706	Pri(us) 1893 0 1949 0 1122	Pri (us) 1093 0 1155 0 1416	(us) 347870 1629030 2217594 3158824 4838460	0 1000000 2000000 3000000 4000000	999999 1999999 2999999 3999999 4999999
of Bur	orval (us)= 1000 Off Time (us) 347870 1276557 587334 936581 1678233 975865	# Pulses 3 1 3 1 3 1	(MHz) 19 19 19 19 19 19 19 19	(us) 80 100 70 70 100 65	Pri(us) 1617 1230 1545 1403 1706 1313 1315	Pri(us) 1893 0 1949 0 1122 1994	Pri(us) 1093 0 1155 0 1416 1541	(us) 347870 1629030 2217594 3158824 4838460 5818569 6334237	0 1000000 2000000 3000000 4000000 5000000	999999 1999999 2999999 3999999 4999999 5999999
of Bur	orval (us)= 1000 Off Time (us) 347870 1276557 587334 936581 1678233 975865 510820	# Pulses 3 1 3 1 3 1 2	(MHz) 19 19 19 19 19 19 19 19	(us) 80 100 70 70 100 65 100 60	Pri(us) 1617 1230 1545 1403 1706 1313 1315	Pri(us) 1893 0 1949 0 1122 1994 0 1642	Pri(us) 1093 0 1155 0 1416 1541 0	(us) 347870 1629030 2217594 3158824 4838460 5818569 6334237 7028299	0 1000000 2000000 3000000 4000000 5000000 6000000	999999 1999999 299999 399999 499999 599999 699999 7999999
of Bur	orval (us)= 1000 Off Time (us) 347870 1276557 587334 936581 1678233 975865 510820 692747 1916677	# Pulses 3 1 3 1 3 1	(MHz) 19 19 19 19 19 19 19 19	(us) 80 100 70 70 100 65	Pri(us) 1617 1230 1545 1403 1706 1313 1315	Pri(us) 1893 0 1949 0 1122 1994	Pri(us) 1093 0 1155 0 1416 1541	(us) 347870 1629030 2217594 3158824 4838460 5818569 6334237	0 1000000 2000000 3000000 4000000 5000000	999999 1999999 2999999 3999999 4999999 5999999
of Bur	orval (us)= 1000 Off Time (us) 347870 1276557 587334 936581 1678233 975865 510820 692747 1916677 777374	# Pulses 3 1 3 1 3 1 2	(MHz) 19 19 19 19 19 19 19 19	(us) 80 100 70 70 100 65 100 60	Pri(us) 1617 1230 1545 1403 1706 1313 1315	Pri(us) 1893 0 1949 0 1122 1994 0 1642	Pri(us) 1093 0 1155 0 1416 1541 0	(us) 347870 1629030 2217594 3158824 4838460 5818569 6334237 7028299	0 1000000 2000000 3000000 4000000 5000000 6000000	999999 1999999 2999999 3999999 4999999 5999999 6999999
of Bur	orval (us)= 1000 Off Time (us) 347870 1276557 587334 936581 1678233 975865 510820 692747 1916677 777374	# Pulses 3 1 3 1 3 1 2 3	(MHz) 19 19 19 19 19 19 19 19 19	(us) 80 100 70 70 100 65 100 60 55	Pri(us) 1617 1230 1545 1403 1706 1313 1315 1021 1399	Pri(us) 1893 0 1949 0 1122 1994 0 1642 1552	Pri(us) 1093 0 1155 0 1416 1541 0 0 1035	(us) 347870 1629030 2217594 3158824 4838460 5818569 6334237 7028299 8947639	0 1000000 2000000 3000000 4000000 5000000 6000000 7000000 8000000	999999 1999999 2999999 3999999 4999999 5999999 6999999 8999999
of Bur	orval (us)= 1000 Off Time (us) 347870 1276557 587334 936581 1678233 975865 510820 692747 1916677 777374	# Pulses 3 1 3 1 3 1 3 2 3	(MHz) 19 19 19 19 19 19 19 19 19 19	(us) 80 100 70 70 100 65 100 60 55 85	Pri(us) 1617 1230 1545 1403 1706 1313 1315 1021 1399 1271	Pri(us) 1893 0 1949 0 1122 1994 0 1642 1552 1888	Pri(us) 1093 0 1155 0 1416 1541 0 0 1035	(us) 347870 1629030 2217594 3158824 4838460 5818569 6334237 7028299 8847639 9728999	0 1000000 2000000 3000000 4000000 5000000 6000000 7000000 8000000 9000000	999999 1999999 2999999 3999999 4999999 5999999 6999999 8999999 9999999

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				Type 5	Radar W	aveform	_14			
of Burs	sts = 8 rval (us)= 1500	0000								
rst	Off Time (us)	# 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)
	520966	2	8	80	1874	1340	0	520966	0	1499999
	1656252	1	8	70	1096	0	0	2180432	1500000	2999999
	1866156	1	8	100	1238	0	0	4047684	3000000	4499999
	1904724									
	493374	3	8	55	1737	1686	1507	5953646	4500000	5999999
	1405944	3	8	80	1277	1666	1576	6451950	6000000	7499999
	2270626	3	8	50	1748	1225	1050	7862413	7500000	8999999
		2	8	85	1265	1550	0	10137062	9000000	10499999
	735124	1	8	90	1774	0	0	10875001	10500000	11999999
	er of pulses in					-b				
- - - - - -				1-1-1-1-1-1-1-1-1-1-1-1-1-1						
				Type 5	Radar W	aveform	_15			
n of Burs	sts = 20 rval (us)= 6000	000								
rst	Off Time (us) 141650	# 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
	141650 1031936	3	17	60	1708	1786	1042	141650	0	599999
	525344	2	17 17	50 90	1051 1196	1836 0	0	1178122 1706353	600000 1200000	1199999
	290699	2	17	75	1570	1966	0	1998248	1800000	2399999
	543110 672635	2	17	60	1947	1311	0	2544894	2400000	2999999
	629104	3	17	60	1316	1421	1631	3220787	3000000	3599999
	723249	1	17	50	1295	0	0	3854259	3600000	4199999
	652540	2	17	95	1450	1846	0	4578803	4200000	4799999
,	392173	1 2	17 17	90 75	1936 1781	0	0	5234639 5628748	4800000 5400000	5399999 5999999
	788697	1	17	70	1274	0	0	6420460	6000000	6599999
2	181542	1	17	65	1621	0	0	6603276	6600000	7199999
3	688143	2	17	100	1253	1898	0	7293040	7200000	7799999
ı	714040 909102	2	17	90	1977	1258	0	8010231	7800000	8399999
5	522863	2	17	55	1930	1554	0	8922568	8400000	8999999
3	416963	1	17	90	1746	0	0	9448915	9000000	9599999
7	495045	1	17	50	1916	0	0	9867624	9600000	10199999
3	919832	3	17	50	1472	1554	1999	10364585	10200000	10799999
9	616132	2	17	60	1670	1464	0	11289442	10800000	11399999
al numbe	er of pulses in	3 waveform = :	17 37 	85	1778	1257 **	1462	11908708	11400000	11999999
				Type 5	Radar W	aveform	_16			
of Bur	sts = 15 erval (us)= 8000	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(u
	650631	2	18	80	1785	1437	0	650631	0	799999
	827426	2	18	90	1473	1128	0	1481279	800000	1599999
	376075	1	18	55	1683	0	0	1859955	1600000	2399999
	555239	1	18	50	1690	0	0	2416877	2400000	3199999
	1334861	1	18	65	1703	0	0	3753428	3200000	399999
	496080	2	18	55	1502	1623	0	4251211	4000000	4799999
	1177714	3	18	90	1149	1917	1598	5432050	4800000	5599999
	569419									
	1093962	3	18	90	1175	1226	1066	6006133	5600000	6399999
	544095	2	18	60	1852	1545	0	7103562	6400000	7199999
	967972	1	18	95	1945	0	0	7651054	7200000	7999999
)	330027	3	18	60	1702	1374	1570	8620971	8000000	8799999
		2	18	65	1207	1231	0	8955644	8800000	9599999
) L 2						4.000		10209599	0.00000	10399999
L	1251517	2	18	55	1419	1797	0	10209599	9600000	10355555
- !	1251517 786328	2 1	18 18	55 75	1419 1514	0	0	10209599	10400000	11199999
L 2 3 1	1251517	1	18 18							





				Type 5	Radar W	aveform_	_17			
ım of Bur ırst Inte	rsts = 8 erval (us)= 1500	0000								
ırst	Off Time (us) 934163	# 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)
L		1	5	95	1445	0	0	934163	0	1499999
	816652	3	5	60	1348	1985	1089	1752260	1500000	2999999
	2144862	2	5				0			
	1188211	2	5	50	1859	1852	v	3901544	3000000	4499999
	973989	2	5	70	1428	1511	0	5093466	4500000	5999999
		1	5	80	1196	0	0	6070394	6000000	7499999
	2474279	1	5	100	1086	0	0	8545869	7500000	8999999
	1513615	2	5	95	1912	1234	0	10060570	9000000	10499999
	1205232						-			
tal numb	per of pulses in	2 . waweform = 1	5 14	55	1466	1247	0	11268948	10500000	11999999
						 				
				Type 5	Radar W	aveform __	_18			
of Bur	rsts = 14 erval (us)= 8571	143								
rst	Off Time (us)	# 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
	149409	ruises 2	(MHz) 12	(us) 55	1012	1744	0 Pri(us)	(us) 149409	O Interval(us)	857142
	1475971	3	12	50	1250	1356	1743	1628136	857143	1714285
	534520	1	12	100	1392	0	0	2167005	1714286	2571428
	648516	3	12	95	1862	1953	1409	2816913	2571429	3428571
	1319618	2	12	55	1955	1628	0	4141755	3428572	4285714
	897495	3	12	50	1290	1811	1596	5042833	4285715	5142857
	880343	1	12	50	1723	0	0	5927873	5142858	6000000
	612169	1	12	85	1702	0	0	6541765	6000001	6857143
	958107 544873	3	12	80	1619	1637	1368	7501574	6857144	7714286
)	552529	1	12	90	1244	0	0	8051071	7714287	8571429
L	926040	1	12	50	1860	0	0	8604844	8571430	9428572
2	1385757	2	12	80	1843	1664	0	9532744	9428573	10285715
3	521158	1	12	65	1482	0	0	10922008	10285716	11142858
l tal numb	per of pulses in	3 1 waveform = :	12 27 **********************************	75 ***********	1787	1831 **	1435	11444648	11142859	12000001
				Type 5	Radar W	aveform	_19			
	rsts = 17 erval (us)= 7058	382								
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 (u
	325168	2	14	50	1491	1188	0	325168	0	705881
	746690 600754	2	14	85	1405	1869	0	1074537	705882	1411763
	497794	3	14	85	1332	1863	1592	1678565	1411764	2117645
	852873	1 2	14 14	100 70	1711 1616	0 1277	0	2181146 3035730	2117646 2823528	2823527 3529409
	814314	1	14	65	1046	0	0	3852937	3529410	4235291
	840419 415198	3	14	50	1399	1529	1807	4694402	4235292	4941173
	555052	1.	14	100	1387	0	0	5114335	4941174	5647055
	771324	3	14 14	85 85	1166	1072 0	1386 0	5670774 6445722	5647056 6352938	6352937 7058819
		1 2	14 14	85 75	1791 1360	0 1045	0	6445722 7450742	6352938 7058820	7058819 7764701
	1003229			95	1063	0	0	8245412	7764702	8470583
L	792265	1	14							
1 2	792265 645106		14 14	50	1835	0	0	8891581	8470584	9176465
1 2 3	792265 645106 581242	1 1 1		70	1835 1077	0	0	9474658	9176466	9882347
0 1 2 3 4 5	792265 645106	1	14							





				Type 5	Radar W	aveform	_20			
	rsts = 11 erval (us)= 109	0909								
rst	Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Ştart Loc	Start Burst	End Burst
	(us) 980912	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us
	205754	2	9	55	1291	1946	0	980912	0	1090908
	1656517	2	9	85	1673	1154	0	1189903	1090909	2181817
		3	9	95	1744	1814	1365	2849247	2181818	3272726
	488302	2	9	90	1980	1772	0	3342472	3272727	4363635
	1456891	1	9	95	1210	0	0	4803115	4363636	5454544
	1248391	2	9	55	1320	1690	0	6052716	5454545	6545453
	1521369	3	9	55	1269	1721	1700	7577095	6545454	7636362
	1014427	1	9	70	1446	0	0	8596212	7636363	8727271
	191360						•			
	1583644	3	9	100	1422	1890	1052	8789018	8727272	9818180
)	879043	1	9	75	1646	0	0	10377026	9818181	10909089
al numb	ber of pulses i	3 n waveform = 1	9 23	90	1709	1836	1548	11257715	10909090	11999998

				Type 5	Radar W	aveform	_21			
	rsts = 11 erval (us)= 1090	1000								
st inte	off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst I	and Burst
	(us) 993353	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)		Interval (us)
		1	10	50	1098	0	0	993353	0	1090908
	99287	3	10	90	1039	1552	1777	1093738	1090909	2181817
	2114859	1	10	50	1485	0	0	3212965	2181818	3272726
	190307	3	10	75	1578	1285	1282	3404757	3272727	4363635
	1003981	2	10	95	1516	1177	0	4412883	4363636	5454544
	1086745						1490			
	1702714	3	10	90	1806	1398		5502321	5454545	6545453
	593566	2	10	65	1122	1788	0	7209729	6545454	7636362
	1263205	3	10	100	1911	1441	1481	7806205	7636363	8727271
	1284092	3	10	80	1030	1931	1520	9074243	8727272	9818180
		3	10	90	1344	1563	1218	10362816	9818181	10909089
	669413	2	10	60	1809	1643	0	11036354	10909090	11999998
al numb >>>>>	per of pulses in Mondolpholphol	n waveform = 2 o oooooooooo	6 ******************			*				
				Type 5	Radar W	aveform	_22			
	rsts = 16	000								
of Bu	erval (us)= 750		GD1	PW	Pulse 1	Pulse 2	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us
st Inte	Off Time	# Pulses	Chirp (MHz)	(us)	Pri(us)	Pri(us)				749999
st Inte	Off Time (us) 408510		(MHz)	55	1191	1039	1798	408510	0	
st Inte	Off Time (us) 408510 856433	Pulses	(MHz)				1798 0	408510 1268971	0 750000	1499999
st Inte	Off Time (us) 408510	Pulses 3 2 2	(MHz) 5 5 5	55 95 50	1191 1635 1643	1039 1527 1129	0	1268971 2156477	750000 1500000	2249999
st Inte	Off Time (us) 408510 856433 884344	Pulses 3 2 2 1	(MHz) 5 5 5 5	55 95 50 50	1191 1635 1643 1540	1039 1527 1129 0	o o o	1268971 2156477 2518816	750000 1500000 2250000	2249999 2999999
st Inte	Off Time (us) 408510 856433 884344 359567	Pulses 3 2 2	(MHz) 5 5 5 5 5	55 95 50 50 70	1191 1635 1643 1540 1038	1039 1527 1129 0	o o o	1268971 2156477 2518816 3678106	750000 1500000 2250000 3000000	2249999 2999999 3749999
st Inte	Off Time (us) 408510 856433 884344 359567 1157750 86694 968678	Pulses 3 2 2 1	(MHz) 5 5 5 5	55 95 50 50	1191 1635 1643 1540	1039 1527 1129 0	o o o	1268971 2156477 2518816	750000 1500000 2250000	2249999 2999999
st Inte	Off Time (up) 408510 856433 884344 359567 1157750 86694 968678 852869	Pulses 3 2 2 1 1	(MHz) 5 5 5 6 6	55 95 50 50 70 95	1191 1635 1643 1540 1038 1745	1039 1527 1129 0 0	o o o o	1268971 2156477 2518816 3678106 3765838	750000 1500000 2250000 3000000 3750000	2249999 2999999 3749999 4499999
st Inte	Off Time (uz) 408510 856433 884344 359567 1157750 86694 968678 852869 545703	Pulses 3 2 2 1 1 2 3	(MHz) 5 5 5 5 5 5 5 5 5 5 5 5	55 95 50 50 70 95	1191 1635 1643 1540 1038 1745	1039 1527 1129 0 0 1286 1371	0 0 0 0 0 1058	1268971 2156477 2518816 3678106 3765838 4737547	750000 1500000 2250000 3000000 3750000 4500000	2249999 2999999 3749999 4499999 5249999
st Inte	Off Time (up) 408510 856433 884344 359567 1157750 86694 968678 852869	Pulses 3 2 1 1 2 3 2 1 2 3 2 1	(MH∞) 5 5 5 5 5 5 5 5 5 5 5 5 5	55 95 50 50 70 95 70 85 95	1191 1635 1643 1540 1038 1745 1115 1285 1336	1039 1527 1129 0 0 1286 1371 1559 0	0 0 0 0 0 1058 0 0	1268971 2156477 2518816 3678106 3765838 4737547 5593960 6142507 7485772	750000 1500000 2250000 3000000 3750000 4500000 5250000 6000000	2249999 2999999 3749999 4499999 5249999 5999999 6749999
st Inte	Off Time (us) 408510 856433 884344 359567 1157750 86694 968678 852869 545703 1341929	Pulses 3 2 1 1 2 3 2 1 1 2 3 2 1	(MH∞) 5 5 5 5 5 5 5 5 5 5 5 5 5	55 95 50 50 70 95 70 85 95 100 75	1191 1635 1643 1540 1038 1745 1115 1285 1336 1621	1039 1527 1129 0 0 1286 1371 1559 0 1562	0 0 0 0 0 1058 0 0	1268971 2156477 2518816 3678106 3765838 4737547 5593960 6142607 7485772 7873807	750000 1500000 2250000 3000000 3750000 4500000 6250000 6000000 67500000	2249999 2999999 3749999 4499999 5249999 5999999 6749999 7499999
st Inte	Off Time (ug) 408510 856433 884344 359567 1157750 86694 968578 852869 545703 1341929 384852	Pulses 3 2 1 1 2 3 2 1 1 2 3 2 1 2 1 2 1	(MH∞) 5 5 5 5 5 5 5 5 5 5 5 5 5	55 95 50 50 70 95 70 85 95 100 75	1191 1635 1643 1540 1038 1745 1115 1285 1336 1621 1698	1039 1527 1129 0 0 1286 1371 1559 0 1562 0	0 0 0 0 0 1058 0 0	1268971 2156477 2518816 3678106 3765838 4737547 5593960 6142607 7485772 7873807 8544828	750000 1500000 2250000 3000000 3750000 4500000 6500000 67500000 7500000 8250000	2249999 2999999 3749999 4499999 5249999 6749999 7499999 8249999
st Inte	Off Time (us) 1008510 356433 884344 359567 1157750 36694 968678 852869 545703 1341929 384852 669323 493615 1390214	Pulses 3 2 1 1 2 3 2 1 1 2 3 2 1	(MH∞) 5 5 5 5 5 5 5 5 5 5 5 5 5	55 95 50 50 70 95 70 85 95 100 75	1191 1635 1643 1540 1038 1745 1115 1285 1336 1621	1039 1527 1129 0 0 1286 1371 1559 0 1562	0 0 0 0 0 1058 0 0	1268971 2156477 2518816 3678106 3765838 4737547 5593960 6142507 7485772 7873807 8544828 9042017	750000 1500000 2250000 3000000 3750000 4500000 60000000 67500000 8250000 9000000	2249999 2999999 3749999 4499999 5249999 5999999 6749999 7499999
st Inte	Off Time (up) 408510 856433 884344 359567 1157750 86694 968678 852869 545703 1341929 384852 669323 493615	Pulses 3 2 2 1 1 2 3 2 1 2 3 2 3 2 3 3 3 3 3 3	(MHz) 5 5 5 5 5 5 5 5 5 5 5 5 5	55 95 50 50 70 95 70 85 95 100 75 50	1191 1635 1643 1540 1038 1745 1115 1285 1336 1621 1698 1638	1039 1627 1129 0 0 1286 1371 1559 0 1562 0	0 0 0 0 0 1058 0 0 0	1268971 2156477 2518816 3678106 3765838 4737547 5593960 6142607 7485772 7873807 8544828	750000 1500000 2250000 3000000 3750000 4500000 6500000 67500000 7500000 8250000	2249999 2999999 3749999 4499999 5249999 6749999 749999 8249999 8999999





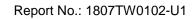
				Type 5	Radar W	aveform	_23			
	sts = 9 erval (us)= 1333	3333								
st inte	Off Time (us)	# Pulses	Chirp (MHz)	P₩ (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
	572590									
	1744659	2	12	75	1194	1314	0	572590	0	1333332
	1573991	2	12	60	1006	1691	0	2319757	1333333	2666665
	527090	2	12	70	1771	1160	0	3896445	2666666	3999998
	1156641	2	12	95	1575	1199	0	4426466	399999	5333331
		1	12	95	1646	0	0	5585881	5333332	6666664
	1964959	2	12	85	1032	1759	0	7552486	6666665	7999997
	1486494	2	12	50	1507	1589	0	9041771	7999998	9333330
	1549416	1	12	90	1163	0	0	10594283	9333331	10666663
	340775									
al numb	er of pulses in	1 n waveform = :	12 15	60	1233	0	0	10936221	10666664	11999996
icicicicicic)			10101010101010101010101010101010101010			to k				
				Type 5	Radar W	aveform	24			
of Bur	sts = 13 erval (us)= 9230	177								
st	Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 847219	Pulses 1	(MHz) 8	(us) 95	Pri (us) 1669	Pri(us) O	Pri(us)	(us) 847219	Interval (us)	Interval (us) 923076
	117077	3	8	80	1022	1005	1015	965965	923077	1846153
	1186343	3	8	50	1571	1080	1450	2155350	1846154	2769230
	1447153	2	8	55	1514	1933	0	3606604	2769231	3692307
	659419	3	8	55	1687	1597	1741	4269470	3692308	4615384
	662781	1	8	70	1829	0	0	4937276	4615385	5538461
	706871	3	8	70	1104	1067	1913	5645976	5538462	6461538
	1702112	2	8	80	1435	1864	0	7352172	6461539	7384615
	492250	1	8	85	1707	0	0	7847721	7384616	8307692
	870422 879511	2	8	65	1670	1317	0	8719850	8307693	9230769
	1133515	1	8	50	1812	0	0	9602348	9230770	10153846
	574919	1	8	70	1118	0	0	10737675	10153847	11076923
d numb	per of pulses in	1 waveform = 3	8	100	1535	0	0	11313712	11076924	12000000
				*************************************		o*				
				Type 5	Radar W	aveform	_25			
t Inte	sts = 13 erval (us)= 9230	777								
:t	Off Time (us) 847219	# 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:
	117077	1	14	95	1669	0	0	847219	0	923076
	1186343	3	14	80	1022	1005	1015	965965	923077	1846153
	1447153	3	14	50	1571	1080	1450	2155350	1846154	2769230
	659419	2	14	55	1514	1933	0	3606604	2769231	3692307
	662781	3	14	55	1687	1597	1741	4269470	3692308	4615384
	706871	1	14	70	1829	0	0	4937276	4615385	5538461
	1702112	3	14	70	1104	1067	1913	5645976	5538462	6461538
	492250	2	14	80	1435	1864	0	7352172	6461539	7384615
		1	14	85 65	1707	0	0	7847721	7384616	8307692
	870422		14	65	1670	1317	0	8719850	8307693	9230769
	870422 879511	2	4.4	EA	1010	0	^	0000010	0000000	10150010
		1	14	50	1812	0	0	9602348	9230770	10153846
	879511		14 14 14	50 70 100	1812 1118 1535	0 0 0	o o o	9602348 10737675 11313712	9230770 10153847 11076924	10153846 11076923 12000000





				Type 5	Radar W	aveform	_26			
	rsts = 8 erval (us)= 1500	0000								
ırst	Off Time (us) 237695	# 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	17	65	1793	0	0	237695	0	1499999
	2483521	3	17	65	1163	1353	1355	2723009	1500000	2999999
	1372745	2	17	70	1098	1647	0	4099625	3000000	4499999
	1632060	1	17	90	1690	0	0	5734430	4500000	5999999
	1419642					-	-			
	949031	3	17	60	1825	1348	1057	7155762	6000000	7499999
	1873389	1	17	65	1855	0	0	8109023	7500000	8999999
	1945099	2	17	95	1118	1766	0	9984267	9000000	10499999
	ber of pulses in	1	17	75	1249	0	0	11932250	10500000	11999999
				Type 5	Radar W	avoform	27			
				Type 3	Nauai VV	aveloning	_21			
	rsts = 11 erval (us)= 1090	909								
rst	Off Time (us) 292344	# 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
	292344 1612953	2	6	90	1814	1506	0	292344	0	1090908
	853917	3	6	100	1809	1154	1800	1908617	1090909	2181817
	863598	2	6	85	1498	1634	0	2767297	2181818	3272726
	1775612	2	6	80	1373	1501	0	3634027	3272727	4363635
	105998	2	6	65	1687	1237	0	5412513	4363636	5454544
	1982412	1	6	65	1488	0	0	5521435	5454545	6545453
	484812	3	6	100	1081	1721	1824	7505335	6545454	7636362
	987992	1	6	100	1614	0	0	7994773	7636363	8727271
	860852	3	6	100	1324	1942	1059	8984379	8727272	9818180
)	1777102	3	6	55	1611	1910	1986	9849556	9818181	10909089
1 tal numl	ber of pulses in	2 waveform = 2	6 24 Holokolokolokolokol	65	1766 	1491	0	11632165	10909090	11999998
	1-					1-1-				
				Type 5	Radar W	aveform	_28			
	rsts = 9 erval (us)= 1330	3333								
rst	Off Time (us) 789364	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	
	1600585	1	18	100	1684	0	0	789364	0	1333332
	1467068	2	18	95	1222	1034	0	2391633	1333333	2666665
	511684	3	18	95	1534	1094	1012	3860957	2666666	3999998
	2262728	1	18	85	1262	0	0	4376281	3999999	5333331
		2	18	80	1173	1932	0	6640271	5333332	6666664
	936932	1	18	75	1295	0	0	7580308	6666665	7999997
	767409	3	18	90	1681	1064	1172	8349012	7999998	9333330
	1810384	1	18	60	1349	0	0	10163313	9333331	10666663
	815104									
		2	18	50	1658	1215	0	10979766	10666664	11999996

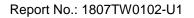
FCC ID: 2AD8UFZCWI4A1 Page Number: 44 of 106





					Radar Wa					
	sts = 9 erval (us)= 1333	333								
st	Off Time (us) 1237094	# 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(
		3	9	75	1861	1455	1277	1237094	0	1333332
	1181743	3	9	95	1421	1119	1059	2423430	1333333	2666665
	422667	3	9	85	1071	1703	1768	2849696	2666666	3999998
	2345740	1	9	85	1145	0	0	5199978	399999	5333331
	428457					-				
	1710094	1	9	90	1211	0	0	5629580	5333332	6666664
	1676466	1	9	70	1238	0	0	7340885	6666665	7999997
	703129	3	9	75	1200	1853	1084	9018589	7999998	9333330
		3	9	55	1241	1915	1163	9725855	9333331	10666663
	1277534	1	9	80	1195	0	0	11007708	10666664	11999996
							30			
al numb					Radar W		_30			
of Bur	ests = 16 erval (us)= 7500						_30			
of Bur	rsts = 16 erval (us)= 7500 Off Time (us)		Chirp (MHz)				Pulse 3	Start Loc	Start Burst Interval(us)	End Burst Interval
of Bur	rsts = 16 erval (us)= 7500 Off Time	# Pulses	Chirp (MHz) 19	Type 5	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us) 1357	(us) 254346	Interval (us)	Interval (749999
of Bur	rsts = 16 erval (us)= 7500 Off Time (us) 254346	# Pulses 3 3	Chirp (MHz) 19	Type 5	Pulse 1 Pri(us) 1657 1621	Pulse 2 Pri(us) 1273 1904	Pulse 3 Pri(us) 1357 1808	(us) 254346 1140074	Interval (us) 0 750000	Interval 749999 1499999
of Bur	rsts = 16 rval (us)= 7500 Off Time (us) 254346 881541	# Pulses 3 3	Chirp (MHz) 19 19	Type 5 PW (us) 60 85 70	Pulse 1 Pri(us) 1557 1621 1592	Pulse 2 Pri(us) 1273 1904	Pulse 3 Pri(us) 1357 1808	(us) 254346 1140074 1610067	Interval (us) 0 750000 1500000	Interval 749999 1499999 2249999
of Bur	rsts = 16 erval (us) = 7500 Off Time (us) 254346 881541 464660	# Pulses 3 3 1 3	Chirp (MHz) 19 19 19	Type 5 PW (us) 60 85 70 55	Pulse 1 Pri(us) 1557 1621 1592 1495	Pulse 2 Pri(us) 1273 1904 0	Pulse 3 Pri(us) 1357 1808 0	(us) 254346 1140074 1610067 2590784	Interval (us) 0 750000 1500000 2250000	749999 1499999 2249999 29999999
of Bur	rsts = 16 erval (us) = 7500 Off Time (us) 254346 881541 464660 979125	# Pulses 3 3 1 3 1	Chirp (MHz) 19 19 19 19	Pw (us) 60 85 70 55 85	Pulse 1 Pri(us) 1567 1621 1592 1495 1881	Pulse 2 Pri(ur) 1273 1904 0 1218	Pulse 3 Pri(us) 1357 1808 0 1806	(us) 254346 1140074 1610067 2590784 3664923	Interval (us) 0 750000 1500000 2250000 3000000	749999 1499999 2249999 2999999 3749999
of Bur	rsts = 16 erval (us) = 7500 Off Time (us) 254346 881541 464660 979125 1069620	# Pulses 3 3 1 3 1	Chirp (MHz) 19 19 19 19 19	Pw (us) 60 85 70 55 85 70	Pulse 1 Pri(us) 1557 1621 1592 1495	Pulse 2 Pri(us) 1273 1904 0 1218 0	Pulse 3 Pri(us) 1357 1808 0 1806 0	(us) 254346 1140074 1610067 2590784	Interval (us) 0 750000 1500000 2250000	749999 1499999 2249999 29999999
of Bur	rsts = 16 Prval (us) = 7500 Off Time (us) 254346 881541 464660 979125 1069620 133937 856639	# Pulses 3 3 1 3 1 2	Chirp (MHz) 19 19 19 19 19	Pw (us) 60 85 70 55 85 70 85	Pulse 1 Pri(us) 1657 1621 1692 1495 1881 1800 1431	Pulse 2 Pri(us) 1273 1904 0 1218 0 1508	Pulse 3 Pri(us) 1357 1808 0 1806 0	(us) 254346 1140074 1610067 2590784 3664923 3800741 4660688	Interval (us) 0 750000 1500000 2250000 3000000 3750000 4500000	749999 1499999 2249999 2999999 3749999 4499999 5249999
of Bur	rsts = 16 rval (us) = 7500 Off Time (us) 254346 881541 464660 979125 1069620 133937 856639 1153633	# Pulses 3 3 1 3 1	Chirp (MHz) 19 19 19 19 19	Pw (us) 60 85 70 55 85 70	Pulse 1 Pri(us) 1557 1621 1592 1495 1881 1800	Pulse 2 Pri(us) 1273 1904 0 1218 0	Pulse 3 Pri(us) 1357 1808 0 1806 0	(us) 254346 1140074 1610067 2590784 3664923 3800741	Interval (us) 0 750000 1500000 2250000 3000000 3750000	149999 1499999 2249999 2999999 3749999 4499999
of Bur	rsts = 16 Prval (us) = 7500 Off Time (us) 254346 881541 464660 979125 1069620 133937 856639	# Pulses 3 3 1 3 1 2	Chirp (MHz) 19 19 19 19 19	Pw (us) 60 85 70 55 85 70 85	Pulse 1 Pri(us) 1657 1621 1692 1495 1881 1800 1431	Pulse 2 Pri(us) 1273 1904 0 1218 0 1508	Pulse 3 Pri(us) 1357 1808 0 1806 0	(us) 254346 1140074 1610067 2590784 3664923 3800741 4660688	Interval (us) 0 750000 1500000 2250000 3000000 3750000 4500000	749999 1499999 2249999 2999999 3749999 4499999 5249999
of Bur	rsts = 16 rval (us) = 7500 Off Time (us) 254346 881541 464660 979125 1069620 133937 856639 1153633 206755 1282949	# Pulses 3 3 1 1 2 1	Chirp (MHz) 19 19 19 19 19 19	Type 5 PW (us) 60 85 70 55 85 70 85 95	Pulse 1 Pri(us) 1557 1621 1592 1495 1881 1800 1431 1588	Pulse 2 Pri(us) 1273 1904 0 1218 0 1508	Pulse 3 Pri(us) 1357 1808 0 1806 0 0	(us) 254346 1140074 1610067 2550784 3664923 3800741 4660688 5815752	Interval (us) 0 750000 1500000 2250000 3000000 3750000 4500000 5250000	749999 1499999 2249999 2999999 3749999 4499999 5249999
of Bur	rsts = 16 erval (us) = 7500 Off Time (us) 254346 881541 464660 979125 1069620 133937 866639 1153633 206755 1282949	# Pulses 3 3 1 1 2 1 1 3	Chirp (MHz) 19 19 19 19 19 19 19	Type 5 PW (us) 60 85 70 55 86 70 85 95	Pulse 1 Pri(ue) 1567 1621 1592 1495 1881 1800 1431 1588 1558	Pulse 2 Pri(us) 1273 1904 0 1218 0 1508 0	Pulse 3 Pri(us) 1357 1808 0 1806 0 0 0	(us) 254346 1140074 1610067 2550784 3664923 3800741 4660688 5815752 6024095	Interval (us) 0 750000 1500000 2250000 3000000 3750000 4500000 5250000 6000000	Thterval (749999 1499999 2249999 3749999 4499999 5249999 6749999 6749999
of Bur	rsts = 16 erval (us) = 7500 Off Time (us) = 254346 881541 464660 979125 1069620 133937 856639 1153633 206755 1282949 703582 787413	# Pulses 3 3 1 3 1 2 1 1 3 3	Chirp (MHz) 19 19 19 19 19 19 19 19	Pw (us) 60 85 70 55 85 70 85 95 95 60	Pulse 1 Pri(us) 1557 1621 1592 1495 1881 1800 1431 1588 1558	Pulse 2 Pri(us) 1273 1904 0 1218 0 1508 0 0 1845	Pulse 3 Pri(us) 1357 1808 0 1806 0 0 0	(us) 254346 1140074 1610067 2590784 3664923 3800741 4660688 5815752 6024095 7311675	Interval(us) 0 750000 1500000 2250000 3000000 3750000 4500000 5250000 6000000 6750000	Thterval (749999 1499999 2249999 2999999 37499999 5249999 5299999 67499999 7499999
of Bur	rsts = 16 Prval (us) = 7500 Off Time (us) 254346 881541 464660 979125 1069620 133937 856639 1153633 206755 1282949 703582 787413 255148	# Pulses 3 3 1 3 1 2 1 1 3 3 3	Chirp (MHz) 19 19 19 19 19 19 19 19	Pw (us) 60 85 70 55 85 70 85 95 96 75	Pulse 1 Pri(us) 1557 1621 1592 1495 1881 1800 1431 1588 1558	Pulse 2 Pri(us) 1273 1904 0 1218 0 1508 0 0 1845 1134	Pulse 3 Pri(us) 1357 1808 0 1806 0 0 0 0	(us) 254346 1140074 1610067 2590784 3664923 3800741 4660688 5815752 6024095 7311675 8019767	Interval(us) 0 750000 1500000 2250000 3000000 3750000 4500000 6000000 6750000	Interval 1 749999 1499999 29999999 37499999 4499999 5999999 67499999 7499999
of Bur	rsts = 16 rval (us) = 7500 Off Time (us) 254346 881541 464660 979125 1069620 133937 856639 1153633 206765 1282949 703682 787413 255148 781485	# Pulses 3 3 1 3 1 2 1 3 3 2	Chirp (MHz) 19 19 19 19 19 19 19 19 19	Pw (us) 60 85 70 85 95 96 60 75 70	Pulse 1 Pri(us) 1557 1621 1592 1495 1881 1800 1431 1588 1558 1900 1906	Pulse 2 Pri(uz) 1273 1904 0 1218 0 1508 0 0 1845 1134 1077	Pulse 3 Pri(us) 1357 1808 0 1806 0 0 0 0 1228 1476 1081	(us) 254346 1140074 1610067 2590784 3664923 3800741 4660688 5815752 6024095 7311675 8019767	Interval(us) 0 750000 1500000 2250000 3000000 3750000 4500000 5250000 6750000 7500000 8250000	149999 2249999 2999999 3749999 4499999 5249999 6749999 7499999 8249999
of Bur	rsts = 16 Prval (us) = 7500 Off Time (us) 254346 881541 464660 979125 1069620 133937 856639 1153633 206755 1282949 703582 787413 255148	# Pulses 3 3 1 3 1 2 1 1 3 3 3 2 3 3 3	Chirp (MHz) 19 19 19 19 19 19 19 19 19	Pw (us) 60 85 70 85 95 60 75 70 90	Pulse 1 Pri(us) 1557 1621 1592 1495 1881 1800 1431 1588 1558 1900 1906 1732	Pulse 2 Pri(us) 1273 1904 0 1218 0 1508 0 0 1845 1134 1077 1320	Pulse 3 Pri(us) 1357 1808 0 1806 0 0 0 0 0 1228 1476 1081 0	(us) 254346 1140074 1610067 2590784 3664923 3800741 4660688 5815752 6024095 7311675 8019767 8811244 9069444	Interval (us) 0 750000 1500000 2250000 3000000 3750000 4500000 5250000 6000000 67500000 8250000 9000000	Interval 749999 1499999 2249999 3749999 4499999 5249999 6749999 7499999 8999999 9749999

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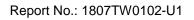




Radar Type 6 - Radar Statistical Performance

Trail #	Test Freq.	1=Detection	Trail #	Test Freq.	1=Detection
	(MHz)	0=No Detection		(MHz)	0=No Detection
1	5491	1	16	5500	1
2	5491	1	17	5500	1
3	5491	1	18	5500	1
4	5491	1	19	5500	1
5	5491	1	20	5500	1
6	5491	1	21	5509	1
7	5491	1	22	5509	1
8	5491	1	23	5509	1
9	5491	1	24	5509	1
10	5491	1	25	5509	1
11	5500	1	26	5509	1
12	5500	1	27	5509	1
13	5500	1	28	5509	1
14	5500	1	29	5509	1
15	5500	1	30	5509	1
	Det	ection Percentage	(%)		100%

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F	Radar waveform #	1	Radar waveform #2				
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)		
3	5481	9	2	5509	6		
11	5498	33	19	5500	57		
22	5521	66	21	5466	63		
24	5509	72	22	5477	66		
27	5510	81	24	5472	72		
53	5468	159	26	5496	78		
56	5488	168	28	5487	84		
66	5483	198	32	5482	96		
74	5473	222	36	5467	108		
93	5508	279	37	5474	111		
			50	5479	150		
			65	5515	195		
			66	5508	198		
			75	5462	225		
			98	5463	294		

F	Radar waveform #	3	F	Radar waveform #	4
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
0	5480	0	7	5495	21
4	5469	12	8	5473	24
19	5487	57	9	5503	27
22	5509	66	10	5481	30
29	5514	87	16	5508	48
32	5500	96	24	5470	72
33	5491	99	40	5482	120
40	5488	120	56	5497	168
50	5498	150	67	5520	201
52	5464	156	68	5498	204
55	5461	165	70	5480	210
70	5476	210	77	5509	231
82	5477	246	80	5499	240
85	5475	255	82	5478	246



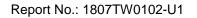
F	Radar waveform #	5	F	Radar waveform #	¹ 6
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
2	5492	6	11	5476	33
6	5518	18	19	5479	57
14	5520	42	22	5491	66
16	5494	48	41	5520	123
25	5475	75	42	5462	126
37	5499	111	44	5505	132
44	5481	132	50	5513	150
47	5497	141	56	5467	168
53	5471	159	64	5478	192
60	5491	180	66	5461	198
65	5511	195	76	5469	228
72	5490	216			
76	5505	228			
83	5479	249			
84	5461	252			
92	5488	276			
98	5476	294			

F	Radar waveform #	7	F	Radar waveform #	8
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
1	5504	3	6	5496	18
3	5499	9	10	5469	30
4	5478	12	13	5507	39
16	5489	48	21	5490	63
30	5502	90	41	5515	123
36	5514	108	50	5509	150
41	5472	123	52	5521	156
43	5474	129	59	5504	177
57	5462	171	86	5484	258
61	5518	183	97	5518	291
62	5486	186			
72	5508	216			
91	5464	273			



F	Radar waveform #	9	Radar waveform #10		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
0	5500	0	6	5464	18
4	5515	12	8	5479	24
6	5475	18	17	5504	51
10	5477	30	25	5492	75
23	5472	69	27	5478	81
25	5465	75	40	5467	120
26	5471	78	41	5503	123
28	5496	84	44	5486	132
37	5511	111	56	5518	168
39	5488	117	57	5491	171
53	5512	159	65	5499	195
66	5501	198	67	5497	201
72	5466	216	74	5513	222
89	5483	267	94	5461	282
93	5503	279			
95	5473	285			

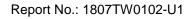
Radar waveform #11			Radar waveform #12		
Hopping	Frequency	Pulse Start (ms)	Frequency	Hopping	Pulse Start (ms)
Number	(MHz)		(MHz)	Number	
8	5480	24	0	5499	0
24	5519	72	9	5492	27
30	5483	90	13	5479	39
36	5491	108	28	5491	84
48	5479	144	35	5481	105
49	5507	147	36	5472	108
60	5488	180	46	5524	138
65	5515	195	52	5527	156
71	5518	213	70	5471	210
87	5529	261	71	5525	213
95	5503	285	74	5506	222
99	5484	297	81	5526	243
			84	5529	252
			92	5517	276





R	adar waveform #1	13	Radar waveform #14		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
14	5529	42	7	5517	21
18	5505	54	24	5497	72
26	5495	78	43	5518	129
34	5504	102	51	5482	153
40	5522	120	52	5522	156
46	5500	138	57	5474	171
48	5503	144	62	5512	186
49	5499	147	66	5487	198
50	5476	150	68	5492	204
53	5519	159	69	5508	207
63	5478	189	71	5529	213
71	5497	213	80	5490	240
88	5508	264	87	5472	261
			94	5481	282

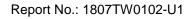
R	adar waveform #1	15	R	adar waveform #	16
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
0	5486	0	13	5513	39
7	5508	21	17	5475	51
25	5516	75	24	5493	72
26	5498	78	26	5527	78
29	5501	87	67	5472	201
47	5513	141	68	5485	204
54	5481	162	77	5479	231
55	5526	165	81	5471	243
59	5485	177	86	5473	258
60	5476	180	88	5477	264
77	5471	231	89	5529	267
91	5490	273	90	5524	270
92	5519	276	93	5490	279
95	5489	285			
98	5525	294			





R	Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)	
0	5484	0	6	5487	18	
19	5522	57	10	5505	30	
35	5476	105	16	5504	48	
37	5488	111	17	5508	51	
45	5473	135	19	5473	57	
47	5529	141	35	5513	105	
61	5480	183	43	5495	129	
81	5498	243	71	5478	213	
90	5479	270	83	5476	249	
94	5528	282	89	5481	267	
95	5494	285	91	5527	273	
99	5478	297	93	5521	279	

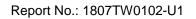
R	adar waveform #1	19	Radar waveform #20		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
10	5528	30	0	5512	0
22	5482	66	7	5495	21
26	5519	78	13	5484	39
27	5490	81	21	5493	63
31	5505	93	32	5524	96
37	5501	111	44	5470	132
39	5504	117	53	5530	159
48	5483	144	57	5477	171
50	5506	150	63	5492	189
52	5488	156	74	5483	222
73	5471	219	75	5507	225
77	5510	231	83	5523	249
82	5527	246	90	5494	270
93	5478	279	95	5517	285





R	Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)	
2	5500	6	17	5508	51	
14	5514	42	18	5500	54	
15	5515	45	20	5519	60	
19	5535	57	25	5509	75	
29	5483	87	29	5489	87	
38	5502	114	31	5495	93	
46	5536	138	37	5497	111	
52	5506	156	56	5487	168	
56	5501	168	57	5493	171	
84	5539	252	70	5502	210	
97	5523	291	79	5521	237	
98	5490	294				
99	5518	297				

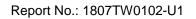
R	Radar waveform #23 Radar waveform #24			24	
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
3	5504	9	23	5506	69
24	5530	72	35	5538	105
28	5509	84	43	5489	129
30	5490	90	70	5491	210
32	5525	96	77	5502	231
44	5533	132	83	5531	249
46	5480	138	89	5484	267
51	5511	153	96	5516	288
53	5500	159			
63	5505	189			
65	5493	195			
66	5524	198			
70	5512	210			
84	5535	252			





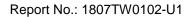
R	adar waveform #2	25	R	adar waveform #2	26
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
3	5503	9	2	5503	6
6	5480	18	11	5536	33
8	5489	24	18	5479	54
12	5499	36	36	5531	108
16	5517	48	56	5508	168
17	5536	51	64	5495	192
31	5494	93	77	5502	231
35	5510	105	84	5483	252
47	5504	141	94	5517	282
52	5505	156	97	5494	291
59	5534	177			
62	5521	186			
66	5490	198			
68	5519	204			
74	5487	222			
76	5484	228			
89	5512	267			

R	Radar waveform #27			Radar waveform #28		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)	
Number	(MHz)		Number	(MHz)		
3	5523	9	22	5505	66	
8	5488	24	26	5507	78	
25	5529	75	30	5503	90	
40	5481	120	45	5511	135	
52	5522	156	57	5519	171	
89	5514	267	70	5535	210	
92	5487	276	87	5498	261	
			88	5514	264	
			91	5515	273	
			99	5529	297	





R	adar waveform #2	29	R	adar waveform #3	30
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5505	18	5	5519	15
9	5513	27	8	5488	24
11	5515	33	15	5496	45
15	5481	45	16	5498	48
17	5529	51	34	5500	102
20	5501	60	36	5530	108
21	5512	63	41	5484	123
23	5537	69	45	5480	135
27	5497	81	51	5520	153
37	5504	111	61	5535	183
40	5498	120	64	5528	192
43	5523	129	70	5525	210
47	5491	141	82	5502	246
54	5534	162	86	5485	258
57	5528	171	88	5509	264
59	5530	177	95	5487	285
68	5494	204	97	5481	291
89	5480	267			
92	5535	276			
95	5500	285			

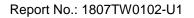




Radar Statistical Performance for 802.11n-HT40

Radar Type 1 - Radar Statistical Performance

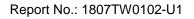
Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5492	1	778	68	1
2	5492	1	698	76	1
3	5492	1	538	99	1
4	5492	1	738	72	1
5	5500	1	518	102	1
6	5500	1	798	67	1
7	5500	1	598	89	1
8	5500	1	578	92	1
9	5508	1	618	86	1
10	5508	1	3066	18	1
11	5508	1	678	78	1
12	5508	1	718	74	1
13	5510	1	938	57	1
14	5510	1	758	70	1
15	5510	1	918	58	1
16	5510	1	2595	21	1
17	5510	1	2737	20	1
18	5510	1	2669	20	1
19	5512	1	1713	31	1
20	5512	1	1056	50	1
21	5512	1	881	60	1
22	5512	1	1599	34	1
23	5520	1	1204	44	1
24	5520	1	2067	26	1
25	5520	1	2543	21	1
26	5520	1	2236	24	1
27	5528	1	843	63	1
28	5528	1	1457	37	1
29	5528	1	2368	23	1
30	5528	1	754	70	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	5492	5.0	163	29	1
2	5492	4.5	199	28	1
3	5492	3.3	227	29	1
4	5492	4.6	158	23	1
5	5500	2.5	200	26	1
6	5500	4.4	163	25	1
7	5500	3.0	185	26	1
8	5500	1.1	184	27	1
9	5508	4.4	225	24	1
10	5508	1.7	208	28	1
11	5508	4.1	184	29	1
12	5508	4.4	152	24	1
13	5510	3.3	209	26	1
14	5510	4.5	214	29	1
15	5510	1.2	228	27	1
16	5510	1.9	168	25	1
17	5510	4.7	191	27	1
18	5510	1.3	175	27	1
19	5512	4.0	158	26	1
20	5512	4.7	164	25	1
21	5512	3.5	152	29	1
22	5512	3.0	191	25	1
23	5520	3.6	186	23	1
24	5520	2.6	168	25	1
25	5520	2.5	166	28	1
26	5520	1.3	208	26	1
27	5528	2.8	159	26	1
28	5528	4.5	222	29	1
29	5528	1.2	219	25	1
30	5528	3.1	219	27	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	5492	6.3	480	18	1
2	5492	6.0	287	18	1
3	5492	6.8	307	18	1
4	5492	7.4	386	18	1
5	5500	9.9	430	18	1
6	5500	7.8	491	18	1
7	5500	7.2	457	18	1
8	5500	7.0	385	17	1
9	5508	6.2	425	18	1
10	5508	10.0	485	18	1
11	5508	9.8	403	16	1
12	5508	8.9	341	16	1
13	5510	9.6	260	16	1
14	5510	8.4	462	17	1
15	5510	6.6	364	18	1
16	5510	7.8	279	18	1
17	5510	9.4	444	18	1
18	5510	7.5	343	16	1
19	5512	10.0	316	17	1
20	5512	9.6	370	17	1
21	5512	6.0	327	18	1
22	5512	6.5	400	18	1
23	5520	9.5	443	17	1
24	5520	7.3	286	16	1
25	5520	6.0	467	17	1
26	5520	6.4	340	16	1
27	5528	9.3	313	17	1
28	5528	8.9	388	16	1
29	5528	9.1	285	17	1
30	5528	7.4	388	17	1
	Det	ection Percentage	(%)		100%



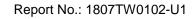
Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5492	13.1	456	12	1
2	5492	13.9	256	14	1
3	5492	16.2	474	14	1
4	5492	11.5	314	15	1
5	5500	19.7	484	15	1
6	5500	19.7	387	13	1
7	5500	19.5	378	13	1
8	5500	14.8	342	15	1
9	5508	11.0	357	12	1
10	5508	17.9	342	16	1
11	5508	12.6	380	16	1
12	5508	12.3	305	15	1
13	5510	14.3	326	13	1
14	5510	18.6	296	12	1
15	5510	11.4	331	16	1
16	5510	11.4	403	12	1
17	5510	11.3	430	14	1
18	5510	19.4	264	16	1
19	5512	14.3	429	14	1
20	5512	16.1	369	16	1
21	5512	18.6	293	13	1
22	5512	18.7	481	12	1
23	5520	20.0	455	16	1
24	5520	17.3	320	15	1
25	5520	15.8	434	14	1
26	5520	14.1	342	15	1
27	5528	12.3	280	14	1
28	5528	11.9	396	16	1
29	5528	13.3	433	15	1
30	5528	17.1	479	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	5496.8	1	16	5510.0	1
2	5499.2	1	17	5510.0	1
3	5496.0	1	18	5510.0	1
4	5497.6	1	19	5510.0	1
5	5495.2	1	20	5510.0	1
6	5494.4	1	21	5524.4	1
7	5495.6	1	22	5526.0	1
8	5494.0	1	23	5522.4	1
9	5499.6	1	24	5523.2	1
10	5498.8	1	25	5520.4	1
11	5510.0	1	26	5521.2	1
12	5510.0	1	27	5525.6	1
13	5510.0	1	28	5520.8	1
14	5510.0	1	29	5524.8	1
15	5510.0	1	30	5524.0	1
	Det	ection Percentage	(%)		100%

Type 5 Radar Waveform_1											
um of Burst urst Interv	ts = 12 ral (us)= 1000	000									
urst	Off Time (us) 652720	# 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	727318	2	12	60	1830	1251	0	652720	0	999999	
2		3	12	60	1304	1743	1812	1383119	1000000	1999999	
3	673501 948964	2	12	75	1122	1442	0	2061479	2000000	2999999	
4	993183	1	12	75	1315	0	0	3013007	3000000	399999	
5		3	12	85	1910	1300	1143	4007505	4000000	4999999	
6	1735826	3	12	70	1808	1006	1136	5747684	5000000	5999999	
7	1060391	1	12	85	1706	0	0	6812025	6000000	6999999	
8	327624 1468215	3	12	65	1973	1718	1129	7141355	7000000	7999999	
9		3	12	85	1747	1560	1673	8614390	8000000	8999999	
10	942969 1039135	1	12	80	1890	0	0	9562339	9000000	9999999	
11	1002133	1	12	100	1795	0	0	10603364	10000000	10999999	
	of pulses in			60	1873	1398	1448	11606529	11000000	11999999	

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				Type !	5 Radar W	aveform	_2			
of Burs	sts = 15									
st Inter	rval (us)= 8000 Off Time	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
st	(us) 615014	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (
		1	18	75	1481	0	0	615014	0	799999
	456195	3	18	50	1401	1078	1294	1072690	800000	1599999
	1035349	3	18	50	1540	1732	1442	2111812	1600000	2399999
	714005	2	18	85	1278	1035	0	2830531	2400000	3199999
	626394									
	738366	2	18	95	1848	1279	0	3459238	3200000	3999999
	619712	2	18	50	1887	1796	0	4200731	4000000	4799999
	1478042	1	18	90	1754	0	0	4824126	4800000	5599999
		2	18	65	1790	1012	0	6303922	5600000	6399999
	748818	2	18	90	1866	1221	0	7055542	6400000	7199999
	205254	1	18	90	1041	0	0	7263883	7200000	7999999
	1375270	3	18	85	1355	1758	1011	8640194	8000000	8799999
	644822									
	986249	3	18	55	1527	1531	1644	9289140	8800000	9599999
	309493	3	18	95	1992	1816	1811	10280091	9600000	10399999
		1	18	80	1291	0	0	10595203	10400000	11199999
	860925	3	18	55	1488	1312	1113	11457419	11200000	11999999
l numbe	er of pulses in	.waveform = : >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	32 	*****		* =*:				
				Type :	5 Radar W	aveform	3			
of Burs	sts = 20 rval (us)= 6000			-71			<u> </u>			
t inter		#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	Off Time (us) 447075	Pulses	(MHz)	(us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Interval (us)	Interval (
	342118	2	10	65	1107	1569	0	447075	0	599999
	857052	3	10	95	1241	1922	1805	791869	600000	1199999
	311955	2	10	100	1004	1587	0	1653889	1200000	1799999
	608133	1	10	50	1420	0	0	1968435 2577988	1800000	2399999
	512085	3	10	60 80	1384 1054	1826 1027	1223 1287	2577988 3094506	2400000 3000000	3599999
	799005	1	10	50	1329	0	0	3896879	3600000	4199999
	873027	2	10	50	1498	1208	0	4771235	4200000	4799999
	417829	1	10	95	1622	0	0	5191770	4800000	5399999
	328433	1	10	50	1848	0	0	5521825	5400000	5999999
	1044471	2	10	85	1941	1045	0	6568144	6000000	6599999
	161547	3	10	55	1822	1371	1949	6732677	6600000	7199999
	742799	1	10	60	1200	0	٥	7480618	7200000	7799999
	704863	1	10	50	1423	0	0	8186681	7800000	8399999
	606423	2	10	95	1390	1514	0	8794527	8400000	8999999
	378534	2	10	75	1001	1553	0	9175965	9000000	9599999
	537213	1	10	90	1682	0	0	9715732	9600000	10199999
	949336	з	10	50	1739	1432	1951	10666750	10200000	10799999
	384859	2	10	90	1968	1269	0	11056731	10800000	11399999
	862004	3	10	90	1193	1579	1913	11921972	11400000	11999999
1 numbe	er or pulses in	waveform = :		*********		+-+:				
				Type !	5 Radar W	aveform	_4			
of Burs	sts = 16 rval (us)= 7500	00								
t	Off Time	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 384323	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (u
	379078	1	14	55	1026	0	0	384323	0	749999
	1458923	3	14	100	1291	2000	1008	764427	750000	1499999
	610419	2	14	100	1410	1212	0	2227649	1500000	2249999
		2	14	80	1773	1512	0	2840690	2250000	2999999
	542744	1	14	95	1464	0	0	3386719	3000000	3749999
	682516	2	14	55	1565	1435	0	4070699	3750000	4499999
	522176	1	14	95	1883	0	0	4595875	4500000	5249999
	990465									
	637383	3	14	60	1633	1613	1319	5588223	5250000	5999999
	672803	3	14	50	1918	1856	1864	6230171	6000000	6749999
		3	14	75	1510	1012	1405	6908612	6750000	7499999
		3	14	70	1634	1459	1673	7797190	7500000	8249999
	884651		14	75	1854	1850	1657	8281089	8250000	8999999
	479133	3								0540000
	479133 1247086			100	1875	1614	1451			
	479133	3	14	100 75	1875 1994	1614 1792	1451	9533536 10213420	9000000	9749999 1049999
	479133 1247086	3 3	14 14	75	1994	1792	1125	10213420	9750000	10499999
	479133 1247086 674944	3	14							



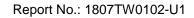


				Type 5	Radar W	aveform	_5			
ım of Burs	sts = 15 rval (us)= 8000	000								
nst meet nst	Off Time	#	Chirp (MHz)	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 237369	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (u
	756701	1	8	85	1317	0	0	237369	0	799999
		2	8	55	1915	1891	0	995387	800000	1599999
	661558	1	8	80	1008	o	0	1660751	1600000	2399999
	1192895	1	8	65	1525	0	0	2854654	2400000	3199999
	645179	3	8	60	1107	1704	1632	3501358	3200000	3999999
	843217									
	656924	2	8	85	1474	1529	0	4349018	4000000	4799999
	1052398	3	8	80	1973	1187	1374	5008945	4800000	5599999
		2	8	85	1043	1181	0	6065877	5600000	6399999
	857779	2	8	100	1039	1155	0	6925880	6400000	7199999
)	1060162	3	8	75	1416	1997	1090	7988236	7200000	7999999
	510943	3	8	65	1622	1407	1837	8503682	8000000	8799999
	702106									
2	927397	3	8	100	1056	1972	1853	9210654	8800000	9599999
3	607095	1	8	75	1314	0	0	10142932	9600000	10399999
1	832375	3	8	65	1902	1492	1877	10751341	10400000	11199999
i		1	8	55	1394	0	0	11588987	11200000	11999999
al numbe	er of pulses in	waveform = 3	31 	*********		**				
				Type 5	5 Radar W	aveform	6			
of_Burs				71						
st Inter	val (us)= 6315 Off Time	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 113246	# Pulses	Chirp (MHz)	(us)	Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	(us)	Interval (us)	Interval (
	904735	1	6	85	1698	0	0	113246	0	631578
	520222	3	6	55	1287	1672	1828	1019679	631579	1263157
	351763	3	6	50	1757	1137	1377	1544688	1263158	1894736
	910682	1	6	65	1138	0	0	1900722	1894737	2526315
	491788	2	6	95	1523	1099	0	2812542	2526316	3157894
	556641	1	6	70	1955	0	0	3306952	3157895	3789473
	668204	1	6	95	1607	0	0	3865548	3789474	4421052
	845300	2	6	50	1914	1391	0	4535359	4421053	5052631
	845500 426520	1	6	50	1052	0	0	5383964	5052632	5684210
	426520 618814	2	6	95	1890	1602	0	5811536	5684211	6315789
	537703	3	6	75	1661	1288	1017	6433842	6315790	6947368
	751939	1	6	50	1030	0	0	6975511	6947369	7578947
	1081525	3	6	95	1042	1629	1289	7728480	7578948	8210526
	1081525 341431	1	6	50	1166	0	0	8813965	8210527	8842105
		3	6	90	1163	1239	1288	9156562	8842106	9473684
	880416	1	6	65	1335	0	0	10040668	9473685	10105263
	611644	2	6	75	1467	1979	0	10653647	10105264	10736842
	368469	1	6	70	1224	0	0	11025562	10736843	11368421
	894016 er of pulses in	1	6	70	1248	٥	0	11920802	11368422	12000000
*******	69693636363636									
				Type 5	Radar W	aveform	_7			
	val (us)= 6315									
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(u
	381687	1	9	75	1372	0	0	381687	0	631578
	388141	3	9	55	1143	1393	1917	771200	631579	1263157
	1018477	2	9	50	1844	1032	0	1794130	1263158	1894736
	383604	3	9	95	1437	1777	1417	2180610	1894737	2526315
	828505	2	9	95	1537	1202	0	3013746	2526316	3157894
	617133	1	9	90	1209	0	0	3633618	3157895	3789473
	235488	1	9	65	1303	0	0	3870315	3789474	4421052
	831743	2	9	90	1887	1232	0	4703361	4421053	5052631
	405555		9	90	1924	1278	1714	5111801	5052632	5684210
	405321	3		95	1177	0	0	6033682	5684211	6315789
	916965	3 1	9	50						
	916965 762079		9	60	1878	1463	0	6796938	6315790	6947368
	916965 762079 607284	1			1878 1343	1463 1004	0 1205	6796938 7407563	6315790 6947369	7578947
	916965 762079 607284 247121	1 2	9	60						
	916965 762079 607284 247121 583202	1 2 3	9	60 50	1343	1004	1205	7407563	6947369	7578947
	916965 762079 607284 247121 583202 935913	1 2 3 3	9 9	60 50 55	1343 1350	1004 1247	1205 1744	7407563 7658236	6947369 7578948	7578947 8210526
	916965 762079 607284 247121 583202 935913 609260	1 2 3 3	9 9	60 50 55 60	1343 1350 1753	1004 1247 0	1205 1744 0	7407563 7658236 8245779	6947369 7578948 8210527	7578947 8210526 8842105
	916965 762079 607284 247121 583202 935913 609260 355964	1 2 3 3 1 2	9 9	60 50 55 60 85	1343 1350 1753 1877	1004 1247 0 1783	1205 1744 0 0	7407563 7658236 8245779 9183445	6947369 7578948 8210527 8842106	7578947 8210526 8842105 9473684
	916965 762079 607284 247121 583202 935913 609260	1 2 3 3 1 2	9 9 9	60 50 55 60 85 50	1343 1350 1753 1877 1765	1004 1247 0 1783	1205 1744 0 0	7407563 7658236 8245779 9183445 9796365	6947369 7578948 8210527 8842106 9473685	7578947 8210526 8842105 9473684 10105263





				Type 5	Radar W	aveform	_8			
m of Burs	ets = 19 eval (us)= 6315	20								
rst inter rst	Off Time	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
150	(us) 595333	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (u
	170110	3	5	60	1136	1582	1845	595333	0	631578
	1018781	3	5	100	1514	1674	1964	770006	631579	1263157
	364254	3	5	50	1575	1346	1695	1793939	1263158	1894736
	570283	1	5	90	1964	0	0	2162809	1894737	2526315
	994830	1	5	80	1396	0	0	2735056	2526316	3157894
	233957	1	5	85	1302	0	0	3731282	3157895	3789473
	555404	3	5	85	1045	1861	1246	3966541	3789474	4421052
	924507	2	5	100	1068	1683	0	4526097	4421053	5052631
	787481	1	5	75	1732	0	0	5453355	5052632	5684210
	352768	3	5	80	1242	1067	1856	6242568	5684211	6315789
L	640360	1	5	100	1859	0	0	6599501	6315790	6947368
2	788931	2	5 5	60	1904	1431	0	7241720	6947369	7578947
	729596	3	5	70 60	1484 1489	1787 1974	1992 0	8033986 8768845	7578948 8210527	8210526 8842105
1 5	348908	2	5	70	1154	1279	0	9121216	8842106	9473684
5	763052	1	5	75	1624	0	0	9886701	9473685	10105263
7	330727	1	5	70	1543	0	0	10219052	10105264	10736842
' 3	759297	2	5	70	1100	1202	0	10979892	10736843	11368421
	781801		5	65	1635	0	0	11763995	11368422	12000000
al numbe	er of pulses in	waveform = 3	6 ************************************			+o+:	Ť	22.00000	22000 100	2000000
				Type 5	Radar W	avetorm	_9			
of Burs	ts = 11 val (us)= 1090	909								
st	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
	736152		10	EO	1100	1005	1000	706150	^	1000000
	1327569	3	19	50	1103	1335	1938	736152	0	1090908
		2	19	80	1583	1675	0	2068097	1090909	2181817
	801186	3	19	100	1881	1916	1647	2872541	2181818	3272726
	1431703		15	100	1001	1510	1041	2012041	2101010	0212120
	G1 4500	1	19	95	1367	0	0	4309688	3272727	4363635
	614530	1	19	70	1017	0	0	4925585	4363636	5454544
	1166643									
	769000	2	19	75	1345	1510	0	6093245	5454545	6545453
	763820	2	19	70	1344	1791	0	6859920	6545454	7636362
	1237137									
	1040902	3	19	80	1478	1378	1935	8100192	7636363	8727271
	1040902	2	19	50	1579	1788	0	9145885	8727272	9818180
	1744073	_								
)	496703	2	19	85	1096	1723	0	10893325	9818181	10909089
	450100	3	19	80	1765	1548	1897	11392847	10909090	11999998
	r of pulses in	waveform = 2	4							
al numbe										
al numbe										
al numbe				Type 5	Radar Wa	avetorm_	_10			
al numbe		00		Type 5	Radar Wa	avetorm_				
al numbe	off Time (us)	00 # Pulses	Chirp (MHz)	Type 5	Pulse 1	Pulse 2	Pulse 3 Pri(us)	Start Loc	Start Burst Interval(us)	End Burst Interval (us
al numbe	ets = 20 val (us) = 6000 Off Time (us) 386965	#		PW .		Pulse 2	Pulse 3			
of Burs	its = 20 val (us) = 6000 Off Time (us) 388965 266301	# Pulses	(MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	(us)	Interval (us)	Interval (us
of Burs	its = 20 val (us) = 6000 Off Time (us) 58695 266301 591490	# Pulses 2	(MHz) 17	PW (us) 85	Pulse 1 Pri(us) 1392	Pulse 2 Pri(us) 1742	Pulse 3 Pri(us)	(us) 386965	Interval (us)	Interval (u: 599999
of Burs	ots = 20 val (us) = 6000 Off Time (us) 388965 266301 591490 819685	# Pulses 2	(MHz) 17 17	PW (us) 85	Pulse 1 Pri(us) 1392 1077	Pulse 2 Pri(us) 1742 1702	Pulse 3 Pri(us) O	(us) 386965 656400	Interval (us) 0 600000	Interval (u: 599999 1199999
of Burs	ets = 20 val (us) = 6000 Off Time (us) 388965 266301 591490 319685 737802	# Pulses 2 2	(MHz) 17 17 17	PW (us) 85 90 75	Pulse 1 Pri(us) 1392 1077 1920	Pulse 2 Pri(us) 1742 1702	Pulse 3 Pri(us) O O	(us) 386965 656400 1250669	Interval (us) 0 600000 1200000	Interval (u: 599999 1199999 1799999
of Burs	tts = 20 val (us) = 6000 Off Time (us) 388965 266301 591490 819685 737802 681841	# Pulses 2 2 1	(MHz) 17 17 17 17	PW (us) 85 90 75	Pulse 1 Pri(us) 1392 1077 1920	Pulse 2 Pri(us) 1742 1702 O 1757	Pulse 3 Pri(us) O O	(us) 386965 656400 1250669 2072274	Interval (us) 0 600000 1200000 1800000	Interval (us 599999 1199999 1799999 2399999
of Burs	off Time (s) 26000 (off Time (s) 26965 (off Ti	#Pulses 2 2 1 2	(MHz) 17 17 17 17 17	PW (us) 85 90 75 65	Pulse 1 Pri(us) 1392 1077 1920 1341 1959	Pulse 2 Pri(us) 1742 1702 0 1757	Pulse 3 Pri(us) O O O	(us) 386965 656400 1250669 2072274 2819174 3496974 4059823	Interval (us) 0 600000 1200000 1800000 2400000	Interval (us 599999 1199999 1799999 2399999
al numbe	rts = 20 val (us) = 6000 Off Time (us) 368965 266301 591490 819685 737802 681841 561333 688196	#Pulses 2 2 1 2 1	(MHz) 17 17 17 17 17 17	PW (us) 85 90 75 65 95	Pulse 1 Pri(us) 1392 1077 1920 1341 1959	Pulse 2 Pri(us) 1742 1702 0 1787 0	Pulse 3 Pri(us) O O O O	(us) 386965 656400 1250669 2072274 2819174 3496974 4055823 4751716	Interval (us) 0 600000 1200000 1800000 2400000 3000000	Interval (us 599999 1199999 1799999 2399999 2999999 3599999 4199999
al numbe	tts = 20 val (us) = 6000 Off Time (us) 388965 286301 591490 819685 737802 681841 561333 688196 352958	#Pulses 2 2 1 2 1 3 1	(MHz) 17 17 17 17 17 17 17 17 17	PW (us) 85 90 75 65 95 80 90	Pulse 1 Pri(us) 1392 1077 1920 1341 1959 1516 1447 1425	Pulse 2 Pri (us) 1742 1702 0 1757 0 0 0 1158 0	Pulse 3 Pri(us) 0 0 0 0 0 0 0 0	(us) 385965 656400 1250669 2072274 2813174 3496974 4059823 4751716 5106099	Interval(us) 0 600000 1200000 1800000 2400000 3000000 4200000 4800000	Interval (uz 599999 1199999 1799999 2399999 2999999 3599999 4199999 4799999 5399999
al numbe	tts = 20 val (us) = 6000 Off Time (s) 388965 266301 591490 819685 737802 681841 561333 688196 352968	# Pulses 2 2 1 1 2 1 1 3 1	(MHz) 17 17 17 17 17 17 17 17 17 17 17	PW (us) 85 90 75 85 90 100 75 90	Pulse 1 Pri(us) 1392 1077 1920 1341 1959 1516 1447 1425 1414	Pulse 2 Pari(us) 1742 1702 0 1757 0 0 1158 0 1206	Pulse 3 Pri(us) 0 0 0 0 0 0 0 1092 0 1856	(us) 386965 656400 1250669 2072274 28191174 3496974 4058823 4751716 5106309 5979801	Interval (us) 0 600000 1200000 1800000 2400000 3000000 4200000 4800000 5400000	Interval (us 599999 1199999 1799999 2399999 2999999 4199999 4799999 53999999
al numbe	tts = 20 val (us) = 6000 Off Time (us) 388965 286301 591490 819685 737802 681841 561333 688196 352958	#Pulses 2 2 1 2 1 1 3 1 3 2 2 2	(MHz) 17 17 17 17 17 17 17 17 17 17 17 17	PW (us) 85 90 75 65 95 80 90 100 76 90 80	Pulse 1 Pri(us) 1392 1077 1920 1341 1959 1516 1447 1425 1414 1460 1891	Pulse 2 Pri(us) 1742 1702 0 1787 0 0 1158 0 1206 1795	Pulse 3 Pri(us) 0 0 0 0 0 0 1092 0 1856	(ug) 386965 656400 1250669 2072274 2813174 3496874 4059823 4751716 5106099 5979801 6550512	O 600000 1200000 1200000 1800000 2400000 3600000 4200000 4800000 5400000 6000000 6000000	1199999 1199999 1799999 2399999 2399999 3599999 4199999 4799999 5399999 65999999
al numbe	tts = 20 val (us) = 6000 Off Time (us) 586965 266301 591490 819685 737802 681841 561333 688196 352958 869226 567466	g Pulses 2 2 1 1 1 1 3 1 3 2 2 3 3	(MHz) 17 17 17 17 17 17 17 17 17 17 17 17 17	PW (us) 85 90 75 65 95 80 90 100 75 90 80 95	Pulse 1 Pri(us) 1392 1077 1920 1341 1959 1516 1447 1425 1414 1460 1831	Pulse 2 Pri(us) 1742 1702 0 1757 0 0 1158 0 1206 1795 1643	Pulse 3 Pri(us) 0 0 0 0 0 0 0 1092 0 1866 0	(up) 386965 656400 1250669 2072274 2813174 3496974 4059823 4751716 5106099 5979801 6550612 6710654	Interval (us) 0 600000 1200000 1800000 2400000 3600000 4800000 6400000 6600000	Enterval (us 59999 1199999 1799999 2399999 2999999 4199999 4199999 4799999 5399999 65999999 7199999
of Bursst Inter	rts = 20 val (us) = 6000 Off Time (us) 586965 266301 591490 819685 737802 681841 561333 688196 352968 869226 567456 166548	# Pulses 2 2 2 1 1 2 2 1 1 3 3 2 2 2 2 2 2 2 2 2	OMEs; 17 17 17 17 17 17 17 17 17 17 17 17 17	PW (us) 85 90 75 65 80 90 100 75 90 80 95 55 65	Pulse 1 Pri(us) 1392 1077 1920 1341 1959 1516 1447 1425 1414 1460 1831 1644 1095	Pulse 2 Pri(us) 1742 1702 0 1757 0 0 1158 0 1206 1795 1643 1820 1260	Pulse 3 Pri(us) 0 0 0 0 0 0 0 1092 0 1866 0 0	(us) 386965 656400 1250669 2072274 2813174 3496974 4058823 4751716 5106099 5979801 6550612 6710534 7511294	Interval (us) 0 600000 1200000 1200000 2400000 3000000 4200000 4400000 6400000 6600000 7200000	Enterval (us 59999 1199999 1799999 2399999 2399999 4199999 4199999 5399999 5399999 6599999 7199999
al numbe	tts = 20 voif Time (us) = 6000 voif Time (us) = 6000 89965 266301 591490 819685 737802 681841 661333 688196 352968 869226 567456 156548 795378	# Pulses 2 2 1 1 2 1 1 3 1 3 2 2 2 2 2 2 2 2 2 2	OMES) 17 17 17 17 17 17 17 17 17 17 17 17 17	PW (us) 85 90 76 65 80 90 100 75 90 80 95 55 100	Pulse 1 Pri(us) 1392 1077 1920 1341 1959 1516 1447 1426 1414 1460 1831 1644 1096	Pulse 2 Pri(us) 1742 1702 0 1787 0 0 1158 0 1206 1795 1643 1820 1280	Pulse 3 Pri(us) 0 0 0 0 0 0 0 1092 0 1866 0 0	(ug) 386965 656400 1250669 2072274 2813174 3496974 405823 4751716 5106309 5979801 6550512 6710534 7511294 8048180	Interval (us) 0 600000 1200000 1200000 2400000 3000000 4200000 4200000 5400000 6000000 7200000 7800000	Enterval (us 599999 1199999 1299999 2399999 3599999 4199999 4799999 6599999 6599999 7199999 7199999 8399999
of Burs	rts = 20 val (us) = 6000 Off Time (us) = 6000 S86965 266301 591490 819685 737802 681841 561333 688196 362958 869226 567456 166548 795378	# Pulses 2 2 2 1 1 1 3 1 3 2 2 2 3 2 2 2 2 2 2 2	OMES) 17 17 17 17 17 17 17 17 17 17 17 17 17	PW (us) 85 90 76 65 96 80 90 90 80 95 55 100 70	Pulse 1 Pri(us) 1392 1077 1920 1341 1959 1516 1447 1425 1414 1460 1831 1644 1095 1484	Pulse 2 Pri(us) 1742 1702 0 1757 0 0 1158 0 1206 1795 1643 1820 1260 1841	Pulse 3 Pri(us) 0 0 0 0 0 0 1092 0 1856 0 1918	(up) 386965 656400 1250669 2072274 2819174 3496974 4059823 4751716 5106099 5979801 6550512 6710534 7511294 8048180 8941163	Interval (us) 0 800000 1200000 1800000 2400000 3600000 4800000 6400000 6500000 6500000 7200000 8400000 8400000	Interval (us 509090 1190909 1790909 2390909 2390909 3509090 4190909 4709090 5509090 6509090 7190909 7190909 8309090 8309090
al numbe	rts = 20 val (us) = 6000 Off Time (us) 588965 286301 591490 819685 737802 681841 561333 688196 352968 869226 567456 156548 795378 534631	# Pulses 2 2 2 1 1 2 2 1 1 3 3 2 2 2 2 2 2 2 2 2	OMEs; 17 17 17 17 17 17 17 17 17 17 17 17 17	PW (us) 85 90 76 65 80 90 100 76 90 80 95 55 100 70 100 100 100 100 100 100 100 100	Pulse 1 Pri(us) 1392 1077 1920 1341 1959 1516 1447 1425 1414 1460 1831 1644 1095 1484	Pulse 2 Pri(us) 1742 1702 0 1757 0 0 1158 0 1206 1795 1643 1820 1260 1841 1906	Pulse 3 Pri(us) O O O O O O O O O O O O O O O O O O O	(up) 386965 656400 1250669 2072274 2813174 3496974 4058823 4751716 5106099 5979801 6550512 6710634 7511294 8048180 8941163 9067233	Interval (us) 0 600000 1200000 1200000 2400000 3000000 4200000 4400000 6400000 6500000 7200000 7200000 8400000 9000000	Interval (us 599999 1199999 1799999 2399999 2399999 4199999 4199999 5399999 5399999 7199999 7199999 8399999 8399999 8399999
al numbe	tts = 20 vol (us) = 6000 off Time us) = 88965 266301 591490 319685 737802 681841 661333 688196 869226 567456 156548 796378 534531 889658 123014	# Pulses 2 2 1 1 2 1 1 3 1 3 2 2 2 2 2 2 1 3 3	OMES) 17 17 17 17 17 17 17 17 17 17 17 17 17	PW (us) 85 90 75 65 80 90 100 75 90 80 95 55 100 70 100 90	Pulse 1 Pri(us) 1392 1077 1920 1341 1959 1516 1447 1425 1414 1460 1831 1644 1095 1484 1150 1560	Pulse 2 Pri(us) 1742 1702 0 1757 0 0 1158 0 1206 1795 1643 1820 1260 1841 1906 0	Pulse 3 Pri(us) 0 0 0 0 0 0 1092 0 1856 0 0 0 1918 0	(up) 386965 656400 1250669 2072274 2813174 3496974 4059823 4751716 5106099 5979801 6550612 6710534 7511294 8048180 8941163 9067233 9981816	Interval (us) 0 600000 1200000 1200000 2400000 3000000 4200000 4200000 6400000 65000000 7200000 7300000 8400000 8400000 8400000	Interval (us 599999 1199999 1799999 2399999 2399999 3599999 4199999 5399999 6599999 6599999 7199999 8399999 8399999 9559999
of Burs	off Time (19) = 6000 off Time (19) off Time (19) = 6000 off Time (19) off Time (19) = 6000 of	# Pulses 2 2 2 1 1 2 2 1 1 3 3 2 2 2 2 2 2 2 2 2	OMEs; 17 17 17 17 17 17 17 17 17 17 17 17 17	PW (us) 85 90 76 65 80 90 100 76 90 80 95 55 100 70 100 100 100 100 100 100 100 100	Pulse 1 Pri(us) 1392 1077 1920 1341 1959 1516 1447 1425 1414 1460 1831 1644 1095 1484	Pulse 2 Pri(us) 1742 1702 0 1757 0 0 1158 0 1206 1795 1643 1820 1260 1841 1906	Pulse 3 Pri(us) O O O O O O O O O O O O O O O O O O O	(up) 386965 656400 1250669 2072274 2813174 3496974 4058823 4751716 5106099 5979801 6550512 6710634 7511294 8048180 8941163 9067233	Interval (us) 0 600000 1200000 1200000 2400000 3000000 4200000 4400000 6400000 6500000 7200000 7200000 8400000 9000000	Interval (us 599999 1199999 1798999 2399999 2399999 4199999 4199999 5399999 5399999 7199999 7199999 8399999 8399999





				Type 5	Radar W	aveform_	_11			
um of Bu	rsts = 15 erval (us)= 8000	000								
urst	Off Time	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 26934	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (u
L	870518	3	14	80	1672	1500	1589	26934	0	799999
2	1438621	1	14	60	1802	0	0	902213	800000	1599999
3	97977	3	14	80	1537	1311	1680	2342636	1600000	2399999
		3	14	75	1787	1217	1311	2445141	2400000	3199999
	1173632	1	14	90	1707	0	0	3623088	3200000	3999999
	1093261	3	14	60	1470	1762	1646	4718056	4000000	4799999
	301176	3	14	75	1271	1954	1847	5024110	4800000	5599999
	1093424	3						6122606		
	441413		14	55	1407	1113	1471		5600000	6399999
	1344753	1	14	90	1525	0	0	6568010	6400000	7199999
)	863414	3	14	80	1012	1125	1705	7914288	7200000	7999999
1	781174	2	14	75	1770	1287	0	8781544	8000000	8799999
2		2	14	65	1189	1723	0	9565775	8800000	9599999
3	337398	3	14	90	1623	1823	1838	9906085	9600000	10399999
4	1185707	2	14	65	1317	1661	0	11097076	10400000	11199999
5	105421	3	14	90	1225	1926	1987	11205475	11200000	11999999
tal numb	ber of pulses in	n waveform = 3	36				1501	11200410	11200000	11000000
				Type 5	Radar Wa	aveform_	_12			
	rsts = 8						_			
	erval (us)= 1500	0000								
rst	Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc		End Burst
	(us)	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us
	336838	3	9	EE	1905	1270	1036	336030	0	1/00000
	1676167	J	9	55	1395	1279	1836	336838	U	1499999
	1010101	3	9	65	1693	1005	1862	2017515	1500000	2999999
	2098437	-	-							
		2	9	70	1697	1738	0	4120512	3000000	4499999
	1395121	۰		ar	1000	1000		FF10.70	4500000	F000000
	543004	2	9	65	1990	1289	0	5519068	4500000	5999999
	943004	1	9	95	1205	0	0	6065351	6000000	7499999
	1491555	-	ū	50	2000	·	· ·	0000001	2000000	. 100000
		1	9	55	1408	0	0	7558111	7500000	8999999
	1977648									
		3	9	50	1253	1169	1019	9537167	9000000	10499999
	1300464	2	9	85	1218	1031	0	10841072	10500000	11999999
	ber of pulses in	n waveform = 1	.7				Ť	10041012	1000000	11000000
						*				
				Type 5	Radar Wa	aveform_	_13			
	rsts = 19	579 #	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burs
rst Int	erval (us)= 631 Off Time	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us) Interval
st Int	Off Time (us)		10	100	1867	0	0	523710	0	631578
st Int		1					1059	1068787	631579	1263157
st Int	Off Time (us) 523710	1 3	10	70	1043	1279			1263158	1894736
st Int	Off Time (us) 523710 543210	1 3 2	10	75	1004	1341	0	1488640	100 1000	OF COOK
st Int	Off Time (us) 523710 543210 416472	1 3 2 2	10 10	75 90	1004 1740	1341 1759	0	1960730	1894737	
st Int	Off Time (us) 523710 543210 416472 469745	1 3 2 2 2	10 10 10	75 90 90	1004 1740 1093	1341 1759 1484	0	1960730 2807142	2526316	3157894
st Int	Off Time (us) 523710 543210 416472 469745 842913	1 3 2 2 2 2	10 10 10 10	75 90 90 100	1004 1740 1093 1994	1341 1759 1484 1035	o o o	1960730 2807142 3731241	2526316 3157895	3157894 3789473
st Int	Off Time (us) 823710 543210 416472 469745 842913 921522 323225 444448	1 3 2 2 2 2 2	10 10 10	75 90 90 100 100	1004 1740 1093 1994 1186	1341 1759 1484 1035 1292	0	1960730 2807142 3731241 4057495	2526316 3157895 3789474	3157894 3789473 4421052
st Int	Off Time (up) (us) (us) (us) (us) (us) (us) (us) (us	1 3 2 2 2 2	10 10 10 10	75 90 90 100	1004 1740 1093 1994 1186 1106	1341 1759 1484 1035 1292 1402	0 0 0 1512 0	1960730 2807142 3731241 4057495 4505933	2526316 3157895 3789474 4421053	3157894 3789473 4421052 5052631
rst Inte	Off Time (up) (us) 523710 543210 416472 469745 842913 921522 323225 444448 846192 875524	1 3 2 2 2 2 2 3	10 10 10 10 10	75 90 90 100 100 75	1004 1740 1093 1994 1186	1341 1759 1484 1035 1292	0 0 0 1512	1960730 2807142 3731241 4057495	2526316 3157895 3789474	3157894 3789473 4421052 5052631 5684210
rst Interst	Off Time (up) 523710 543210 416472 469745 842913 921522 323225 444448 846192 876524 414761	1 3 2 2 2 2 3 2 1	10 10 10 10 10 10	75 90 90 100 100 75 50	1004 1740 1093 1994 1186 1106 1603	1341 1759 1484 1035 1292 1402	0 0 0 1512 0	1960730 2807142 3731241 4057495 4505933 5354633	2526316 3157895 3789474 4421053 5052632	3157894 3789473 4421052 5052631 5684210 6315789
rst Interst	Off Time (up) 623710 523710 543210 416472 469745 842913 921522 323225 444448 846192 875524 414761 607808	1 3 2 2 2 2 2 3 2 1	10 10 10 10 10 10 10	75 90 90 100 100 75 50	1004 1740 1093 1994 1186 1106 1603 1064	1341 1759 1484 1035 1292 1402 0	0 0 0 1512 0 0	1960730 2807142 3731241 4057495 4505933 5354633 6231760	2526316 3157895 3789474 4421053 5052632 5684211	3157894 3789473 4421052 5052631 5684210 6315789 6947368
rst Interst	Off Time (up) (up) (up) (up) (up) (up) (up) (up)	1 3 2 2 2 2 3 3 2 1 2 2	10 10 10 10 10 10 10 10	75 90 90 100 100 75 50 75	1004 1740 1093 1994 1186 1106 1603 1064	1341 1759 1484 1035 1292 1402 0 1519	0 0 0 1512 0 0 0	1960730 2807142 3731241 4057495 4505933 5354633 6231760 6649104	2526316 3157895 3789474 4421053 5052632 5684211 6315790	3157894 3789473 4421052 5052631 5684210 6315789 6947368 7578947
est Interst	Off Time (up) 523710 523710 543210 416472 489745 842913 921522 323225 444448 846192 875524 414761 607808 327101 1157871	1 3 2 2 2 2 3 2 1 2 3 3	10 10 10 10 10 10 10 10 10 10 10 10	75 90 90 100 100 75 50 75 95	1004 1740 1093 1994 1186 1106 1603 1064 1544	1341 1759 1484 1035 1292 1402 0 1519 1169	0 0 0 1512 0 0 0 0	1960730 2807142 3731241 4057495 4505933 5354633 6231760 6649104 7259625	2526316 3157895 3789474 4421053 5052632 5684211 6315790 6947369	3157894 3789473 4421052 5052631 5684210 6315789 6947368 7578947
rst Interst D 1 2 3 4	Off Time (up) 523710 523710 543210 416472 469745 842913 921522 323225 444448 846192 875524 414761 607808 327101 1157871 225743	1 3 2 2 2 2 3 1 2 1 1	10 10 10 10 10 10 10 10 10 10 10 10 10	75 90 90 100 100 75 50 75 95	1004 1740 1093 1994 1186 1106 1603 1064 1544 1955	1341 1759 1484 1035 1292 1402 0 1519 1169 1884	0 0 1512 0 0 0 0	1960730 2807142 3731241 4067495 4605933 5354633 6231760 6649104 7259625 7691990	2526316 3157895 3789474 4421053 5052632 5684211 6315790 6947369 7578948	3157894 3789473 4421052 5052631 5684210 6315789 6947368 7578947 8210526
o 1 2 3 4 5	Off Time (up) (up) (up) (up) (up) (up) (up) (up)	1 3 2 2 2 2 3 1 2 1 1	10 10 10 10 10 10 10 10 10 10	75 90 100 100 75 50 75 95 50 50	1004 1740 1093 1994 1186 1106 1603 1064 1544 1955	1941 1769 1484 1035 1292 1402 0 1519 1169 1884 0	0 0 0 1512 0 0 0 0 1425 0	1960730 2807142 3731241 4067495 4805933 5354633 6231760 6649104 7259625 7891990 8750877	2526316 3157895 3789474 4421063 5062632 5684211 6315790 6947369 7578948 8210527	3157894 3789473 4421052 5052631 5684210 6315789 6947368 7578947 8210526 8842105
m of Burrst Interstrat O 1 2 3 4 5 6	Off Time (UP) (UP) (UP) (UP) (UP) (UP) (UP) (UP)	1 3 2 2 2 2 3 3 2 1 1 2 1 1 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	75 90 90 100 100 75 50 75 95 50 80	1004 1740 1093 1994 1186 1106 1603 1064 1544 1955 1016 1877	1341 1789 1484 1035 1292 1402 0 1519 1169 1884 0	0 0 1512 0 0 0 0 1425 0	1960730 2807142 3731241 4057495 4505933 5354633 6231760 6649104 7259625 7591990 8750877	2526316 3157895 3789474 4421053 5052632 5684211 6315790 6947369 7578948 8210527 8842106	5684210 6315789 6947368 7578947 8210526 8842105
rst Interst 1 2 3 4 5 6	Off Time (up) (up) (up) (up) (up) (up) (up) (up)	1 3 2 2 2 2 3 3 2 1 2 3 1 1 1 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	75 90 90 100 100 75 50 95 50 80 65	1004 1740 1093 1994 1186 1106 1603 1064 1544 1955 1016 1877 1405	1341 1759 1484 1035 1292 1402 0 1519 1169 1884 0 0	0 0 1512 0 0 0 0 1425 0	1960730 2807142 3731241 4057495 4505933 5354633 6231760 6649104 7259625 7591990 8750877 3978497	2526316 3157895 3789474 4421053 5052632 5684211 6315790 6947369 7578948 8210527 8842106 9473685	3157894 3789473 4421052 5052631 5684210 6315789 6947368 7578947 8210526 8842105 9473684 1010526





				Type :	5 Radar W	/aveform	1_14			
m of Bur	sts = 13 rval (us)= 9230	77								
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(
	338728									
	611179	2	12	75	1867	1024	0	338728	0	923076
	1074202	2	12	90	1016	1001	0	952798	923077	1846153
	888803	1	12	100	1373	0	0	2029017	1846154	2769230
	880408	2	12	90	1231	1794	0	2919193	2769231	3692307
		3	12	90	1163	1583	1408	3802626	3692308	4615384
	831969	1	12	70	1125	0	0	4638749	4615385	5538461
	1665245	2	12	80	1923	1999	0	6305119	5538462	6461538
	761416	2	12	70	1728	1048	0	7070457	6461539	7384615
	441698	1	12	100	1827	0	0	7514931	7384616	8307692
	1299489									
	977127	2	12	90	1954	1405	0	8816247	8307693	9230769
	939604	1	12	50	1614	0	0	9796733	9230770	10153846
	1173273	1	12	80	1393	0	0	10737951	10153847	11076923
	er of pulses in			95	1160	1035	0	11912617	11076924	12000000
*						++++				
				Type :	5 Radar W	laveform	า_15			
	rval (us)= 6666	67								
st	Off Time (us) 556560	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burs Interval (c	t End Burst s) Interval(u
	702708	1	18	75	1043	0	0	556560	0	666666
	294306	3	18	75	1811	1018	1407	1260311	666667	1333333
	562037	2	18 18	80 85	1806 1421	1214 1045	0	1558853 2123910	1333334 2000001	2000000 2666667
	903158	2	18	75	1421	1465	0	3029534	2666668	3333334
	542297	2	18	95	1606	1031	0	3574439	3333335	4000001
	501461	2	18	70	1211	1560	0	4078537	4000002	4666668
	857396 395684	1	18	85	1202	0	0	4938704	4666669	5333335
	1035022	2	18	85	1780	1988	0	5335590	5333336	6000002
	414018	1	18	50	1042	0	0	6374380	6000003	6666669
	812850	1	18	75	1057	0	0	6789440	6666670 7333337	7333336
	990016	1	18 18	55 60	1033 1478	0	0	7603347 8594396	8000004	8000003 8666670
	108228	3	18	50	1428	1318	1305	8704102	8666671	9333337
	863697	2	18	75	1544	1313	0	9571850	9333338	10000004
	512186	2	18	55	1462	1703	0	10086893	10000005	10666671
	869417	2	18	70	1375	1844	0	10959475	10666672	11333338
al numb	655988 er of pulses in	1 waveform =	18 31	90	1164 	O	0	11618682	11333339	12000005
				Type :	5 Radar W	<i>l</i> aveform	า_16			
of Burs st Inter	sts = 8 rval (us)= 15000	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)		End Burst Interval(us)
	687396	1	5	60	1782	0	0	687396	0	1499999
	1596992	3	5	75	1420	1905	1296	2286170	1500000	2999999
	794260	3	5	85	1423	1114	1819	3085051	3000000	4499999
	1641889		5	50	1759	0	0	4731296	4500000	5999999
	2270868	1								
	542865	2	5	90	1460	1543	0	7003923	6000000	7499999
	2056013	3	5	85	1746	1269	1612	7549791	7500000	8999999
		3	5	90	1837	1994	1015	9610431	9000000	10499999
	9110994									
	2119284 er of pulses in	1	5	75	1198	0	0	11734561	10500000	11999999

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				Type 5	Radar W	aveform	_17			
ım of Burs ırst Inter	sts = 20 rval (us)= 6000	100								
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	End Burst Interval(us)
	(us) 77755	3	19	85	1334	1510	1557	77755	Interval (us)	599999
	980739	3	19	80	1633	1635	1440	1062895	600000	1199999
	304789	3	19	55	1163	1483	1133	1372392	1200000	1799999
	797192	з	19	80	1118	1634	1446	2173363	1800000	2399999
	757927 474202	1	19	65	1459	0	0	2935488	2400000	2999999
	565015	3	19	90	1532	1246	1809	3411149	3000000	3599999
	444884	1	19	85	1729	0	0	3980751	3600000	4199999
	902308	3	19	75	1121	1972	1896	4427364	4200000	4799999
	72017	3	19 19	60 55	1297 1304	0 1249	0 1333	5334661 5407975	4800000 5400000	5399999 5999999
Ĺ	616870	1	19	70	1182	0	0	6028731	6000000	6599999
3	699633	3	19	90	1894	1329	1304	6729546	6600000	7199999
	874223	3	19	90	1427	1411	1071	7608296	7200000	7799999
ı	193654 886707	3	19	60	1601	1809	1432	7805859	7800000	8399999
5	341792	2	19	70	1424	1490	0	8697408	8400000	8999999
3	856402	3	19	100	1891	1841	1571	9042114	9000000	9599999
7	476322	1	19	85	1099	0	0	9903819	9600000	10199999
3	706468	1 2	19 19	70 85	1216	0	0	10381240 11088924	10200000	10799999 11399999
,	786677	1	19	85 65	1116 1437	1089	0	11088924 11877806	10800000	11399999
al numbe	er of pulses in	waveform = 4	14		*************		-			
				Type 5	Radar W	aveform	_18			
of Burs	sts = 16 rval (us)= 7500	000								
st	Off Time	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 378785	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (u
	982866	2	6	90	1157	1546	0	378785	0	749999
	141357	2	6	80	1989	1725	0	1364354	750000	1499999
	1455572	1	6	55	1019	0	0	1509425	1500000	2249999
	442050	3	6	50	1840	1410	1361	2966016	2250000	2999999
	421623	2	6	55	1756	1223	0	3412677	3000000	3749999
	1091276	2	6	50	1833	1826	0	3837279	3750000	4499999
	1091276 350649	1	6	90	1294	0	0	4932214	4500000	5249999
		1	6	70	1352	0	0	5284157	5250000	5999999
	911424	2	6	70	1864	1922	0	6196933	6000000	6749999
	757878	2	6	80	2000	1862	0	6958597	6750000	7499999
	1105486	1	6	90	1664	0	0	8067945	7500000	8249999
	277227	3	6	60	1750	1778	1845	8346836	8250000	8999999
	695126	1	6	85	1794	0	0	9047335	9000000	9749999
	1000861	2	6	65	1786	1756	0	10049990	9750000	10499999
	475651	3				1658		10529183	10500000	
	839997	-	6	55 50	1013		1310		10500000	11249999
al numbe	er of pulses in	2 n waveform = 3 Hostosososos	6 30 14444444444	50 ***********	1069 	1317 **	0	11373161	11250000	11999999
					D-1-30		40			
-4 D	-+- = 0			Type 5	Radar W	avetorm	_19			
	rval (us)= 1333									
st	Off Time (us) 163417	# Pulses	Chirp (MHz)	P₩ (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	
	1569841	2	8	90	1186	1743	0	163417	0	1333332
	1909841	3	8	50	1525	1914	1423	1736187	1333333	2666665
	1346434									
	0404400	1	8	75	1582	0	0	3087483	2666666	3999998
	2131108	3	8	85	1251	1548	1828	5220173	399999	5333331
	236609	3	ū	00	1201	1040	1020	JESOTIO	555555	5500001
		2	8	65	1136	1228	0	5461409	5333332	6666664
	2026478	1	8	100	1/100	0	0	7/00051	6666665	7000007
	699811	1	ö	100	1498	U	U	7490251	6666665	7999997
		2	8	60	1013	1373	0	8191560	7999998	9333330
	1176386	_	_							
	1176386	1	8	50	1336	0	0	9370332	9333331	10666663
		1 3	8	50 55	1336 1535	0 1569	1335	10826650	9333331	10666663





				Type 5	Radar W	aveform	_20			
ım of Bur ırst Inte	rsts = 9 erval (us)= 1333	333								
ırst	Off Time (us) 907060	# 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	17	95	1028	0	0	907060	0	1333332
	1183223	3	17	75	1221	1137	1189	2091311	1333333	2666665
	1474612	1	17	85	1257	0	0	3569470	2666666	3999998
	955053	2	17	95	1561	1052	0	4525780	3999999	5333331
	1559253									
	1298068	3	17	70	1601	1420	1203	6087646	5333332	6666664
	1775944	1	17	65	1002	0	0	7389938	6666665	7999997
	1041706	1	17	95	1306	0	0	9166884	7999998	9333330
		3	17	95	1775	1704	1377	10209896	9333331	10666663
	929447	3	17	95	1721	1302	1331	11144199	10666664	11999996
	ber of pulses in					t.				
				Type 5	Radar W	aveform	_21			
m of Bu rst Inte rst	rsts = 17 erval (us)= 7058 Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 224962	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us) Interval(
	1017732	1 2	9	75 65	1568 1886	0 1222	0	224962 1244262	0 705882	705881 1411763
	794106 458824	1	9	70	1192	0	0	2041476	1411764	2117645
	839890	3	9	100	1612	1034	1660	2501492	2117646	2823527
	446437	3	9	65 65	1252 1852	0 1244	0 1999	3345688 3793377	2823528 3529410	3529409 4235291
	1003202	1	9	90	1508	0	0	4801674	4235292	4941173
	216316 701093	1	9	100	1008	0	0	5019498	4941174	5647055
	827817	1	9	90	1876	0	0	5721599	5647056	6352937
1	736149	1	9	90 70	1736 1730	0	0	6551292 7289177	6352938 7058820	7058819 7764701
2	801304	1	9	50	1021	0	0	8092211	7764702	8470583
3	407615 870549	1	9	50	1653	0	0	8500847	8470584	9176465
1	781619	3	9	60	1230	1728	1310	9373049	9176466	9882347
5	894528	2 3	9	65 65	1985 1783	1219 1052	o 1082	10158936 11056668	9882348 10588230	10588229 11294111
7	279439	1	9	95	1222	0	0	11340024	11294112	11999993
tal numl	ber of pulses in Manadadadada	n waveform = odololololololol	27 **************		-	 				
				Type 5	Radar W	aveform	_22			
st Inte	rsts = 13 erval (us)= 9230	77	an :					a	a	
st	Off Time (us) 539168	# 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(u
	955786	1	5	100	1007	0	0	539168	0	923076
	763559	1	5	80	1969	0	0	1495961	923077	1846153
	1234268	1	5	75	1843	0	0	2261489	1846154	2769230
	213192	2	5	95	1965	1819	0	3497600	2769231	3692307
	957207	3	5	50	1662	1635	1993	3714576	3692308	4615384
	1254192	3	5	50	1176	1952	1270	4677073	4615385	5538461
	714331	2	5	95 05	1874	1722	0	5935663	5538462	6461538
	1633745	3	5 5	95 60	1644	1687 0	1092 0	6653590 8291758	6461539 7384616	7384615 8307692
0	429370	1 3	5	60 75	1661 1737	1277	1458	8291758 8722789	7384616 8307693	9230769
1	1415108	1	5	75 95	1227	0	0	10142369	9230770	10153846
2	492303	2	5	95 50	1008	1651	0	10142369	10153847	11076923
-	704851	2	5	70	1710	1701	0	11343409	11076924	12000000
3										



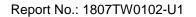


				Type 5	Radar W	aveioiiii	_23			
m of Bur	rsts = 16 erval (us)= 7500	000								
rst	Off Time	#	Chirp (MHz)	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 169812	Pulses		(us)	Pri(us)	Pri(us)	Pri(us)	(us)		Interval (us)
	1198899	2	14	55	1368	1026	0	169812	0	749999
	315039	1	14	50	1696	0	0	1371105	750000	1499999
	1235993	1	14	70	1875	0	0	1687840	1500000	2249999
	381362	1	14	100	1547	0	0	2925708	2250000	2999999
		2	14	65	1509	1355	0	3308617	3000000	3749999
	459670	3	14	100	1668	1946	1817	3771151	3750000	4499999
	934032	1	14	90	1656	0	0	4710614	4500000	5249999
	1155978	3	14	90	1439	1684	1201	5868248	5250000	5999999
	602638	2	14	65	1379	1837	0	6475210	6000000	6749999
	471700	2	14	100	1610	1698	0	6950126	6750000	7499999
	944713	1	14	90	1937	0	0	7898147	7500000	8249999
!	764504	1	14	65	1603	0	o	8664588	8250000	8999999
	702713									
3	823588	1	14	85	1863	0	0	9368904	9000000	9749999
. 5	908534	1	14	60	1242	0	0	10194355	9750000	10499999
	697786	2	14	100	1955	1111	0	11104131	10500000	11249999
al numb	er of pulses in	3 waveform = 2	14	90	1682	1907	1371	11804983	11250000	11999999
******						*				
				Type 5	Radar W	aveform	_24			
	rsts = 9 erval (us)= 1333	3333								
st	Off Time (us)	# 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)
	1102688		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	()	(,	(,		()		
		3	12	70	1801	1705	1941	1102688	0	1333332
	1096031		10	er.	1000	0		0004466	1000000	negecar
	1645236	1	12	65	1332	0	0	2204166	1333333	2666665
	1040230	3	12	75	1510	1725	1192	3850734	2666666	3999998
	865232	-				2.20				
		1	12	55	1177	0	0	4720393	3999999	5333331
	673969	2	10	90	1700	1067	0	ESOFESO	E000000	6666664
	1962040	4	12	20	1782	1967	v	5395539	5333332	6666664
		2	12	75	1979	1153	0	7361328	6666665	7999997
	779200		4.5		48	105-			B0005	
	1807874	3	12	50	1907	1995	1501	8143660	7999998	9333330
	10/10/14	2	12	80	1438	1255	0	9956937	9333331	10666663
	1238824	-								
		1	12	95	1423	0	0	11198454	10666664	11999996
ar namp	oer of pulses in				Bodor W		25			
				Type 5	Radar W	averorm	_23			
of Bur	rsts = 20									
of Bur	erval (us)= 6000 Off Time (us)	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(u
of Bur	erval (us)= 6000 Off Time (us) 95527	#	Chirp (MHz) 19			Pulse 2			Start Burst Interval(us)	End Burst Interval(u 599999
of Bur	orval (us)= 6000 Off Time (us) 95527 960574	# Pulses	(MHz)	(us)	Pri(us)	Pulse 2 Pri(us)	Pri(us)	(us)	Interval (us)	Interval (u
of Bur	orval (us)= 6000 Off Time (us) 95527 960574 460310	# Pulses 1	(MHz) 19	(us) 65	Pri (us) 1740	Pulse 2 Pri(us)	Pri (us) O	(us) 95527	Interval (us)	Interval (u 599999
of Bur	erval (us)= 6000 Off Time (us) 95527 960574 460310 309442	#Pulses 1 2 2	(MHz) 19 19 19	(us) 65 100	Pri(us) 1740 1712 1046 1686	Pulse 2 Pri(us) 0 1639 1237 1088	Pri(us) 0 0 0 0	(us) 95527 1057841 1521502 1833227	Interval (us) 0 600000 1200000 1800000	1nterval (u 599999 1199999 1799999 2399999
of Bur	Off Time (ux) 95527 960574 460310 309442 955989	#Pulses 1 2 2 2 2	(MHz) 19 19 19 19	(uz) 65 100 60 90 60	Pri(us) 1740 1712 1046 1686 1432	Pulse 2 Pri(us) 0 1639 1237 1088	Pri(us) 0 0 0 0 0	(us) 95527 1057841 1521502 1833227 2791990	Interval (us) 0 600000 1200000 1800000 2400000	1199999 1199999 1799999 2399999 2999999
of Bur	erval (us)= 6000 Off Time (us) 95527 960574 460310 309442	#Pulses 1 2 2 2 2 1	(MHz) 19 19 19 19 19	(us) 65 100 60 90 60 85	Pri (us) 1740 1712 1046 1686 1432 1251	Pulse 2 Pri(us) 0 1639 1237 1088 1932	Pri(us) 0 0 0 0 0	(uz) 95527 1057841 1521502 1833227 2791990 3047317	Interval (us) 0 600000 1200000 1800000 2400000 3000000	11467V41 (U 599999 1199999 1799999 2399999 2999999
of Bur	Off Time (us) = 6000 Off Time (us) 95527 960574 460310 309442 955989 251963	# Pulses 1 2 2 2 2 1	(MHz) 19 19 19 19 19 19	(us) 65 100 60 90 60 85 50	Pri (us) 1740 1712 1046 1686 1432 1251	Pulse 2 Pri(us) 0 1639 1237 1088 1932 0	Pri(us) 0 0 0 0 0 0 1979	(us) 95527 1057841 1521502 1833227 2791990 3047317 4037900	Interval (us) 0 600000 1200000 1800000 2400000 3000000	11161741 (u 599999 11199999 1799999 2399999 2999999 35999999 41199999
of Bur	erval (us)= 600 Off Time (us) 95527 960574 460310 309442 955989 251963 989332	# Pulses 1 2 2 2 1 3	(MHz) 19 19 19 19 19 19 19 19	(uz) 65 100 60 90 60 85 50	Pri (us) 1740 1712 1046 1686 1432 1251 1689 1952	Pulse 2 Pri(us) 0 1639 1237 1088 1932 0	Pri(us) 0 0 0 0 0 0 1979	(us) 95527 1057841 1521502 1833227 2791990 3047317 4037900 4749927	Interval (us) 0 800000 1200000 1800000 2400000 3600000 4200000	111617Val (u 599999 1199999 1799999 2999999 2999999 3599999 4199999
of Bur	erval (us)= 600 Off fire (us) 9552m 960574 460310 309442 955989 251963 989332 706440	# Pulses 1 2 2 2 2 1 1 1 1	(MHz) 19 19 19 19 19 19 19 19 19 19	(ux) 65 100 60 90 60 85 50 55	Pri(us) 1740 1712 1046 1686 1492 1251 1689 1952	Pulse 2 Pri(us) 0 1639 1237 1088 1932 0 1919	Pri (us) 0 0 0 0 0 0 1979 0	(us) 95527 1057841 1521502 1833227 2791990 3047317 4037900 4749927 5047642	0 500000 1200000 1800000 2400000 3000000 4200000 4800000	111457VA1 (U 599999 11799999 2799999 2799999 2799999 4199999 4799999 57999999
of Bur	erval (us)= 6000 Off Time (us) 985527 960574 460310 309442 965989 251963 989332 706440 295763	# Pullses 1 2 2 2 2 1 3 1 1	(MHz) 19 19 19 19 19 19 19 19 19 19 19 19	(um) 65 100 60 90 60 85 50 55 85 70	Pri(us) 1740 1712 1046 1686 1492 1251 1689 1952 1206 1822	Pulse 2 Park(us) 0 1639 1237 1088 1932 0 1919 0	Pri(us) 0 0 0 0 1979 0	(us) 98527 1057841 1521502 1833227 2791990 3047317 4037900 4749927 5047642 5602487	nterval (us) 0 800000 1200000 1800000 2400000 3800000 4200000 4800000 5400000	1199999 1199999 1799999 2399999 2999999 4199999 4199999 5399999
of Bur	erval (us)= 6000 Off Time (us) 95527 960574 460310 309442 955889 251963 989332 706440 295763 555639	# Pulses 1 2 2 2 2 1 3 1 1 2	(MHz) 19 19 19 19 19 19 19 19 19 19 19 19	(ux) 65 100 60 90 60 85 50 55 70 85	Pri(us) 1740 1712 1046 1686 1432 1251 1689 1952 1206 1822 1083	Pulse 2 Pri(us) 0 1639 1237 1088 1932 0 1919 0	Pri (us) 0 0 0 0 1979 0 0	(us) 98527 1057841 1521502 1833227 2791990 3047317 4037900 4748927 5047642 5602487	100000 1200000 1200000 1200000 1200000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 18000000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 18000000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 18000000 18000000 1800000 1800000 1800000 1800000 1800000 1800000 18000000 18000000 18000000 1800000000	Interval (u 599999 1199999 1799999 2999999 2999999 4199999 4799999 5399999 55999999
of Bur	erval (us)= 0000 Off Time(us) 95527 960574 460310 309442 955989 251963 989332 706440 295763 653639 975489 234525 667238	#Pulses 1 2 2 2 2 1 1 3 1 1 1 2 2 2 2 2 2 2 2 2	(MHz) 19 19 19 19 19 19 19 19 19 1	(uz) 65 100 60 90 60 85 50 55 85 70 85	Pri(us) 1740 1712 1046 1686 1492 1251 1689 1962 1206 1822 1083	Pulse 2 Pri(us) 0 1639 1237 1088 1932 0 1919 0 0	Pri(us) 0 0 0 0 1979 0 0	(us) 98527 1057841 1521502 1833227 2791990 3047317 4037900 4749927 5047642 5602487 6879798 6817048	1800000 1200000 1200000 2400000 3000000 3600000 4200000 4800000 5400000 66000000	1199999 1799999 2399999 2399999 2999999 4799999 4799999 5399999 5399999 7199999
of Bur	erval (uz) = 6000 Off Time (uz) 95527 960574 460310 309442 955989 281963 989332 706440 295763 565359 975489 234525 667238 608768	#Pulses 1 2 2 2 2 1 3 1 1 2	(MHz) 19 19 19 19 19 19 19 19 19 1	(uz) 65 100 60 90 60 85 50 55 85 70 85 70 80	Pri(us) 1740 1712 1046 1686 1492 1251 1689 1962 1206 1822 1083 1905	Pulse 2 Peri(us) 0 1639 1237 1088 1932 0 1919 0 0 0	Pri (us) 0 0 0 0 1979 0 0 0	(us) 98527 1057841 1521502 1833227 2791990 3047317 4037900 4749927 5047642 5602487 6579798 6817048 7387847	100000 1200000 1200000 1200000 1200000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 180000000 18000000 18000000 180000000 180000000 180000000 1800000000	1199999 1199999 1799999 2399999 2399999 3599999 4199999 4799999 5399999 5399999 5399999 7199999 7199999
of Bur	erval (uz)= 6000 Off Time (uz) 95527 960574 460310 309442 955969 251963 989392 706440 225763 563639 975489 234525 567238 608768 662862	# Pulses 1 2 2 2 2 1 1 3 1 1 1 2 2 2 2 2 2 2 2 2	(MHz) 19 19 19 19 19 19 19 19 19 1	(uz) 65 100 60 90 60 85 50 55 85 70 85	Pri(us) 1740 1712 1046 1686 1492 1251 1689 1962 1206 1822 1083	Pulse 2 Pri(us) 0 1639 1237 1088 1932 0 1919 0 0	Pri(us) 0 0 0 0 1979 0 0	(us) 98527 1057841 1521502 1833227 2791990 3047317 4037900 4749927 5047642 5602487 6879798 6817048	1200000 1200000 1200000 1800000 2400000 3600000 4200000 4800000 5400000 6600000 7200000	1199999 1799999 1799999 2399999 2399999 4199999 4799999 5399999 5399999 6399999 7199999
of Bur	erval (us)= 6000 Off Time (us) 95527 960574 460310 309442 985989 281963 989332 706440 295763 659639 975489 234525 667238 608768 662862 604835	# Pulses 1 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 2	(MHz) 19 19 19 19 19 19 19 19 19 19 19 19 19	(us) 65 100 60 90 60 85 50 55 85 70 85 70 80 50	Pri(us) 1740 1712 1046 1686 1492 1251 1689 1952 1206 1822 1083 1905 1053	Pulse 2 Pri(us) 0 1639 1237 1088 1932 0 0 1919 0 0 0 1642 1656 1920	Pri (us) 0 0 0 0 1979 0 0 11702	(us) 95527 1057841 1521502 1833227 2791990 3047317 4037900 4749927 5047642 5602487 6579798 6817048 7387847	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1199999 1799999 1799999 2399999 2399999 4199999 4799999 65399999 6539999 7799999 8399999
of Bur	erval (uz) = 6000 Off Time (uz) 95527 960574 460910 309442 955989 281963 989392 706440 295763 559639 975489 234525 567238 608768 662862 604805 506132	# Pulses 1 2 2 2 2 1 1 1 2 2 2 2 2 2 2 2 2 2 2	(MHz) 19 19 19 19 19 19 19 19 19 1	(uz) 65 100 60 90 60 85 50 55 86 70 85 70 80 90	Pri(us) 1740 1712 1046 1686 1492 1251 1689 1962 1206 1822 1068 1905 1065 1065	Pulse 2 Pri(us) 0 1639 1237 1088 1932 0 1919 0 0 0 1642 1656 1920 1915	Pri(us) 0 0 0 1979 0 0 0 1702	(uz) 98527 1057841 1521502 1833227 2791990 3047317 4037900 4749927 5047642 5602487 6579798 6817048 7387847 7999588	1800000 1200000 1200000 2400000 3000000 4800000 4800000 5400000 56000000 7200000 8400000 8400000	1199999 1199999 1795999 23990999 23990999 3539999 4199999 53990999 53990999 7199099 7199099 83990999 89909999
of Burst Inte	erval (uz)= 6000 Off Time (uz) 95527 960574 460310 309442 965989 251963 989332 706440 295763 653639 975489 234525 667238 608768 662862 604835 606132 662492	#Pulses 1 2 2 2 2 1 1 3 1 1 2 2 2 2 2 3 3 3 3 3	(MHz) 19 19 19 19 19 19 19 19 19 1	(uz) 65 100 60 90 60 85 50 55 85 70 86 70 80 50 90 65	Pri(us) 1740 1712 1046 1686 1492 1251 1689 1962 1206 1822 1083 1906 1063 1400 1277	Pulse 2 Pri(us) 0 1639 1237 1088 1932 0 1919 0 0 0 1642 1656 1920 1315 1803	Pri(us) 0 0 0 0 1979 0 0 11702 0 1789	(uz) 95527 1057841 1521502 1833227 2791990 3047317 4037900 4749927 5047642 5602487 6579798 6817048 7387847 7999588 8666867 9274782	100000 12000000 120000000 12000000 12000000 12000000 12000000 12000000 12000000 120000000 12000000 12000000 12000000 12000000 12000000 12000000 120000000 12000000 12000000 12000000 12000000 12000000 12000000 120000000 12000000 12000000 12000000 12000000 12000000 12000000 120000000 12000000 12000000 12000000 12000000 12000000 12000000 120000000 12000000 12000000 12000000 12000000 12000000 12000000 120000000 12000000 12000000 12000000 12000000 12000000 12000000 120000000 12000000 12000000 12000000 12000000 12000000 12000000 1200000000	1199999 1199999 1799999 2399999 3599999 4799999 4799999 5399999 5399999 5399999 7799999 7799999 8399999 9599999
of Bur	erval (uz) = 6000 Off Time (uz) 95527 960574 460910 309442 955989 281963 989392 706440 295763 559639 975489 234525 567238 608768 662862 604805 506132	# Pulses 1 2 2 2 2 1 1 3 1 1 2 2 2 2 2 3 2 2 3 2 2 2 2	(MHz) 19 19 19 19 19 19 19 19 19 1	(uz) 65 100 60 90 60 85 50 85 70 85 70 80 60 90 65	Pri(us) 1740 1712 1046 1686 1492 1251 1689 1962 1206 1822 1083 1906 1053 1400 1277 1529	Pulse 2 Park(us) 0 1639 1237 1088 1932 0 0 0 0 0 1642 1656 1920 1315 1803 1597	Pri (us) 0 0 0 1979 0 0 1702 0 1789	(us) 95527 1057841 1521502 1833227 2791990 3047317 4037900 4749927 5047642 5602487 6579798 6817048 7387847 7999588 8666867 9274782 9784829	100000 12000000 1200000 1200000 1200000 1200000 1200000 1200000 1200000 12000000 12000000 12000000 1200000 1200000 12000000 12000000 12000000 12000000 1200000000	1199999 1199999 1199999 1799999 2399999 2399999 4199999 4799999 6599999 7799999 8399999 8399999 101999999





				Type 5	Radar W	aveform	_26			
um of Bur	sts = 15 erval (us)= 8000	200								
ırst	Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 472143	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us)
-	467957	2	17	55	1852	1198	0	472143	0	799999
	1388850	1	17	60	1420	0	0	943150	800000	1599999
	500396	2	17	50	1177	1956	0	2333420	1600000	2399999
	915256	1	17	50	1877	0	0	2836949	2400000	3199999
		2	17	65	1297	1158	0	3754082	3200000	3999999
	924986	2	17	60	1563	1045	0	4681523	4000000	4799999
	753206	3	17	80	1486	1490	1758	5437337	4800000	5599999
	726334	1	17	50	1105	0	0	6168405	5600000	6399999
	717670	3					1362			7199999
	952873		17	100	1331	1747		6887180	6400000	
'	177728	2	17	100	1030	1633	0	7844493	7200000	7999999
	1269404	3	17	65	1142	1803	1156	8024884	8000000	8799999
:	302196	3	17	75	1953	1216	1197	9298389	8800000	9599999
3		1	17	60	1124	0	0	9604951	9600000	10399999
1	881832	3	17	70	1742	1610	1484	10487907	10400000	11199999
	1049888	2	17	90	1453	1062	0	11542631	11200000	11999999
al numb	er of pulses in	waveform = 3	31							
				Type 5	Radar W	aveform	27			
of Bur	sts = 19			Турс	rtadai 11	avelonii				
st Inte	rval (us)= 631	579 #	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 115895	Pulses	Chirp (MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	Start Loc (us)	Interval (us)	Interval (u
	1113093	1	6	70	1454	0	0	115895	0	631578
	547348	1	6	85	1438	0	0	1230442	631579	1263157
	266243	3	6	60	1725	1281	1108	1779228	1263158	1894736
	656078	1	6	55	1804	0	0	2049585	1894737	2526315
	516981	3 3	6 6	100 80	1277	1035	1358	2707467	2526316	3157894
	721285	3	6	80	1899 1331	1325 1385	1088 1150	3228118 3953715	3157895 3789474	3789473 4421052
	623452	1	6	60	1867	0	0	4581033	4421053	5052631
	799841	3	6	85	1669	1377	1910	5382741	5052632	5684210
	508886	2	6	85	1370	1848	0	5896583	5684211	6315789
	695950	1	6	65	1602	0	0	6595751	6315790	6947368
	939507	1	6	50	1153	0	0	7536860	6947369	7578947
	287135 856474	3	6	55	1318	1594	1326	7825148	7578948	8210526
	322308	2	6	65	1969	1349	0	8685860	8210527	8842105
	831453	2	6	70	1449	1856	0	9011486	8842106	9473684
3	821837	1	6	65	1680	0	0	9846244	9473685	10105263
	573919	2	6	65	1899	1045	0	10669761	10105264	10736842
:	154654	2	6	85	1112	1802	0	11246624	10736843	11368421
al numb	er of pulses in	3 n waveform = 	6 38 1444444444	80 **********	1621 ***********************************	1542 +÷	1168	11404192	11368422	12000000
				Type 5	Radar W	avoform	28			
of Bur	sts = 19			туре	itauai VV	avelonii	_20			
st Inte	rval (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 Burst Interval(us)	End Burst Interval(u
	398153	3	18	90	1343	1959	1353	398153	0	631578
	658081	3	18	50	1841	1412	1716	1060889	631579	1263157
	711382 425784	1	18	100	1652	0	0	1777240	1263158	1894736
	425784 591081	3	18	70	1919	1239	1800	2204676	1894737	2526315
	851439	2	18	85	1258	1092	0	2800715	2526316	3157894
	651960	2	18	50	1167	1816	0	3654504	3157895	3789473
	270150	1	18	60	1615	0	0	4309447	3789474	4421052
	725810	2	18	65	1241	1097	0	4581212	4421053	5052631
	525484	2	18	60	1895	1153	0	5309360	5052632	5684210
	1017368	3	18	50	1120	1096	1096	5837892	5684211	6315789
	669389	2	18	100	1466	1752	0	6858572	6315790	6947368
:	56269	1 2	18	55	1700	0	0	7531179 7589148	6947369 7578948	7578947 8210526
	836100	3	18 18	100	1500 1137	1728 1455	1291	7589148 8428476	7578948 8210527	8210526 8842105
	684654	3	18	75	1369	1599	1155	9117013	8842106	9473684
	643401	3	18	85	1308	1631	1571	9764537	9473685	10105263
;										
5	803278	2	18	70	1654	1303	0	10572325	10105264	10736842
		2	18 18	70 75	1654 1224	1303 1810	0	10572325 11015095	10105264 10736843	10736842 11368421

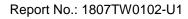


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				71	Radar W					
	rsts = 12 erval (us)= 1000	0000								
rst	Off Time (us) 347817	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(u
		3	8	70	1297	1588	1301	347817	0	999999
	1387315	3	8	75	1924	1770	1389	1739318	1000000	1999999
	420637	3	8	65	1120	1486	1380	2165038	2000000	2999999
	1224656	1	8	70	1166	0	0	3393680	3000000	3999999
	727048	3	8	90	1264	1372	1515	4121894	4000000	4999999
	1168755	3	8	85	1784	1075	1944	5294800	5000000	5999999
	713793	3	8	90	1506	1954	1724	6013396	6000000	6999999
	1735499	2	8	100	1365	1963	0	7754079	7000000	7999999
	510879	1	8	50	1506	0	0	8268286	8000000	8999999
	930080	2	8	95	1298	1374	0	9199872	9000000	9999999
)	891882									
	1597532	3	8	75	1501	1652 1934	1079 0	10094426	10000000	10999999
	ber of pulses in						20			
					Radar W		_30			
of Bu							_30			
of Bu	rsts = 13 erval (us) = 9230 Off Time (us)		Chirp (MHz)				Pulse 3 Pri (us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us
of Bu	rsts = 13 erval (us) = 9230 Off Time (us) 417801	77 #	Chirp	Type 5	Radar W	aveform_	Pulse 3			
of Bu	rsts = 13 erval (us) = 9230 Off Time (us) 417801 503966	77 # Pulses	Chirp (MHz)	Type 5	Radar W	Pulse 2 Pri(us)	Pulse 3 Pri(us)	(us)	Interval (us)	Interval (us
of Bu	rsts = 13 erval (us) = 9230 Off Time (us) 417801 503966 979322	77 # Pulses 2	Chirp (MHz)	Type 5	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	(us) 417801	Interval (us)	Interval (us 923076
of Bu	rets = 13 erval (us) = 9230 Off Time (us) 417801 503966 979322 1185851	77 # Pulses 2 2	Chirp (MHz) 10	Type 5	Pulse 1 Pri(us) 1613 1790	Pulse 2 Pri(us) 1402 1107	Pulse 3 Pri(us) O	(us) 417801 924782	Interval (us) 0 923077	Interval (us 923076 1846153
of Bu	rsts = 13 erval (us) = 9230 Off Time (us) 417801 503966 979322 1185851 826267	# Fulses 2 2 3	Chirp (MHz) 10 10	PW (us) 55 90 70	Pulse 1 Pri(us) 1613 1790 1341	Pulse 2 Pri(us) 1402 1107 1254	Pulse 3 Pri(us) O O 1535	(us) 417801 924782 1907001	Interval (us) 0 923077 1846154	Interval (us 923076 1846153 2769230
of Bu	rsts = 13 erval (us) = 9230 Off Time (us) 417801 503966 979322 1185851 826267 1133242	# Fulses 2 2 3 1	Chirp (MHz) 10 10 10	PW (us) 55 90 70 100	Pulse 1 Pri(us) 1613 1790 1341 1865	Pulse 2 Pri(us) 1402 1107 1254	Pulse 3 Pri(us) 0 0 1535	(us) 417801 924782 1907001 3096982	Interval (us) 0 923077 1846154 2769231	Interval (us 923076 1846153 2769230 3692307
of Bu	rets = 13 rets = 13 control (us) = 9230 Off Time (us) 417801 503966 979322 1185851 826267 1133242 1262202	# Fulses 2 2 3 1 1 2	Chirp (MHz) 10 10 10 10	PW (us) 55 90 70 100 85	Pulse 1 Pri(us) 1613 1790 1341 1866 1246	Pulse 2 Pri(us) 1402 1107 1254 0	Pulse 3 Pri(us) 0 0 1535 0	(us) 417801 924782 1907001 3096982 3925114	Interval (us) 0 923077 1846154 2769231 3692308	Interval (us 923076 1846153 2769230 3692307 4615384
of Bu	rets = 13 erval (us) = 9230 Off Time (us) 417801 503966 979322 1185851 826267 1133242 1262202 807902	# Fulses 2 2 3 1 1 2 3	Chirp (MHz) 10 10 10 10 10 10	PW (us) 55 90 70 100 85 50	Pulse 1 Pri(us) 1613 1790 1341 1865 1246 1153	Pulse 2 Pri(us) 1402 1107 1254 0 1235 1019	Pulse 3 Pri(us) 0 0 1535 0 0	(us) 417801 924782 1907001 3096982 3925114 5060837	Interval (us) 0 923077 1846154 2769231 3692308 4615385	Interval (us 923076 1846153 2769230 3692307 4615384 5538461
of Bu	rets = 13 erval (us) = 9230 Off Time (us) 417801 503966 979322 1185851 826267 1133242 1262202 807902 1024979	777 # Pulses 2 2 2 3 1 2 3 3 3	Chirp (MHz) 10 10 10 10 10 10	Type 5 PW (us) 55 90 70 100 85 50	Pulse 1 Pri(us) 1613 1790 1341 1865 1246 1153 1676	Pulse 2 Pri(us) 1402 1107 1254 0 1235 1019 1297	Pulse 3 Pri(us) 0 0 1535 0 0 1755	(us) 417801 924782 1907001 3096982 3925114 5060837 6326966	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462	Interval (us 923076 1846153 2769230 3692307 4615384 5538461 6461538
of Bu	rets = 13 erval (us) = 9230 Off Time (us) 417801 503966 979322 1185851 826267 1133242 1262202 807902 1024979 279189	777 # Pulses 2 2 2 3 1 2 3 3 3	Chirp (MHz) 10 10 10 10 10 10 10	PW (us) 55 90 70 100 85 50 50 90	Pulse 1 Pri(us) 1613 1790 1341 1865 1246 1153 1676 1892	Pulse 2 Pri(us) 1402 1107 1254 0 1235 1019 1297 1956	Pulse 3 Pri(us) 0 0 1535 0 0 1755 1203	(us) 417801 924782 1907001 3096982 3925114 5060837 6326966 7139044	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462 6461539	923076 1846153 2769230 3692307 4615384 5538461 6461538 7384615
of Bu	rets = 13 erval (us) = 9230 Off Time (us) 417801 503966 979322 1185851 826267 1133242 1262202 807902 1024979 279189 985992	777 # Pulses 2 2 2 3 1 2 3 3 3 3 2	Chirp (MHz) 10 10 10 10 10 10 10 10	PW (us) 55 90 70 100 85 50 90 55	Pulse 1 Pri(us) 1613 1790 1341 1865 1246 1153 1676 1892 1142	Pulse 2 Pri(us) 1402 1107 1254 0 1235 1019 1297 1956 1385	Pulse 3 Pri(us) 0 0 1535 0 0 1755 1203 1371	(us) 417801 924782 1907001 3096982 3925114 5060837 6326966 7139044 8169242	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462 6461539 7384616	923076 1846153 2769230 3692307 4615384 5538461 6461538 7384615 8307692
opposite of the second of the	rets = 13 erval (us) = 9230 Off Time (us) 417801 503966 979322 1185851 826267 1133242 1262202 807902 1024979 279189	777 # Pulses 2 2 2 3 1 2 3 3 3 3 2 1	Chirp (MHz) 10 10 10 10 10 10 10 10	PW (us) 55 90 70 100 85 50 90 55 85	Pulse 1 Pri(us) 1613 1790 1341 1865 1246 1153 1676 1892 1142 1570	Pulse 2 Pri(us) 1402 1107 1254 0 1235 1019 1297 1966 1385	Pulse 3 Pri(us) 0 0 1535 0 0 1755 1203 1371 0	(us) 417801 924782 1907001 3096982 3925114 5060837 6326966 7139044 8169242 8450958	Interval (us) 0 923077 1846154 2769231 3692308 4615385 5538462 6461539 7384616 8307693	923076 1846153 2769230 3692307 4615384 5538461 6461538 7384615 8307692 9230769

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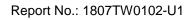




Radar Type 6 - Radar Statistical Performance

Trail#	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5492	1	16	5510	1
2	5492	1	17	5510	1
3	5492	1	18	5510	1
4	5492	1	19	5512	1
5	5500	1	20	5512	1
6	5500	1	21	5512	1
7	5500	1	22	5512	1
8	5500	1	23	5520	1
9	5508	1	24	5520	1
10	5508	1	25	5520	1
11	5508	1	26	5520	1
12	5508	1	27	5528	1
13	5510	1	28	5528	1
14	5510	1	29	5528	1
15	5510	1	30	5528	1
	Det	ection Percentage	(%)		100%

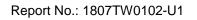
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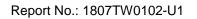
F	Radar waveform #	1	Radar waveform #2				
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)		
6	5467	18	6	5463	18		
7	5521	21	20	5505	60		
21	5512	63	26	5517	78		
27	5501	81	48	5484	144		
36	5504	108	51	5516	153		
37	5473	111	52	5509	156		
39	5509	117	71	5475	213		
42	5492	126	76	5514	228		
57	5479	171	77	5519	231		
62	5496	186	88	5483	264		
67	5465	201	96	5464	288		
71	5506	213					
79	5488	237					
83	5466	249					
93	5500	279	-				

F	Radar waveform #	3	Radar waveform #4				
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)		
Number	(MHz)		Number	(MHz)			
0	5497	0	0	5466	0		
23	5481	69	1	5522	3		
27	5483	81	5	5503	15		
31	5511	93	8	5490	24		
38	5474	114	16	5519	48		
55	5482	165	24	5468	72		
57	5487	171	35	5497	105		
73	5501	219	36	5483	108		
75	5498	225	46	5521	138		
90	5484	270	54	5487	162		
92	5477	276	56	5501	168		
			68	5492	204		
			75	5511	225		





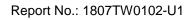
F	Radar waveform #	5	Radar waveform #6				
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)		
Number	(MHz)		Number	(MHz)			
3	5476	9	7	5512	21		
7	5491	21	15	5503	45		
12	5475	36	22	5480	66		
23	5472	69	31	5483	93		
29	5508	87	34	5470	102		
43	5503	129	37	5524	111		
56	5499	168	39	5504	117		
64	5528	192	44	5473	132		
69	5525	207	45	5507	135		
86	5482	258	52	5520	156		
94	5504	282	58	5482	174		
96	5480	288	59	5514	177		
97	5519	291	64	5479	192		
			74	5509	222		
			83	5497	249		
			84	5517	252		





F	Radar waveform #	7	Radar waveform #8		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
0	5497	0	17	5528	51
1	5522	3	21	5492	63
2	5524	6	24	5509	72
29	5471	87	27	5515	81
30	5489	90	38	5526	114
42	5508	126	39	5510	117
44	5525	132	73	5506	219
45	5503	135	84	5473	252
48	5529	144	91	5508	273
60	5515	180			
62	5500	186			
69	5488	207			
76	5519	228			
83	5474	249			
84	5480	252			
94	5496	282			

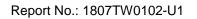
F	Radar waveform #	9	Radar waveform #10		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
8	5508	24	8	5503	24
9	5505	27	12	5525	36
21	5488	63	39	5520	117
27	5522	81	52	5493	156
30	5536	90	72	5480	216
31	5506	93	73	5523	219
45	5502	135	79	5489	237
52	5493	156	84	5516	252
53	5526	159	87	5527	261
81	5516	243	91	5491	273
89	5514	267	92	5492	276
95	5533	285			
97	5517	291			





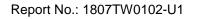
R	adar waveform #1	11	R	adar waveform #1	12
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
0	5534	0	8	5514	24
8	5521	24	11	5526	33
13	5515	39	16	5498	48
32	5530	96	26	5535	78
35	5498	105	28	5502	84
39	5488	117	31	5503	93
40	5481	120	43	5500	129
45	5531	135	47	5501	141
46	5512	138	66	5481	198
59	5490	177	67	5532	201
81	5486	243	68	5529	204
89	5479	267	69	5519	207
90	5491	270	80	5483	240
99	5493	297	82	5534	246
			84	5482	252

R	Radar waveform #13			Radar waveform #14		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)	
Number	(MHz)		Number	(MHz)		
5	5519	15	1	5489	3	
20	5502	60	9	5508	27	
25	5515	75	10	5487	30	
43	5509	129	25	5519	75	
46	5494	138	35	5504	105	
56	5487	168	47	5535	141	
60	5532	180	63	5502	189	
68	5528	204	69	5501	207	
71	5534	213	70	5486	210	
82	5507	246	82	5538	246	
90	5533	270	83	5482	249	
98	5514	294	86	5525	258	
			87	5534	261	





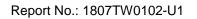
R	adar waveform #1	15	Radar waveform #16			
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)	
Number	(MHz)		Number	(MHz)		
0	5490	0	19	5522	57	
5	5513	15	26	5515	78	
15	5496	45	27	5539	81	
18	5514	54	31	5511	93	
27	5504	81	32	5533	96	
28	5530	84	33	5531	99	
48	5509	144	45	5521	135	
56	5492	168	47	5490	141	
63	5498	189	51	5537	153	
77	5529	231	58	5508	174	
79	5485	237	59	5513	177	
86	5527	258	68	5512	204	
88	5510	264	72	5525	216	
			78	5530	234	
			81	5529	243	
			90	5497	270	
			97	5483	291	
			99	5520	297	





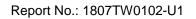
R	adar waveform #1	17	Radar waveform #18		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
4	5502	12	3	5484	9
11	5503	33	5	5504	15
15	5510	45	6	5516	18
20	5537	60	11	5521	33
33	5520	99	30	5494	90
36	5488	108	32	5481	96
47	5536	141	36	5485	108
52	5531	156	46	5535	138
55	5540	165	63	5523	189
64	5506	192	69	5509	207
65	5530	195	87	5496	261
78	5499	234	90	5483	270
83	5489	249	92	5525	276
89	5487	267	97	5480	291

R	Radar waveform #19			Radar waveform #20		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)	
Number	(MHz)		Number	(MHz)		
0	5489	0	8	5508	24	
33	5505	99	15	5502	45	
37	5511	111	26	5497	78	
38	5520	114	38	5542	114	
44	5524	132	48	5541	144	
49	5497	147	52	5498	156	
71	5523	213	53	5506	159	
78	5496	234	60	5491	180	
85	5495	255	66	5510	198	
89	5527	267	86	5499	258	
94	5500	282	98	5485	294	
98	5515	294				



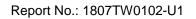


R	adar waveform #2	21	Radar waveform #22		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
11	5483	33	1	5524	3
20	5512	60	13	5540	39
23	5533	69	29	5517	87
39	5505	117	41	5528	123
85	5503	255	42	5536	126
90	5528	270	49	5518	147
			56	5486	168
			58	5496	174
			60	5515	180
			64	5502	192
			68	5510	204
			69	5503	207
			81	5525	243
			86	5485	258
			89	5522	267
			93	5490	279
			97	5537	291
			99	5483	297





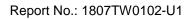
R	adar waveform #2	23	Radar waveform #24		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
5	5495	15	22	5550	66
10	5546	30	26	5511	78
14	5507	42	28	5515	84
19	5498	57	30	5501	90
35	5506	105	45	5516	135
37	5532	111	46	5505	138
55	5523	165	47	5525	141
73	5493	219	54	5529	162
78	5537	234	55	5496	165
91	5549	273	67	5495	201
			71	5523	213
			72	5504	216
			74	5500	222
			76	5521	228
			82	5498	246
			83	5528	249
			86	5492	258
			93	5536	279





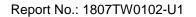
R	adar waveform #2	25	Radar waveform #26			
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)	
Number	(MHz)		Number	(MHz)		
2	5550	6	15	5505	45	
4	5520	12	16	5502	48	
10	5522	30	19	5493	57	
19	5524	57	29	5500	87	
27	5499	81	50	5519	150	
28	5495	84	51	5507	153	
32	5519	96	59	5508	177	
42	5533	126	75	5524	225	
43	5501	129	88	5540	264	
45	5507	135				
46	5521	138				
70	5539	210				
72	5537	216				
82	5518	246				
85	5490	255				
95	5543	285				
98	5527	294				

R	Radar waveform #27			Radar waveform #28		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)	
Number	(MHz)		Number	(MHz)		
11	5545	33	4	5501	12	
17	5517	51	15	5518	45	
20	5542	60	35	5532	105	
23	5558	69	56	5521	168	
24	5511	72	85	5517	255	
30	5519	90	86	5543	258	
68	5524	204				
86	5534	258				
93	5499	279				





R	adar waveform #2	27	Radar waveform #28		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
1	5528	3	7	5525	21
16	5512	48	19	5552	57
20	5513	60	27	5533	81
34	5506	102	35	5541	105
37	5505	111	40	5545	120
58	5553	174	57	5527	171
68	5556	204	64	5534	192
73	5537	219	69	5558	207
81	5517	243	73	5507	219
85	5500	255	78	5510	234
87	5498	261	80	5508	240
			85	5506	255
			89	5511	267
			91	5518	273
			93	5535	279
			95	5509	285

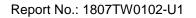




Radar Statistical Performance for 802.11ac-VHT80

Radar Type 1 - Radar Statistical Performance

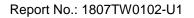
Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5492	1	638	83	1
2	5492	1	698	76	1
3	5500	1	898	59	1
4	5500	1	558	95	1
5	5508	1	838	63	1
6	5508	1	878	61	1
7	5510	1	658	81	1
8	5510	1	778	68	1
9	5512	1	858	62	1
10	5512	1	598	89	1
11	5520	1	678	78	1
12	5520	1	618	86	1
13	5528	1	538	99	1
14	5528	1	798	67	1
15	5530	1	918	58	1
16	5530	1	814	65	1
17	5532	1	2008	27	1
18	5532	1	2314	23	1
19	5540	1	612	87	1
20	5540	1	1774	30	1
21	5548	1	855	62	1
22	5548	1	1282	42	1
23	5550	1	2912	19	1
24	5550	1	2166	25	1
25	5552	1	527	101	1
26	5552	1	1796	30	1
27	5560	1	1749	31	1
28	5560	1	1555	34	1
29	5568	1	1660	32	1
30	5568	1	2056	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	5492	1.1	191	26	1
2	5492	3.7	193	23	1
3	5500	1.9	194	26	1
4	5500	1.2	204	29	1
5	5508	3.1	165	29	1
6	5508	4.1	225	26	1
7	5510	1.3	153	27	1
8	5510	3.3	164	23	1
9	5512	2.1	155	26	1
10	5512	3.3	169	23	1
11	5520	4.8	168	25	1
12	5520	4.1	203	23	1
13	5528	2.9	209	26	1
14	5528	2.2	230	29	1
15	5530	4.1	166	29	1
16	5530	4.7	180	25	1
17	5532	3.1	201	25	1
18	5532	1.9	181	29	1
19	5540	3.2	211	25	1
20	5540	2.8	188	28	1
21	5548	4.9	187	25	1
22	5548	3.6	157	26	1
23	5550	3.5	157	25	1
24	5550	3.1	171	23	1
25	5552	1.5	155	28	1
26	5552	3.4	195	23	1
27	5560	4.6	220	23	1
28	5560	2.1	189	27	1
29	5568	2.5	223	25	1
30	5568	3.5	153	27	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	5492	9.1	269	17	1
2	5492	8.1	424	18	1
3	5500	8.2	362	16	1
4	5500	6.5	430	18	1
5	5508	9.2	459	18	1
6	5508	8.2	269	16	1
7	5510	8.4	486	18	1
8	5510	8.6	283	16	1
9	5512	9.5	347	17	1
10	5512	8.9	330	18	1
11	5520	9.2	388	16	1
12	5520	8.8	309	18	1
13	5528	8.4	434	17	1
14	5528	6.8	284	17	1
15	5530	6.5	299	18	1
16	5530	6.4	288	17	1
17	5532	7.8	334	18	1
18	5532	9.0	422	16	1
19	5540	6.0	287	18	1
20	5540	7.8	274	18	1
21	5548	9.0	367	17	1
22	5548	8.1	261	18	1
23	5550	8.7	328	18	1
24	5550	7.6	485	18	1
25	5552	8.6	258	17	1
26	5552	6.7	406	16	1
27	5560	9.9	264	16	1
28	5560	6.5	365	18	1
29	5568	7.6	325	18	1
30	5568	9.6	327	16	1
	Det	ection Percentage	(%)		100%



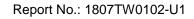
Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq.	Pulse Width	PRI (us)	Pulses / Burst	1=Detection
	(MHz)	(us)			0=No Detection
1	5492	16.2	370	12	1
2	5492	19.1	401	15	1
3	5500	12.2	444	12	1
4	5500	18.8	268	15	1
5	5508	17.0	317	13	1
6	5508	11.1	479	15	1
7	5510	16.7	446	14	1
8	5510	18.5	464	12	1
9	5512	19.0	491	12	1
10	5512	14.3	317	12	1
11	5520	18.8	331	16	1
12	5520	15.0	383	12	1
13	5528	17.1	464	13	1
14	5528	12.7	339	16	1
15	5530	12.8	407	15	1
16	5530	12.5	287	15	1
17	5532	16.6	436	12	1
18	5532	19.9	473	13	1
19	5540	13.6	250	14	1
20	5540	19.7	402	14	1
21	5548	12.4	422	13	1
22	5548	17.2	488	14	1
23	5550	12.5	468	12	1
24	5550	19.0	456	15	1
25	5552	17.7	267	15	1
26	5552	19.8	496	16	1
27	5560	12.7	285	14	1
28	5560	13.6	334	15	1
29	5568	17.1	281	14	1
30	5568	11.2	423	13	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	5456.0	1	16	5530.0	1
2	5455.6	1	17	5530.0	1
3	5457.6	1	18	5530.0	1
4	5454.4	1	19	5530.0	1
5	5456.8	1	20	5530.0	1
6	5459.6	1	21	5564.4	1
7	5454.0	1	22	5563.2	1
8	5459.2	1	23	5562.4	1
9	5455.2	1	24	5566.0	1
10	5458.8	1	25	5560.4	1
11	5530.0	1	26	5560.8	1
12	5530.0	1	27	5565.6	1
13	5530.0	1	28	5561.2	1
14	5530.0	1	29	5564.8	1
15	5530.0	1	30	5564.0	1
	Det	ection Percentage	(%)		100%

Type 5 Radar Waveform_1											
Num of Bursts = 16 Burst Interval (us)= 750000											
urst	Off Time (us) 70354	# 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	919176	1	10	65	1071	0	0	70354	0	749999	
2	724708	2	10	60	1738	1862	0	990601	750000	1499999	
3		3	10	85	1222	1106	1865	1718909	1500000	2249999	
4	1054964	1	10	70	1704	0	0	2778066	2250000	2999999	
5	241969	3	10	60	1268	1848	1756	3021739	3000000	3749999	
6	875812	2	10	50	1971	1521	0	3902423	3750000	4499999	
7	594620	3	10	70	1523	1270	1616	4500535	4500000	5249999	
3	1364128	1	10	65	1553	0	0	5869072	5250000	5999999	
9	314802	2	10	95	1278	1156	0	6185427	6000000	6749999	
10	688813	3	10	100	1228	1852	1403	6876674	6750000	7499999	
11	1081658	2	10	75	1514	1063	0	7962815	7500000	8249999	
12	690378	3	10	85	1470	1714	1495	8655770	8250000	8999999	
13	831596	2	10	55	1064	1597	0	9492045	9000000	9749999	
14	442134	1	10	70	1587	0	0	9936840	9750000	10499999	
15	598365	3	10	60	1213	1287	1489	10536792	10500000	11249999	
	741089	2									
16 otal numb	per of pulses in	waveform = 3	10 34	50	1187	1118	0	11281870	11250000	11999999	

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				Type	5 Radar \	Naveform	n_2			
m of Burs	sts = 18	een.								
rst inter rst	rval (us)= 6666 Off Time	#	Chirp (MHz)	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burs	t End Burst
	(us) 122728	Pulses		(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (u	s) Interval (us
	695719	3	9	65	1570	1648	1988	122728	0	666666
	550986	1	9	65	1280	0	0	823653	666667	1333333
	681686	3	9	100	1908	1664	1610	1375919	1333334	2000000
	1106551	1	9	90	1989	0	0	2062787	2000001	2666667
	605606	1	9	85	1490	-	0	3171327 3778423	2666668	3333334 4000001
	302366	2		80	1202	1034		3778423 4083025	3333335	
	991172	2	9	55	1115	1901	0		4000002	4666668 5333335
	552306	2	9	95	1944	1389 1221	0	5077213 5632852	4666669 5333336	6000002
,	661626		9	100	1838	0	0	6297537		
	381494	1		55	1446				6000003	666669
	971263	2	9	50	1922	1886	0	6680477		7333336
2	840785	3	9	75	1285	1302	1623	7655548	7333337	8000003
3	338244	2	9	70	1727	1587	0	8500543	8000004	8666670
1	580911	3	9	70 70	1207	1012 1266	1751 1943	8842101 9426982	8666671 9333338	9333337 10000004
5	1050728	3	9	70 75	1413	1266	1943		9333338	10000004
7	283152	1	9	75 50	1068 1928	0	0	10482332 10766552	10666672	11333338
3	1007718	3	9						10666672	
al numbe	er of pulses in	n waveform =	36	95 1991-1991-199	1523 	1119 ***	1773	11776198	11333339	12000005
				T	5 D - d 1	A1	0			
				туре	5 Radar \	vavetori	n_3			
	val (us)= 7500	00	an :	T-10		P.1 0	P.1 0	a	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)		nd Burst nterval(us)
	254346	3	14	60	1557	1273	1357	254346	0	749999
	881541	3	14	85	1621	1904	1808	1140074	750000	1499999
	464660	1	14	70	1592	0	0	1610067		2249999
	979125									
	1069620	3	14	55	1495	1218	1806	2590784		2999999
	133937	1	14	85	1881	0	0	3664923		3749999
	856639	2	14	70	1800	1508	0	3800741		4499999
	1153633	1	14	85	1431	0	0	4660688	4500000	5249999
		1	14	95	1588	0	0	5815752	5250000	599999
	206755	3	14	95	1558	1845	1228	6024095	6000000	6749999
	1282949	3	14	60	1900	1134	1476	7311675	6750000	7499999
	703582	3	14	75	1906	1077	1081	8019767		8249999
	787413	2	14	70	1732	1320	0	8811244		8999999
	255148	3			1508	1162	1085	9069444		9749999
	781485		14	90						
	1294843	2	14	65	1784	1292	0	9854684		10499999
	329978	2	14	60	1572	1632	0	11152603	10500000	11249999
al numbe	er of pulses in	2 waveform = 3	14 5 ********	80 1909-1909-1909-1	1137	1523	0	11485785	11250000	11999999
				Tues	E Doder \	Novefor	n 4			
-c P	- 10			Type	5 Radar \	vaverori	11_4			
of Burs st Inter st	sts = 16 rval (us)= 7500 Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 2951	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us)
		2	6	65	1426	1350	0	2951	0	749999
	1037874	3	6	95	1880	1456	1168	1043601	750000	1499999
	1105265	2	6	90	1876	1688	0	2153370	1500000	2249999
	263350	3	6	95	1242	1499	1078	2420284	2250000	2999999
	631630									
	734498	1	6	50	1514	0	0	3055733	3000000	3749999
	1294924	3	6	50	1696	1020	1617	3791745	3750000	4499999
	220659	1	6	65	1633	0	0	5091002	4500000	5249999
		2	6	65	1784	1770	0	5313294	5250000	5999999
	1324319	1	6	80	1524	0	0	6641167	6000000	6749999
		1	6	75	1130	0	0	7361096	6750000	7499999
	718405		6	90	1293	1707	1876	7558229	7500000	8249999
	196003	3				1935	0	8606572	8250000	8999999
			6	PO.				0000012	6450000	0222222
	196003	2	6	90	1721					00405
!	196003 1043467	2	6	75	1638	1960	1947	9230715	9000000	9749999
) - - 3	196003 1043467 620487 789588	2	6 6	75 70	1638 1842	1960 1778	1947 1762	9230715 10025848	9000000 9750000	10499999
	196003 1043467 620487	2	6	75	1638	1960	1947	9230715	9000000	

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Company Comp					Type !	5 Radar W	laveform	_5			
March Marc	of Bursts	= 17	82								
		Off Time	#	Chirp		Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
College 1 12		412408									Interval (us 705881
1000000 1		665695									1411763
1.180000		396269									2117645
0.546.54		1118528									2823527
		334334									3529409
Colors		687841						-			4235291
1000007 2 12 12 12 12 12 12 12		691033									4941173
1000077 3 12 70 1503 1711 0 0 0.00008		730595									5647055
Carty 1 12 75 132 75 130 131 132 132 132 130 1310 0 0 130002 7000002 1300002 1		1163257									6352937
		517770									7058819
		585867									7764701
		498726									8470583
1005999		976456									9176465
		1025383	_					-			9882347
		397012									10588229
Type 5 Radar Waveform_6 Type 5 Radar Waveform_7 Type 6 Type 6 Type 7 Type 7 Type 7 Type 8 Type 8 Type 8 Type 8 Type 8 Type 9 Type 9 Type 8 Type 9 Type 8 Type 9 Type 9 Type 9 Type 9 Type 9 Type 9 Type 9 Type 9 Type		418038									11294111
Type 5 Radar Waveform_6 Type 5 Radar Type		695287	1								11294111
## Interval (up) = 705882 ## Off Table # Pulses Chirp Pulses Pulses Pulses Pulses Chirp Pulses Chirp Pulses Pulses Chirp Pulses Chirp	l number	of pulses in	waveform = 2	7				Ť	11000014	2200 1116	1100000
### TATE PLANCE 17 TOSES 2 TOSES 1 TOSES TOSES 1 TOSES					Type :	5 Radar W	/aveform	6			
Company Comp	of Bursts	: = 17 	182		71						
			#	Chirp				Pulse 3	Start Loc	Start Burst	End Burst
445248		(us)	Pulses	(MHz)				Pri(us)	(us)		Interval (
952622 2			1	19	100	1409	0	0	506651	-	705881
			2	19	60	1167	1076	0	953308	705882	1411763
			1	19	50	1295	0	0	1908173	1411764	2117645
Trongon 1			1	19	90	1796	0	0	2461158	2117646	2823527
			2	19	70	1701	1273	0	3081836	2823528	3529409
SS6476 2			2	19	75	1067	1022	0	3845190	3529410	4235291
1050654 2 19 65 1331 1946 0 6161016 44941174 135647 3 19 85 1747 1106 1460 6204945 6447068 356427 2 19 75 1929 1369 0 6564684 6352038 1107068 1 19 55 1578 0 0 767500 705820 705820 1 19 50 1422 1116 0 8831112 8470584 654773 3 19 85 1997 1197 1228 9657736 9176466 664773 3 19 80 1303 1746 0 1228929 9882348 1018944 2 19 80 1303 1746 0 0 1248922 10588230 1 1018944 2 19 80 1303 1746 0 0 1248922 10588230 1 101894 2 19 85 1765 1207 1376 1161710 11294112 11294112 1 1 1 1 1 1 1 1 1			2	19	95	1142	1613	0	4311784	4235292	4941173
365427 3			2	19	65	1331	1945	0	5151015	4941174	5647055
1107098			3	19	85	1747	1105	1460	6204945	5647056	6352937
1			2	19	75	1929	1369	0	6564684	6352938	7058819
## S52958			1	19	55	1578	0	0	7675080	7058820	7764701
S24086 2 19 50 1422 1116 0 8831112 847684			3	19	60	1125	1761	1748	7973520	7764702	8470583
Section Sect			2	19	50	1422	1116	0	8831112	8470584	9176465
1018944 2			3	19	85	1997	1197	1226	9657736	9176466	9882347
19 80 1329 0 0 11248922 10588230 1207 1376 11517101 11294112 1			2	19	80	1303	1746	0	10226929	9882348	10588229
Type 5 Radar Waveform_7 Type 5 Radar Waveform_7 Tof Bursts = 13 st Interval (us) = 923077 st Off Sine			1	19	80	1329	0	0	11248922	10588230	11294111
Type 5 Radar Waveform_7 I of Bursts = 13	l number		3	19				1376			11999993
st Interval (us) = 923077 st Off Time (us) Pulses (MMz) Pulse 1 Pulse 1 Pulse 2 Pulse 3 Start Loc (us) Interval (us) Pri (us) Start Burst Interval (us) Pri (us) Start Burst Interval (us) Pri (us) Start Burst Interval (us) Pri (- montes	oppopopopo					+o+: 				
rest Interval (us) = 923077 rest Off Time (us) Pulses (MHz) (us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Start Burst Interval (us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Start Burst Interval (us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Start Burst Interval (us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Start Burst Interval (us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Start Burst Interval (us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Start Burst Interval (us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Start Burst Interval (us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Pri(us) Start Burst Interval (us) Pri(us) Pri(Type !	5 Radar W	/aveform	_7			
(us) Pulses (MHz) (us) Pri (us) Association Association Association Association Pri (us) Association Pri (us) Association Association Pri (us)		ıl (us)= 9230	77								
161059	t	(us)			PW (us)				Start Loc (us)		End Burst Interval(u
1161069 529863 1 5 75 1263 0 0 0 2176136 1846154 836262 757275 2 5 5 55 1668 1883 0 3013661 2769231 757275 1653219 1 5 5 55 1642 0 0 5432168 4615385 462939 767034 2 5 80 1444 1255 0 668033 6461539 1614479 72180 1 5 70 1152 0 0 8285211 7384616 72180 2 5 90 1084 1293 1301 8358543 8307693 1717419 2 5 65 1959 0 0 10726301 10153847			1	5	55	1537	0	0	480613	0	923076
529863 75 1263 0 0 2176136 1846154 836262 2 5 55 1668 1883 0 3013661 2769231 757275 3 5 100 1502 1593 1367 3774487 3692308 1653219 1 5 55 1642 0 0 5432168 4615385 462939 3 5 100 1285 1732 1233 5896749 5538462 767034 2 5 80 1444 1255 0 668033 6461539 1614479 2 5 70 1152 0 0 8285211 7384616 72180 3 5 90 1084 1293 1301 8358543 8307693 1717419 2 5 100 1072 1385 0 10079640 9230770 674204 1 5 65 1959 0 0		1161059									1846153
836262 757275 3 5 55 1668 1883 0 3013661 2769231 757275 3 5 100 1502 1593 1367 3774487 3692308 1653219 462939 1 5 55 1642 0 0 5432168 4615385 767034 2 5 80 1444 1255 0 6668033 6461539 1614479 2 5 70 1152 0 0 6668033 6461539 72180 1 5 70 1152 0 0 8285211 7384616 72180 2 5 90 1084 1293 1301 8358543 8307693 1717419 2 5 100 1072 1385 0 10079640 9230770 674204 1 5 65 1959 0 0 10756301 10153847		529863									
767276		836262	1	5	75	1263	0	0	2176136	1846154	2769230
1653219			2	5	55	1668	1883	0	3013661	2769231	3692307
1653219 462939			3	5	100	1502	1593	1367	3774487	3692308	4615384
462939 767034 2 5 80 1444 1255 0 6688033 6461539 1614479 72180 3 5 90 1084 1293 1301 8358543 8307693 1717419 2 674204 1 749327		1653219									5538461
767034 2 5 80 1444 1255 0 6668033 6461539 1614479 72180 1 5 70 1152 0 0 8285211 7384616 72180 3 5 90 1084 1293 1301 8358543 8307693 1717419 2 5 100 1072 1385 0 10079640 9230770 674204 1 5 65 1959 0 0 10756301 10153847		462939									
2 5 80 1444 1255 0 6668033 6461599 1614479 1 5 70 1152 0 0 8285211 7384616 72180 3 5 90 1084 1293 1301 8358643 8307693 1717419 2 5 100 1072 1385 0 10079640 9230770 674204 1 5 65 1959 0 0 10756301 10153847		767034	3	5	100	1285	1732	1233	5896749	5538462	6461538
72180 1 5 70 1152 0 0 8285211 7384616 72180 3 5 90 1084 1293 1301 8358543 8307693 1717419 2 5 100 1072 1385 0 10079640 9230770 674204 1 5 65 1959 0 0 10756301 10153847			2	5	80	1444	1255	0	6668033	6461539	7384615
72180 72180 3 5 90 1084 1293 1301 8358543 8307693 1717419 2 5 100 1072 1385 0 10079640 9230770 674204 1 5 65 1959 0 0 10756301 10153847			1	5	70	1152	0	0	8285211	7384616	8307692
1717419 . 2 5 100 1072 1385 0 10079640 9230770 674204 ! 1 5 65 1959 0 0 10756301 10153847 749327		72180									9230769
674204 : 1 5 65 1959 0 0 10756301 10153847 : 749327		1717419									
1 5 65 1959 0 0 10756301 10153847 749327		674204	2	5	100	1072	1385	0	10079640	9230770	10153846
149171			1	5	65	1959	0	0	10756301	10153847	11076923
) 3 5 80 1600 1558 1689 11507587 11076924 tall number of pulses in waveform = 25				5	80	1600	1558	1689	11507587	11076924	12000000

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				Type	5 Radar V	vaveioiii	1_0			
m of Burs	ts = 16 val (us)= 7500	100								
rst	Off Time	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2	Pulse 3 Pri(us)	Start Loc	Start Burst Interval(us)	End Burst Interval(us
	501358					Pri(us) 1392	1092	(us)	O (Interval (us)	749999
	938988	3	18	55 90	1625			501358	750000	
	781346	3	18		1819	1181	1667	1444455		1499999
	305077	2	18	75	1453	1232	0	2230468	1500000	2249999
	503834	3	18	70	1177	1731	1340	2538230	2250000	2999999
	1310541	2	18	95	1654	1572	0	3046312	3000000	3749999
	742288	1	18	90	1316	0	0	4360079	3750000	4499999
	173392	1	18	65	1406	0	0	5103683	4500000	5249999
	1456200	2	18	70	1954	1460	0	5278481	5250000	5999999
	616894	2	18	75	1261	1068	0	6738095	6000000	6749999
'	858273	1	18	70	1755	0	0	7357318	6750000	7499999
-	191063	2	18	65	1264	1079	0	8217346	7500000	8249999
:	936493	1	18	85	1339	0	0	8410752	8250000	8999999
3	1134187	2	18	50	1157	1875	0	9348584	9000000	9749999
Į.	483005	3	18	50	1080	1157	1840	10485803	9750000	10499999
i	283672	1	18	90	1482	0	0	10972885	10500000	11249999
: :al numbe:	r of pulses ir	1 waveform = 3	18 io	55	1761	0	0	11258039	11250000	11999999
++++++++	***********	*******	-	10101010101010101010	 	**				
				Туре	5 Radar V	Vaveforn	ո_9			
of Burs	ts = 17 val (us)= 7058	82								
st	Off Time	#	Chirp	PW .	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 20197	Pulses	Chirp (MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us)
	769562	2	8	55	1171	1447	0	20197	0	705881
	1209692	3	8	50	1230	1052	1245	792377	705882	1411763
	132027	3	8	60	1385	1615	1793	2005596	1411764	2117645
	1373638	2	8	100	1920	1366	0	2142416	2117646	2823527
	327575	3	8	75	1452	1243	1356	3519340	2823528	3529409
	1074300	3	8	100	1474	1654	1006	3850966	3529410	4235291
	43932	1	8	75	1956	0	0	4929400	4235292	4941173
	1073167	1	8	70	1381	0	0	4975288	4941174	5647055
	315992	1	8	65	1978	0	0	6049836	5647056	6352937
	1310659	1	8	80	1034	0	0	6367806	6352938	7058819
	547751	2	8	65	1905	1997	0	7679499	7058820	7764701
	667561	3	8	80	1209	1476	1645	8231152	7764702	8470583
	505083	3	8	50	1839	1949	1454	8903043	8470584	9176465
	633626		8	75	1627	1380		9413368	9176466	9882347
	796919	3	8	50	1693	1798	1608	10050001	9882348	10588229
	1106900	3	8	80	1917	1422	1159	10852019	10588230	11294111
al numbe:	r of pulses in	3 waveform = 3	8 9	85 	1858 	1491 ⊫∗	1845	11963417	11294112	11999993
				Type !	5 Radar W	laveform	10			
of Burs	ts = 11			Type (Adda W	440101111	_10			
	val (us)= 1090 Off Time	909 #	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
	979268	2	17	85	1459	1537	0	979268	0	1090908
	665151									
	1104598	3	17	50	1377	1440	1600	1647415	1090909	2181817
		1	17	50	1711	0	0	2756430	2181818	3272726
	741328	2	17	80	1029	1985	0	3499469	3272727	4363635
	1632891									
	1023054	3	17	80	1155	1561	1989	5135374	4363636	5454544
		3	17	95	1081	1497	1855	6163133	5454545	6545453
	1312729	2	17	85	1739	1020	0	7480295	6545454	7636362
	718684									
	1380925	3	17	60	1655	1342	1057	8201738	7636363	8727271
		2	17	60	1308	1208	0	9586717	8727272	9818180
	607676	3	17	85	1143	1885	1095	10196909	9818181	10909089
					1740	1000	1000	10120202	2010101	10000000
	1343765	2	17	85	1166	1529	0	11544797	10909090	11999998

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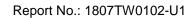
				Type 5	Radar W	aveform	_11			
um of Bur urst Inte	sts = 10 rval (us)= 1200	000								
urst	Off Time	# Pulses	Chirp (MHz)	P₩ (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	318244	3	10	55	1654	1580	1263	318244	0	1199999
2	1004702	3	10	65	1202	1989	1187	1327443	1200000	2399999
}	1571722	1	10	100	1910	0	0	2903543	2400000	3599999
l	1454545									
	1220312	3	10	50	1479	1186	1262	4359998	3600000	4799999
i	420519	1	10	60	1114	0	0	5584237	4800000	5999999
5	1720275	1	10	80	1483	0	0	6005870	6000000	7199999
		1	10	70	1774	0	0	7727628	7200000	8399999
3	1545287	1	10	60	1042	0	0	9274689	8400000	9599999
9	532485	3	10	95	1752	1858	1591	9808216	9600000	10799999
10	1576884	1	10	100	1028	0	0	11390301	10800000	11999999
tal numb	er of pulses in	waveform = 18	В				v	11050001	10000000	11393939
				Type 5	Dodor W	avoform	12			
4.5	44			Type 5	Radar W	averonii	_12			
	rval (us)= 8571	43 #	Ch i	DW	Pulse 1	Post on the	D. 1 2	S++ I	Store Broom	Ford Posses
urst	Off Time (us) 566758	# Pulses	Chirp (MHz)	P₩ (us)	Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)		End Burst Interval(us)
L	527333	1	8	100	1062	0	0	566758	0	857142
2	1012782	3	8	75	1713	1624	1290	1095153	857143	1714285
3	669216	3	8	70	1721	1617	1821	2112562	1714286	2571428
1	656509	3	8	75	1608	1882	1052	2786937	2571429	3428571
5	1332048	2	8	60	1930	1415	0	3447988	3428572	4285714
7	898420	2	8	50	1445	1444	0	4783381	4285715	5142857
' З	668484	3 2	8	95 85	1647 1783	1386 1246	1493 0	5684690 6357700	5142858 6000001	6000000 6857143
9	579054	2	8	65	1705	1063	0	6939783	6857144	7714286
10	874441	2	8	90	1251	1886	0	7816992	7714287	8571429
11	1518893	1	8	90	1546	0	0	9339022	8571430	9428572
12	672785	1	8	70	1914	0	0	10013353	9428573	10285715
13	1069278	1	8	90	1415	0	0	11084545	10285716	11142858
14	278979	2	8	50	1660	1655	0	11364939	11142859	12000001
otal numb * ololololololol	er of pulses in	waveform = 28 **	3 		+++++++++++++++++++++++++++++++++++++++	*				
				Type 5	Radar W	aveform	_13			
um of Bur urst Inte urst	erval (us)= 6315 Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burs	End Burst
1	(us) 22275	Pulses 1	Chirp (MHz) 19	(us) 80	Pri(us) 1861	Pri(us)	Pri(us)	(us) 22275	Interval (us	631578
2	1160689 428259	3	19	70	1833	1289	1087	1184825	631579	1263157
3	428259 665621	3	19	90	1665	1376	1145	1617293	1263158	1894736
1 5	626319	3 1	19 19	70 65	1114 1216	1064 0	1278 0	2287100 2916875	1894737 2526316	2526315 3157894
5	287107 781254	2	19	85	1328	1736	0	3205198	3157895	3789473
7	940536	2	19	70	1853	1387	0	3989516	3789474	4421052
3 9	707472	2 3	19 19	60 55	1695 1181	1188 1956	0 1702	4933292 5643647	4421053 5052632	5052631 5684210
ro	498755 754450	3	19	65	1347	1156	1070	6147241	5684211	6315789
11	366342	1	19	60	1715	0	0	6905264	6315790	6947368
12 13	838501	2	19 19	70 90	1632 1127	1278 1752	o 1595	7273321 8114732	6947369 7578948	7578947 8210526
14	439557	3	19	50	1554	1714	1796	8558763	8210527	8842105
	754383 697497	1	19	75	1181	0	0	9318210	8842106	9473684
		3	19	80	1469	1888	1275	10016888	9473685	10105263
16	560808		10		1000	1001				
15 16 17 18	560808 530034 513989	3 3	19 19	90 70	1077 1964	1391 1791	1840 1776	10582328 11116670	10105264 10736843	10736842 11368421

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				Type 5	Radar W	aveform	_14			
ım of Bur	sts = 17 rval (us)= 7058	:27								
ırst ırst	Off Time	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
1	(us) 505819	Pulses	Chirp (MHz)	(us)	Pri(us)	Pulse 2 Pri(us)	Pri(us)	Start Loc (us)	Interval (us)	Interval (us)
	622100	3	9	55	1408	1470	1947	505819	0	705881
	330451	1	9	55	1756	0	0	1132744	705882	1411763
	935175	2	9	80	1523	1068	0	1464951	1411764	2117645
	961458	1	9	55	1354	0	0	2402717	2117646	2823527
	761337	2	9	60	1029	1328	0	3365529	2823528	3529409
	729391	2	9	60	1708	1693	0	4129223	3529410	4235291
	115087	2	9	50	1130	1115	0	4862015	4235292	4941173
	978802	1	9	75	1860	0	0	4979347	4941174	5647055
	808902	1	9	75	1897	0	0	5960009	5647056	6352937
		1	9	75	1105	0	0	6770808	6352938	7058819
	824248	1	9	70	1889	0	0	7596161	7058820	7764701
	854707	2	9	95	1451	1724	0	8452757	7764702	8470583
	428796	2	9	90	1788	1513	0	8884728	8470584	9176465
	713022	2	9	65	1656	1771	0	9601051	9176466	9882347
	326088	1	9	75	1602	0	0	9930566	9882348	10588229
	676517	3	9	95	1755	1279	1223	10608685	10588230	11294111
	1124058	1	9	100	1500	o	0	11737000	11294112	11999993
al numb	er of pulses in	waveform = 2	:8 			*				
				Type 5	Radar W	aveform	15			
of Bur	sts = 19			71.						
st Inte	orval (us)= 631	#	Chirp	PW	Pulse 1	Pulse 2	Pulse 3	Start Ic-	Start Burst	End Burst
	(us) 357215	Pulses	(MHz)	(us)	Pri(us)	Pulse 2 Pri(us)	Pri(us)	Start Loc (us)	Interval (us	
	591109	2	5	80	1855	1624	0	357215	0	631578
	584641	3	5	55	1489	1763	1407	951803	631579	1263157
	535784	3	5	70	1705	1840	1313	1541103	1263158	1894736
	463854	3	5	75	1229	1565	1802	2081745	1894737	2526315
	1102952	2	5	100	1075	1725	0	2550195	2526316	3157894
	441810	1	5	95	1024	0	0	3655947	3157895	3789473
	827868	3	5	95	1722	1074	1443	4098781	3789474	4421052
	737690	2	5	90	1744	1364	0	4930888	4421053	5052631
	134014	3	5	85	1280	1371	1822	5671686	5052632	5684210
	643466	3	5	75	1442	1484	1752	5810173	5684211	6315789
	880027	3	5	85	1325	1562	1641	6458317	6315790	6947368
	788414	2	5	90	1676	1132	0	7342872	6947369	7578947
	682747	2	5	50	1374	1105	0	8134094	7578948	8210526
	401261	1	5	75	1300	0	0	8819320	8210527	8842105
	283555	3	5	95	1021	1425	1700	9221881	8842106	9473684
	1218852	1	5	75	1486	0	0	9509582	9473685	10105263
	327387	1	5 5	70	1912 1380	0	0	10729920 11059219	10105264 10736843	10736842 11368421
	339661	1		100				11059219		
al numb	er of pulses i	1 n waveform = -	5 40 ***********************************	90 	1477 ************	o ===	0	11400260	11368422	12000000
				Type 5	Radar W	aveform	16			
	sts = 19			71.						
st inte	rval (us)= 631: Off Time (us)	579 # 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
	230591	2	12	95	1859	1017	0	230591	0	631578
	622576	1	12	55	1550	0	0	856043	631579	1263157
	812670	3	12	90	1085	1930	1654	1670263	1263158	1894736
	493686	2	12	65	1511	1297	0	2168618	1894737	2526315
	918998	1	12	70	1671	0	0	3090424	2526316	3157894
	293448	1	12	95	1257	0	0	3385543	3157895	3789473
	416918	2	12	100	1810	1918	0	3803718	3789474	4421052
	765894 723611	1	12	55	1090	0	0	4573340	4421053	5052631
		2	12	90	1505	1198	0	5298041	5052632	5684210
	429377	2	12	80	1033	1688	0	5730121	5684211	6315789
	1009174 226103	3	12	55	1091	1137	1234	6742016	6315790	6947368
	226103 1148852	3	12	70	1231	1309	1259	6971581	6947369	7578947
	1148852 647297	1	12	60	1389	0	0	8124232	7578948	8210526
	430910	1	12	50	1133	0	0	8772918	8210527	8842105
	321856	2	12	75	1268	1732	0	9204961	8842106	9473684
	321856 1066488	3	12	70	1152	1730	1006	9529817	9473685	10105263
i		1	12	80	1943	0	0	10600193	10105264	10736842
,		1	12							
	254112 765778	2	12	100	1544	1570	0	10856248	10736843	11368421





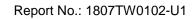
				Type 5	Radar W	aveform	_17			
m of Burs	ets = 14 eval (us)= 8571	43								
rst	Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 590934	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us
	400619	3	18	50	1068	1568	1231	590934	0	857142
	1180430	1	18	95	1813	0	0	995420	857143	1714285
	706822	3	18	100	1697	1814	1846	2177663	1714286	2571428
	655767	1	18	60	1851	0	0	2889842	2571429	3428571
	774532	3	18	80	1909	1441	1932	3547460	3428572	4285714
	1193226	2	18	75	1050	1177	0	4327274	4285715	5142857
	810936	2	18	95	1013	1980	0	5522727	5142858	6000000
	1325058	1	18	60	1370	0	0	6336656	6000001	6857143
	493636	2	18	50	1405	1610	0	7663084	6857144	7714286
	939570	1	18	80	1326	0	0	8159735	7714287	8571429
	530654	2	18	100	1526	1160	0	9100631	8571430	9428572
	1196512	3	18	90	1308	1422	1891	9633971	9428573	10285715
	1068093	2	18	55	1155	1785	0	10835104	10285716	11142858
al numbe	er of pulses in	3 waveform = 2	18 29	75	1607	1716	1371	11906137	11142859	12000001
***********				1919						
				Type 5	Radar W	aveform	_18			
of Burs	ts = 10 val (us)= 1200	1000								
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)
	504175									
	1512659	3	6	95	1914	1106	1333	504175	0	1199999
	500004	1	6	50	1644	0	0	2021187	1200000	2399999
	567231	3	6	85	1447	1279	1243	2590062	2400000	3599999
	1027209		e							4700000
	1730583	2	6	90	1339	1739	0	3621240	3600000	4799999
	005000	3	6	90	1940	1099	1827	5354901	4800000	5999999
	997286	3	6	85	1808	1127	1155	6357053	6000000	7199999
	1084603	2	6	70	1690	1570	0	2445246	7000000	0000000
	1510855	2	0	10	1680	1573	v	7445746	7200000	8399999
	1/606/6	1	6	70	1781	0	0	8959854	8400000	9599999
	1469646	1	6	60	1988	0	0	10431281	9600000	10799999
	617912	3	6	75	1570	1010	1000	11051101	10000000	11000000
al numbe	er of pulses in	waveform = 2	2	75 	1579 	1213 + ∗	1260	11051181	10800000	11999999
				T 1	. D. J M		40			
				Type	Radar W	averorm	_19			
of Burs st Inter	ts = 11 val (us)= 1090	909								
st	Off Time (us)	# 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
	290556									
	1508562	2	17	100	1886	1002	0	290556	0	1090908
	1194342	2	17	60	1844	1231	0	1802006	1090909	2181817
		1	17	60	1285	0	0	2999423	2181818	3272726
	776920	3	17	65	1502	1153	1756	3777628	3272727	4363635
	1171603									
	793828	1	17	80	1379	0	0	4953642	4363636	5454544
		1	17	75	1054	0	0	5748849	5454545	6545453
	1156516	3	17	95	1764	1835	1496	6906419	6545454	7636362
	1558937	1	17	60	1101	0	0	8470451	7636363	8727271
		_	-1	50	1101					
	495562									
	495562	1	17	65	1919	0	0	8967114	8727272	9818180
		1 2	17 17	65 65	1919 1086	0 1818	0	8967114 9957023	8727272 9818181	9818180 10909089

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				Type 5	5 Radar W	aveform	_20			
of Bur	sts = 13 rval (us)= 9230	77								
st	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)
	454581	2	14	50	1817	1569	0	454581	0	923076
	813092	1	14	60	1886	0	0	1271059	923077	1846153
	880286									
	797675	2	14	75	1355	1632	0	2153231	1846154	2769230
	1226318	1	14	50	1941	0	0	2953893	2769231	3692307
	1087776	2	14	80	1184	1906	0	4182152	3692308	4615384
		3	14	70	1825	1863	1410	5273018	4615385	5538461
	1043110	1	14	65	1783	0	0	6321226	5538462	6461538
	252532	3	14	75	1168	1218	1934	6575541	6461539	7384615
	1563620	3	14	80	1265	1431	1592	8143481	7384616	8307692
	534911									
	689967	3	14	90	1793	1122	1760	8682680	8307693	9230769
	1076966	2	14	70	1111	1964	0	9377322	9230770	10153846
	1150819	2	14	100	1197	1453	0	10457363	10153847	11076923
		2	14	50	1169	1598	0	11610832	11076924	12000000
elelelelelele at namp:	er of pulses in	waveform = 2	27 101010101010101010101	1000000000000000000000000000000000000		*				
				Type 5	5 Radar W	/aveform	_21			
of Bur	sts = 17 rval (us)= 7058	382								
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	
	282439	3	9	50	1178	1583	1778	282439	0	705881
	912944	2	9	55	1741	1636	0	1199922	705882	1411763
	417277	2	9	65	1771	1473	0	1620576	1411764	2117645
	1172732	3	9	50	1286	1557	1025	2796552	2117646	2823527
	72142	2	9	75	1794	1883	0	2872562	2823528	3529409
	864897 1087424	1	9	65	1463	0	0	3741136	3529410	4235291
	1087424 361052	3	9	95	1307	1497	1823	4830023	4235292	4941173
	757232	3	9	65	1881	1390	1366	5195702	4941174	5647055
	730137	1	9	50	1716	0	0	5957571	5647056	6352937
	690632	3	9	80	1234	1455	1540	6689424	6352938	7058819
	380642	3	9	75	1144	1295	1627	7384285	7058820	7764701
	1297579	3	9	55	1213	1104	1709	7768993	7764702	8470583
	704408	3	9	50 0E	1630	1648	1512	9070598	8470584	9176465
	612146		9	95 60	1345	1869	1815	9779796	9176466	9882347
	732210	3 2	9	60 95	1578 1599	1205 1139	1008	10396971 11132972	9882348 10588230	10588229 11294111
	788969	1	9	80	1124	0	0	11132972	10588230	11294111
al numb	er of pulses in	n waveform =	41		1124		Ü	11924679	11294113	1199993
				Type \$	5 Radar W	aveform	_22			
of Bur:	sts = 13 rval (us)= 9230	777								
st	Off Time (us)	# 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)
	902333	2	12	50	1104	1357	0	902333	0	923076
	536500	2	12	65	1766	1247	0	1441294	923077	1846153
	1260837									
	244510	2	12	65	1815	1425	0	2705144	1846154	2769230
	1299604	1	12	75	1062	0	0	2952894	2769231	3692307
	715911	3	12	55	1259	1549	1503	4253560	3692308	4615384
	1007925	1	12	100	1213	0	0	4973782	4615385	5538461
		1	12	75	1915	0	0	5982920	5538462	6461538
					1066	1701	1765	6794740	6461539	7384615
	809905	3	12				20			
		3	12	70 95		0	0	7/10/00/00	7304616	9307500
	809905	1	12	85	1309	0	0	7426862	7384616	8307692
	809905 627590	1 2	12 12	85 55	1309 1485	1480	0	8376287	8307693	9230769
	809905 627590 948116 1515685	1	12	85	1309					
	809905 627590 948116	1 2	12 12	85 55	1309 1485	1480	0	8376287	8307693	9230769



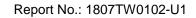


				Type 5	Radar W	aveform	_23			
m of Bur	sts = 18 erval (us)= 6666	67								
rst rst	Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst En	nd Burst
	(us) 542036	Pulses	(MHz)	(us)	Pri(us)	Pulse 2 Pri(us)	Pri(us)	(us)	Interval (us) In	nterval (us)
	704155	1	14	75	1445	0	0	542036		366666
	117994	2	14	70	1436	1315	0	1247636		1333333
	1205449	3	14	95	1924	1087	1736	1368381	1333334	2000000
	702649	1	14	55	1071	0	0	2578577	2000001	2666667
	544137	3	14	55	1303	1683	1488	3282297	2666668	3333334
	264681	3	14	55	1856	1816	1787	3830908		1000001
	1084516	3	14	55	1367	1542	1142	4101048		1666668
	587112	1	14	75	1256	0	0	5189615		5333335
	229764	1	14	100	1507	0	0	5777983		5000002
)	1141102	3	14	95	1094	1551	1725	6009254		5666669
L	448265	2	14	50	1433	1927	0	7154726		7333336
2	892704	2	14	55	1398	1846	0	7606351		3000003
3	770440	3	14	55	1853	1380	1993	8502299		8666670
1	696851	1	14	100	1619	0	0	9277965		9333337
5	677076	2	14	95	1706	1396	0	9976435	9333338	10000004
5	506589	2	14	50	1705	1873	0	10656613		10666671
7	827090	2	14	55	1460	1759	0	11166780		11333338
3 tal numb		1 waveform = 36	14 5	80	1549	0	0	11997089	11333339	12000005
	***************************************	***********	10101010101010101010101010101010101010	1010101010101010101 0		e .				
				Type 5	Radar W	aveform	_24			
	rsts = 8 erval (us)= 1500	0000								
rst	Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 297686	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us) Interval(
	4000101	3	5	60	1590	1651	1919	297686	0	1499999
	1209464		-	p.c	1000	1000	1100	1510010	1500000	0000000
	2637489	3	5	75	1390	1963	1160	1512310	1500000	2999999
	2001409	2	5	55	1883	1549	0	4154312	3000000	4499999
	1203665	2	,	00	1000	1045	~	4104017	000000	4400000
		2	5	80	1304	1011	0	5361409	4500000	5999999
	1219797							_		
	0054155	1	5	85	1142	0	0	6583521	6000000	7499999
	2351082	1	-	PA	1000			ODOER45	750000	0000000
	824939	1	5	70	1338	0	0	8935745	7500000	8999999
	024202	1	5	75	1463	0	0	9762022	9000000	10499999
	1232480	-	,	10	1400	v	~	210000	200000	10400000
		1	5	70	1387	0	0	10995965	10500000	11999999
	ber of pulses in						25			
				Type 5	Radar W	averorm	_25			
of Bur	:sts = 18			PW	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
a of Bur	rsts = 18 erval (us)= 6666 Off Time	#	Chirp			Pri(us)	Pri(us)	(us)	Interval (us)	
a of Burrst Inte	erval (us)= 6666	# Pulses	(MHz)	(us)	Pri(us)				0	666666
of Bur st Inte	erval (us)= 6666 Off Time (us)	# Pulses 1	(MHz)	70	1462	0	0	269916		
of Bur st Inte	erval (us)= 6666 Off Time (us) 269916	# Pulses 1 2	(MHz) 19 19	70 50	1462 1603	o 1716	0	1144703	666667	1333333
of Bur st Inte	erwal (us)= 6666 Off Time (us) 269916 873325	# Pulses 1 2 3	(MHz) 19 19 19	70 50 75	1462 1603 1973	0 1716 1646	o 1690	1144703 1368805	1333334	2000000
of Bur st Inte	erval (us)= 6666 Off Time (us) 269916 873325 220783	# Pulses 1 2 3	(MH2) 19 19 19 19	70 50 75 95	1462 1603 1973 1618	0 1716 1646 1736	0 1690 0	1144703 1368805 2267805	1333334 2000001	2000000 2666667
a of Bur st Inte	erval (us)= 6666 Off Time (us) 269916 873325 220783 893691	#Pulses 1 2 3 2	(MHz) 19 19 19 19 19	70 50 75 95 55	1462 1603 1973 1618 1890	0 1716 1646 1736 1672	0 1690 0 1713	1144703 1368805 2267805 2910344	1333334 2000001 2666668	2000000 2666667 3333334
a of Bur st Inte	Off Time (us) = 6666 (us) 269916 873325 220783 893691 639185	# Pulses 1 2 3 2 3	(MHz) 19 19 19 19 19 19 19	70 50 75 95 55	1462 1603 1973 1618 1890	0 1716 1646 1736 1672	0 1690 0 1713 0	1144703 1368805 2267805 2910344 3382227	1333334 2000001 2666668 3333335	2000000 2666667 3333334 4000001
a of Bur sst Inte	orval (ue)= 6666 Off Time (ue) 269916 873325 220783 893691 639185 466608 668807	# Pulses 1 2 3 2 3 1	(MHz) 19 19 19 19 19 19 19	70 50 75 95 55 95	1462 1603 1973 1618 1890 1319	0 1716 1646 1736 1672 0	0 1690 0 1713 0	1144703 1368805 2267805 2910344 3382227 4052353	1333334 2000001 2666668 3333335 4000002	2000000 2666667 3333334 4000001 4666668
a of Bur	erval (us) = 6666 Off Time (us) 269916 873325 220783 893691 639185 466608 668807 733272	# Pulses 1 2 3 2 3 1 1	(MHz) 19 19 19 19 19 19 19 19 19 1	70 50 75 95 55 95 75	1462 1603 1973 1618 1890 1319 1932	0 1716 1646 1736 1672 0 0	0 1690 0 1713 0	1144703 1368805 2267805 2910344 3382227 4052353 4787557	1333334 2000001 2666668 3333335 4000002 4666669	2000000 2666667 3333334 4000001 4666668 5333335
a of Bur st Inte	erval (us)= 6666 Off Time (us) 269916 873325 220783 893691 639185 466608 668807 733272 931500	# Pulses 1 2 3 2 3 1	(MHz) 19 19 19 19 19 19 19	70 50 75 95 55 95	1462 1603 1973 1618 1890 1319	0 1716 1646 1736 1672 0	0 1690 0 1713 0	1144703 1368805 2267805 2910344 3382227 4052353	1333334 2000001 2666668 3333335 4000002	2000000 2666667 3333334 4000001 4666668
sst Inte	erval (us)= 6666 (Off Time (us) 269916 (299916 (200916	# Pulses 1 2 3 2 3 1 1	(MHz) 19 19 19 19 19 19 19 19 19 1	70 50 75 95 55 95 75	1462 1603 1973 1618 1890 1319 1932	0 1716 1646 1736 1672 0 0	0 1690 0 1713 0 0	1144703 1368805 2267805 2910344 3382227 4052353 4787557	1333334 2000001 2666668 3333335 4000002 4666669	2000000 2666667 3333334 4000001 4666668 5333335
st Inte	erval (us)= 6666 Off fine (us) 269916 873325 220783 893691 639185 466608 668807 733272 931500 299318 1048633	# Pulses 1 2 3 2 3 1 1 2 2 3	(MHz) 19 19 19 19 19 19 19 19 19 1	70 50 75 95 55 95 76 90	1462 1603 1973 1618 1890 1319 1932 1956	0 1716 1646 1736 1672 0 0 1151	0 1690 0 1713 0 0 0	1144703 1368805 2267805 2910344 3382227 4052353 4787557 5722164	1333334 2000001 2666668 3333335 4000002 4666669 5333336	2000000 2666667 3333334 4000001 4666668 5333335 6000002
st Inte	erval (us)= 6660 Off Time (us) 269916 873325 220783 893691 639185 466608 668807 733272 931500 299318 1048633 416127	# Pulses 1 2 3 2 3 1 1 2 2 3 1	(MHz) 19 19 19 19 19 19 19 19 19 1	70 50 75 95 55 96 76 90 70	1462 1603 1973 1618 1890 1319 1932 1956 1315	0 1716 1646 1736 1672 0 0 1151 1524	0 1690 0 1713 0 0 0	1144703 1368805 2267805 2910344 3382227 4052353 4787557 5722164 6024321	133334 2000001 2666668 3333335 4000002 4666669 5333336 6000003	2000000 2666667 3333334 4000001 4666668 5333335 6000002 6666669
est Interest O	erval (us)= 6666 Off Time (us) 269916 873325 220783 893691 639185 466608 668807 733272 931500 299318 1048633 416127 750252	# Pulses 1 2 3 2 3 1 1 2 3 1 1 1 2 3	(MH±2) 19 19 19 19 19 19 19 19 19 19 19 19 19	70 50 75 95 55 96 76 90 70 75	1462 1603 1973 1618 1890 1319 1932 1956 1315 1833	0 1716 1646 1736 1672 0 0 1151 1524 0	0 1690 0 1713 0 0 0 0	1144703 1368805 2267805 2910344 3382227 4052353 4787557 5722164 6024321 7074787	133334 200001 266668 333335 400002 466669 533336 600003 6666670	2000000 2666667 3333334 4000001 4666668 5333335 6000002 6666669 7333336
est Interest	erval (us)= 6666 (Off Time (us) 269916 (299916	# Pulses 1 2 3 2 1 1 1 2 3 3 1 1 1 2 2 3 3 3 3 3	OMHz) 19 19 19 19 19 19 19 19 19 1	70 50 75 95 55 95 75 90 70 75 95	1462 1603 1973 1618 1890 1319 1932 1956 1315 1833 1919	0 1716 1646 1736 1672 0 0 1151 1524 0 1073 1701	0 1690 0 1713 0 0 0 0 0 0	1144703 1368805 2267805 2910344 3382227 4052353 4787557 5722164 6024321 7074787 7495078	133334 2000001 2666668 333335 4000002 4666669 5333336 6000003 6666670 7333337	2000000 2666667 333334 4000001 4666668 5333335 6000002 6666669 7333336 8000003
n of Bunnerst Interest	erval (us)= 6666 Off Time6 Off Time6 (us) 269916 873325 220783 893691 639185 466608 668807 733272 931500 299318 1048633 416127 750252 638511 876653	# Pulses 1 2 3 2 3 1 1 1 2 3 3 2 3 1 1 2 2 2 1 3 3 2 2	OMH=2) 19 19 19 19 19 19 19 19 19 19 19 19 19	70 50 75 95 55 96 76 90 70 75 96 55	1462 1603 1973 1618 1890 1319 1932 1956 1315 1833 1919 1113	0 1716 1646 1736 1672 0 0 1161 1624 0 1073 1701	0 1690 0 1713 0 0 0 0 0 0 1172 1973	1144703 1368805 2267805 2910344 3382227 4052353 4787557 5722164 6024321 7074787 7495078 8250117	133334 2000001 2666688 333335 4000002 4666669 5333336 6000003 6666670 7333337 8000004	2000000 2666667 3333334 4000001 4666668 5333335 60000002 66666669 7333336 8000003 8666670
est Inte	erval (us)= 6666 Off Time66 Off Time66 Off Time66 Sepside 873325 220783 893691 639185 466608 668807 733272 931500 299318 1048633 416127 750252 638511 876653 712112	# Pulses 1 2 3 2 3 1 1 1 2 3 3 2 3 1 1 2 2 1 3 3 2 3 3 3 3	OMH=2) 19 19 19 19 19 19 19 19 19 19 19 19 19	70 50 75 95 55 95 75 90 70 75 95 56 95	1462 1603 1973 1618 1890 1319 1932 1956 1315 1833 1919 1113 1117	0 1716 1646 1736 1672 0 0 1151 1524 0 1073 1701 1386 1720	0 1690 0 1713 0 0 0 0 0 0 1172 1973 0	1144703 1368805 2267805 2910344 3382227 4052353 4787557 5722164 6024321 7074787 7495078 8250117 8891131	133334 200001 266668 333335 4000002 4666669 533336 6000003 6666670 7333337 8000004	2000000 2666667 3333334 4000001 46666683 5333335 6000002 66666689 7333336 80000003 8666670 9333337
est Inte	erval (us)= 6666 Off Time6 Off Time6 (us) 269916 873325 220783 893691 639185 466608 668807 733272 931500 299318 1048633 416127 750252 638511 876653	# Pulses 1 2 3 2 3 1 1 1 2 3 3 2 3 1 1 2 2 1 3 3 3 2 2 2 1 3 3 2 2 2 2	OMH2) 19 19 19 19 19 19 19 19 19 19 19 19 19	70 50 75 95 55 96 76 90 70 75 95 56 96 58	1462 1603 1973 1618 1890 1319 1932 1956 1315 1833 1919 1113 1117	0 1716 1646 1736 1672 0 0 1151 1524 0 1073 1701 1386 1720 1155	0 1890 0 1713 0 0 0 0 0 0 1172 1973 0	1144703 1368805 2267805 2910344 3382227 4052353 4787557 5722164 6024321 7074787 7495078 8250117 8891131 9772383	133334 200001 2666688 333335 4000002 4666669 533336 6000003 6666670 7333337 8000004 8666671 9333338	2000000 2666667 3333334 40000001 4666668 5333335 6000002 6666669 7333336 8000003 8666670 9333337 10000004





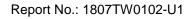
				Type 5	Radar W	laveform	_26			
of Burs	sts = 18 val (us)= 6666	67								
st inter	Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 660481	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us
	161679	2	18	95	1655	1540	0	660481	0	666666
	815796	3	18	60	1141	1303	1412	825355	666667	1333333
	940878	2	18	65	1482	1752	0	1645007	1333334	2000000
	522408	2	18	55	1010	1202	0	2589119	2000001	2666667
	261997	1	18	100	1021	0	0	3113739	2666668	3333334
	801246	3	18	65	1352	1338	1806	4182499	3333335	4000001
	1029596	2	18	75 95	1774	1597 1686	0		4000002	4666668
	721338	3	18 18	100	1194 1578	1700	1174	5215466 5939684	4666669 5333336	5333335 6000002
	372321	1	18	75	1218	0	0	6316457	6000003	6666669
	623082	3	18	95	1917	1214	1777	6940757	6666670	7333336
	989306	2	18	90	1056	1494	0	7934971	7333337	8000003
	558616	3	18	80	1426	1170	1902	8496137	8000004	8666670
	320449	1	18	90	1713	0	0	8821084	8666671	9333337
	523172	3	18	85	1899	1596	1843	9345969	9333338	10000004
	1234896	3	18	75	1734	1673	1677	10586203	10000005	10666671
	224700	2	18	100	1599	1628	0	10815987	10666672	11333338
	864710	3	18	80	1785	1964	1916	11683924	11333339	12000005
u numbe	er of pulses in	waveform = 4	# 1	*****		**				
				Type \$	5 Radar W	/aveform	_27			
of Burs	sts = 14 rwal (us)= 8571	43								
st	Off Time	#	Chirp	₽₩	Pulse 1	Pulse 2	Pulse 3	Start Loc	Start Burst	End Burst
	(us) 786556	Pulses	(MHz)	(us)	Pri(us)	Pri(us)	Pri(us)	(us)	Interval (us)	Interval (us
		2	6	50	1805	1629	0	786556	0	857142
	545431	3	6	100	1770	1347	1803	1335421	857143	1714285
	762387	3	6	75	1531	1398	1713	2102728	1714286	2571428
	792884	-	6	60						
	780360	3			1834	1004	1659	2900254	2571429	3428571
	804836	2	6	90	1742	1630	0	3685111	3428572	4285714
	989852	1	6	55	1181	0	0	4493319	4285715	5142857
		1	6	50	1827	0	0	5484352	5142858	6000000
	1200134	3	6	80	1222	1653	1836	6686313	6000001	6857143
	890841	2	6	90	1043	1889	0	7581865	6857144	7714286
	237197	1	6	75	1598	0	0	7821994	7714287	8571429
	804952									
	1637734	1	6	70	1500	0	0	8628544	8571430	9428572
	847454	3	6	50	1817	1631	1433	10267778	9428573	10285715
		2	6	60	1502	1355	0	11120113	10285716	11142858
_	403004	1	6	55	1732	0	0	11525974	11142859	12000001
ıl numbe ə lələlələl	er of pulses in	.waveform = 2 obobbbbbbbbbbbbb	28 							
				Type \$	5 Radar W	aveform	_28			
	ts = 10 val (us)= 1200	000								
st	Off Time (us) 665511	# 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	17	60	1884	0	0	665511	0	1199999
	1390207					1580	1000		1000000	
	1081842	3	17	55	1423	1576	1360	2057602	1200000	2399999
		1	17	50	1208	0	0	3143803	2400000	3599999
	1120697	9	4.67	oe.	1001	1/201	0	4005800	9500000	4700000
	1431570	2	17	85	1081	1681	0	4265708	3600000	4799999
		2	17	95	1746	1715	0	5700040	4800000	5999999
	638359	9	4.67	05	1050	1400	1000	go/100^	6000000	7199999
	1583897	3	17	85	1850	1430	1902	6341860	0000000	1199999
		2	17	60	1142	1926	0	7930939	7200000	8399999
	1285759		1.2	75	1022	1000		0010777	8400000	OFOCCO
		2	17	75	1077	1323	0	9219766	0400000	9599999
	1528715									
		3	17	55	1989	1828	1327	10750881	9600000	10799999
	1528715 937919	3 1	17 17	55 95	1989 1734	1828 0	0	10750881	9600000 10800000	10799999 11999999





				7.	Radar W					
of Bur	rsts = 15 erval (us)= 8000	000								
st	Off Time (us) 67757	# 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
	1014437	1	8	95	1505	0	0	67757	0	799999
		1	8	50	1250	0	0	1083699	800000	1599999
	578907	3	8	90	1954	1358	1273	1663856	1600000	2399999
	884311	1	8	60	1386	0	0	2552752	2400000	3199999
	1377546	1	8	95	1516	0	0	3931684	3200000	3999999
	561657	2	8	85	1121	1037	0	4494857	4000000	4799999
	1002571	1	8	55	1018	0	0	5499586	4800000	5599999
	476174	2	8	75	1575	1017	0	5976778	5600000	6399999
	1187041									
	418784	3	8	75	1327	1649	1293	7166411	6400000	7199999
	1107608	3	8	90	1521	1385	1446	7589464	7200000	7999999
	526717	1	8	85	1658	0	0	8701424	8000000	8799999
	381474	3	8	100	1624	1986	1662	9229799	8800000	9599999
	1032114	2	8	65	1466	1591	0	9616545	9600000	10399999
		1	8	50	1431	0	0	10651716	10400000	11199999
	553367	2	8	80	1494	1060	0	11206514	11200000	11999999
					· Dodor W		20			
al numi					Radar W		_30			
	***************************************						_30			
of Bu	rsts = 18 crval (us)= 6666		**********				_30			
of Bu	rsts = 18 erval (us) = 6666 Off Time (us)	# Pulses	Chirp (MHz)	Type 5	Pulse 1		Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	
of Bur	rsts = 18 erval (us) = 6666 Off Time	667 # Pulses	Chirp (MHz)	Type 5	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	(us) 389405	Interval (us)	Interval (us 666666
of Bur	rsts = 18 prval (us) = 6666 Off Time (us) 389405	######################################	Chirp (MHz)	Type 5	Pulse 1 Pri(us) 1732 1143	Pulse 2 Pri(us) 1597 1796	Pulse 3 Pri(us) O 1066	(us) 389405 670487	Interval (us) 0 666667	Interval (us 666666 1333333
of Bur	rsts = 18 rsts = 18 Off Time (us) 389405 277753	erittitities 67 # Pulses 2 3	Chirp (MHz) 10 10	Type 5	Fulse 1 Pri (us) 1732 1143 1042	Pulse 2 Pri(us) 1597 1796 1016	Pulse 3 Pri(us) O 1066	(us) 389405 670487 1971030	Interval (us) 0 666667 1333334	Interval (us 666666 1333333 2000000
of Bu	rsts = 18 erval (us) = 6666 Off Time (us) 383405 277753 1296538	# Pulses 2 3 2 3	Chirp (MHz) 10 10	Pw (us) 85 60 65 90	Pulse 1 Pri (us) 1792 1143 1042 1567	Pulse 2 Pri(us) 1597 1796 1016 1930	Pulse 3 Pri(us) 0 1066 0	(us) 389405 670487 1971030 2516161	Interval (us) 0 666667 1333334 2000001	Interval (us 666666 1333333 2000000 2666667
of Bur	rsts = 18 rval (us) = 6666 Off Time (us) 389405 277753 1296538 543073	######################################	Chirp (MHz) 10 10 10 10	Pw (us) 85 60 65 90 75	Pulse 1 Pri(us) 1732 1143 1042 1567 1267	Pulse 2 Pri(us) 1597 1796 1016 1930 1693	Pulse 3 Pri(us) 0 1066 0 1644	(us) 389405 670487 1971030 2516161 3208703	Interval (us) 0 686667 1333334 2000001 2666668	Interval (us 666666 1333333 2000000 2666667 33333334
of Bur	rsts = 18 rval (us) = 6666 (us) 389405 277753 1296638 543073 687401	# Pulses 2 3 2 3 2 3 3	Chirp (MHz) 10 10 10 10 10	Fw (us) 85 60 65 90 75 100	Pulse 1 Pri(us) 1732 1143 1042 1567 1267	Pulse 2 Pri(us) 1597 1796 1016 1930 1693 1049	Fulse 3 Pri(us) 0 1066 0 1644 0	(us) 389405 670487 1971030 2516161 3208703 3837967	Interval (us) 0 666667 1333334 2000001 2666668 3333335	Interval (us 666666 1333333 2000000 2666667 3333334 4000001
of Bur	csts = 18 erval (us) = 6666 Off Time (us) 389405 277753 1296538 543073 687401 626304	# Pulses 2 3 2 3 2 3 2 3	Chirp (MMz) 10 10 10 10 10 10	Type 5	Pulse 1 Pri (us) 1732 1143 1042 1567 1267 1412 1863	Pulse 2 Pri(us) 1597 1796 1016 1990 1893 1049 1181	Pulse 3 Pri(us) 0 1066 0 1644 0	(us) 389405 670487 1971030 2516161 3208703 3837967 4476545	Interval (us) 0 666667 1333334 2000001 2666668 3333335 4000002	Interval (us 666666 1333333 2000000 2666667 3333334 4000001 4666668
of Bur	rsts = 18 erval (us) = 6666 Off Time (ur) 389405 277753 1296538 543073 687401 626304 634369	######################################	Chirp (MHz) 10 10 10 10 10	Type 5	Pulse 1 Pri (us) 1732 1143 1042 1567 1267 1412 1863 1092	Pulse 2 Pri(us) 1597 1796 1016 1930 1693 1049 1181	Pulse 3 Pri(us) 0 1066 0 1644 0 1748	(us) 389405 670487 1971030 2516161 3208703 3837967 4476545 4734843	Interval (us) 0 666667 1333334 2000001 2666668 3333335 4000002 4666669	Interval (us 666666 1333333 2000000 2666667 3333334 4000001 4666668 5333335
of Bur	rete = 18 erval (us) = 6666 Off Time (us) 389405 277753 1296538 543073 687401 626304 634369 255254	# Pulses 2 3 2 3 2 3 2 1 3	Chirp (MMIz) 10 10 10 10 10 10 10 10 10 1	Pw (us) 85 60 65 90 75 100 95 75 80	Pulse 1 Pri(ur) 1792 1143 1042 1567 1267 1412 1863 1092 1260	Pulse 2 Pri(us) 1597 1796 1016 1930 1693 1049 1181 0	Pulse 3 Pri(us) 0 1066 0 1644 0 1748 0	(us) 389405 670487 1971030 2516161 3208703 3837967 4476545 4734843 5817206	Interval (us) 0 666667 1333334 2000001 2666668 333335 4000002 4666669 5333336	Interval (us 666666 1333333 2000000 2666667 3333334 4000001 4666668 5333335 6000002
of Bur	rsts = 18 rval (us) = 6666 Off Time (us) 389405 277753 1296538 543073 687401 626304 634369 255254 1081271	# Pulses 2 3 2 3 2 1 3 1	Chirp (MHz) 10 10 10 10 10 10 10 10 10 10	Fw (us) 85 60 65 90 75 100 95 75 80 90	Pulse 1 Pri(us) 1732 1143 1042 1567 1412 1863 1092 1260 1282	Pulse 2 Pri(us) 1597 1796 1016 1930 1693 1049 1181 0	Pulse 3 Pri(us) 0 1066 0 1644 0 1748 0 0	(us) 389405 670487 1971030 2516161 3208703 3837967 4476545 4734843 5817206 6337703	Interval (us) 0 666667 1333334 2000001 2666668 333335 4000002 4666669 5333336 6000003	Interval (us 666666 1333333 2000000 2666667 3333334 4000001 4666668 5333335 6000002 6666669
of Bur	csts = 18 erval (us) = 66666 Off Time (us) 389405 277753 1296538 543073 687401 626304 634369 265254 1081271 516410	# Pulses 2 3 2 3 2 1 3 1 2	Chirp (MMz) 10 10 10 10 10 10 10 10 10 10 10 10 10	Type 5	Pulse 1 Pri(us) 1732 1143 1042 1567 1267 1412 1863 1092 1260 1282 1951	Pulse 2 Pri(us) 1597 1796 1016 1930 1693 1049 1181 0 1543 0	Fulse 3 Pri(us) 0 1066 0 1644 0 1748 0 0	(us) 389405 670487 1971030 2516161 3208703 3837967 4476545 4734843 5817206 6337703 7296991	O 666667 1333334 2000001 2666668 3333335 4000002 4666669 5333336 6000003 6666670	Interval (us 666666 1333333 2000000 2666667 3333334 4000001 4666688 5333335 6000002 6666669 7333336
of Bur	rets = 18 erval (us) = 6666 Off Time (ur) 389405 277753 1296538 543073 687401 626304 634369 255254 1081271 516410 958006	# Pulses 2 3 2 3 2 1 3 1	Chirp (MHz) 10 10 10 10 10 10 10 10 10 10 10 10 10	Fw (us) 85 60 65 90 75 100 95 75 80 90	Fulse 1 Pri (us) 1732 1143 1042 1567 1267 1412 1863 1092 1280 1282 1951	Pulse 2 Pri(us) 1597 1796 1016 1930 1693 1049 1181 0	Pulse 3 Pri(us) 0 1066 0 1644 0 1748 0 0	(us) 389405 670487 1971030 2516161 3208703 3837967 4476545 4734843 5817206 6337703 7296891 7705758	Interval (us) 0 666667 1333334 2000001 2666668 333335 4000002 4666669 5333336 6000003	Interval (us 666666 1333333 2000000 2666667 3333334 4000001 4666668 5333335 6000002 6666669
of Bur	rete = 18 erval (us) = 6666 Off Time (us) 389405 277753 1296538 543073 687401 626304 634369 255254 1081271 516410 958006 405129	######################################	Chirp (MHz) 10 10 10 10 10 10 10 10 10 1	Pw (us) 85 60 65 90 75 100 95 75 80 90 65 65 70	Pulse 1 Pri(us) 1792 1143 1042 1567 1267 1412 1863 1092 1280 1282 1951 1814	Pulse 2 Pri(us) 1597 1796 1016 1930 1693 1049 1181 0 1543 0	Pulse 3 Pri(us) 0 1066 0 1644 0 1748 0 0 1284 0	(us) 389405 670487 1971030 2516161 3208703 3837967 4476545 4734843 5817206 6337703 7296591 7705758 8552183	O 666667 1333334 2000001 2666668 3333335 4000002 4666669 5333336 6000003 6666670 7333337 8000004	Interval (us 666666 1333333 2000000 2666667 1333334 400001 4666668 533335 6000002 666669 7333336 8000003 8666670
of Bur	csts = 18 erval (us) = 6666 Off Time (us) 389405 277753 1296538 543073 687401 626304 634369 255254 1081271 516410 958006 405129 844611 698852 357929	# Pulses 2 3 2 2 3 2 2 1 3 1 2 1 1 1	Chirp (MMz) 10 10 10 10 10 10 10 10 10 10 10 10 10	Type 5	Fulse 1 Pri (us) 1732 1143 1042 1567 1267 1412 1863 1092 1280 1282 1951	Pulse 2 Pri(us) 1597 1796 1016 1930 1693 1049 1181 0 1543 0	Pulse 3 Pri(us) 0 1066 0 1644 0 1748 0 0 1284	(us) 389405 670487 1971030 2516161 3208703 3837967 4476545 4734843 5817206 6337703 7296891 7705758	O 666667 1333334 2000001 2666668 333335 400002 4666669 5333336 6000003 6666670 7333337	Interval (us 666666 1333333 2000000 2666667 1333334 4000001 466668 533335 6000002 6666669 733336 8000003
of Bu	rsts = 18 erval (us) = 6666 Off Time SB9405 277753 1296538 543073 687401 626304 634369 255254 1081271 516410 958006 405129 844611 698852 357929 1036645	#Pulses 2 3 2 3 2 1 3 1 1 1	Chirp (MMz) 10 10 10 10 10 10 10 10 10 10 10 10 10	Fw (us) 85 60 65 90 75 80 90 65 65 70 90	Pulse 1 Pri (us) 1732 1143 1042 1567 1267 1412 1863 1092 1260 1282 1951 1814 1240 1654 1753	Pulse 2 Pri(us) 1597 1796 1016 1930 1693 1049 1181 0 1543 0 0 0	Pulse 3 Pri(us) 0 1066 0 1644 0 1748 0 0 0 1284 0	(us) 389405 670487 1971030 2516161 3208703 3837967 4476545 4734843 5817206 6337703 7296991 7705758 8552183 9252275 9611858	O 666667 1333334 2000001 2666668 333335 4000002 4666669 533336 6000003 666670 733337 8000004 8666671 9333338	Interval (us) 666666 1333333 2000000 26666667 333334 4000001 4666668 533335 6000002 6666669 733336 8000003 8666670 933337 10000004
of Bur	csts = 18 erval (us) = 6666 Off Time (us) 389405 277753 1296538 543073 687401 626304 634369 255254 1081271 516410 958006 405129 844611 698852 357929	# Pulses 2 3 2 3 2 1 3 1 2 1 1 1	Chirp (MMz) 10 10 10 10 10 10 10 10 10 10 10 10 10	Type 5	Pulse 1 Pri(us) 1732 1143 1042 1567 1412 1863 1092 1260 1282 1951 1814 1240	Pulse 2 Pri(us) 1597 1796 1016 1930 1693 1049 1181 0 1543 0	Pulse 3 Pri(us) 0 1065 0 1644 0 1748 0 0 0 1284 0	(us) 389405 670487 1971030 2516161 3208703 3837967 4476545 4734843 5817206 6337703 7296991 7705758 8552183	O 666667 1333334 2000001 2666668 333335 4000002 4666669 533336 6000003 6666670 7333337 8000004 8666671	Enterval (us. 666666 1333333 2000000 2666667 3333334 400001 4666668 533335 600002 6666669 733336 8000003 8666670 933337

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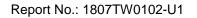


Radar Type 6 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5252	1	16	5290	1
2	5252	1	17	5292	1
3	5260	1	18	5292	1
4	5260	1	19	5300	1
5	5268	1	20	5300	1
6	5268	1	21	5308	1
7	5270	1	22	5308	1
8	5270	1	23	5310	1
9	5272	1	24	5310	1
10	5272	1	25	5312	1
11	5280	1	26	5312	1
12	5280	1	27	5320	1
13	5288	1	28	5320	1
14	5288	1	29	5328	1
15	5290	1	30	5328	1
	Det	ection Percentage	(%)		100%

FCC ID: 2AD8UFZCWI4A1 Page Number: 96 of 106

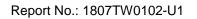
IC: 109D-FZCWI4A1





F	Radar waveform #	1	Radar waveform #2			
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)	
3	5513	9	0	5473	0	
7	5476	21	7	5474	21	
14	5509	42	32	5502	96	
20	5492	60	40	5492	120	
27	5514	81	44	5512	132	
51	5490	153	45	5505	135	
57	5507	171	57	5509	171	
71	5499	213	64	5462	192	
73	5477	219	69	5485	207	
82	5515	246	70	5472	210	
89	5465	267	71	5493	213	
			91	5494	273	

F	Radar waveform #	3	F	Radar waveform #	4
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
18	5497	54	3	5500	9
23	5478	69	5	5515	15
26	5494	78	13	5470	39
32	5501	96	20	5502	60
38	5513	114	22	5499	66
44	5493	132	30	5519	90
45	5526	135	39	5503	117
46	5483	138	43	5510	129
57	5488	171	56	5490	168
64	5506	192	57	5518	171
67	5472	201	58	5506	174
88	5471	264	74	5525	222
97	5505	291	91	5524	273
98	5519	294	92	5474	276
			95	5475	285
			99	5513	297



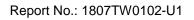


F	Radar waveform #	5	F	Radar waveform #	6
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
9	5512	27	4	5522	12
16	5509	48	11	5480	33
23	5532	69	16	5497	48
24	5505	72	18	5482	54
30	5530	90	21	5505	63
35	5506	105	53	5485	159
36	5531	108	58	5483	174
38	5500	114	62	5481	186
48	5502	144	64	5488	192
56	5516	168	66	5521	198
67	5526	201	73	5526	219
73	5491	219	81	5532	243
84	5529	252	85	5511	255
92	5478	276			
97	5489	291			



F	Radar waveform #	7	F	Radar waveform #	8
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
0	5507	0	0	5506	0
5	5532	15	5	5493	15
8	5498	24	14	5507	42
11	5510	33	34	5495	102
16	5521	48	41	5511	123
23	5531	69	42	5494	126
36	5530	108	56	5536	168
61	5497	183	64	5486	192
65	5486	195	68	5508	204
69	5506	207	78	5485	234
73	5502	219	91	5505	273
82	5501	246	93	5502	279
92	5514	276			
94	5512	282			
96	5513	288			
97	5533	291			

F	Radar waveform #	9	Radar waveform #10			
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)	
Number	(MHz)		Number	(MHz)		
11	5516	33	5	5517	15	
33	5517	99	20	5537	60	
51	5525	153	24	5526	72	
52	5538	156	25	5484	75	
53	5541	159	28	5488	84	
55	5483	165	52	5496	156	
64	5508	192	59	5523	177	
74	5493	222	61	5490	183	
80	5487	240	64	5512	192	
84	5513	252	68	5491	204	
85	5492	255	75	5534	225	
87	5512	261	88	5539	264	
96	5498	288	93	5501	279	
			98	5518	294	





R	adar waveform #1	11	R	adar waveform #1	12
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
13	5550	39	3	5501	9
17	5549	51	14	5525	42
18	5536	54	23	5543	69
37	5517	111	26	5514	78
60	5515	180	27	5534	81
67	5539	201	34	5536	102
69	5501	207	38	5511	114
74	5498	222	40	5505	120
75	5502	225	41	5517	123
77	5504	231	47	5498	141
82	5525	246	51	5541	153
90	5547	270	65	5540	195
			80	5492	240

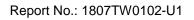
R	adar waveform #1	13	Radar waveform #14			
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)	
Number	(MHz)		Number	(MHz)		
6	5530	18	5	5527	15	
8	5548	24	6	5549	18	
14	5505	42	7	5552	21	
40	5499	120	15	5505	45	
42	5544	126	31	5553	93	
43	5514	129	37	5540	111	
52	5533	156	38	5531	114	
60	5541	180	48	5521	144	
62	5521	186	59	5542	177	
69	5518	207	75	5524	225	
78	5517	234	80	5543	240	
82	5542	246	97	5555	291	
84	5498	252	99	5526	297	
85	5555	255				
97	5556	291				
99	5510	297				





Radar waveform #15			R	Radar waveform #16		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)	
Number	(MHz)		Number	(MHz)		
7	5547	21	13	5528	39	
19	5500	57	17	5540	51	
21	5548	63	36	5534	108	
22	5507	66	38	5522	114	
29	5517	87	40	5521	120	
55	5541	165	43	5526	129	
70	5557	210	48	5500	144	
78	5538	234	52	5518	156	
82	5510	246	58	5556	174	
85	5512	255	65	5516	195	
96	5529	288	71	5511	213	
99	5545	297	80	5520	240	
			91	5509	273	
			95	5555	285	

Radar waveform #17			R	adar waveform #1	18
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
2	5549	6	3	5517	9
13	5541	39	9	5519	27
20	5511	60	11	5510	33
33	5506	99	23	5543	69
65	5559	195	42	5534	126
67	5519	201	55	5531	165
73	5551	219	71	5560	213
74	5508	222	76	5516	228
82	5548	246	77	5559	231
92	5522	276	81	5512	243
			88	5506	264
			90	5541	270
			98	5542	294



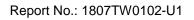


Radar waveform #19			R	adar waveform #2	20
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
0	5556	0	5	5561	15
40	5535	120	40	5552	120
51	5555	153	41	5537	123
57	5522	171	48	5545	144
83	5558	249	54	5521	162
84	5519	252	57	5516	171
97	5515	291	63	5518	189
			71	5533	213
			84	5529	252
			91	5558	273

Radar waveform #21			Radar waveform #22		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
1	5535	3	7	5545	21
13	5528	39	33	5532	99
24	5550	72	39	5539	117
40	5553	120	44	5530	132
57	5519	171	45	5546	135
59	5521	177	48	5520	144
64	5534	192	52	5549	156
70	5575	210	66	5551	198
71	5556	213	90	5529	270
81	5570	243	91	5521	273
86	5549	258	96	5568	288
97	5573	291	97	5574	291
99	5546	297			

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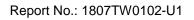


Radar waveform #23			R	adar waveform #2	24
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
1	5556	3	1	5561	3
5	5548	15	2	5535	6
7	5531	21	17	5562	51
20	5535	60	24	5525	72
23	5561	69	25	5564	75
29	5572	87	33	5575	99
31	5557	93	42	5534	126
47	5529	141	43	5543	129
53	5522	159	47	5571	141
58	5527	174	52	5572	156
60	5536	180	53	5533	159
72	5567	216	55	5529	165
74	5569	222	58	5560	174
89	5579	267	65	5578	195
90	5563	270	74	5557	222
97	5521	291			



Radar waveform #25			R	adar waveform #2	26
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
0	5541	0	3	5576	9
6	5571	18	10	5563	30
8	5569	24	22	5529	66
16	5545	48	24	5564	72
20	5536	60	45	5578	135
25	5576	75	50	5524	150
34	5533	102	51	5532	153
40	5565	120	54	5582	162
47	5575	141	57	5569	171
49	5526	147	58	5527	174
51	5535	153	61	5561	183
52	5542	156	63	5550	189
58	5534	174	84	5522	252
64	5549	192	87	5526	261
80	5577	240			
86	5554	258			
95	5566	285			
98	5558	294			

R	Radar waveform #27			Radar waveform #28		
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)	
Number	(MHz)		Number	(MHz)		
4	5534	12	2	5539	6	
34	5531	102	13	5542	39	
42	5575	126	22	5541	66	
56	5586	168	33	5538	99	
57	5573	171	43	5579	129	
72	5552	216	74	5543	222	
77	5554	231	80	5568	240	
80	5540	240	87	5580	261	
89	5588	267				
90	5580	270				
93	5587	279				
99	5538	297				





Radar waveform #29			R	adar waveform #3	30
Hopping	Frequency	Pulse Start (ms)	Hopping	Frequency	Pulse Start (ms)
Number	(MHz)		Number	(MHz)	
0	5570	0	15	5595	45
27	5539	81	30	5568	90
39	5595	117	48	5591	144
40	5547	120	49	5574	147
54	5598	162	63	5538	189
55	5566	165	72	5539	216
59	5588	177	73	5551	219
69	5564	207	88	5564	264
82	5550	246	96	5565	288
99	5557	297			

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6. CONCLUSION

The data collected relate only the item(s) tested and show that the Wireless Access Point FCC ID: 2AD8UFZCWI4A1, Model Number: WI4A-AC400i is in compliance with Part 15E of the FCC Rules and IC Rules.

————— The End —————