Dynamic Frequency Selection (DFS)

Test Report

Product Name	SpectraGuard® Access Point / Sensor
Model No	SS-300AT-C-60
FCC ID	TOR-SS300ATC60

Applicant	AirTight Networks, Inc.
Address	339 N. Bernardo Avenue, Suite #200, Mountain View, California, USA

Date of Receipt	July 03, 2013
Issued Date	Nov. 12, 2013
Report No.	137146R-RFUSP09V00
Report Version	V1.0

Testing Laboratory
0914

The test results relate only to the samples tested.
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This report must not be used to claim product endorsement by TAF or any agency of the U.S. Government

DFS Test Report

Issued Date: Nov. 12, 2013
Report No.: 137146R-RFUSP09V00

QuieTek Corporation

Product Name	SpectraGuard® Access Point / Sensor
Applicant	AirTight Networks, Inc.
Address	339 N. Bernardo Avenue, Suite #200, Mountain View, California, USA
Manufacturer	DONG GUAN G-COM COMPUTER CO., LTD.
Model No.	SS-300AT-C-60
FCC ID.	TOR-SS300ATC60
EUT Rated Voltage	DC 12V
EUT Test Voltage	AC 120V/60Hz
Trade Name	AirTight
Applicable Standard	FCC CFR Title 47 Part 15 Subpart E 15.407 (h): 2012 FCC 06-96
Test Result	Complied

The Test Results relate only to the samples tested.
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This report must not be used to claim product endorsement by TAF or any agency of the U.S. Government

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Tested By : Tom Hsieh

(Vice Supervisor / Tom Hsieh)

Approved By :

(Manager / Vincent Lin)

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Attachment 1: EUT Test Photographs

1. GENERAL INFORMATION

1.1. Standard Requirement

FCC Part 15.407:

U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30dBm. A TPC mechanism is not required for systems with an E.I.R.P. of less than 500mW.

U-NII devices operating in the 5.25-5.35 GHz and 5.47-5.725 GHz bands shall employ a DFS radar detection mechanism to detect the presence of radar systems and to avoid co-channel operation with radar systems.

1.2. EUT Description

Product Name	SpectraGuard® Access Point / Sensor
Trade Name	AirTight
FCC ID.	TOR-SS300ATC60
Model No.	SS-300AT-C-60
DFS Frequency Range	5260-5320MHz, 5500-5640MHz, 5660-5700MHz
Number of Channels	802.11a/n-20MHz: 12, n-40MHz: 5
Data Rate	802.11a/g: 6-54Mbps, 802.11n: up to 450Mbps
Channel Control	Auto
Type of Modulation	802.11a/n:OFDM, BPSK, QPSK, 16QAM, 64QAM
Channel Bandwidth	20/40MHz
DFS Function	■ Master ☐ Slave
TPC Function	■ <500mW not required ☐ ≧ 500mW employ a TPC
Communication Mode	■ IP Based Systems ☐ Frame Based System ☐ Other System
Antenna type	PIFA / Dipole
Antenna Gain	Refer to the table “Antenna List”

Antenna List

Mode 1, 2 (AR9350_2TX)

No.	Manufacturer	Part No.	Peak Gain	Note
1	JOYMAX	JWX-614XRSXX-361 JWX-614XRSXX-361	5dBi For 5.25~5.35GHz 5dBi For 5.47~5.725GHz	External Antenna (Dipole)
2	MAG.LAYERS	MSA-3810-2G4C1-A36 MSA-3810-2G4C1-A38	2.64dBi For 5.25~5.35GHz 1.38dBi For 5.47~5.725GHz	Internal Antenna (PIFA)

Mode 3, 4 (AR9590_3TX)

No.	Manufacturer	Part No.	Peak Gain	Note
1	JOYMAX	JWX-614XRSXX-361 JWX-614XRSXX-361 JWX-614XRSXX-361	5dBi For 5.25~5.35GHz 5dBi For 5.47~5.725GHz	External Antenna (Dipole)
2	MAG.LAYERS	MSA-3810-2G4C1-B4 MSA-3810-2G4C1-B3 MSA-3810-2G4C1-A37	3.87dBi For 5.25~5.35GHz 4.76dBi For 5.47~5.725GHz	Internal Antenna (PIFA)

802.11a/n-20MHz Center Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 52:	5260 MHz	Channel 56:	5280 MHz	Channel 60:	5300 MHz	Channel 64:	5320 MHz
Channel 100:	5500 MHz	Channel 104:	5520 MHz	Channel 108:	5540 MHz	Channel 112:	5560 MHz
Channel 116:	5580 MHz	Channel 132:	5660 MHz	Channel 136:	5680 MHz	Channel 140:	5700 MHz

802.11n-40MHz Center Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 54:	5270 MHz	Channel 62:	5310 MHz	Channel 102:	5510 MHz	Channel 110:	5550 MHz
Channel 134:	5670 MHz						

Test Mode	Mode 1: Transmit (802.11n-20BW)_AR9350_2X2 Mode 2: Transmit (802.11n-40BW)_AR9350_2X2 Mode 3: Transmit (802.11n-20BW)_AR9590_3X3 Mode 4: Transmit (802.11n-40BW)_AR9590_3X3

1.3. UNII Device Description

(1) The EUT operates in the following DFS band:

1. 5250-5350 MHz
2. 5470-5725 MHz

(2) The maximum EIRP of the 5GHz equipment is 25.4dBm.

Below are the available 50ohm antenna assemblies and their corresponding gains. 0dBi gain was used to set the -63dBm threshold level (-64dBm +1 dB) during calibration of the test setup.

Mode 1, 2 (AR9350_2TX)

No.	Manufacturer	Part No.	Peak Gain	Note
1	JOYMAX	JWX-614XRSXX-361 JWX-614XRSXX-361	5dBi For 5.25~5.35GHz 5dBi For 5.47~5.725GHz	External Antenna (Dipole)
2	MAG.LAYERS	MSA-3810-2G4C1-A36 MSA-3810-2G4C1-A38	2.64dBi For 5.25~5.35GHz 1.38dBi For 5.47~5.725GHz	Internal Antenna (PIFA)

Mode 3, 4 (AR9590_3TX)

No.	Manufacturer	Part No.	Peak Gain	Note
1	JOYMAX	JWX-614XRSXX-361 JWX-614XRSXX-361 JWX-614XRSXX-361	5dBi For 5.25~5.35GHz 5dBi For 5.47~5.725GHz	External Antenna (Dipole)
2	MAG.LAYERS	MSA-3810-2G4C1-B4 MSA-3810-2G4C1-B3 MSA-3810-2G4C1-A37	3.87dBi For 5.25~5.35GHz 4.76dBi For 5.47~5.725GHz	Internal Antenna (PIFA)

(3) WLAN traffic is generated by streaming the video file “TestFile.mp2” from the Master device to the Slave device in full motion video mode using the media player with the V2.61 Codec package.

(4) For the 5250-5350 MHz and 5470-5725 MHz bands, the Master device provides, on aggregate, uniform loading of the spectrum across all devices by selecting an operating channel among the available channels using a random algorithm.

(5) This device does not exceed 27dBm eirp, so no transmit power control is implemented.

(6) The client device is an Compaq 511 Notebook pc contains Intel WLAN radio Module card (Model 533AN_MMW). The Intel WLAN Module card FCC ID: PD9533ANH

1.4. Test Equipment

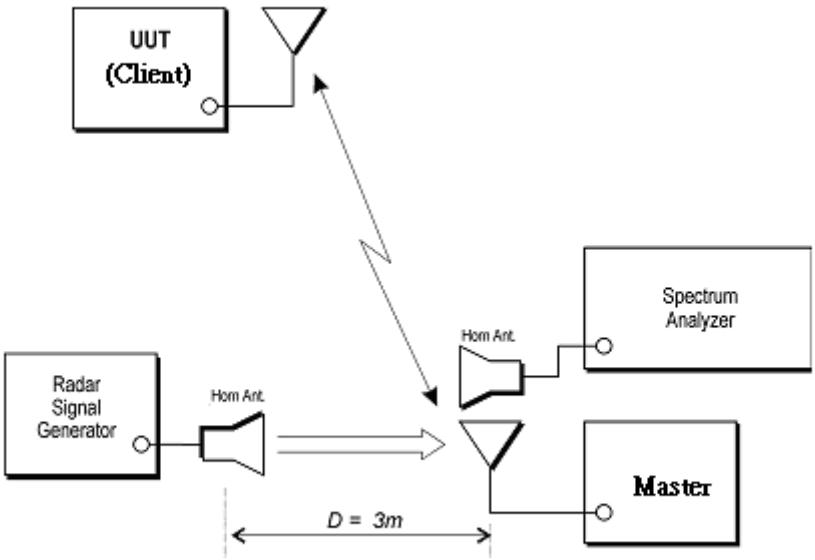
Dynamic Frequency Selection (DFS)

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	E4440A	MY46185846	July, 15, 2013
Vector Signal Generator	Agilent	E4438C	MY49070137	July, 09, 2013
Signal Analyzer	Agilent	N9020A	MY48010570	June, 03,2013

Instrument	Manufacturer	Type No.	Serial No
Notebook Pc	Hp	HSTNN-155C	CNU8476RVZ
Notebook Pc	Compaq	CPQ511VT5870Q4X320MIBN CN2Pa	CNU0060M23
Horn Antenna	SCHWARZBECK	9120D	866
Horn Antenna	SCHWARZBECK	9120D	867
RF Cable	SUHNER	SUCOFLEX 104	309180/4
RF Cable	SUHNER	SUCOFLEX 106	3474516
Directional Coupler	Agilent	87300C	MY44300352

Software	Manufacturer	Function
Agilent Signal Studio for Pulse Building V1.3.13.0	Agilent	Radar Signal Generation Software
Agilent DFS_TEST V1.0.0.73	Agilent	Radar Signal Generation Software
Media Player Classic v6.4.8.6	Gabest.org	Multimedia Player

1.5. Test Setup



1.6. DFS Detection Thresholds

(1) Interference Threshold value, Master or Client incorporating In-Service Monitoring

Maximum Transmit Power	Value (see note)
≥200 milliwatt	-64 dBm
< 200 milliwatt	-62 dBm

Note 1:

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

Note 2:

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

(2) DFS Response requirement values

Parameter	Value
Non-Occupancy Period	30 Minutes
Channel Availability Check Time	60 Seconds
Channel Move Time	10 Seconds
Channel Closing Transmission Time	200 milliseconds + approx. 60 milliseconds over remaining 10 seconds period (See Notes 1 and 2)
U-NII Detection Bandwidth	Minimum 80% of the 99% power bandwidth See Note 3.

Note1:

The instant that the Channel Move Time and the Channel Closing Transmission Time begins is as follows:

- For the short pulse radar test signals this instant is the end of the burst.
- For the frequency hopping radar test signal, this instant is the end of the last radar burst generated
- For the long pulse radar test signal this instant is the end of the 12 seconds period defining the radar transmission.

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 facilitating channel changes (an aggregate of approximately 60 milliseconds) during the remainder of the 10 seconds 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 1 is used and for each frequency step the minimum percentage of detection is 90%. Measurements are performed with no data traffic.

1.7. Radar Test Waveforms

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.

(1) Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (usec)	PRI (usec)	Pulses	Minimum Percentage of Successful Detection	Minimum Trials
1	1	1428	18	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (radar types 1-4)				80%	120

A minimum of 30 unique waveforms is required for each of the short pulse radar type 2 through 4. For short pulse radar type 1, then same waveform is used a minimum of 30 times. If more than 30 waveforms are used for short pulse radar type 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. The aggregate is the average of the percentage of successful detections of short pulse radar type 1-4.

(2) Long Pulse Radar Test Signal

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

The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the long pulse radar test signal. If more than 30 waveforms are used for the long pulse radar test signal, then each additional waveform must also be unique and not repeated from the previous waveforms.

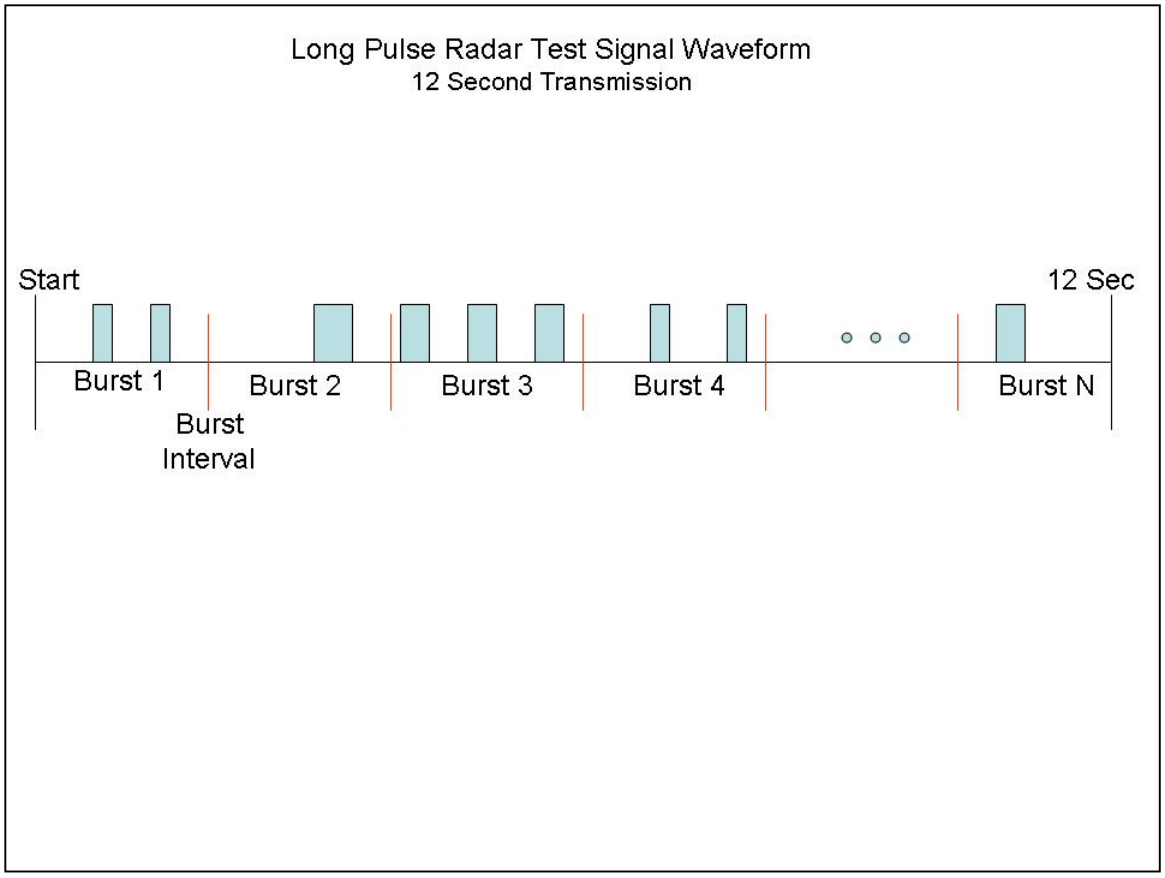
Each waveform is defined as follows:

1) The transmission period for the Long Pulse Radar test signal is 12 seconds.
2) There are a total of 8 to 20 Bursts in the 12 second period, with the number of Bursts being randomly chosen. This number is Burst_Count.
3) Each Burst consists of 1 to 3 pulses, with the number of pulses being randomly chosen. Each Burst within the 12 second sequence may have a different number of pulses.
4) The pulse width is between 50 and 100 microseconds, with the pulse width being randomly chosen. Each pulse within a Burst will have the same pulse width. Pulses in different Bursts may have different pulse widths.
5) Each pulse has a linear FM chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a Burst will have the same chirp width. Pulses in different Bursts may have different chirp widths. The chirp is centered on the pulse. For example, with a radar frequency of 5300 MHz and a 20 MHz chirped signal, the chirp starts at 5290 MHz and ends at 5310 MHz.
6) If more than one pulse is present in a Burst, the time between the pulses will be between 1000 and 2000 microseconds, with the time being randomly chosen. If three pulses are present in a Burst, the time between the first and second pulses is chosen independently of the time between the second and third pulses.
7) The 12 second transmission period is divided into even intervals. The number of intervals is equal to Burst_Count. Each interval is of length (12,000,000 / Burst_Count) microseconds. Each interval contains one Burst. The start time for the Burst, relative to the beginning of the interval, is between 1 and [(12,000,000 / Burst_Count) – (Total Burst Length) + (One Random PRI Interval)] microseconds, with the start time being randomly chosen. The step interval for the start time is 1 microsecond. The start time for each Burst is chosen independently.

A representative example of a Long Pulse radar test waveform:

1) The total test signal length is 12 seconds.
2) 8 Bursts are randomly generated for the Burst_Count.
3) Burst 1 has 2 randomly generated pulses.
4) The pulse width (for both pulses) is randomly selected to be 75 microseconds.
5) The PRI is randomly selected to be at 1213 microseconds.
6) Bursts 2 through 8 are generated using steps 3 – 5.
7) Each Burst is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, Burst 1 is randomly generated (1 to 1,500,000 minus the total Burst 1 length + 1 random PRI interval) at the 325,001 microsecond step. Bursts 2 through 8 randomly fall in successive 1,500,000 microsecond intervals (i.e. Burst 2 falls in the 1,500,001 – 3,000,000 microsecond range).

Graphical Representation of a Long Pulse radar Test Waveform



(3) Frequency Hopping Radar Test Signal

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

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[1] from the hopping sequence defined by the following algorithm:

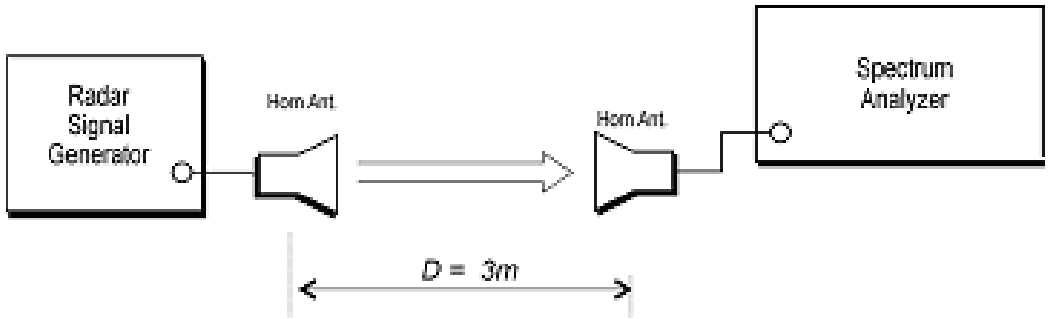
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues 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.

1.8. Radar Waveform Calibration

The following equipment setup was used to calibrate the radiated radar waveform. A spectrum analyzer was used to establish the test signal level for each radar type. During this process there were replace 50ohm terminal from 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 utilized. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3MHz and 3 MHz.

The signal generator amplitude was set so that the power level measured at the spectrum analyzer was -63dBm(-64dBm+1dB) due to the interference threshold level is not required.

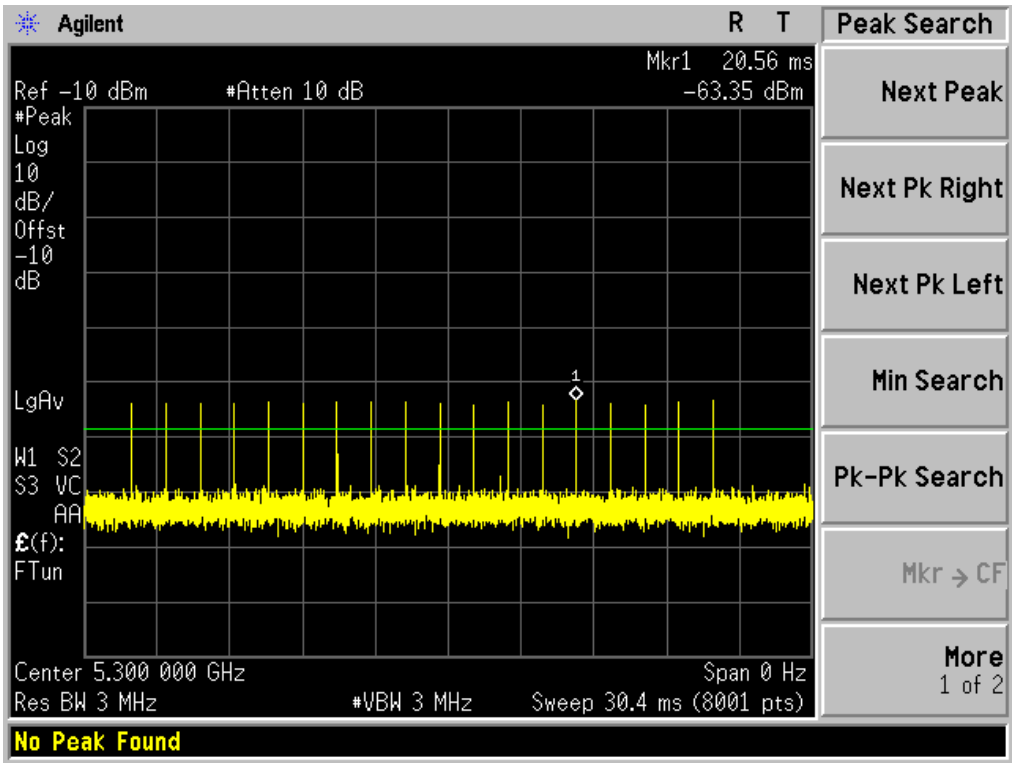
Radiated Calibration Setup



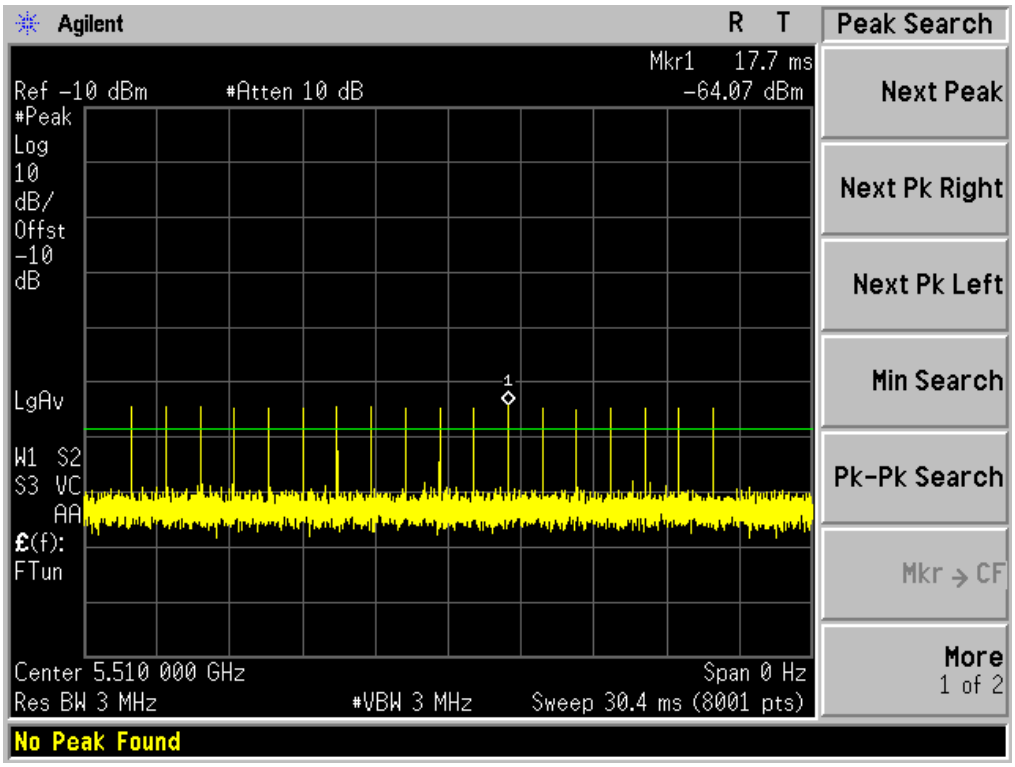
1.9. Radar Waveform Calibration Result

Radar Type 1 Calibration Plot

5300MHz

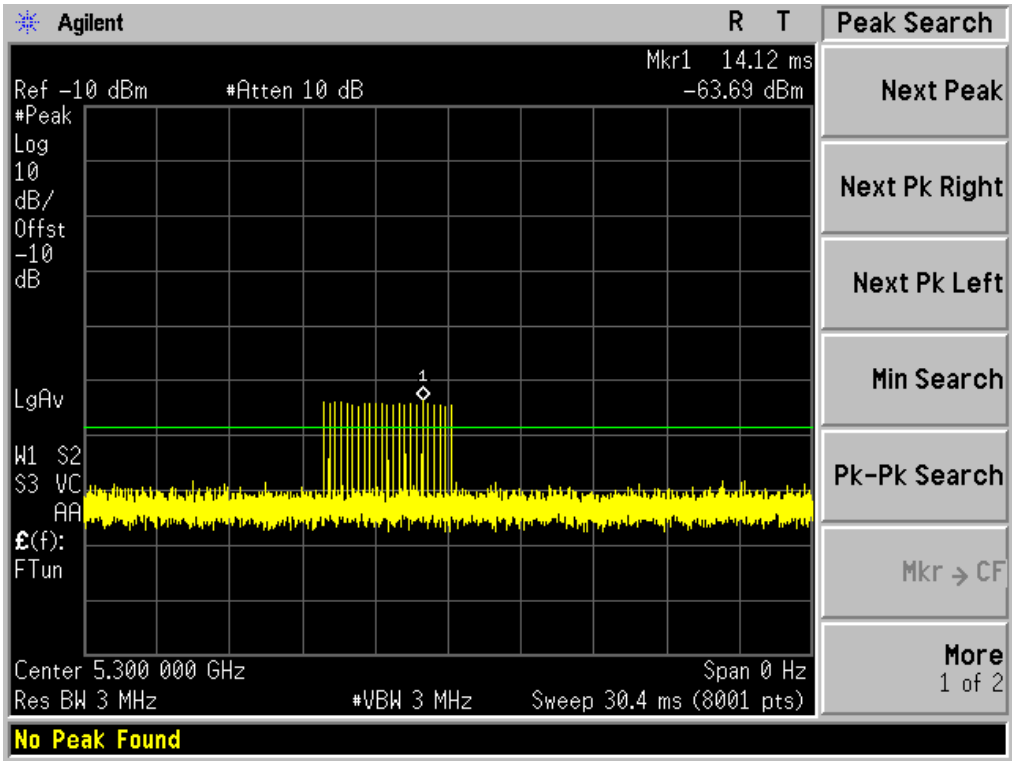


5510MHz

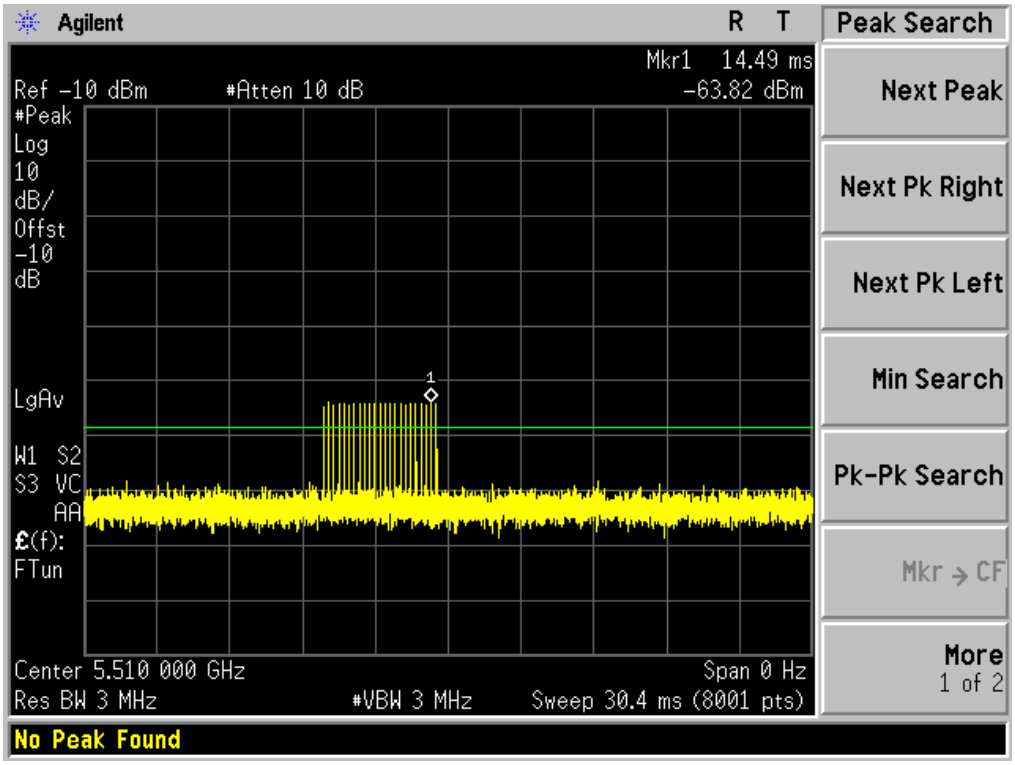


Radar Type 2 Calibration Plot

5300MHz

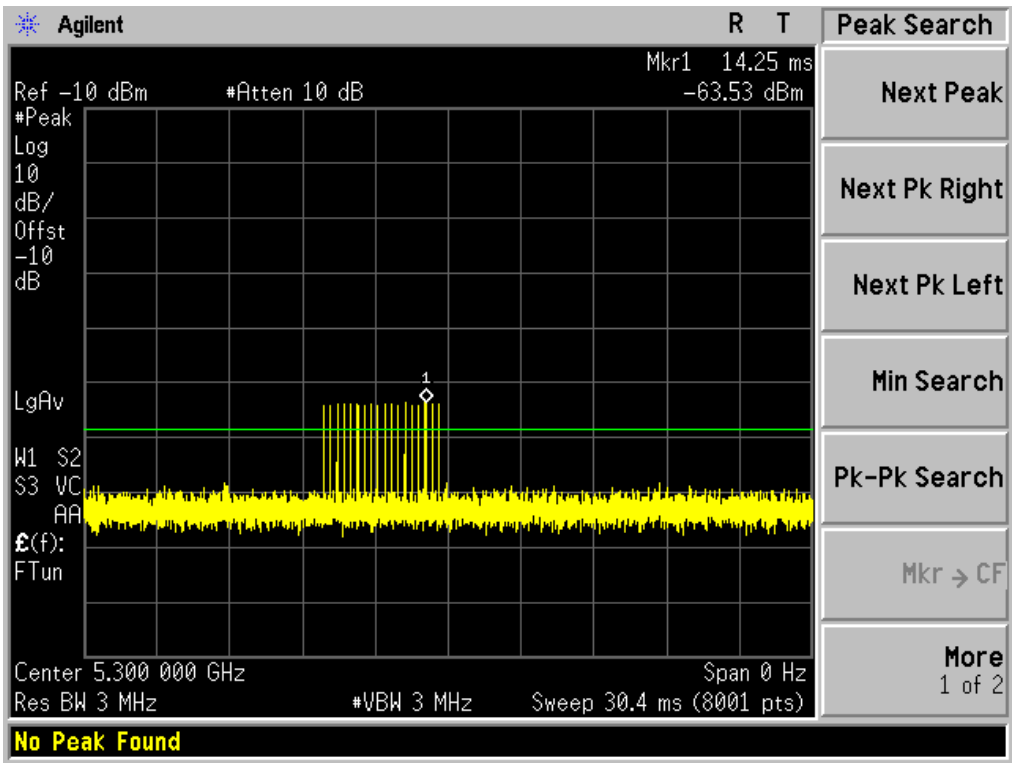


5510MHz

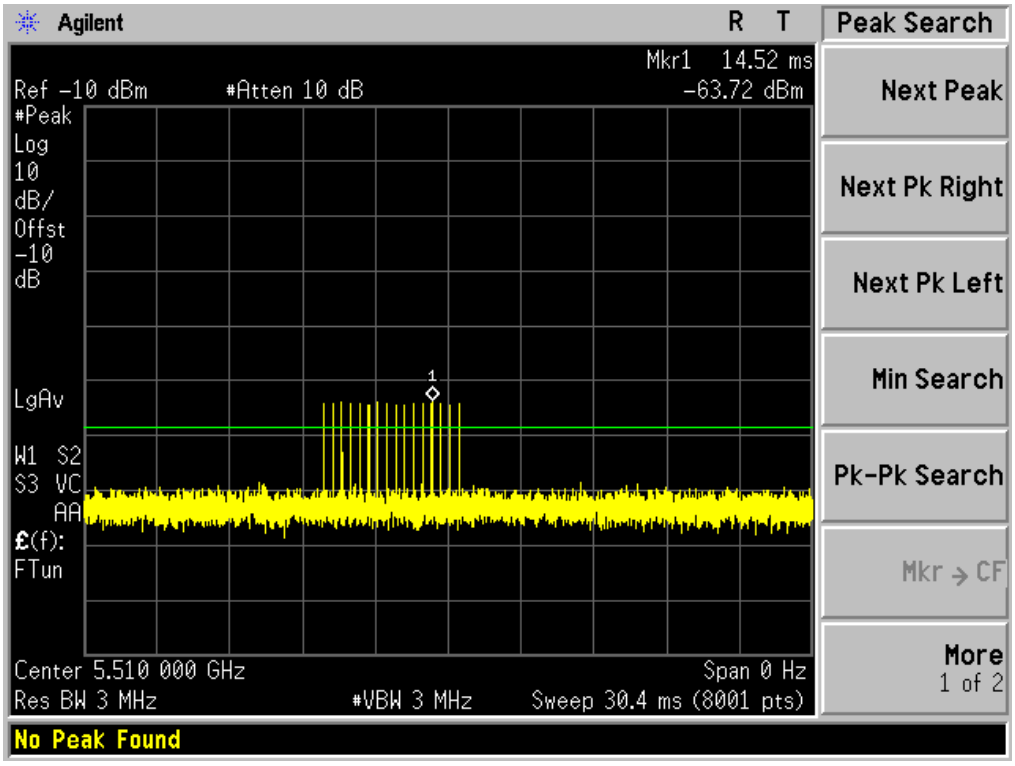


Radar Type 3 Calibration Plot

5300MHz

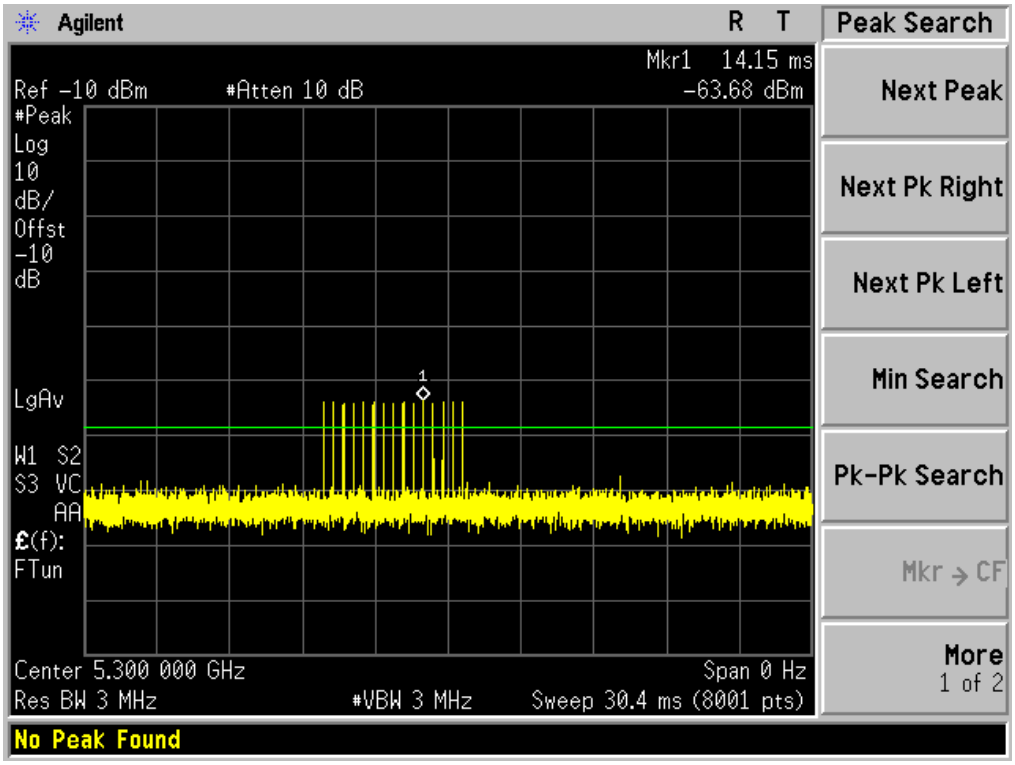


5510MHz

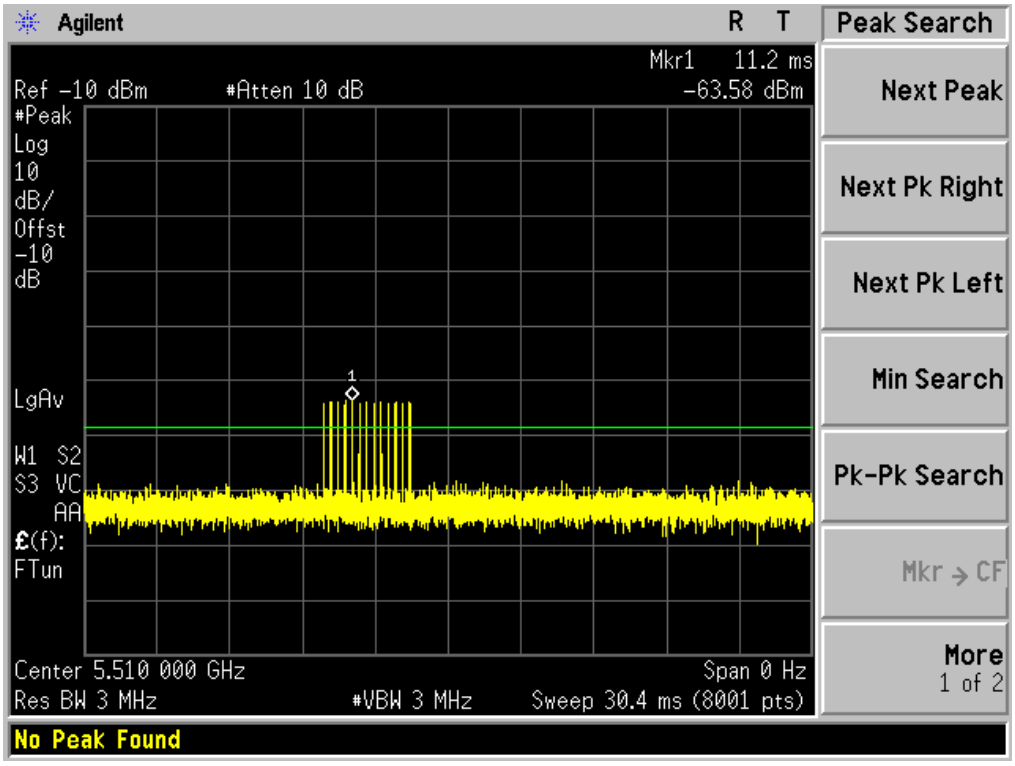


Radar Type 4 Calibration Plot

5300MHz

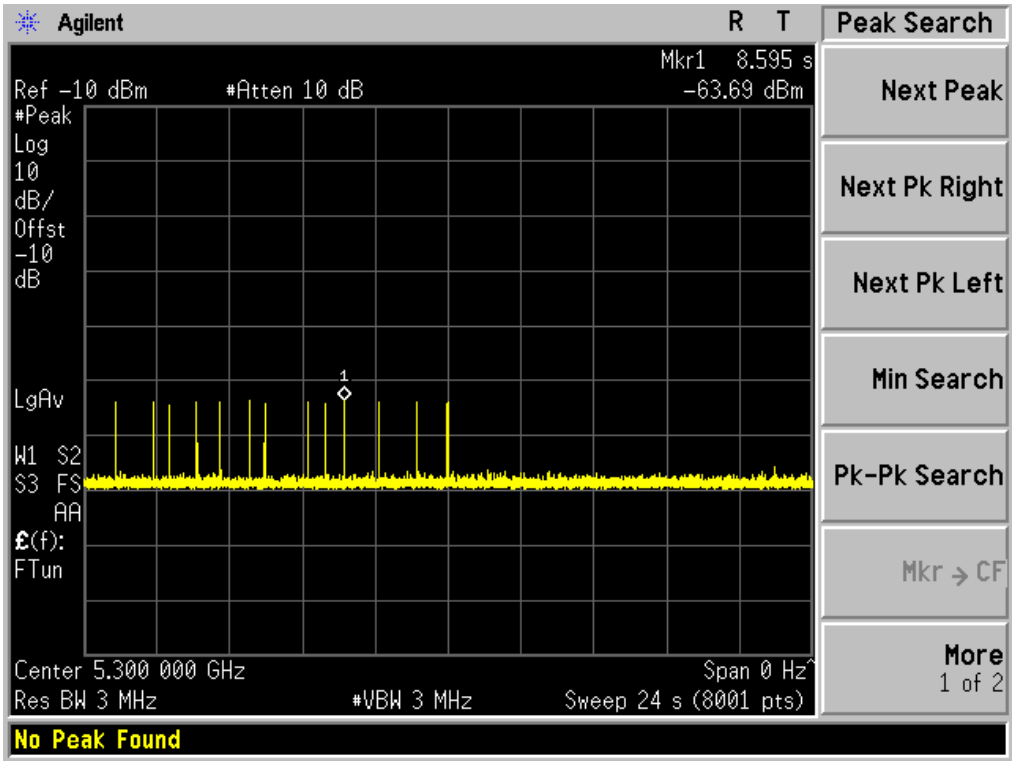


5510MHz

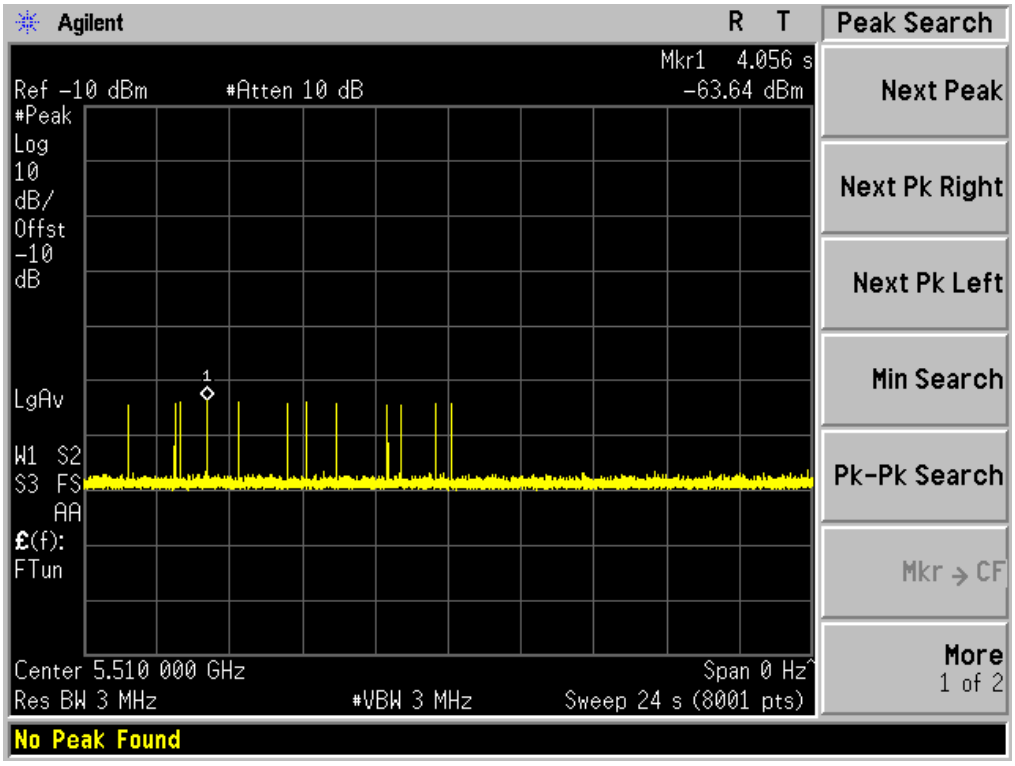


Radar Type 5 Calibration Plot

5300MHz

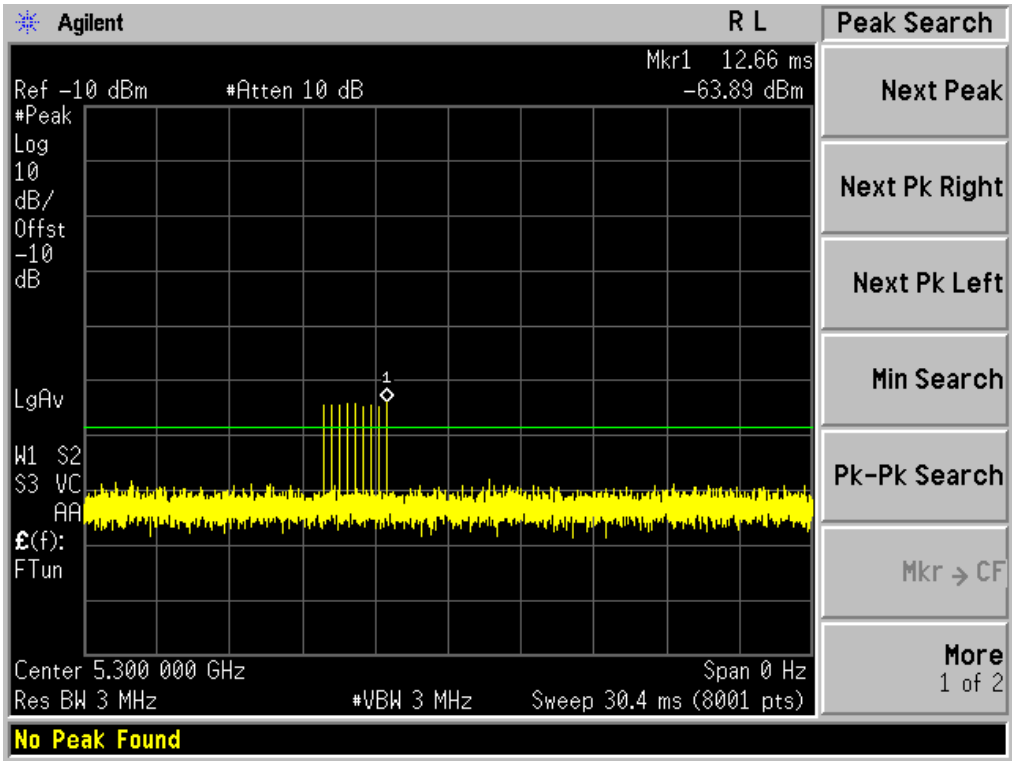


5510MHz

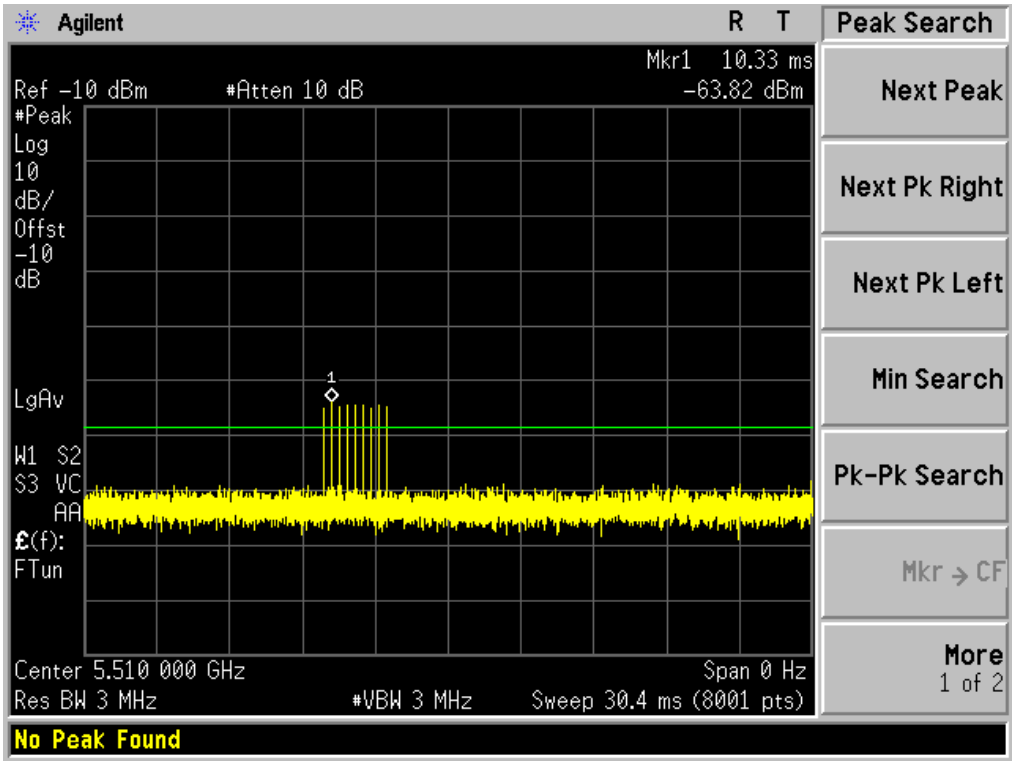


Radar Type 6 Calibration Plot

5300MHz



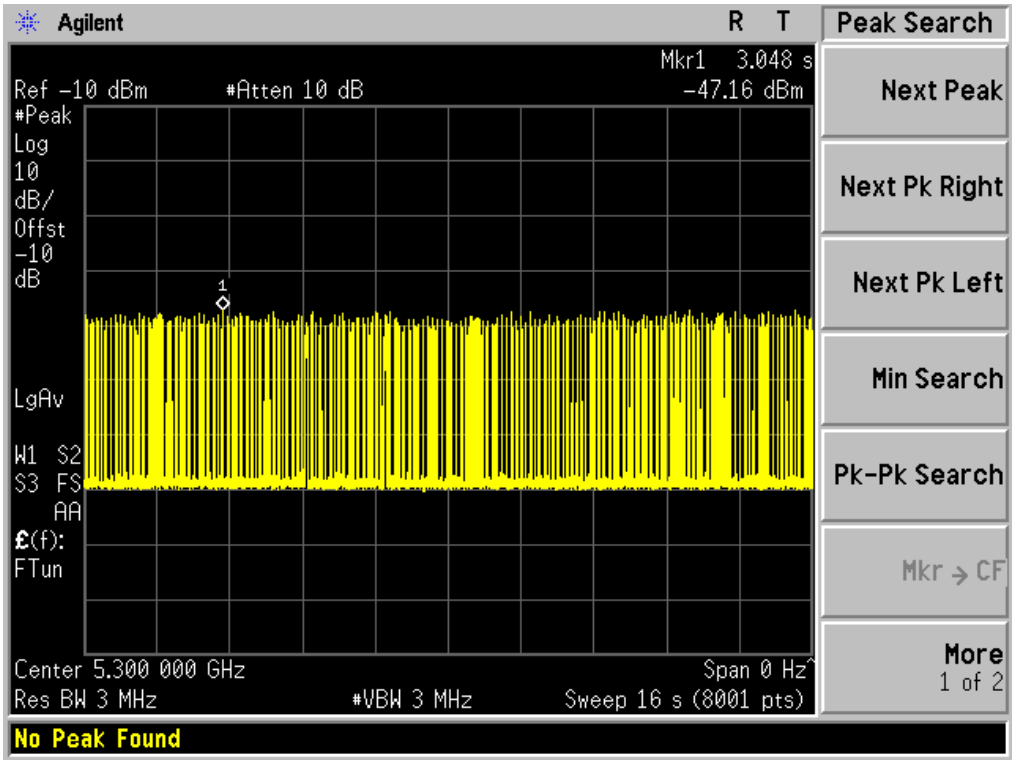
5510MHz



1.10. Master Data Traffic Plot Result

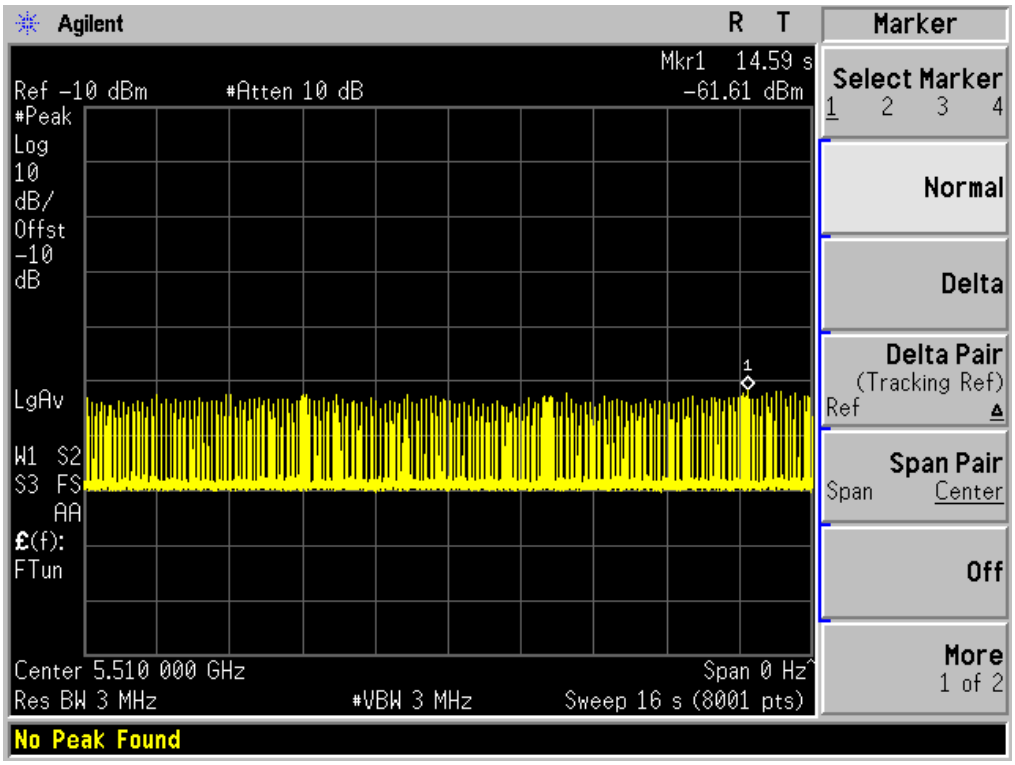
Plot of WLAN Traffic at Mode 1

5300MHz-20BW



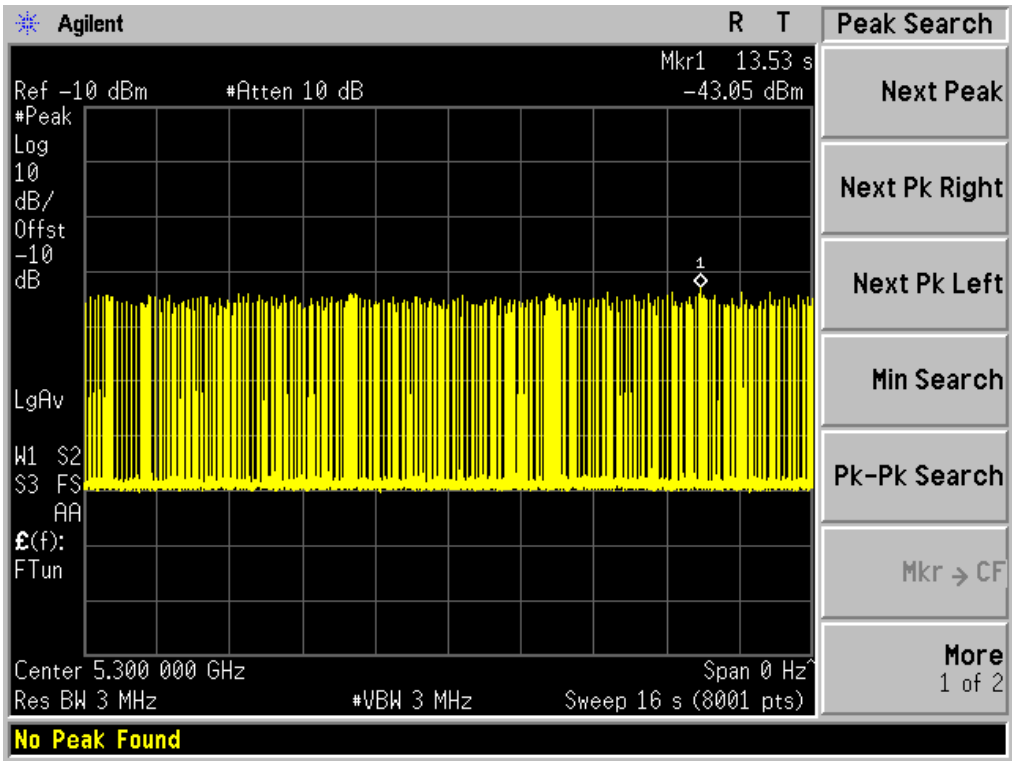
Plot of WLAN Traffic at Mode 2

5510MHz-40BW



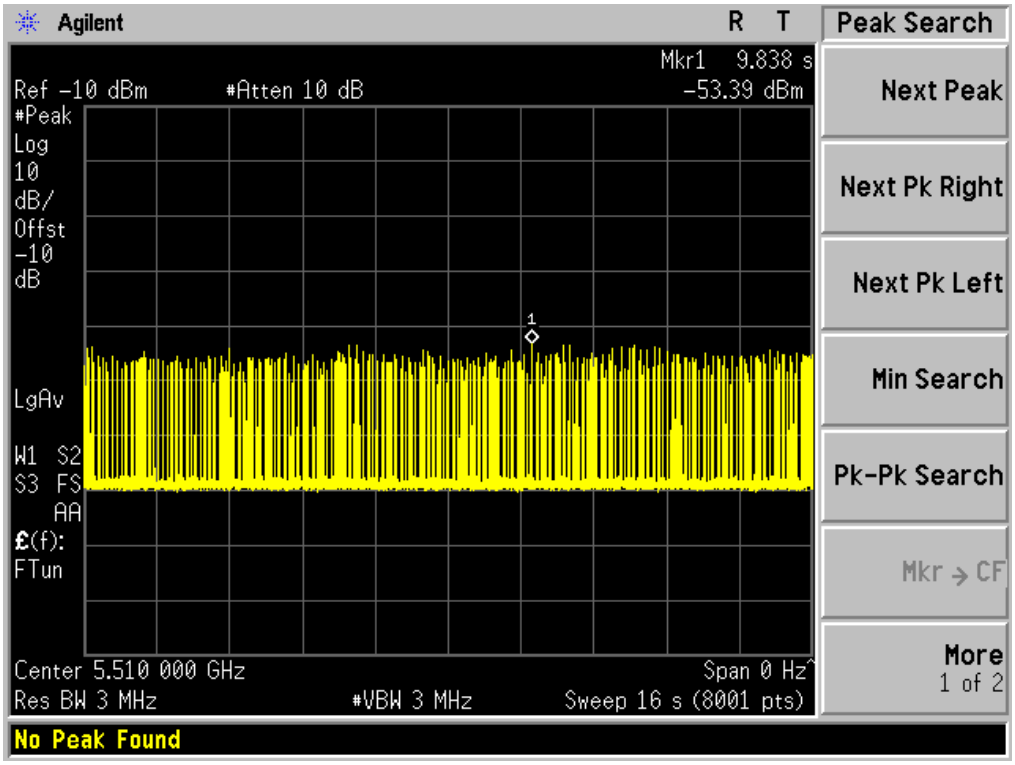
Plot of WLAN Traffic at Mode 3

5300MHz-20BW



Plot of WLAN Traffic at Mode 4

5510MHz-40BW



2. UNII Detection Bandwidth

2.1. Test Procedure

The generating equipment is configured as shown in the Conducted Test Setup above. A single *Burst* of the short pulse radar type 1 is produced at 5510MHz at a -63dBm level. The EUT is set up as a standalone device (no associated Client and no traffic).

A single radar Burst is generated for a minimum of 10 trials, and the response of the EUT is noted.

The EUT must detect the Radar Waveform 90% or more of the time. The radar frequency is increased in 1 MHz steps, repeating the above test sequence, until the detection rate falls below 90%. The highest frequency at which detection is greater than or equal to 90% is denoted as Fh.

The radar frequency is decreased in 1 MHz steps, repeating the above test sequence, until the detection rate falls below 90%. The lowest frequency at which detection is greater than or equal to 90% is denoted as Fl.

The U-NII Detection Bandwidth is calculated as follows:

U-NII Detection Bandwidth = $F_H – F_L$

The U-NII Detection Bandwidth must be at least 80% of the EUT transmitter power otherwise; the EUT does not comply with DFS requirements.

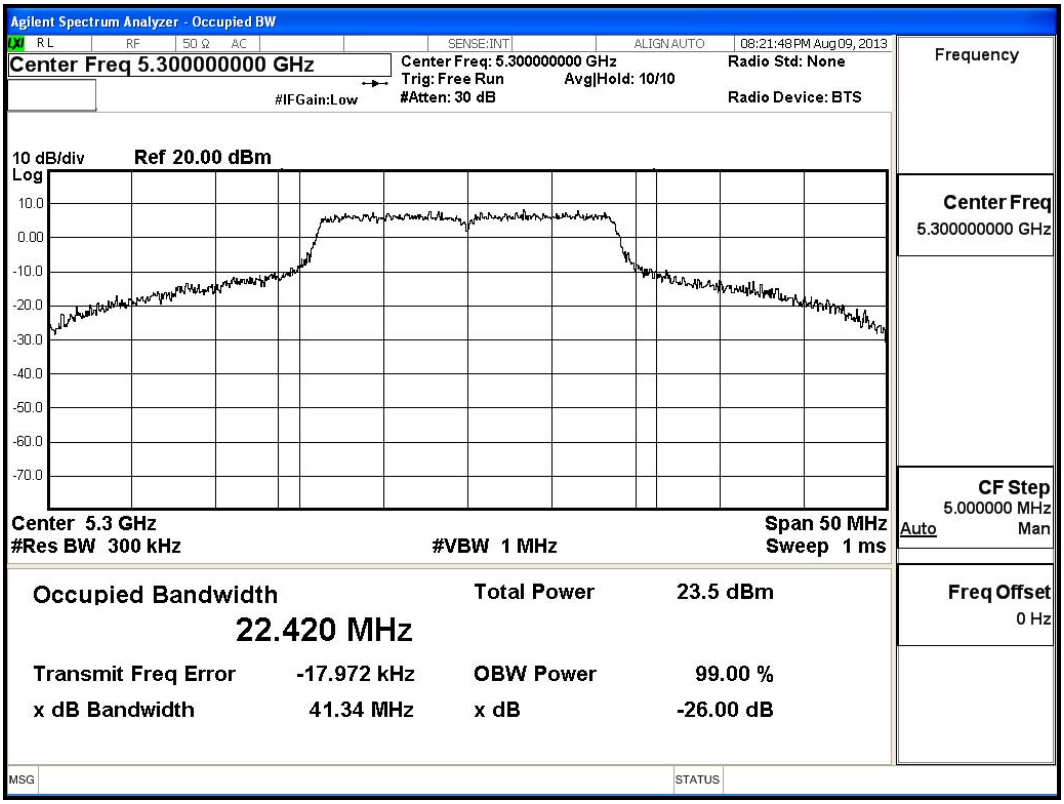
2.2. Test Requirement

All UNII 20 MHz channels for this device have identical Channel bandwidths. All UNII 40 MHz channels for this device also have identical Channel bandwidths. Therefore, all DFS testing was done at 5300MHz and 5510MHz.

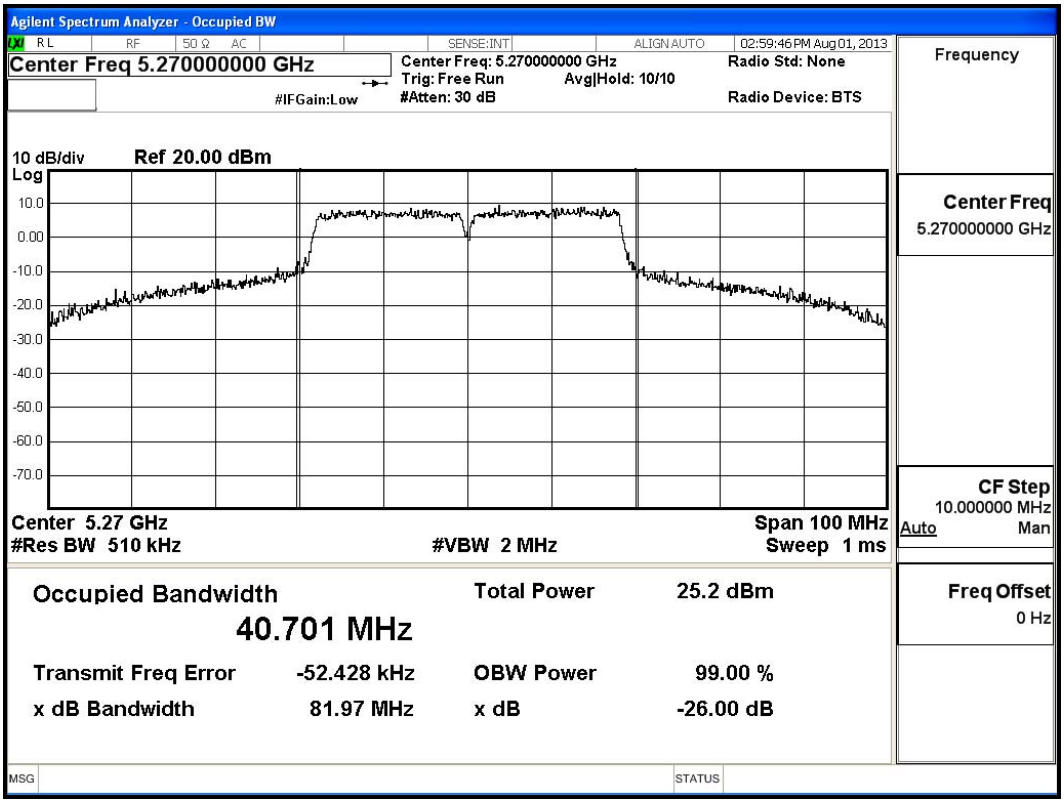
The 99% channel bandwidth for 20MHz signals is 22.42 MHz, and the 99% channel bandwidth for 40MHz signals is 40.701 MHz.

Plot of 99% channel bandwidth

5300MHz-20BW



5510MHz-40BW



2.3. Uncertainty

± 1ms.

2.4. Test Result of UNII Detection Bandwidth

Product : SpectraGuard® Access Point / Sensor
Test Item : UNII Detection Bandwidth
Radar Type : Type 1
Test Mode : Mode 1: Transmit (802.11n-20BW)_AR9350_2X2

Test Channel: 5300MHz (n-20BW)											
Radar Frequency	DFS Detection Trials (1= Detection, 0= No Detection)										Detection Rate
(MHz)	1	2	3	4	5	6	7	8	9	10	(%)
5290	0	0	0	0	0	0	0	0	0	0	0
5291 (Fl)	1	1	1	1	1	1	1	1	1	1	100
5292	1	1	1	1	1	1	1	1	1	1	100
5293	1	1	1	1	1	1	1	1	1	1	100
5294	1	1	1	1	1	1	1	1	1	1	100
5295	1	1	1	1	1	1	1	1	1	1	100
5296	1	1	1	1	1	1	1	1	1	1	100
5297	1	1	1	1	1	1	1	1	1	1	100
5298	1	1	1	1	1	1	1	1	1	1	100
5299	1	1	1	1	1	1	1	1	1	1	100
5300	1	1	1	1	1	1	1	1	1	1	100
5301	1	1	1	1	1	1	1	1	1	1	100
5302	1	1	1	1	1	1	1	1	1	1	100
5303	1	1	1	1	1	1	1	1	1	1	100
5304	1	1	1	1	1	1	1	1	1	1	100
5305	1	1	1	1	1	1	1	1	1	1	100
5306	1	1	1	1	1	1	1	1	1	1	100
5307	1	1	1	1	1	1	1	1	1	1	100
5308	1	1	1	1	1	1	1	1	1	1	100
5309 (Fh)	1	1	1	1	1	1	1	1	1	1	100
5310	0	0	0	0	0	0	0	0	0	0	0
Detection Bandwidth = FH - FL = 5309MHz - 5291MHz = 18MHz											
EUT 99% Bandwidth = 22.42MHz											
UNII Detection Bandwidth Min. Limit = 22.42MHz X 80% = 17.936MHz											

Product : SpectraGuard® Access Point / Sensor
Test Item : UNII Detection Bandwidth
Radar Type : Type 1
Test Mode : Mode 2: Transmit (802.11n-40BW)_AR9350_2X2

Test Channel: 5510MHz (n-40BW)											
Radar Frequency	DFS Detection Trials (1= Detection, 0= No Detection)										Detection Rate
(MHz)	1	2	3	4	5	6	7	8	9	10	(%)
5490	1	1	1	0	0	0	1	1	1	0	60
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
5496	1	1	1	1	1	1	1	1	1	1	100
5497	1	1	1	1	1	1	1	1	1	1	100
5498	1	1	1	1	1	1	1	1	1	1	100
5499	1	1	1	1	1	1	1	1	1	1	100
5500	1	1	1	1	1	1	1	1	1	1	100
5501	1	1	1	1	1	1	1	1	1	1	100
5502	1	1	1	1	1	1	1	1	1	1	100
5503	1	1	1	1	1	1	1	1	1	1	100
5504	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	1	1	1	1	1	1	1	1	1	1	100
5510	1	1	1	1	1	1	1	1	1	1	100
5511	1	1	1	1	1	1	1	1	1	1	100
5512	1	1	1	1	1	1	1	1	1	1	100
5513	1	1	1	1	1	1	1	1	1	1	100
5514	1	1	1	1	1	1	1	1	1	1	100
5515	1	1	1	1	1	1	1	1	1	1	100
5516	1	1	1	1	1	1	1	1	1	1	100

5517	1	1	1	1	1	1	1	1	1	1	100
5518	1	1	1	1	1	1	1	1	1	1	100
5519	1	1	1	1	1	1	1	1	1	1	100
5520	1	1	1	1	1	1	1	1	1	1	100
5521	1	1	1	1	1	1	1	1	1	1	100
5522	1	1	1	1	1	1	1	1	1	1	100
5523	1	1	1	1	1	1	1	1	1	1	100
5524	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	1	0	0	1	1	0	1	1	1	0	60
Detection Bandwidth = FH - FL = 5491MHz - 5529MHz = 38MHz											
EUT 99% Bandwidth = 40.701MHz											
UNII Detection Bandwidth Min. Limit = 40.701MHz X 80% = 32.56MHz											

Product : SpectraGuard® Access Point / Sensor
Test Item : UNII Detection Bandwidth
Radar Type : Type 1
Test Mode : Mode 3: Transmit (802.11n-20BW)_AR9590_3X3

Test Channel: 5300MHz (n-20BW)											
Radar Frequency	**DFS Detection Trials (1= Detection, 0= No Detection)**										**Detection Rate**
(MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**(%)**
5290	1	1	1	0	0	0	1	1	1	0	60
5291 (Fl)	1	1	1	1	1	1	1	1	1	1	100
5292	1	1	1	1	1	1	1	1	1	1	100
5293	1	1	1	1	1	1	1	1	1	1	100
5294	1	1		1	1	1	1	1	1	1	100
5295	1	1	1	1	1	1	1	1	1	1	100
5296	1	1	1	1	1	1	1	1	1	1	100
5297	1	1	1	1	1	1	1	1	1	1	100
5298	1	1	1	1	1	1	1	1	1	1	100
5299	1	1	1	1	1	1	1	1	1	1	100
5300	1	1	1	1	1	1	1	1	1	1	100
5301	1	1	1	1	1	1	1	1	1	1	100
5302	1	1	1	1	1	1	1	1	1	1	100
5303	1	1	1	1	1	1	1	1	1	1	100
5304	1	1	1	1	1	1	1	1	1	1	100
5305	1	1	1	1	1	1	1	1	1	1	100
5306	1	1	1	1	1	1	1	1	1	1	100
5307	1	1	1	1	1	1	1	1	1	1	100
5308	1	1	1	1	1	1	1	1	1	1	100
5309 (Fh)	1	1	1	1	1	1	1	1	1	1	100
5310	1	0	0	1	1	0	1	1	1	0	60
Detection Bandwidth = FH - FL = 5309MHz - 5291MHz = 18MHz											
EUT 99% Bandwidth = 22.42MHz											
UNII Detection Bandwidth Min. Limit = 22.42MHz X 80% = 17.936MHz											

Product : SpectraGuard® Access Point / Sensor
Test Item : UNII Detection Bandwidth
Radar Type : Type 1
Test Mode : Mode 4: Transmit (802.11n-40BW)_AR9590_3X3

Test Channel: 5510MHz (n-40BW)											
Radar Frequency	DFS Detection Trials (1= Detection, 0= No Detection)										Detection Rate
(MHz)	1	2	3	4	5	6	7	8	9	10	(%)
5490	1	1	1	0	0	0	1	1	1	0	60
5491 (FI)	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
5496	1	1	1	1	1	1	1	1	1	1	100
5497	1	1	1	1	1	1	1	1	1	1	100
5498	1	1	1	1	1	1	1	1	1	1	100
5499	1	1	1	1	1	1	1	1	1	1	100
5500	1	1	1	1	1	1	1	1	1	1	100
5501	1	1	1	1	1	1	1	1	1	1	100
5502	1	1	1	1	1	1	1	1	1	1	100
5503	1	1	1	1	1	1	1	1	1	1	100
5504	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	1	1	1	1	1	1	1	1	1	1	100
5510	1	1	1	1	1	1	1	1	1	1	100
5511	1	1	1	1	1	1	1	1	1	1	100
5512	1	1	1	1	1	1	1	1	1	1	100
5513	1	1	1	1	1	1	1	1	1	1	100
5514	1	1	1	1	1	1	1	1	1	1	100
5515	1	1	1	1	1	1	1	1	1	1	100
5516	1	1	1	1	1	1	1	1	1	1	100

5517	1	1	1	1	1	1	1	1	1	1	100
5518	1	1	1	1	1	1	1	1	1	1	100
5519	1	1	1	1	1	1	1	1	1	1	100
5520	1	1	1	1	1	1	1	1	1	1	100
5521	1	1	1	1	1	1	1	1	1	1	100
5522	1	1	1	1	1	1	1	1	1	1	100
5523	1	1	1	1	1	1	1	1	1	1	100
5524	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	1	0	0	1	1	0	1	1	1	0	60
Detection Bandwidth = FH - FL = 5491MHz - 5529MHz = 38MHz											
EUT 99% Bandwidth = 40.701MHz											
UNII Detection Bandwidth Min. Limit = 40.701MHz X 80% = 32.56MHz											

3. Initial Channel Availability Check Time

3.1. Test Procedure

The U-NII device is powered on and instructed to operate at 5300MHz and 5510MHz. At the same time the UUT is powered on, the spectrum analyzer is set to zero span mode with a 3 MHz resolution bandwidth at 5300Mhz and 5510MHz with a 2.5minute sweep time. The analyzer's sweep will be started the same time power is applied to the U-NII device.

The EUT should not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle.

The initial power up time of the EUT is indicated by marker1 in the plot, Initial beacons/data transmissions are indicated by marker 1R.

3.2. Test Requirement

The EUT shall perform a channel availability check to ensure that there is no radar operation on the channel, after power-up sequence, receiver at least 1 minute on the intended operation frequency.

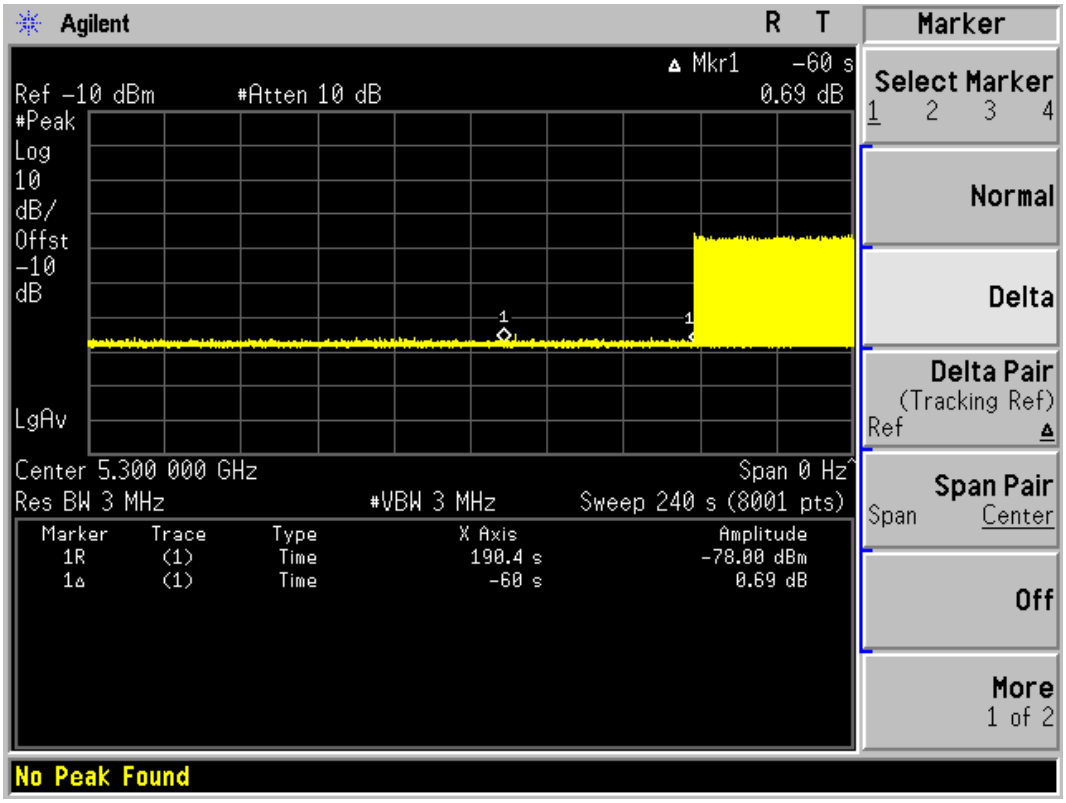
3.3. Uncertainty

± 1ms.

3.4. Test Result of Initial Channel Availability Check Time

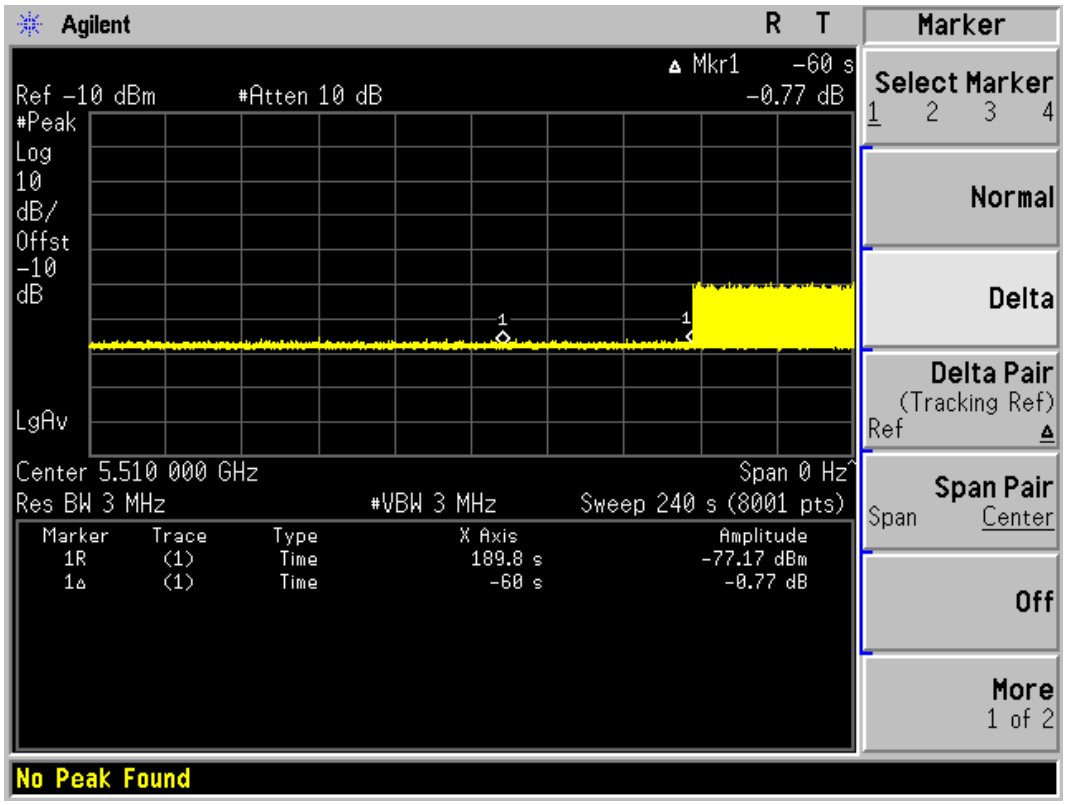
Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Initial Channel Availability Check Time
Radar Type	:	Type 1
Test Mode	:	Mode 1: Transmit (802.11n-20BW)_AR9350_2X2
Test Freq.	:	5300MHz

The EUT does not transmit any beacon or data transmission until at least 1 minute after the completion of the power-on cycle (130.4sec). The initial power up time of the EUT is indicated by Marker 1R (190.4 sec) – CAC (60 sec). Initial beacons/data transmission are indicated by Marker 1R (190.4 sec)



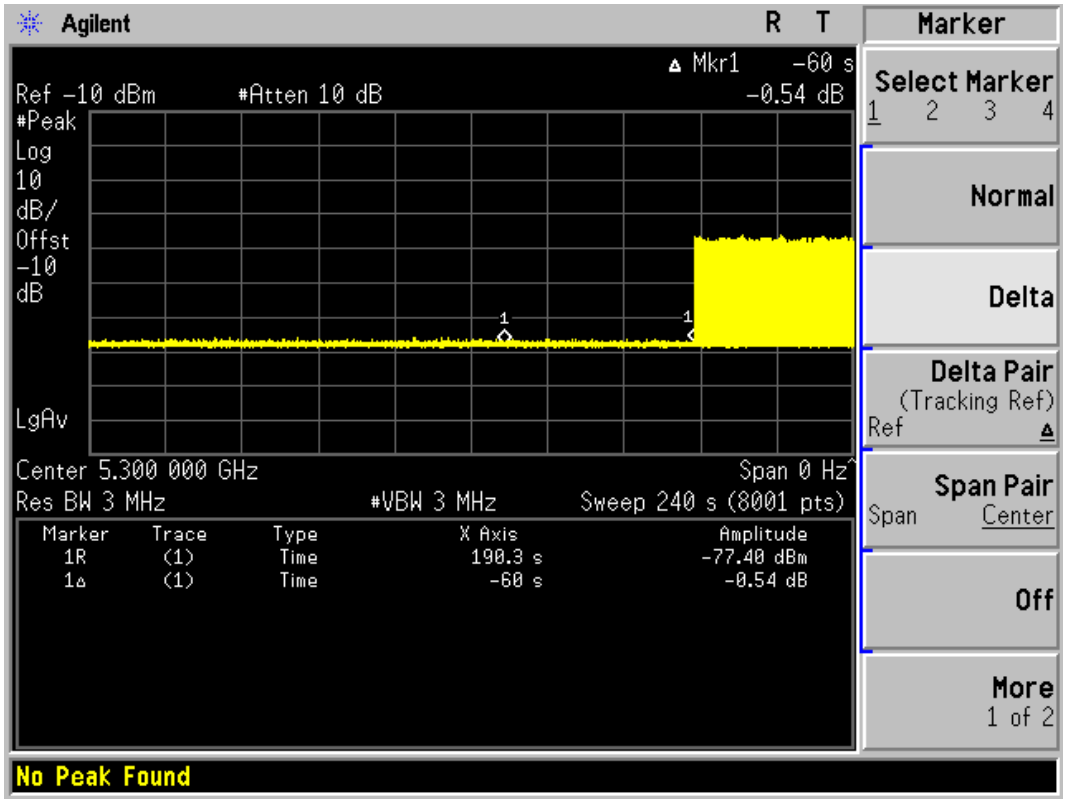
Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Initial Channel Availability Check Time
Radar Type	:	Type 1
Test Mode	:	Mode 2: Transmit (802.11n-40BW)_AR9350_2X2
Test Freq.	:	5510MHz

The EUT does not transmit any beacon or data transmission until at least 1 minute after the completion of the power-on cycle (129.8sec). The initial power up time of the EUT is indicated by Marker 1R (189.8 sec) – CAC (60 sec). Initial beacons/data transmission are indicated by Marker 1R (189.8 sec)



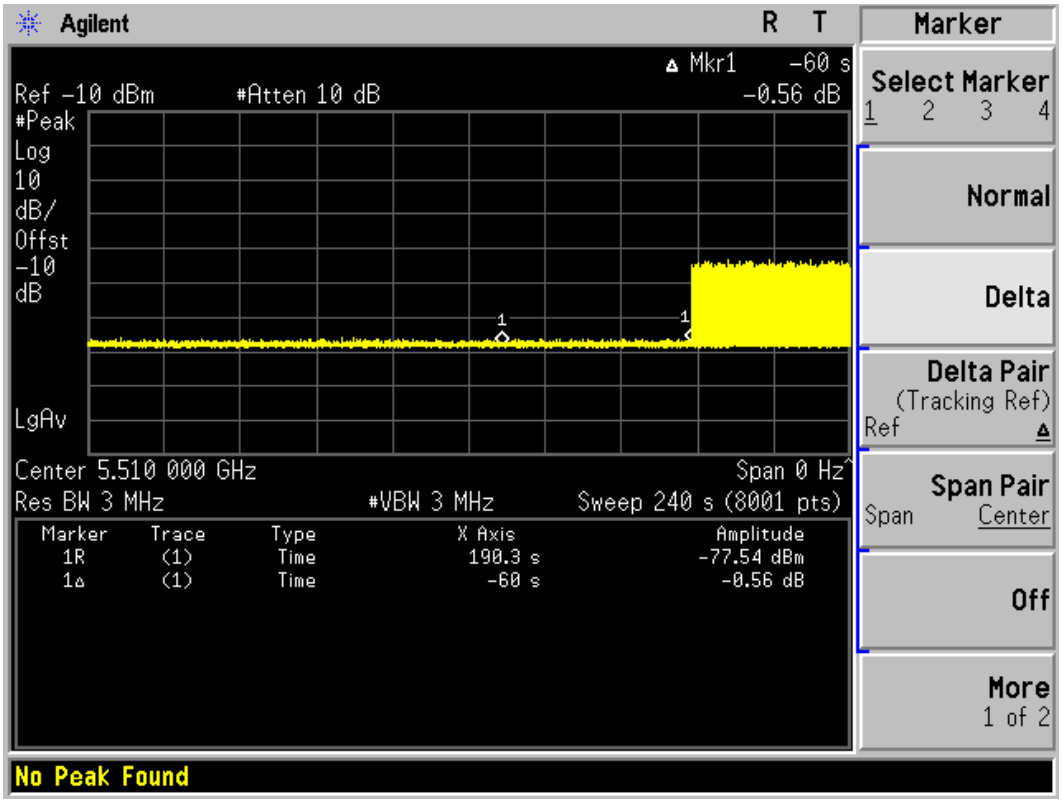
Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Initial Channel Availability Check Time
Radar Type	:	Type 1
Test Mode	:	Mode 3: Transmit (802.11n-20BW)_AR9590_3X3
Test Freq.	:	5300MHz

The EUT does not transmit any beacon or data transmission until at least 1 minute after the completion of the power-on cycle (130.3sec). The initial power up time of the EUT is indicated by Marker 1R (190.3 sec) – CAC (60 sec). Initial beacons/data transmission are indicated by Marker 1R (190.3 sec)



Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Initial Channel Availability Check Time
Radar Type	:	Type 1
Test Mode	:	Mode 4: Transmit (802.11n-40BW)_AR9590_3X3
Test Freq.	:	5510MHz

The EUT does not transmit any beacon or data transmission until at least 1 minute after the completion of the power-on cycle (130.3sec). The initial power up time of the EUT is indicated by Marker 1R (190.3 sec) – CAC (60 sec). Initial beacons/data transmission are indicated by Marker 1R (190.3 sec)



4. Radar Burst at the Beginning of the Channel Availability Check Time

4.1. Test Procedure

The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1 dB (-63dBm) occurs at the beginning of the Channel Availability Check Time.

The EUT is powered on at T0. T1 denotes the instant when the EUT has completed its power-up sequence. The Channel Availability Check Time commences at instant T_1 and will end no sooner than T1 + 60 seconds.

A single Burst of short pulse of radar type 1 at -63 dBm will commence within a 6 second window starting at T1.

Visual indication on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of emissions at 5300MHz and 5510MHz will continue for 2.5 minutes after the radar Burst, Verify that during the 2.5minute measurement window no EUT transmissions occurred at 5300MHz and 5510MHz.

4.2. Test Requirement

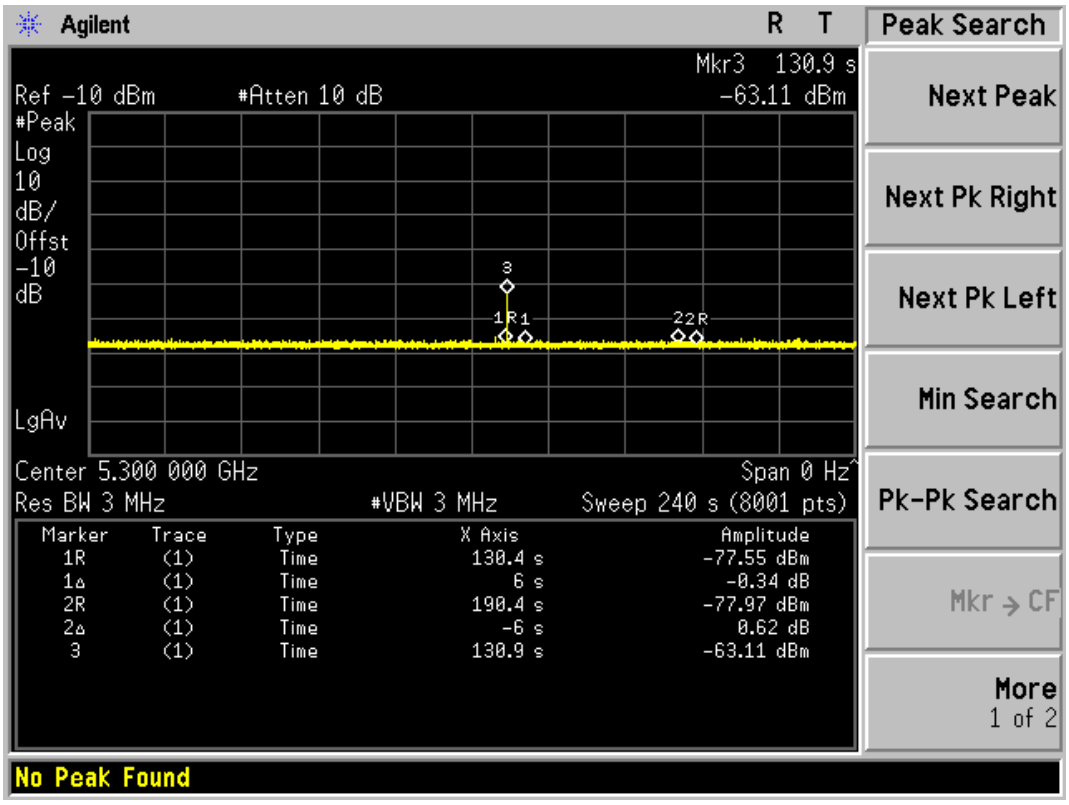
In beginning of the Channel Availability Check (CAC) Time, radar is detected on this channel, select another intended channel and perform a CAC that channel.

4.3. Uncertainty

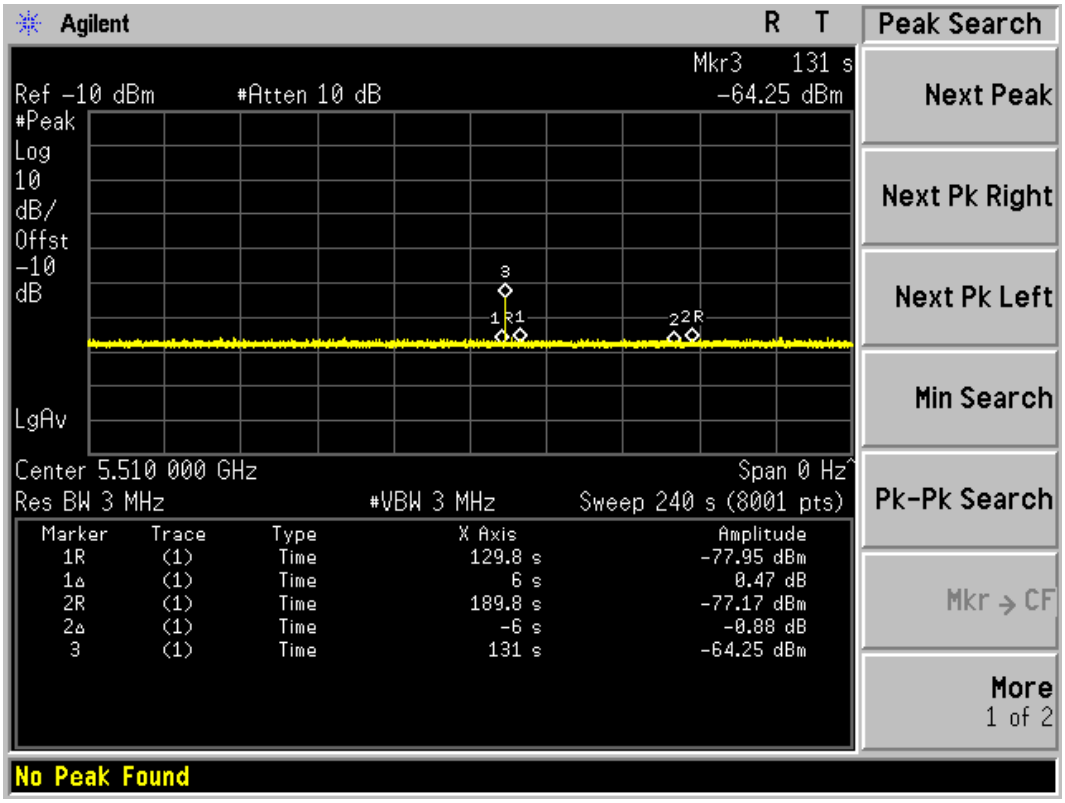
± 1ms.

4.4. Test Result of Radar Burst at the Beginning of the Channel Availability Check Time

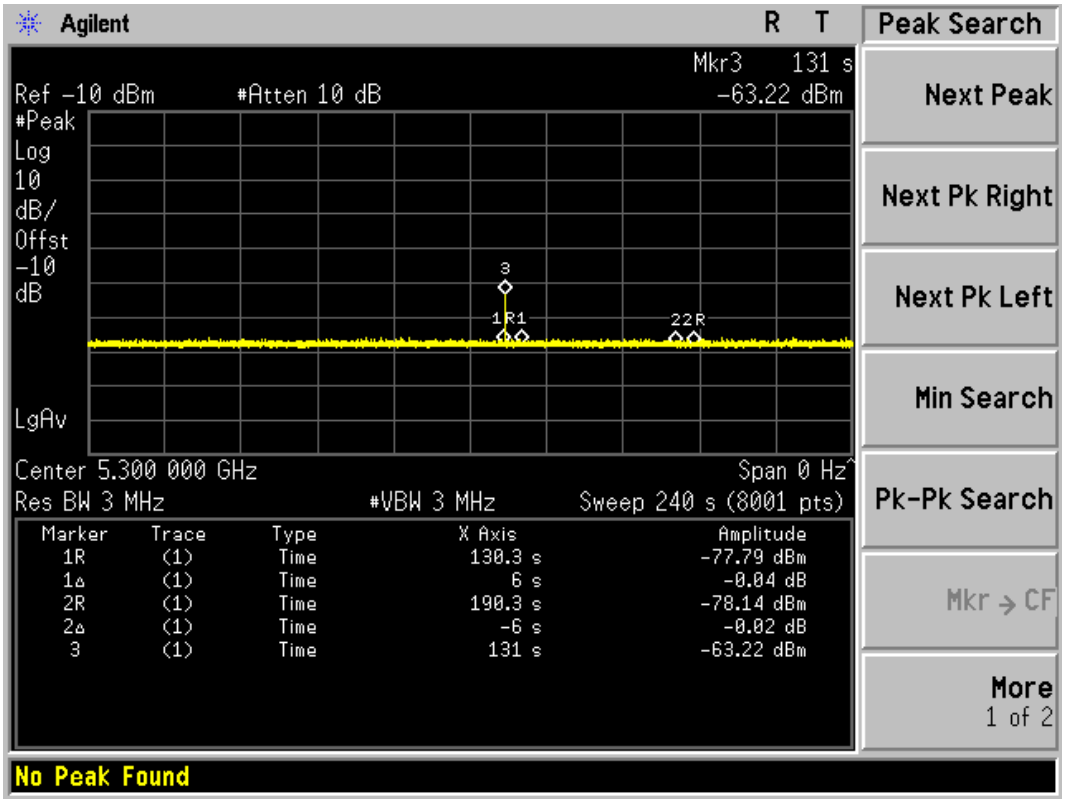
Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Radar Burst at the Beginning of the Channel Availability Check Time
Radar Type	:	Type 1
Test Mode	:	Mode 1: Transmit (802.11n-20BW)_AR9350_2X2
Test Freq.	:	5300MHz



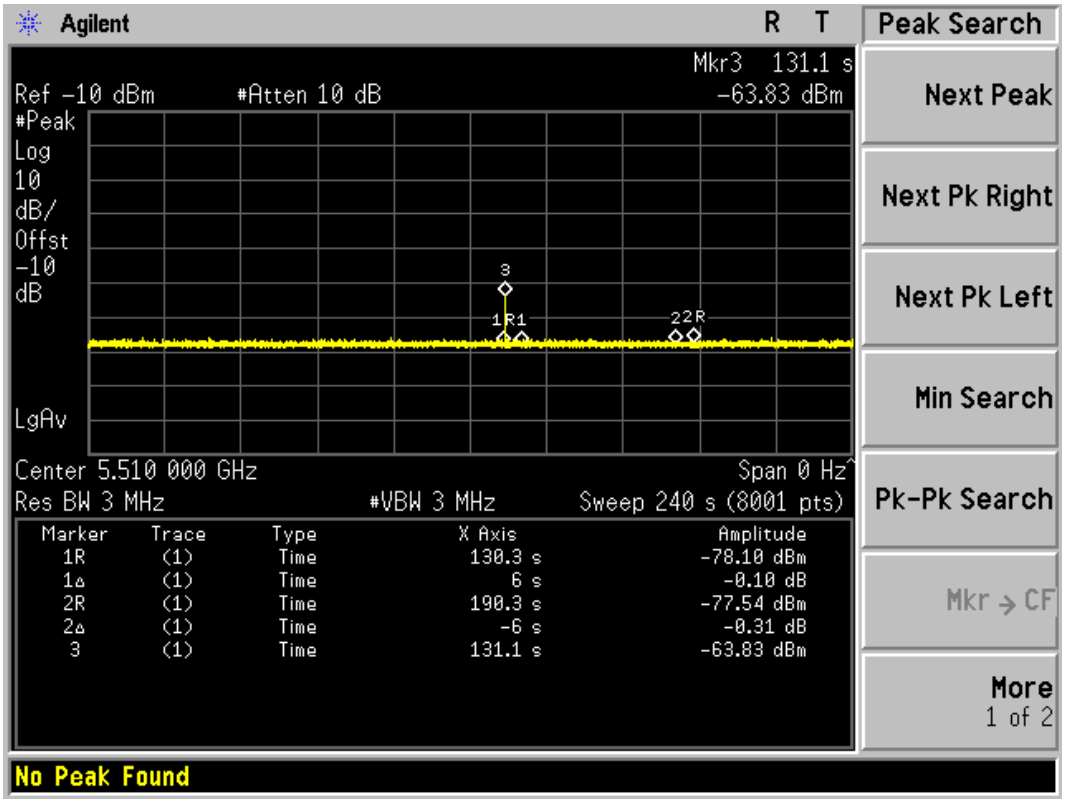
Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Radar Burst at the Beginning of the Channel Availability Check Time
Radar Type	:	Type 1
Test Mode	:	Mode 2: Transmit (802.11n-40BW)_AR9350_2X2
Test Freq.	:	5510MHz



Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Radar Burst at the Beginning of the Channel Availability Check Time
Radar Type	:	Type 1
Test Mode	:	Mode 3: Transmit (802.11n-20BW)_AR9590_3X3
Test Freq.	:	5300MHz



Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Radar Burst at the Beginning of the Channel Availability Check Time
Radar Type	:	Type 1
Test Mode	:	Mode 4: Transmit (802.11n-40BW)_AR9590_3X3
Test Freq.	:	5510MHz



5. Radar Burst at the End of the Channel Availability Check Time

5.1. Test Procedure

The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1 dB (-63dBm) occurs at the end of the Channel Availability Check Time.

The UUT is powered on at T_0. T_1 denotes the instant when the UUT has completed its power-up sequence. The Channel Availability Check Time commences at instant T1 and will end no sooner than T_1 + 60 seconds. A single Burst of short pulse of radar type 1 at -63dBm will commence within a 6 second window starting at T_1+ 54 seconds.

Visual indication on the UUT of successful detection of the radar Burst will be recorded and reported. Observation of emissions at 5300MHz and 5510MHz will continue for 2.5 minutes after the radar Burst has been generated.

Verify that during the 2.5minute measurement window no UUT transmissions occurred at 5300MHz and 5510MHz.

5.2. Test Requirement

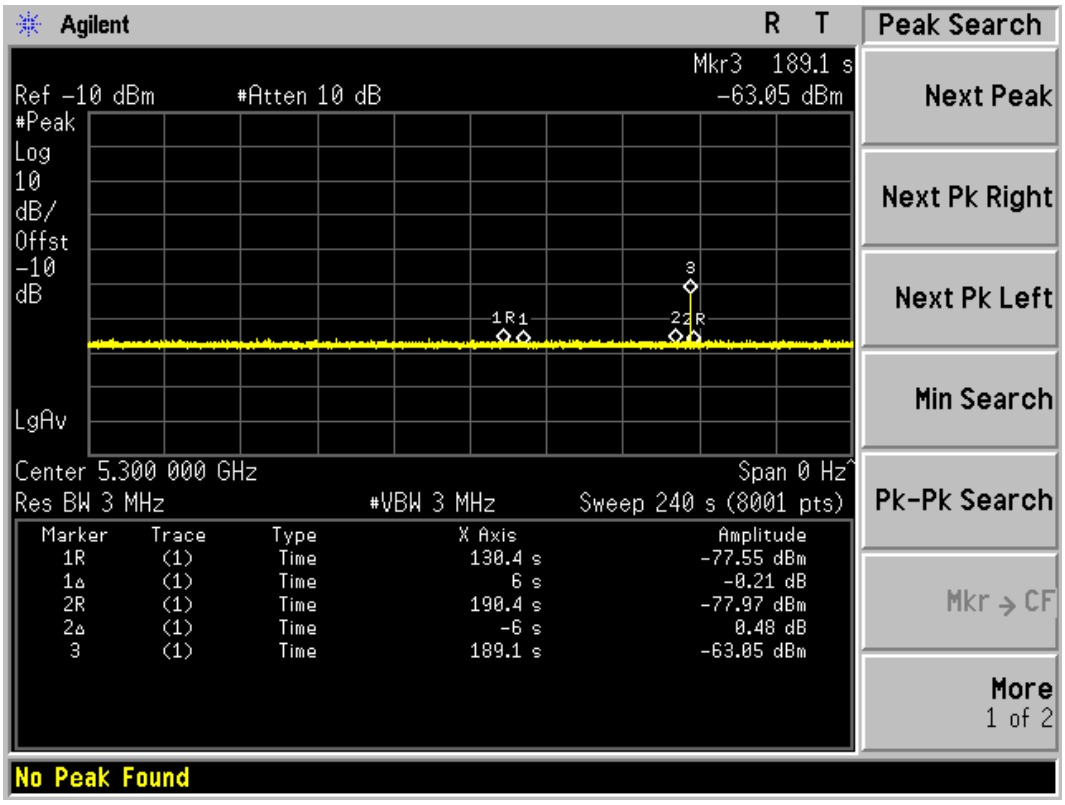
In the end of Channel Availability Check (CAC) Time, radar is detected on this channel, select another intended channel and perform a CAC that channel.

5.3. Uncertainty

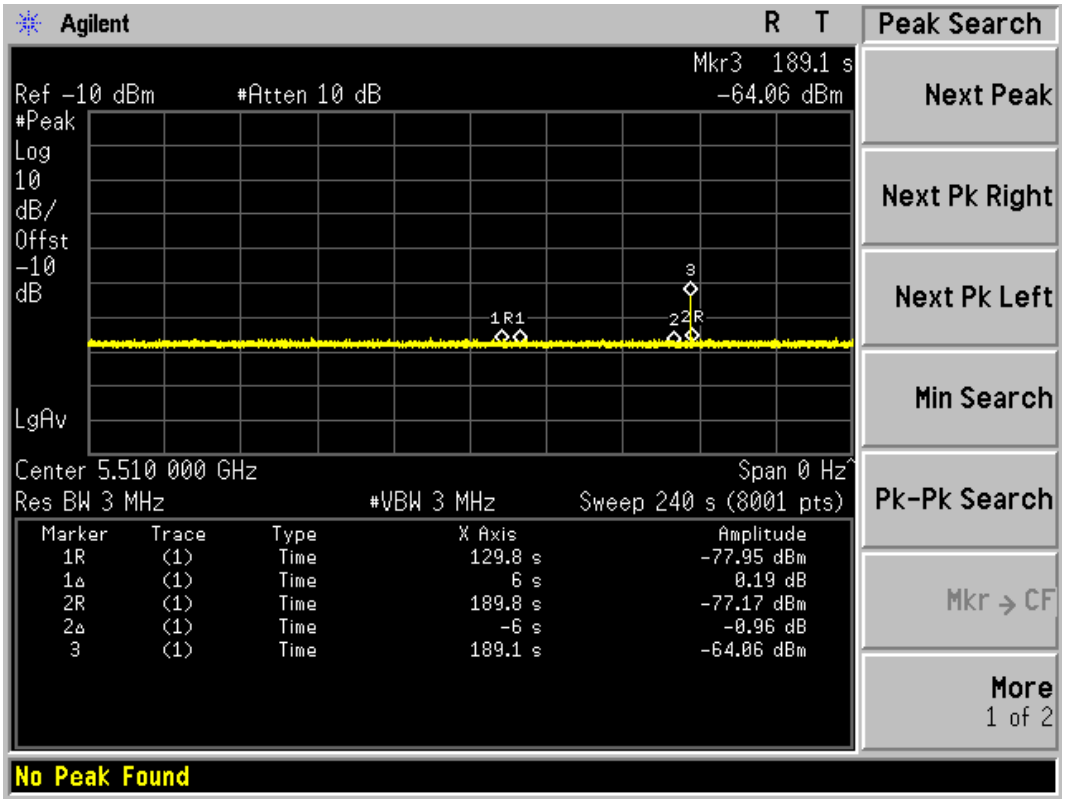
± 1ms.

5.4. Test Result of Radar Burst at the End of the Channel Availability Check Time

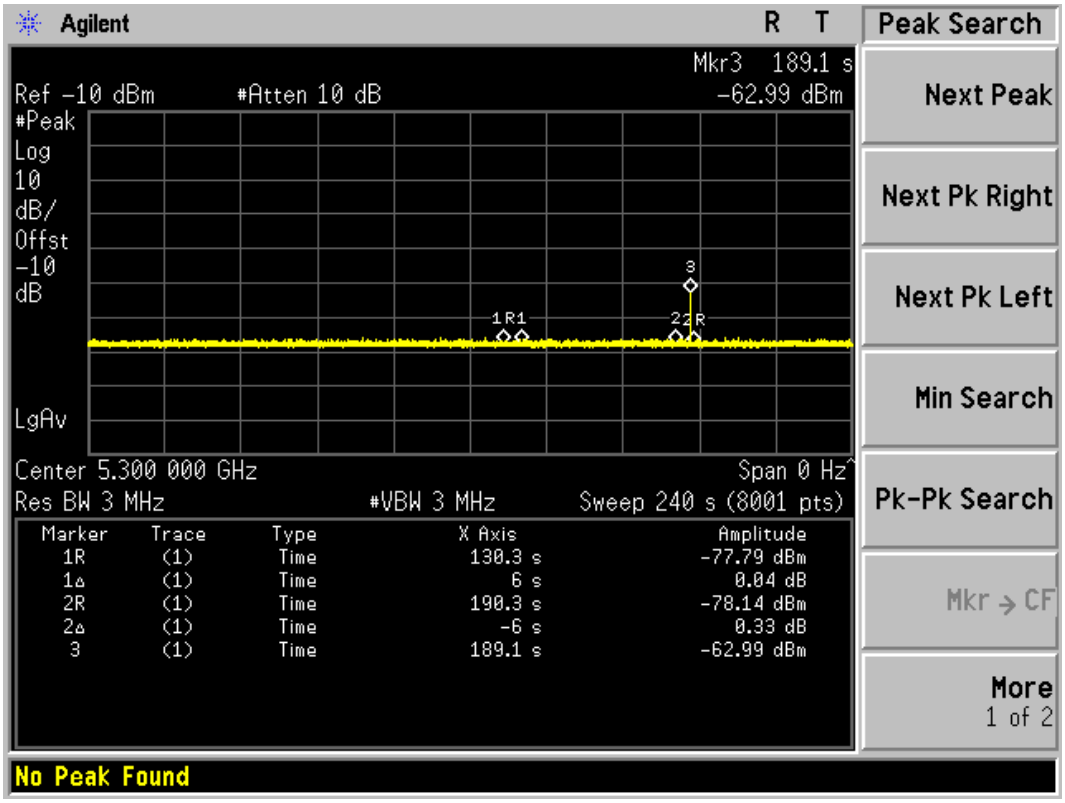
Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Radar Burst at the End of the Channel Availability Check Time
Radar Type	:	Type 1
Test Mode	:	Mode 1: Transmit (802.11n-20BW)_AR9350_2X2
Test Freq.	:	5300MHz



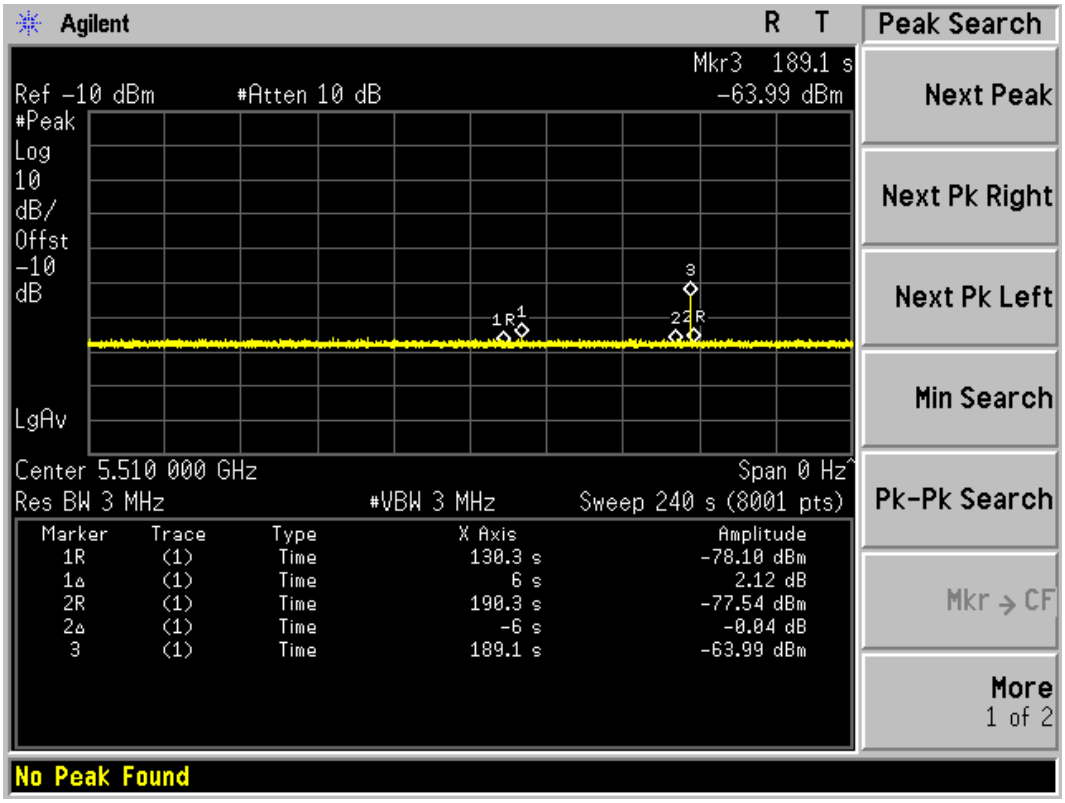
Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Radar Burst at the End of the Channel Availability Check Time
Radar Type	:	Type 1
Test Mode	:	Mode 2: Transmit (802.11n-40BW)_AR9350_2X2
Test Freq.	:	5510MHz



Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Radar Burst at the End of the Channel Availability Check Time
Radar Type	:	Type 1
Test Mode	:	Mode 3: Transmit (802.11n-20BW)_AR9590_3X3
Test Freq.	:	5300MHz



Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Radar Burst at the End of the Channel Availability Check Time
Radar Type	:	Type 1
Test Mode	:	Mode 4: Transmit (802.11n-40BW)_AR9590_3X3
Test Freq.	:	5510MHz



6. In-Service Monitoring for Channel Move Time 、 Channel Closing Transmission Time and Non-Occupancy Period

6.1. Test Procedure

These tests define how the following DFS parameters are verified during In-Service Monitoring;

Channel Closing Transmission Time, Channel Move Time, and Non-Occupancy Period.. The steps below define the procedure to determine the above mentioned parameters when a radar Burst with a level equal to the DFS Detection Threshold + 1dB (-63dBm) is generated on the Operating Channel of the U-NII device.

A U-NII device operating as a Client Device will associate with the UUT (Master) at 5300 MHz and 5510MHz.

Stream the MPEG test file from the Master Device to the Client Device on the selected Channel for the entire period of the test.

At time T_0 the Radar Waveform generator sends a Burst of pulses for each of the radar types at -63dBm.

Observe the transmissions of the UUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). Compare the Channel Move Time and Channel Closing

Transmission Time results to the limits defined in the DFS Response requirement values table.

Measure the UUT for more than 30 minutes following the channel close/move time to verify that the UUT does not resume any transmissions on this Channel.

6.2. Test Requirement

Parameter	Value
Channel Move Time	10 Seconds
Channel Closing Transmission Time	200 milliseconds + approx. 60 milliseconds over remaining 10 seconds period
Non-Occupancy Period	Minimum 30 minutes

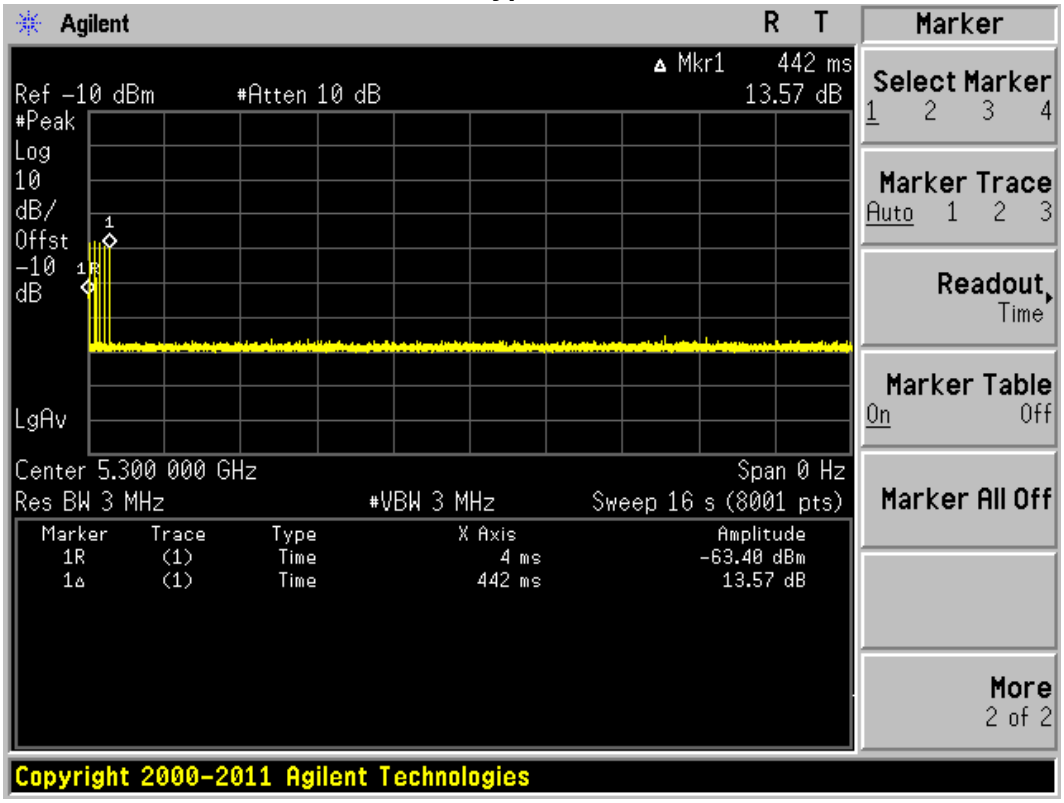
6.3. Uncertainty

± 1ms.

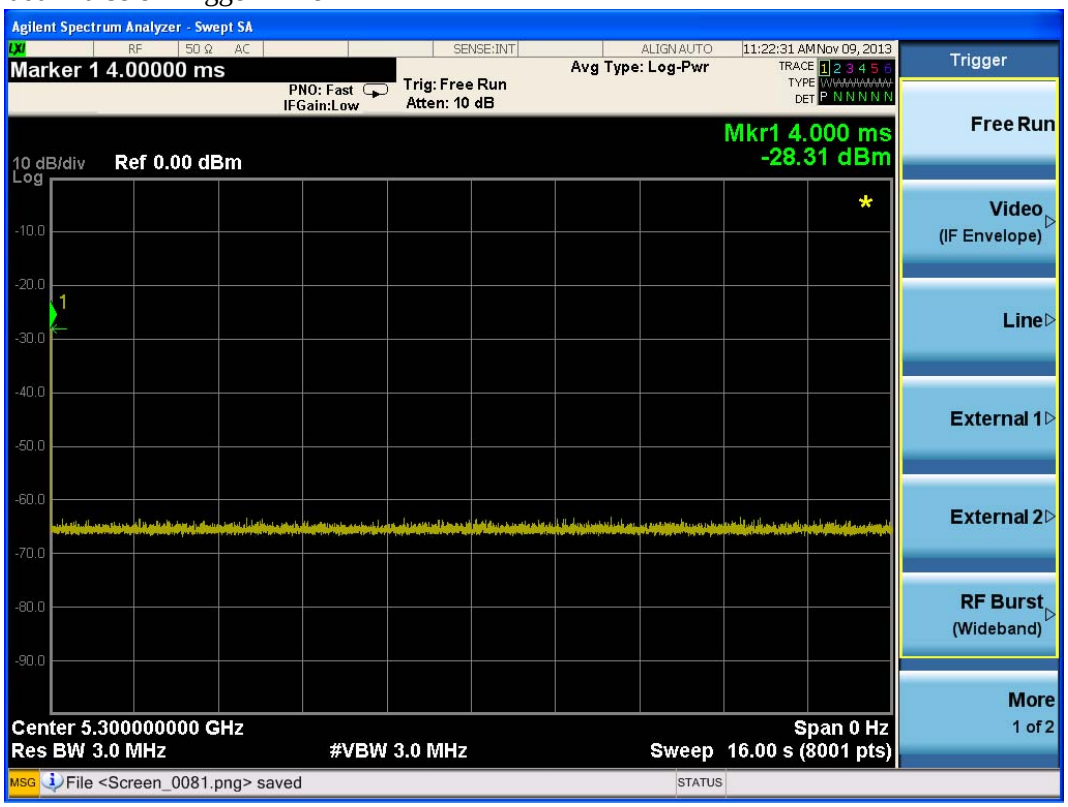
6.4. Test Result of Channel Move Time 、 Channel Closing Transmission Time and Non-Occupancy Period

Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Channel Move Time Test
Test Mode	:	Mode 1: Transmit (802.11n-20BW)_AR9350_2X2
Radar Type	:	Type 1
Test Freq.	:	5300MHz

Channel Move Time for Radar Test Type 1 at 5300MHz



Radar Pulse of Trigger Time

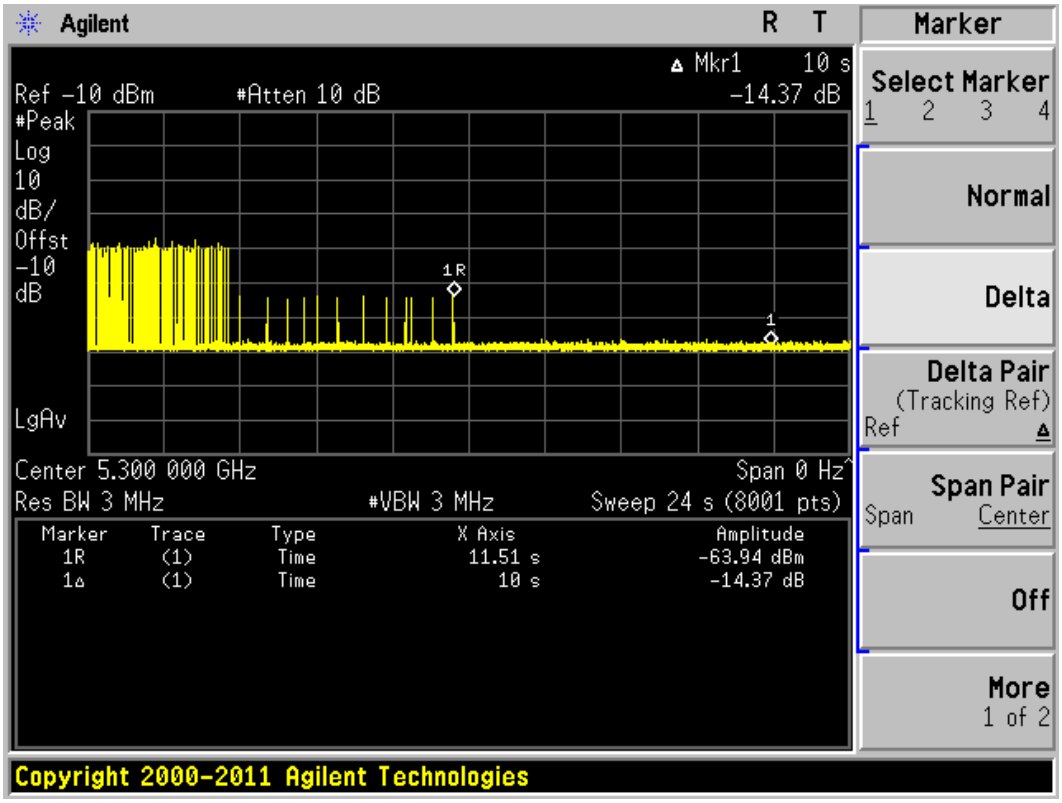


Test Item	Test Result (Sec)	Limit (Sec)
Channel Move Time	0.442	10

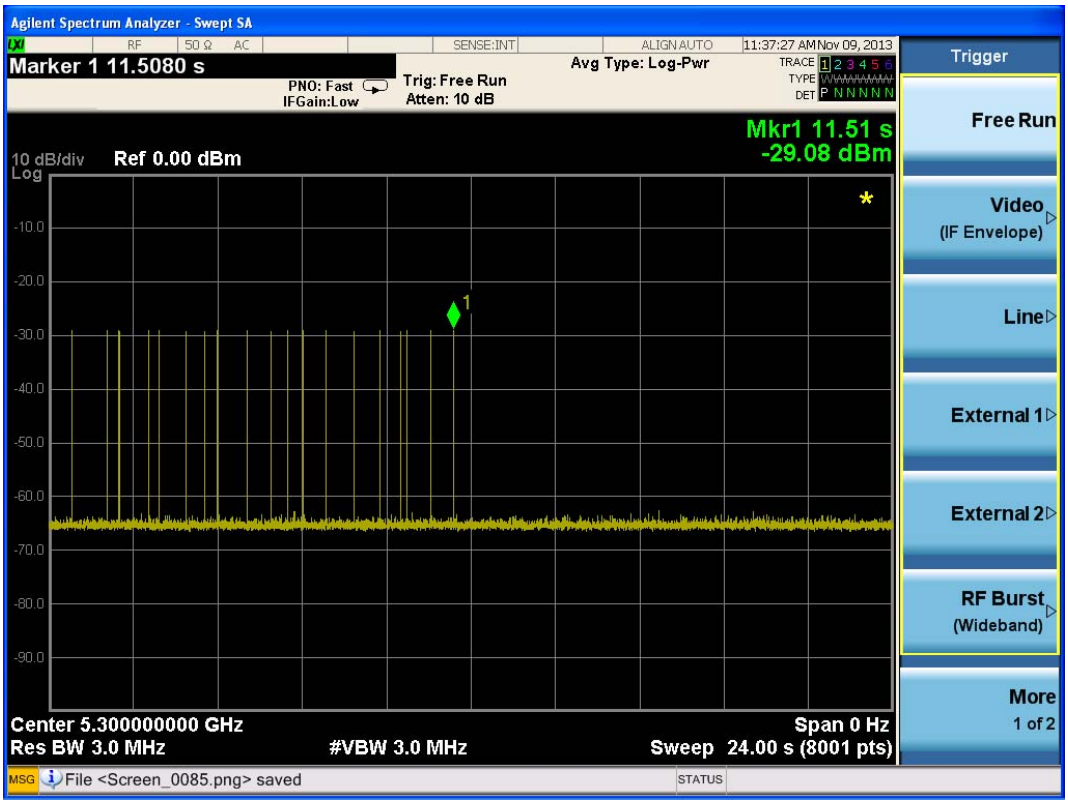
The results showed that after radar signal injected the channel move time was less than 10 seconds.

Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Channel Move Time Test
Test Mode	:	Mode 1: Transmit (802.11n-20BW)_AR9350_2X2
Radar Type	:	Type 5
Test Freq.	:	5300MHz

Channel Move Time for Radar Test Type 5 at 5300MHz



Radar Pulse of Trigger Time

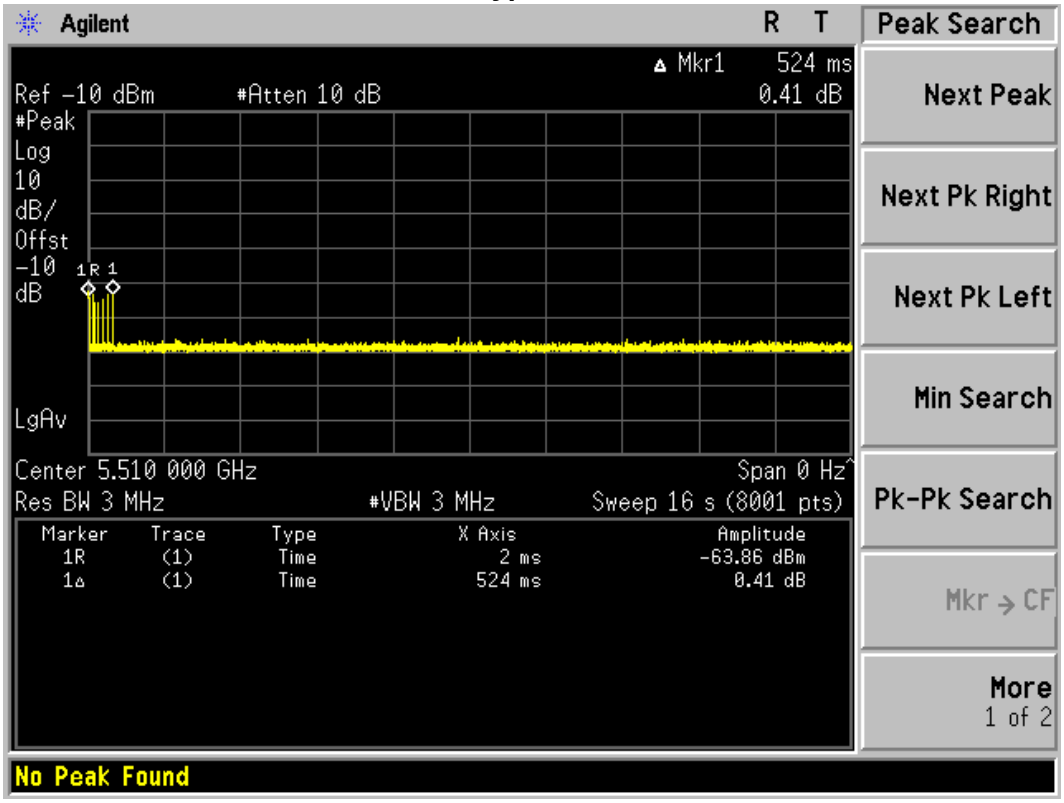


Test Item	Test Result (Sec)	Limit (Sec)
Channel Move Time	0	10

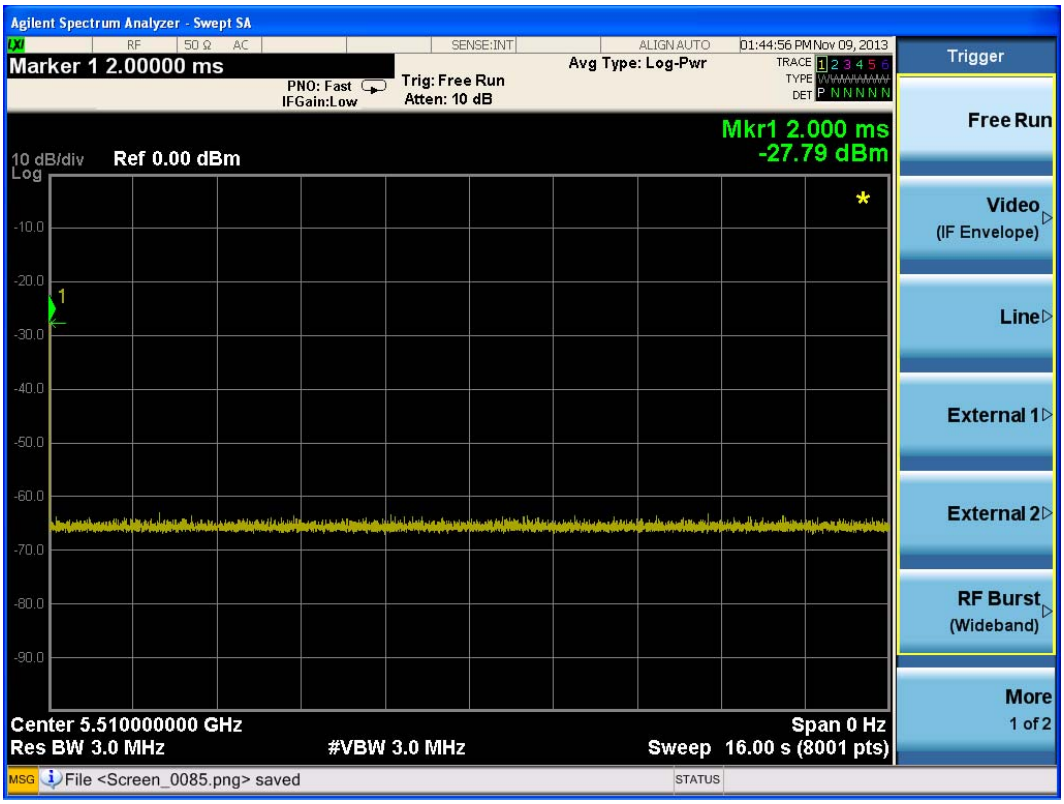
The results showed that after radar signal injected the channel move time was less than 10 seconds.

Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Channel Move Time Test
Test Mode	:	Mode 2: Transmit (802.11n-40BW)_AR9350_2X2
Radar Type	:	Type 1
Test Freq.	:	5510MHz

Channel Move Time for Radar Test Type 1 at 5510MHz



Radar Pulse of Trigger Time

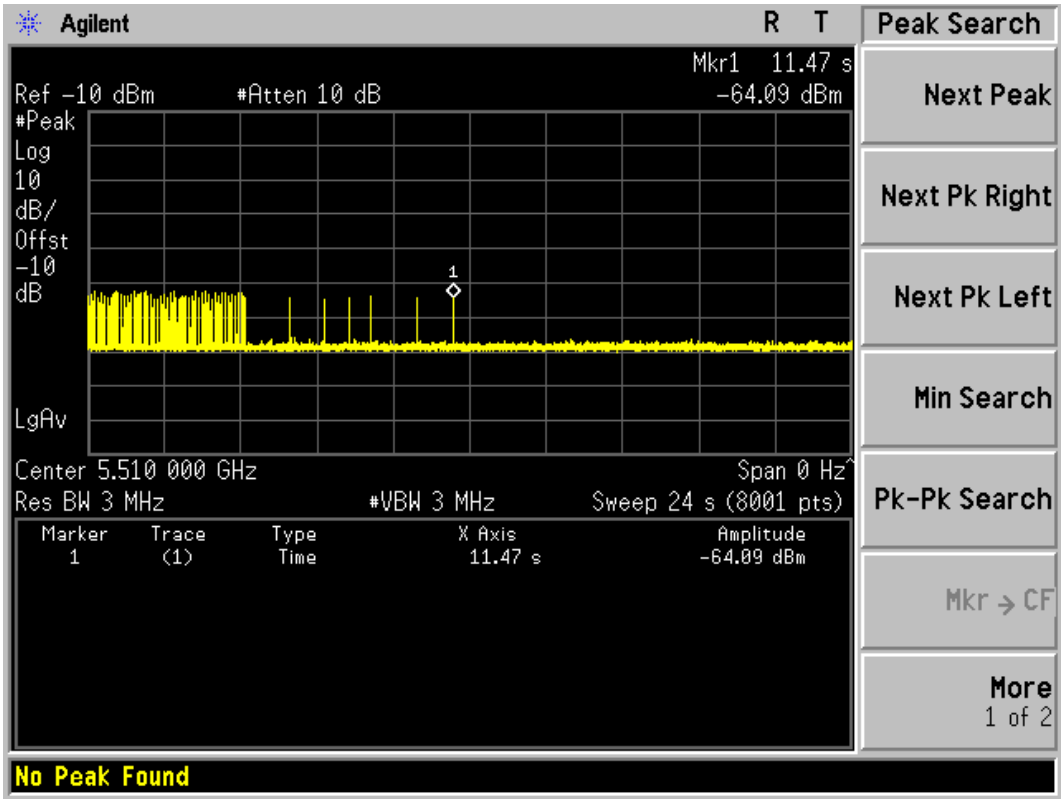


Test Item	Test Result (Sec)	Limit (Sec)
Channel Move Time	0.524	10

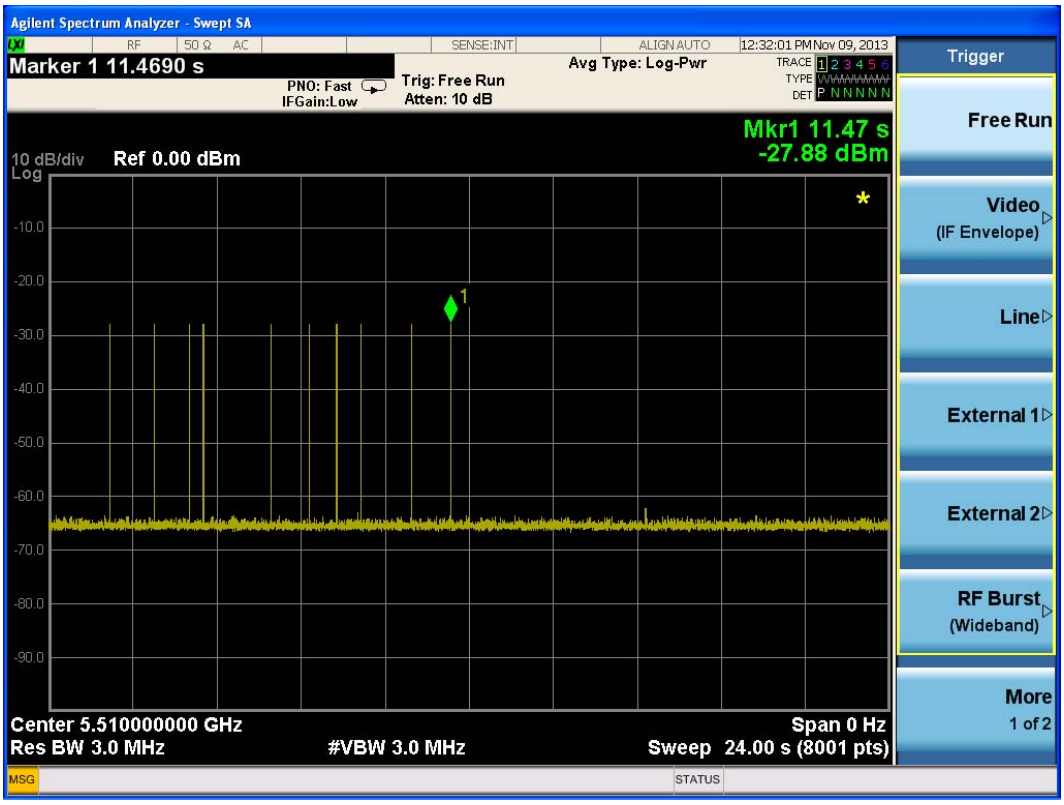
The results showed that after radar signal injected the channel move time was less than 10 seconds.

Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Channel Move Time Test
Test Mode	:	Mode 2: Transmit (802.11n-40BW)_AR9350_2X2
Radar Type	:	Type 5
Test Freq.	:	5510MHz

Channel Move Time for Radar Test Type 5 at 5510MHz



Radar Pulse of Trigger Time

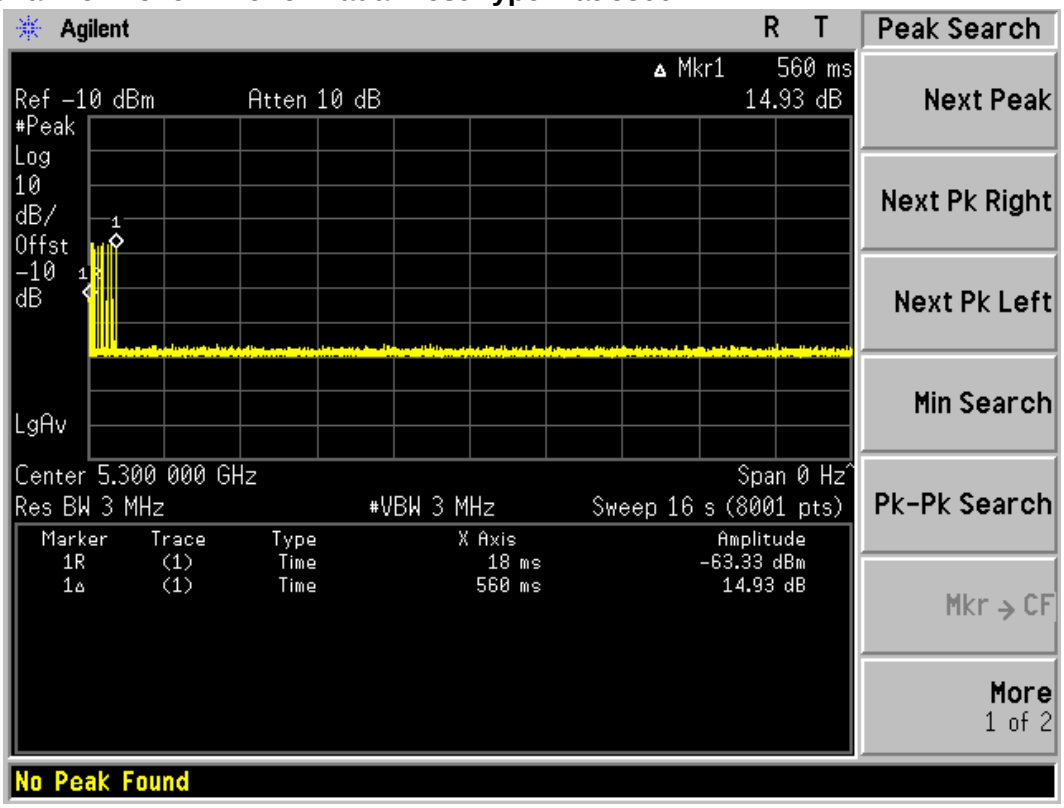


Test Item	Test Result (Sec)	Limit (Sec)
Channel Move Time	0	10

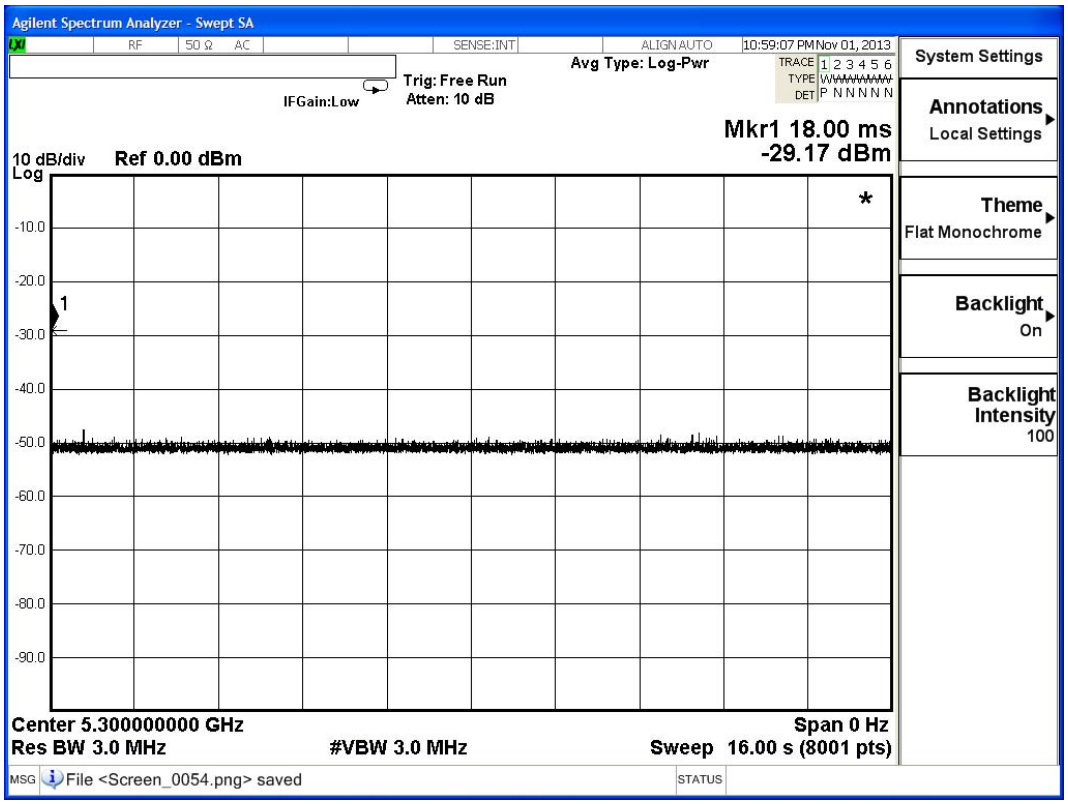
The results showed that after radar signal injected the channel move time was less than 10 seconds.

Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Channel Move Time Test
Test Mode	:	Mode 3: Transmit (802.11n-20BW)_AR9590_3X3
Radar Type	:	Type 1
Test Freq.	:	5300MHz

Channel Move Time for Radar Test Type 1 at 5300MHz



Radar Pulse of Trigger Time

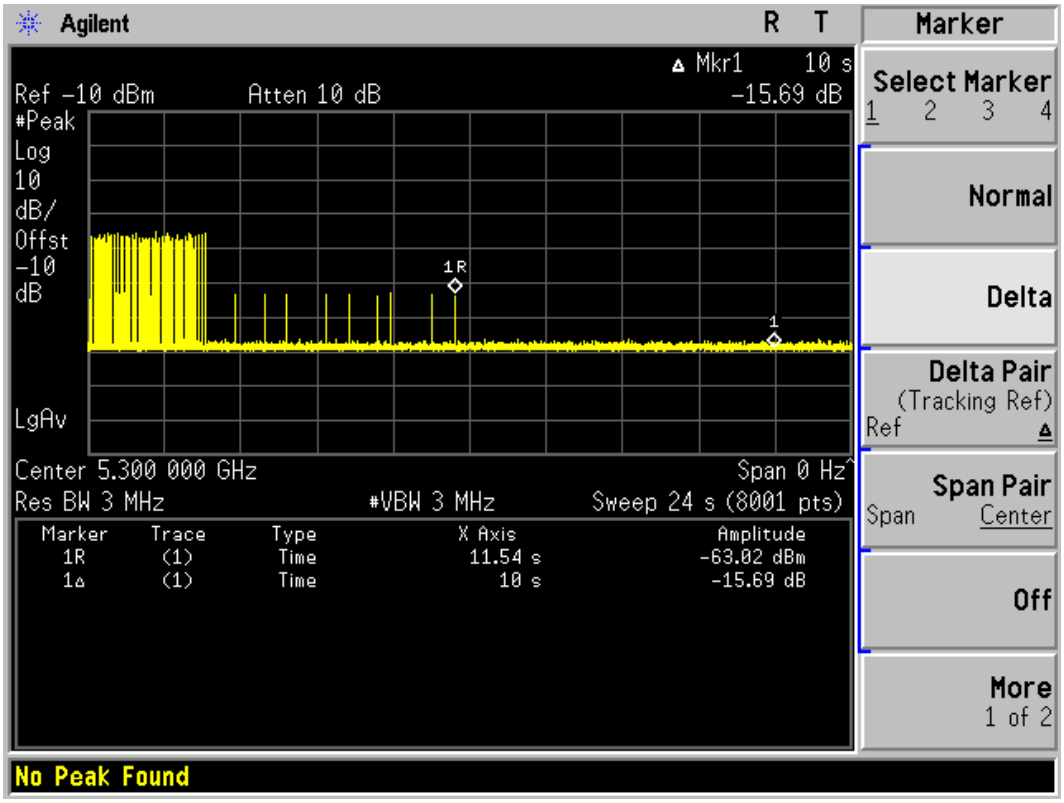


Test Item	Test Result (Sec)	Limit (Sec)
Channel Move Time	0.56	10

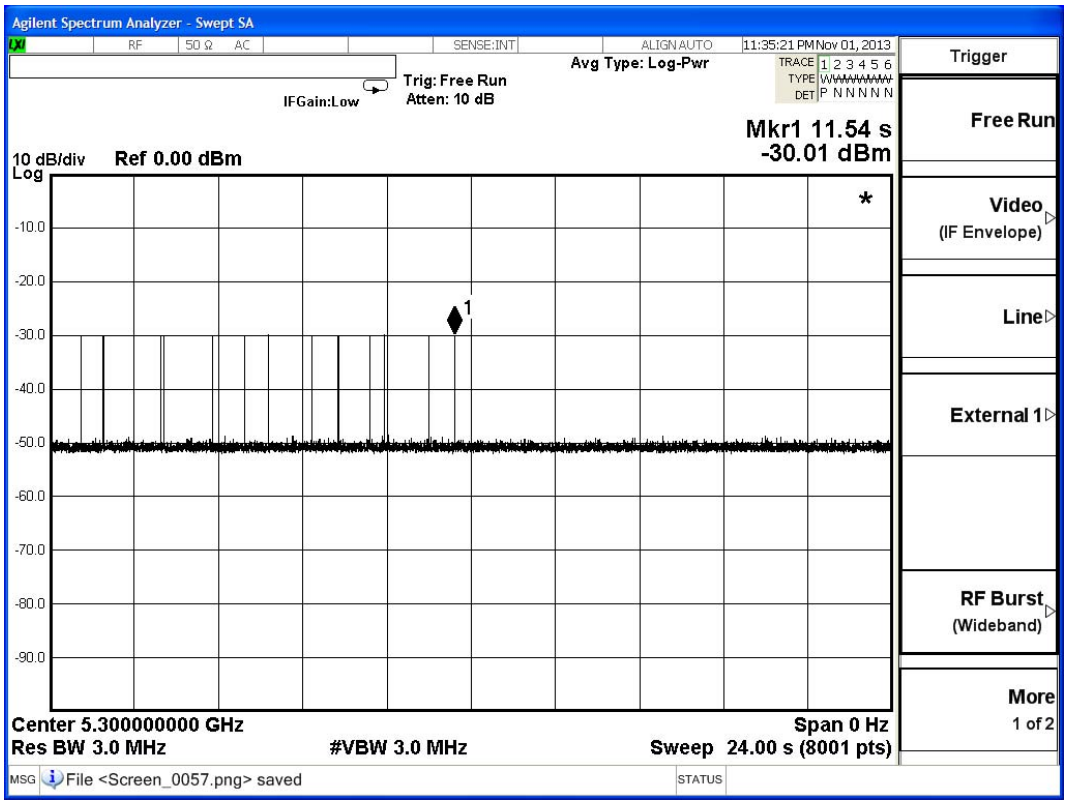
The results showed that after radar signal injected the channel move time was less than 10 seconds.

Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Channel Move Time Test
Test Mode	:	Mode 3: Transmit (802.11n-20BW)_AR9590_3X3
Radar Type	:	Type 5
Test Freq.	:	5300MHz

Channel Move Time for Radar Test Type 5 at 5300MHz



Radar Pulse of Trigger Time

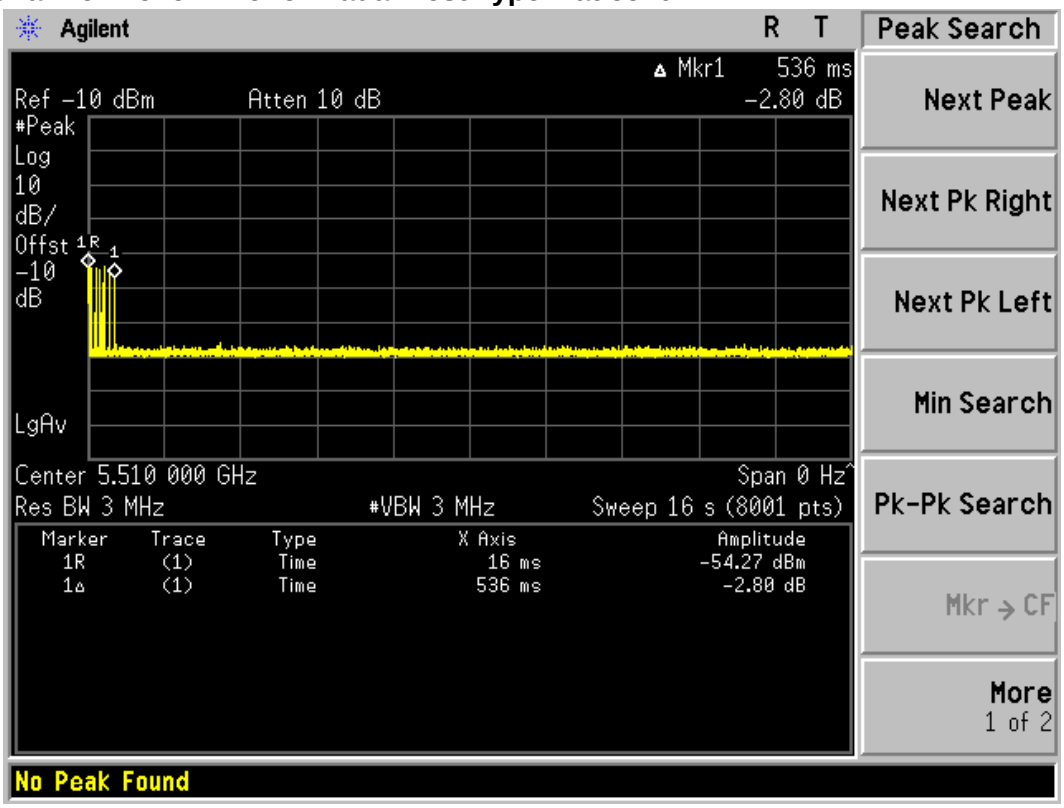


Test Item	Test Result (Sec)	Limit (Sec)
Channel Move Time	0	10

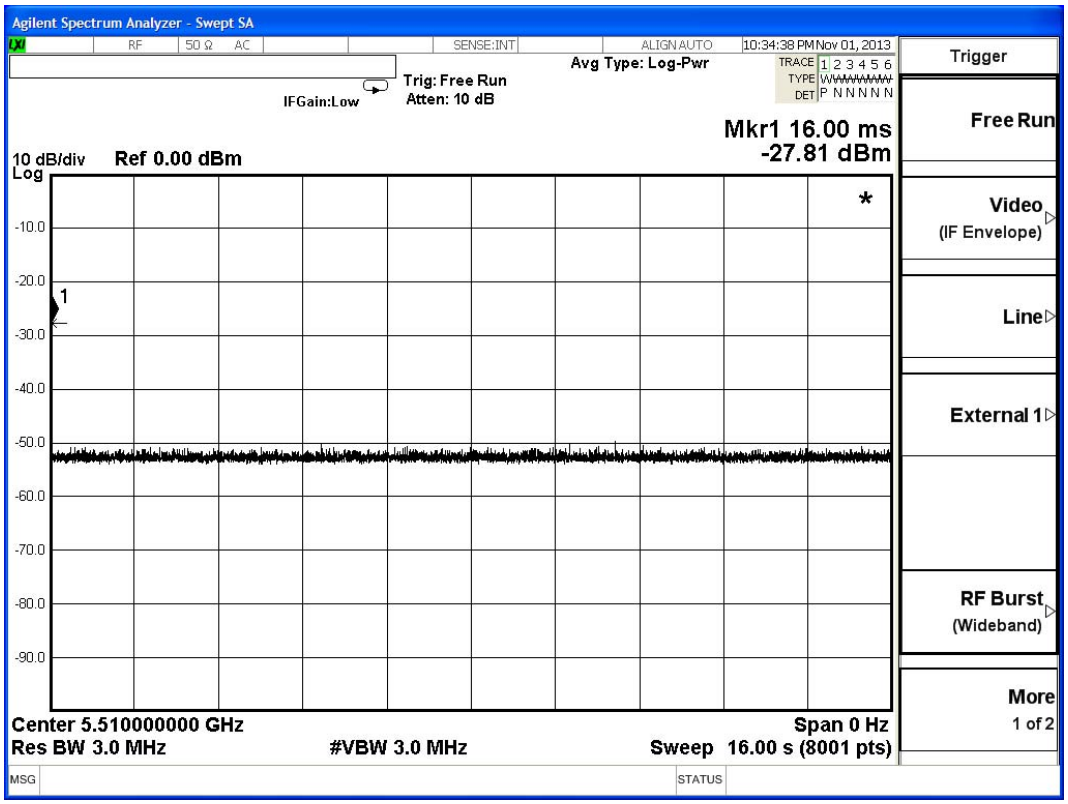
The results showed that after radar signal injected the channel move time was less than 10 seconds.

Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Channel Move Time Test
Test Mode	:	Mode 4: Transmit (802.11n-40BW)_AR9590_3X3
Radar Type	:	Type 1
Test Freq.	:	5510MHz

Channel Move Time for Radar Test Type 1 at 5510MHz



Radar Pulse of Trigger Time

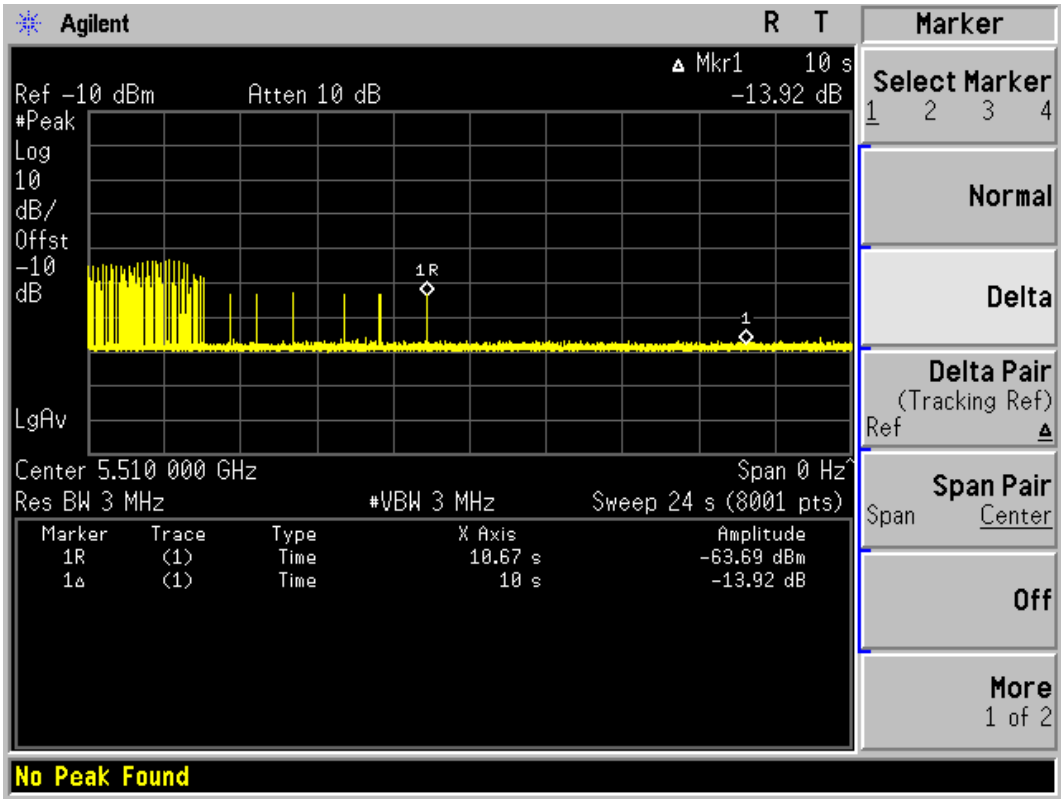


Test Item	Test Result (Sec)	Limit (Sec)
Channel Move Time	0.536	10

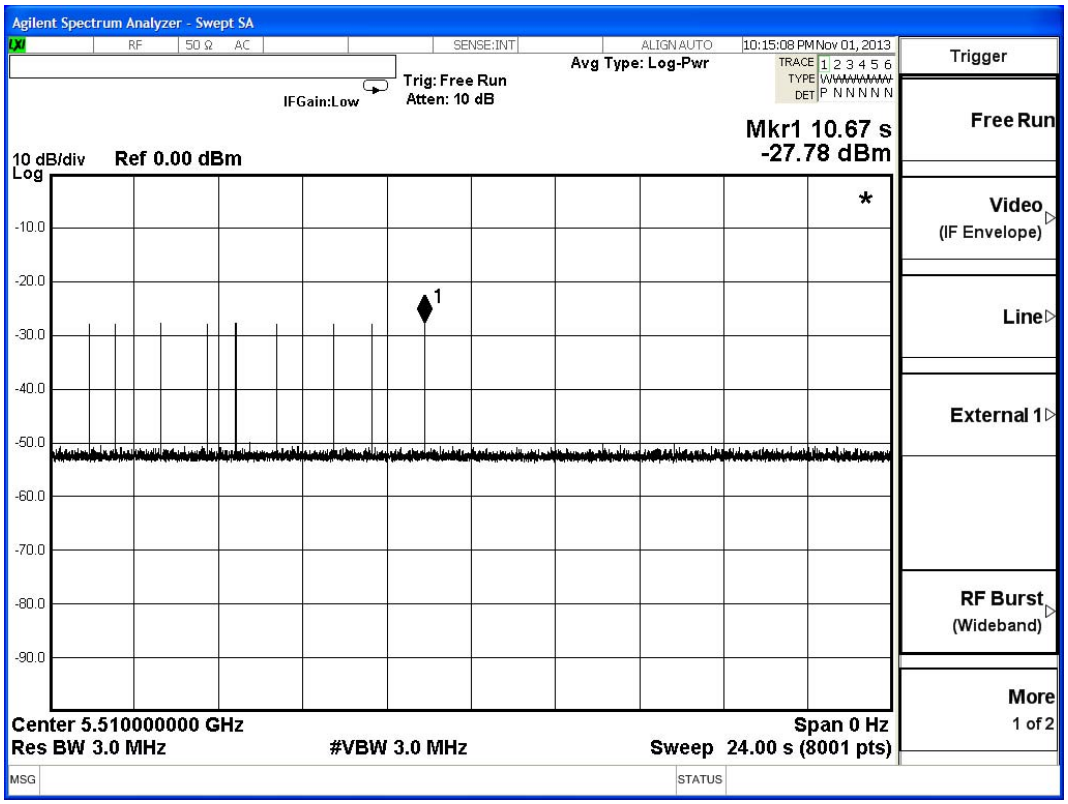
The results showed that after radar signal injected the channel move time was less than 10 seconds.

Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Channel Move Time Test
Test Mode	:	Mode 4: Transmit (802.11n-40BW)_AR9590_3X3
Radar Type	:	Type 5
Test Freq.	:	5510MHz

Channel Move Time for Radar Test Type 5 at 5510MHz



Radar Pulse of Trigger Time

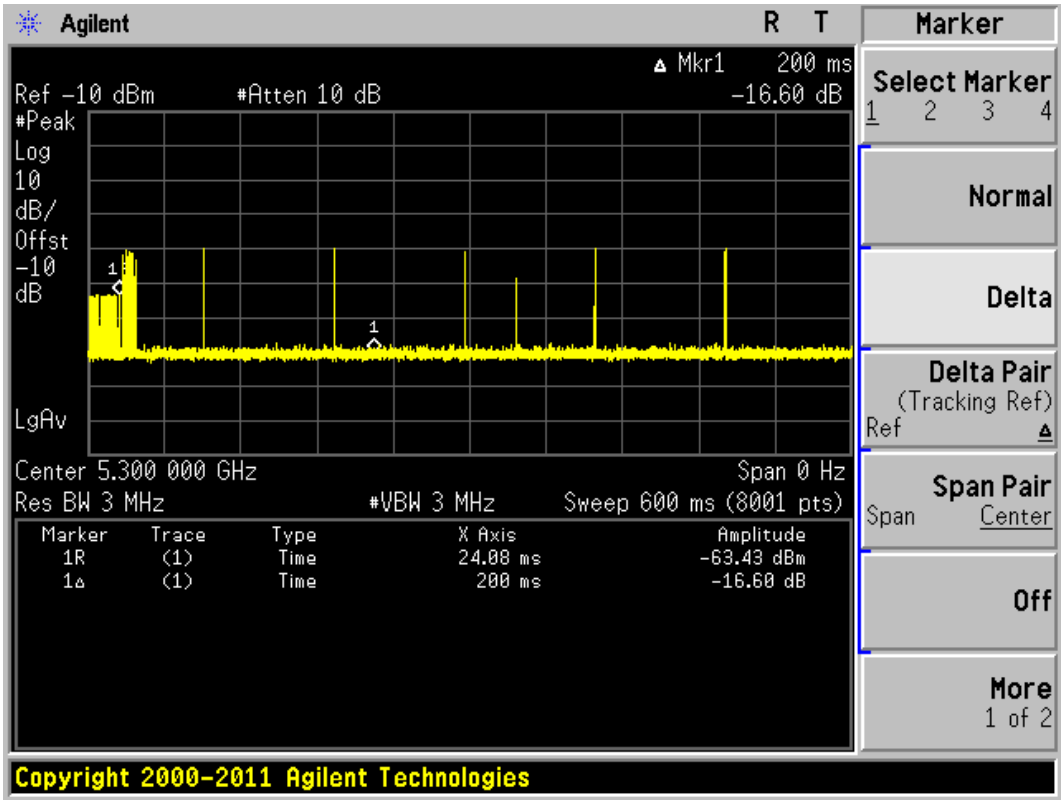


Test Item	Test Result (Sec)	Limit (Sec)
Channel Move Time	0	10

The results showed that after radar signal injected the channel move time was less than 10 seconds.

Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Channel Closing Transmission Time Test
Test Mode	:	Mode 1: Transmit (802.11n-20BW)_AR9350_2X2
Radar Type	:	Type 1
Test Freq.	:	5300MHz

Channel Closing Transmission Time for Radar Test Type 1 at 5300 MHz



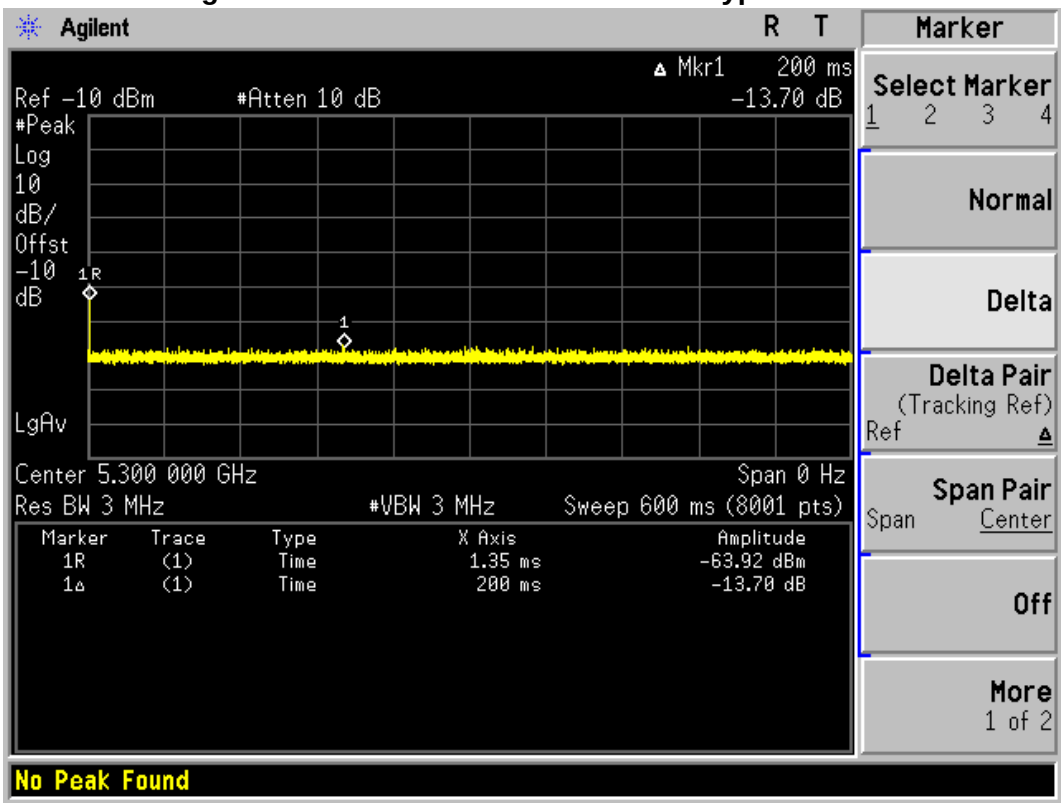
Test Item	Test Result (ms)	Limit (ms)
Channel Closing Transmission	0.3	200 milliseconds + approx. 60 milliseconds over remaining 10 seconds period

*Note: The test result is “bin number X time per bin (600 ms / 8000)”

The results showed that after radar signal injected the channel transmission closing time less than 200 milliseconds and an aggregate of no more than 60 milliseconds.

Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Channel Closing Transmission Time Test
Test Mode	:	Mode 1: Transmit (802.11n-20BW)_AR9350_2X2
Radar Type	:	Type 5
Test Freq.	:	5300MHz

Channel Closing Transmission Time for Radar Test Type 5 at 5300 MHz



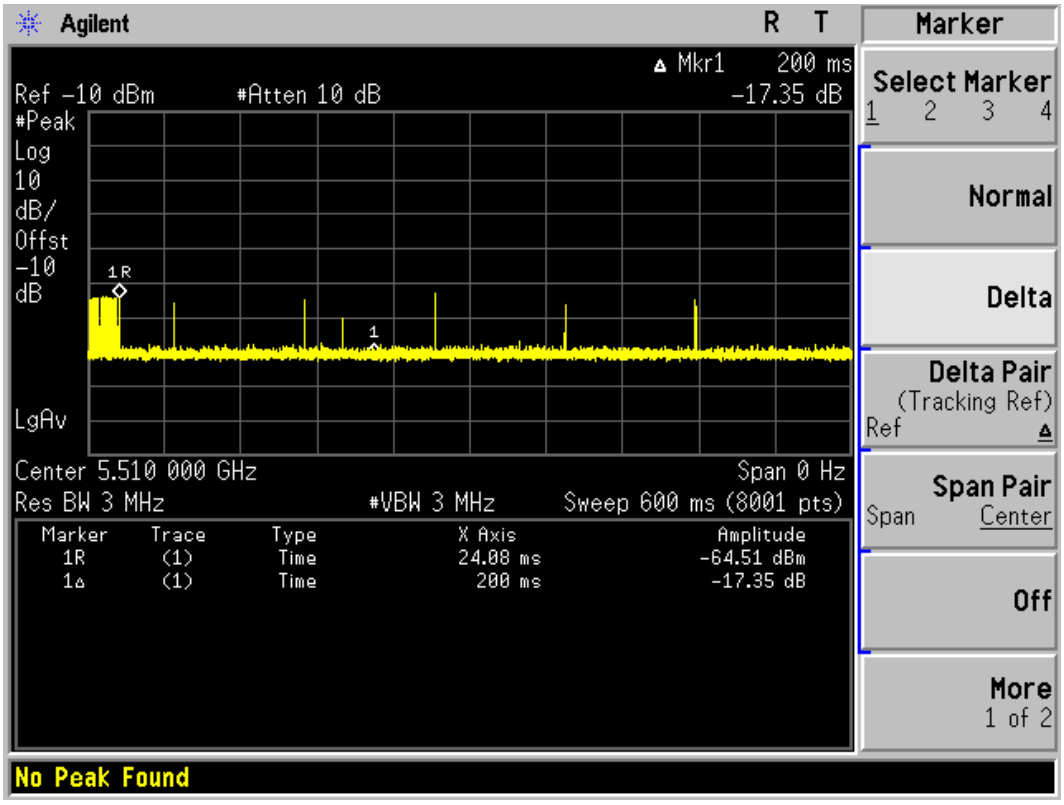
Test Item	Test Result (ms)	Limit (ms)
Channel Closing Transmission	0	200 milliseconds + approx. 60 milliseconds over remaining 10 seconds period

*Note: The test result is “bin number X time per bin (600 ms / 8000)”

The results showed that after radar signal injected the channel transmission closing time less than 200 milliseconds and an aggregate of no more than 60 milliseconds.

Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Channel Closing Transmission Time Test
Test Mode	:	Mode 2: Transmit (802.11n-40BW)_AR9350_2X2
Radar Type	:	Type 1
Test Freq.	:	5510MHz

Channel Closing Transmission Time for Radar Test Type 1 at 5510 MHz



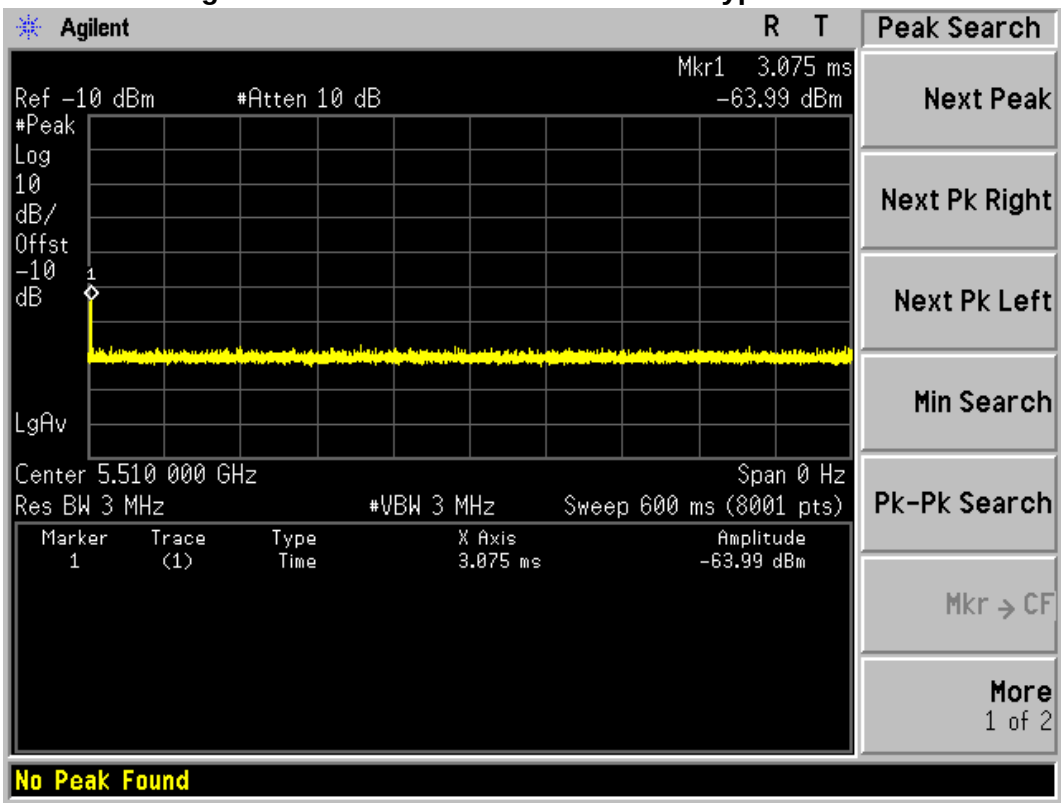
Test Item	Test Result (ms)	Limit (ms)
Channel Closing Transmission	0.225	200 milliseconds + approx. 60 milliseconds over remaining 10 seconds period

*Note: The test result is “bin number X time per bin (600 ms / 8000)”

The results showed that after radar signal injected the channel transmission closing time less than 200 milliseconds and an aggregate of no more than 60 milliseconds.

Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Channel Closing Transmission Time Test
Test Mode	:	Mode 2: Transmit (802.11n-40BW)_AR9350_2X2
Radar Type	:	Type 5
Test Freq.	:	5510MHz

Channel Closing Transmission Time for Radar Test Type 5 at 5510 MHz



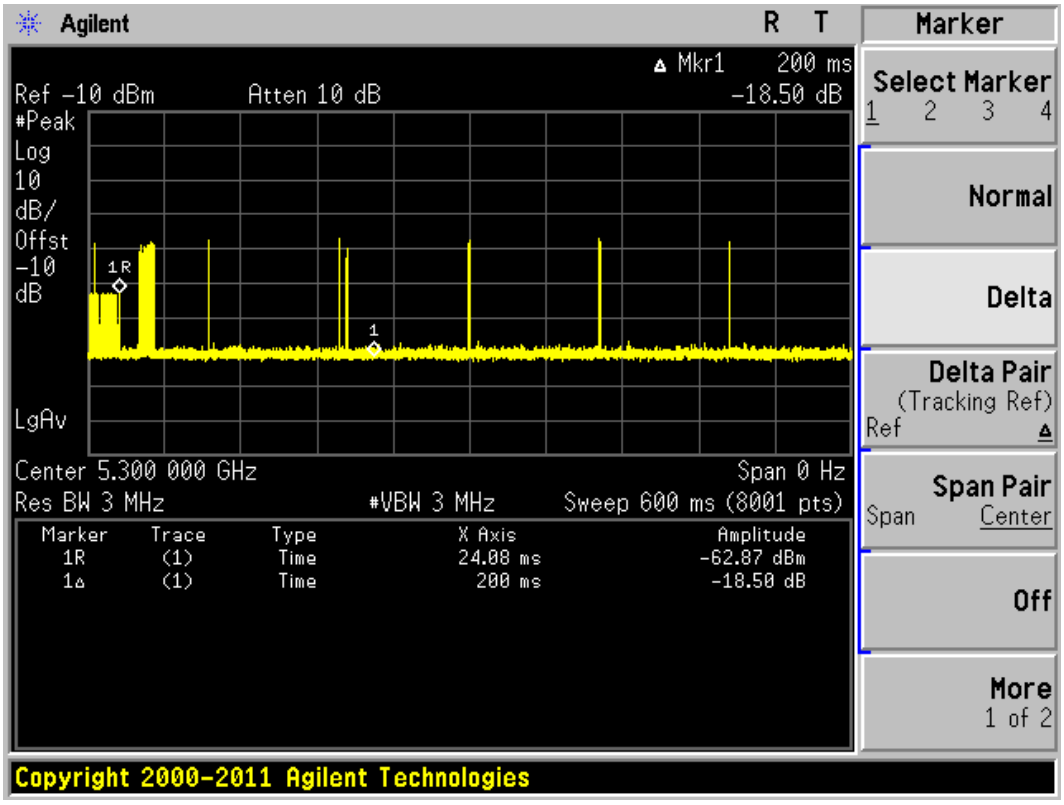
Test Item	Test Result (ms)	Limit (ms)
Channel Closing Transmission	0	200 milliseconds + approx. 60 milliseconds over remaining 10 seconds period

*Note: The test result is “bin number X time per bin (600 ms / 8000)”

The results showed that after radar signal injected the channel transmission closing time less than 200 milliseconds and an aggregate of no more than 60 milliseconds.

Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Channel Closing Transmission Time Test
Test Mode	:	Mode 3: Transmit (802.11n-20BW)_AR9590_3X3
Radar Type	:	Type 1
Test Freq.	:	5300MHz

Channel Closing Transmission Time for Radar Test Type 1 at 5300 MHz



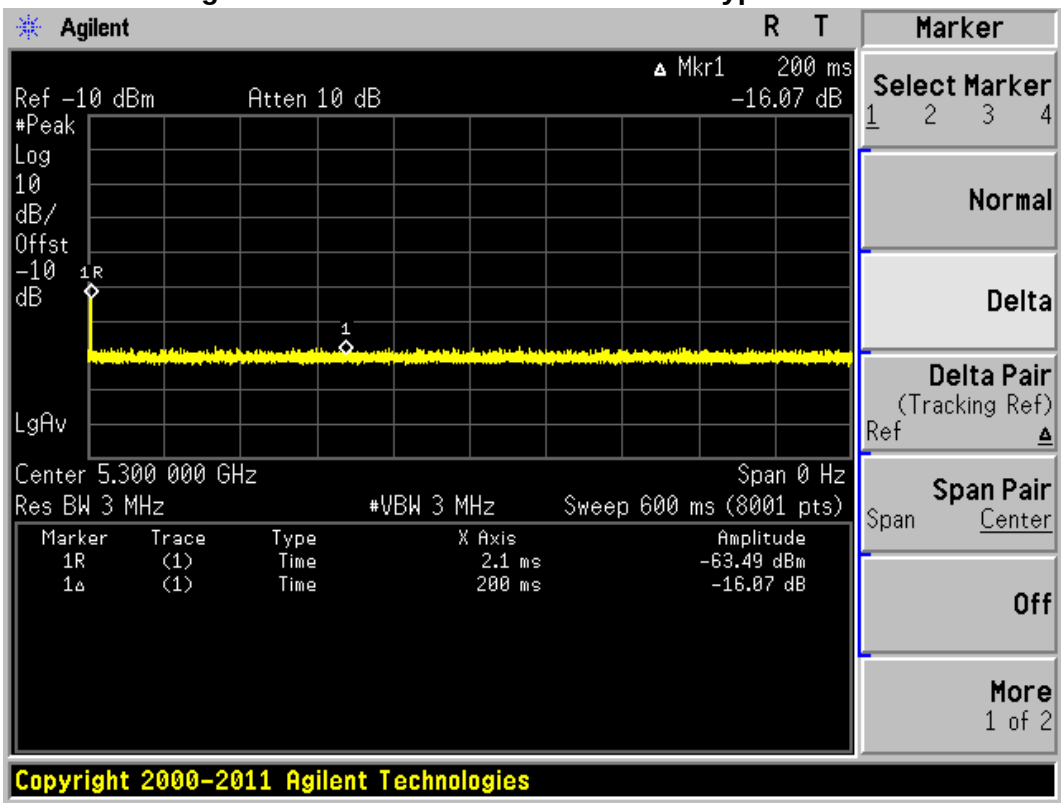
Test Item	Test Result (ms)	Limit (ms)
Channel Closing Transmission	0.225	200 milliseconds + approx. 60 milliseconds over remaining 10 seconds period

*Note: The test result is “bin number X time per bin (600 ms / 8000)”

The results showed that after radar signal injected the channel transmission closing time less than 200 milliseconds and an aggregate of no more than 60 milliseconds.

Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Channel Closing Transmission Time Test
Test Mode	:	Mode 3: Transmit (802.11n-20BW)_AR9590_3X3
Radar Type	:	Type 5
Test Freq.	:	5300MHz

Channel Closing Transmission Time for Radar Test Type 5 at 5300 MHz



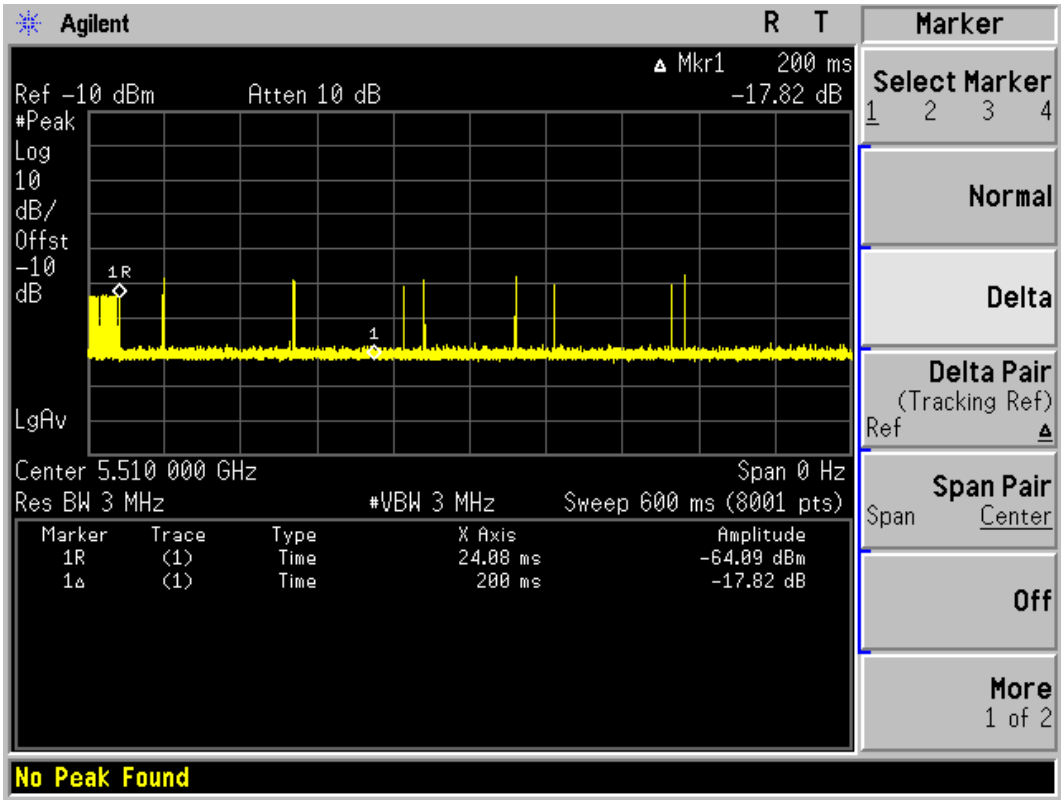
Test Item	Test Result (ms)	Limit (ms)
Channel Closing Transmission	0	200 milliseconds + approx. 60 milliseconds over remaining 10 seconds period

*Note: The test result is “bin number X time per bin (600 ms / 8000)”

The results showed that after radar signal injected the channel transmission closing time less than 200 milliseconds and an aggregate of no more than 60 milliseconds.

Product	:	SpectraGuard® Access Point / Sensor
Test Item	:	Channel Closing Transmission Time Test
Test Mode	:	Mode 4: Transmit (802.11n-40BW)_AR9590_3X3
Radar Type	:	Type 1
Test Freq.	:	5510MHz

Channel Closing Transmission Time for Radar Test Type 1 at 5510 MHz



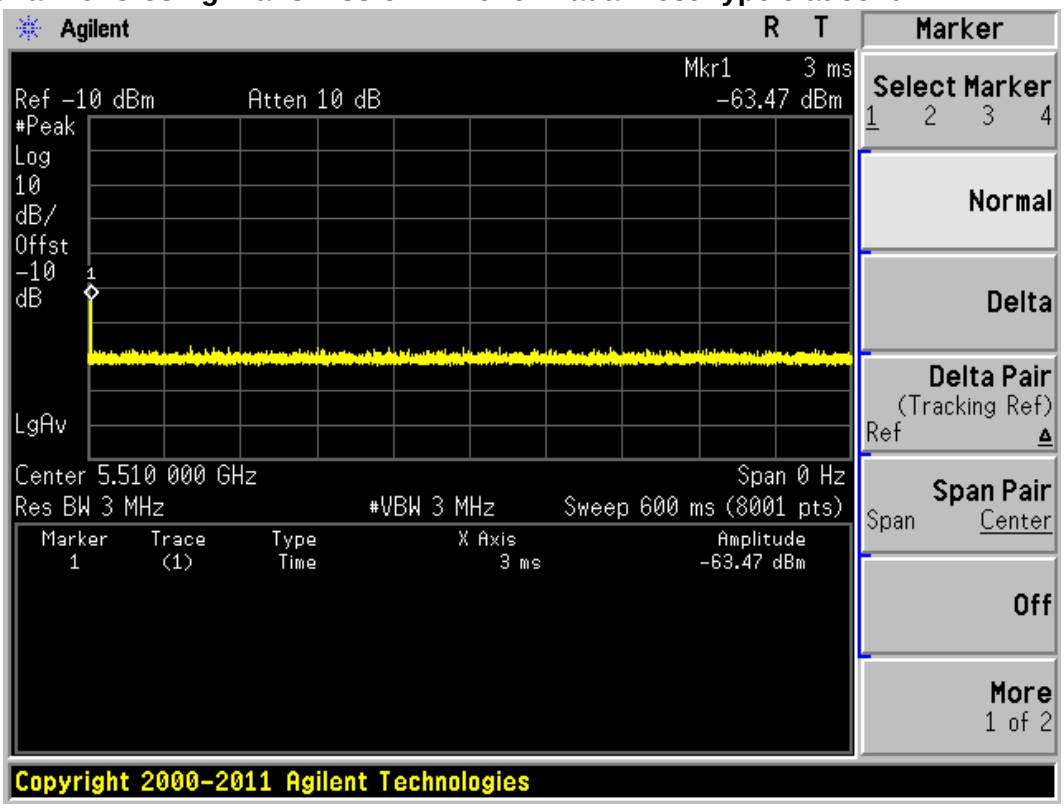
Test Item	Test Result (ms)	Limit (ms)
Channel Closing Transmission	0.45	200 milliseconds + approx. 60 milliseconds over remaining 10 seconds period

*Note: The test result is “bin number X time per bin (600 ms / 8000)”

The results showed that after radar signal injected the channel transmission closing time less than 200 milliseconds and an aggregate of no more than 60 milliseconds.

Product : SpectraGuard® Access Point / Sensor
Test Item : Channel Closing Transmission Time Test
Test Mode : Mode 4: Transmit (802.11n-40BW)_AR9590_3X3
Radar Type : Type 5
Test Freq. : 5510MHz

Channel Closing Transmission Time for Radar Test Type 5 at 5510 MHz



Test Item	Test Result (ms)	Limit (ms)
Channel Closing Transmission	0	200 milliseconds + approx. 60 milliseconds over remaining 10 seconds period

*Note: The test result is “bin number X time per bin (600 ms / 8000)”

The results showed that after radar signal injected the channel transmission closing time less than 200 milliseconds and an aggregate of no more than 60 milliseconds.

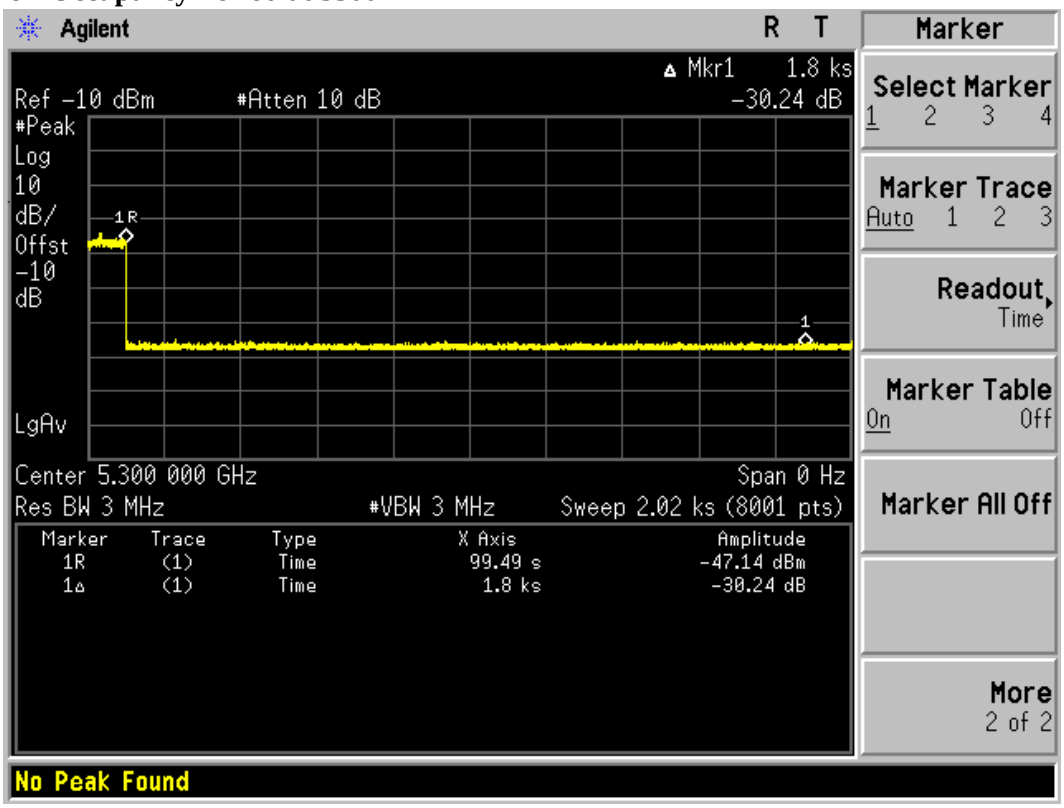
Product : SpectraGuard® Access Point / Sensor

Test Item : Non-Occupancy Period

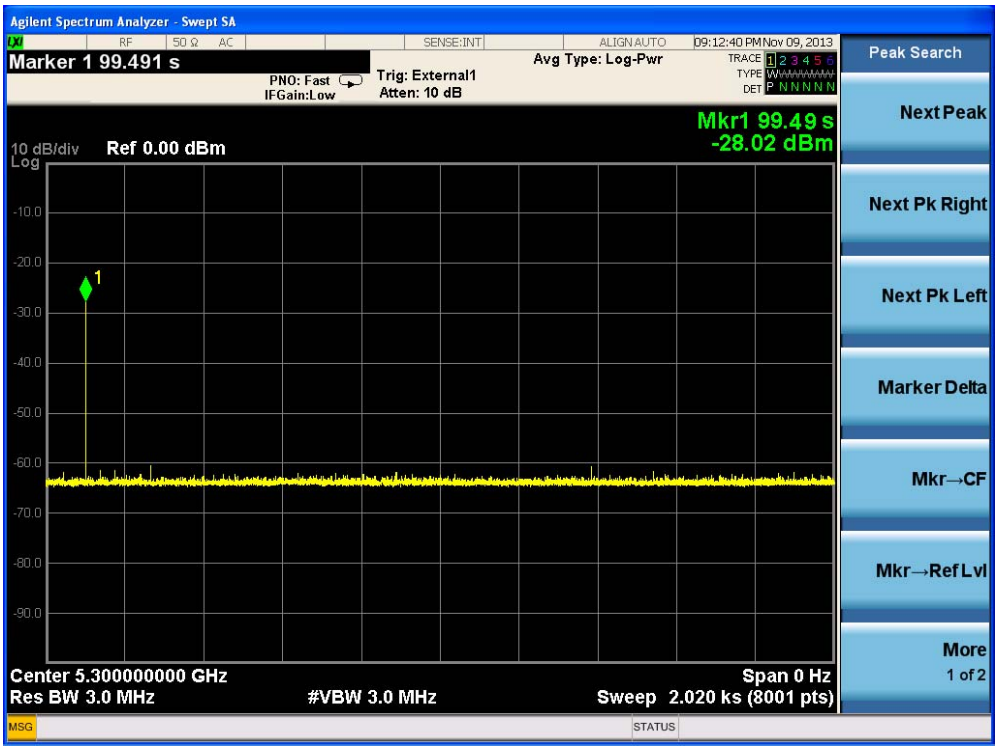
Radar Type : Type 1

Test Mode : Mode 1: Transmit (802.11n-20BW)_AR9350_2X2

Non-Occupancy Period at 5300 MHz



Radar Pulse of Trigger Time



Test Item	Test Result (Minutes)	Limit (Minutes)
Non-Occupancy Period	>30	≧30

No EUT transmissions were observed on the test channel during 30 minutes observation time.

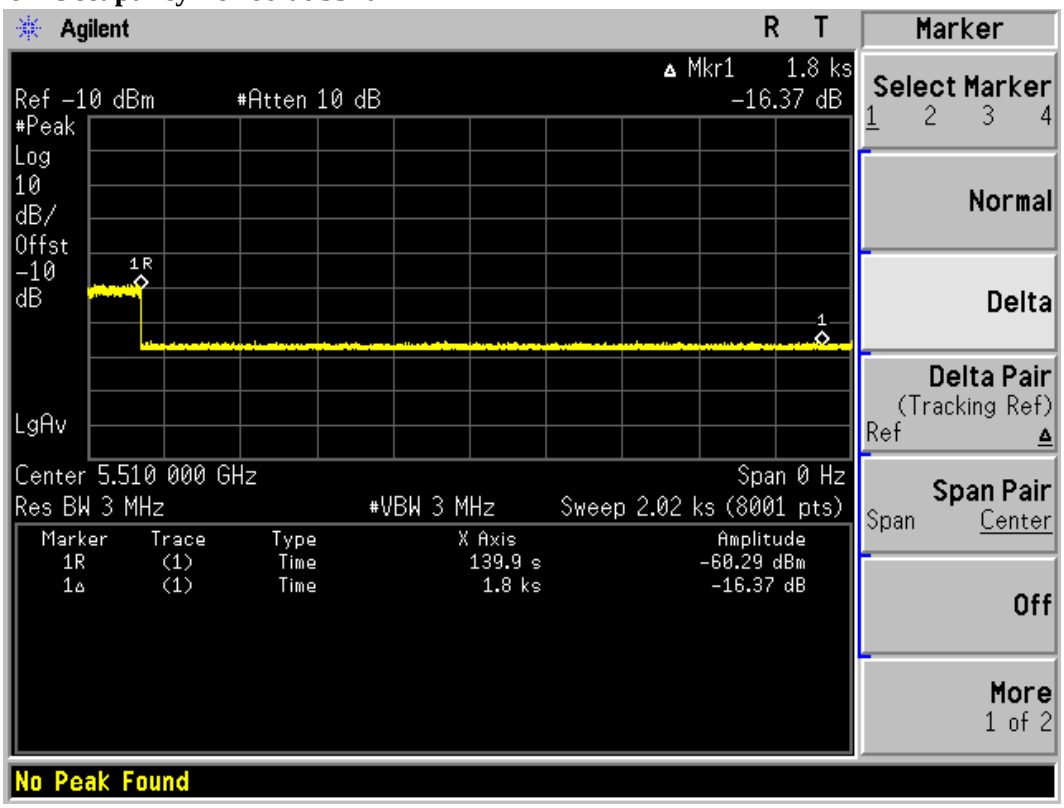
Product : SpectraGuard® Access Point / Sensor

Test Item : Non-Occupancy Period

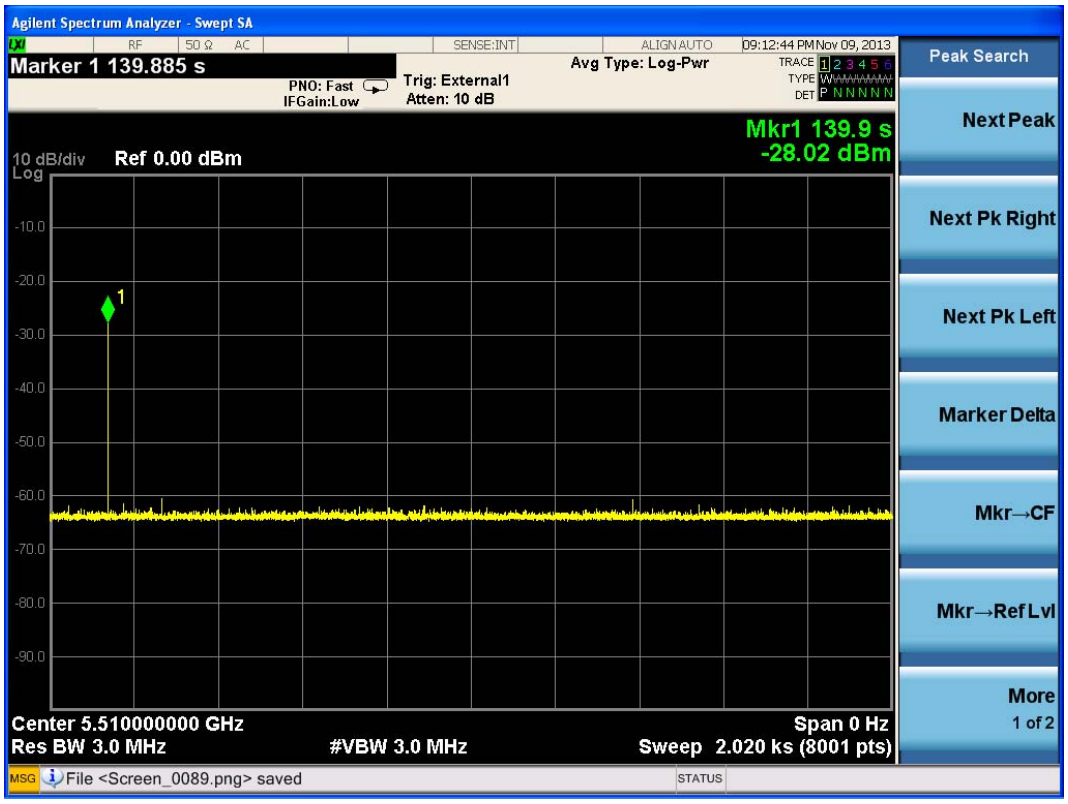
Radar Type : Type 1

Test Mode : Mode 2: Transmit (802.11n-40BW)_AR9350_2X2

Non-Occupancy Period at 5510 MHz



Radar Pulse of Trigger Time



Test Item	Test Result (Minutes)	Limit (Minutes)
Non-Occupancy Period	>30	>30

No EUT transmissions were observed on the test channel during 30 minutes observation time.

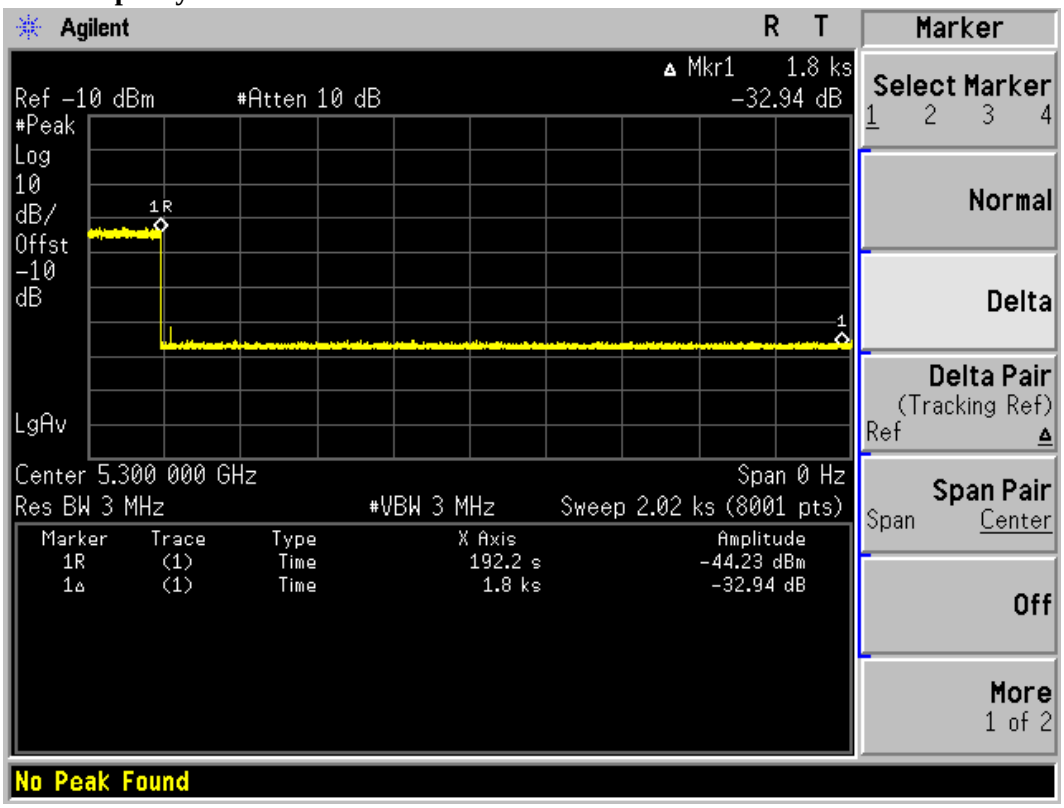
Product : SpectraGuard® Access Point / Sensor

Test Item : Non-Occupancy Period

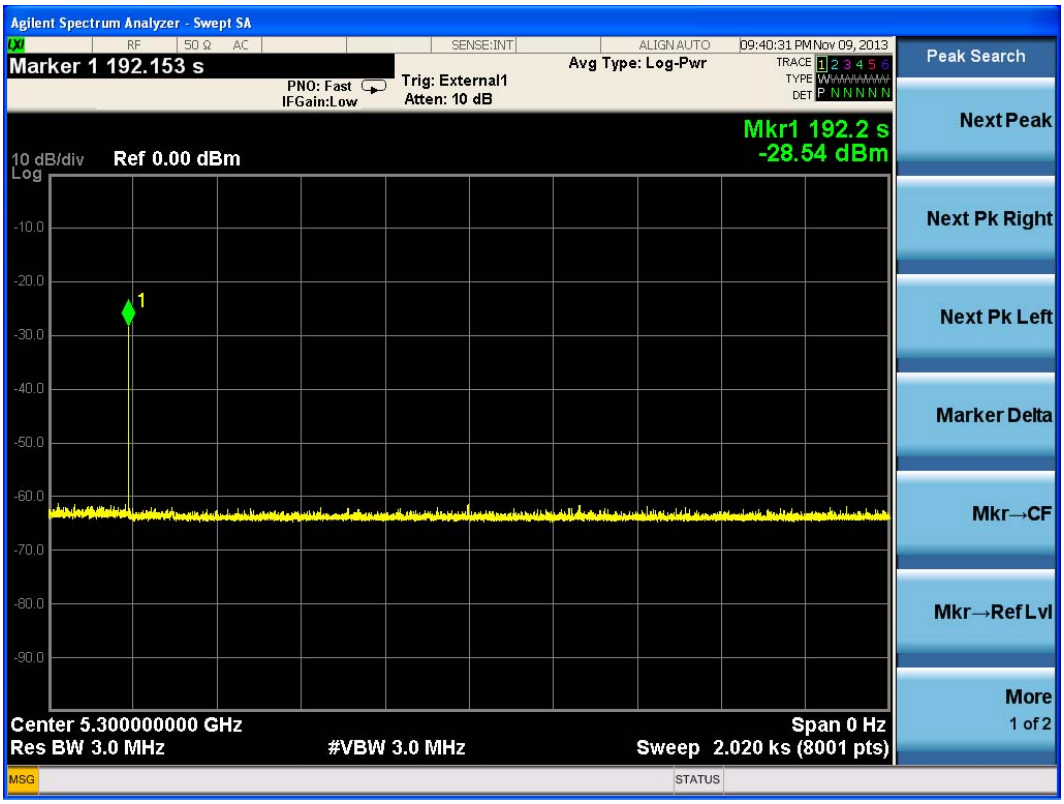
Radar Type : Type 1

Test Mode : Mode 3: Transmit (802.11n-20BW)_AR9590_3X3

Non-Occupancy Period at 5300 MHz



Radar Pulse of Trigger Time



Test Item	Test Result (Minutes)	Limit (Minutes)
Non-Occupancy Period	>30	>30

No EUT transmissions were observed on the test channel during 30 minutes observation time.

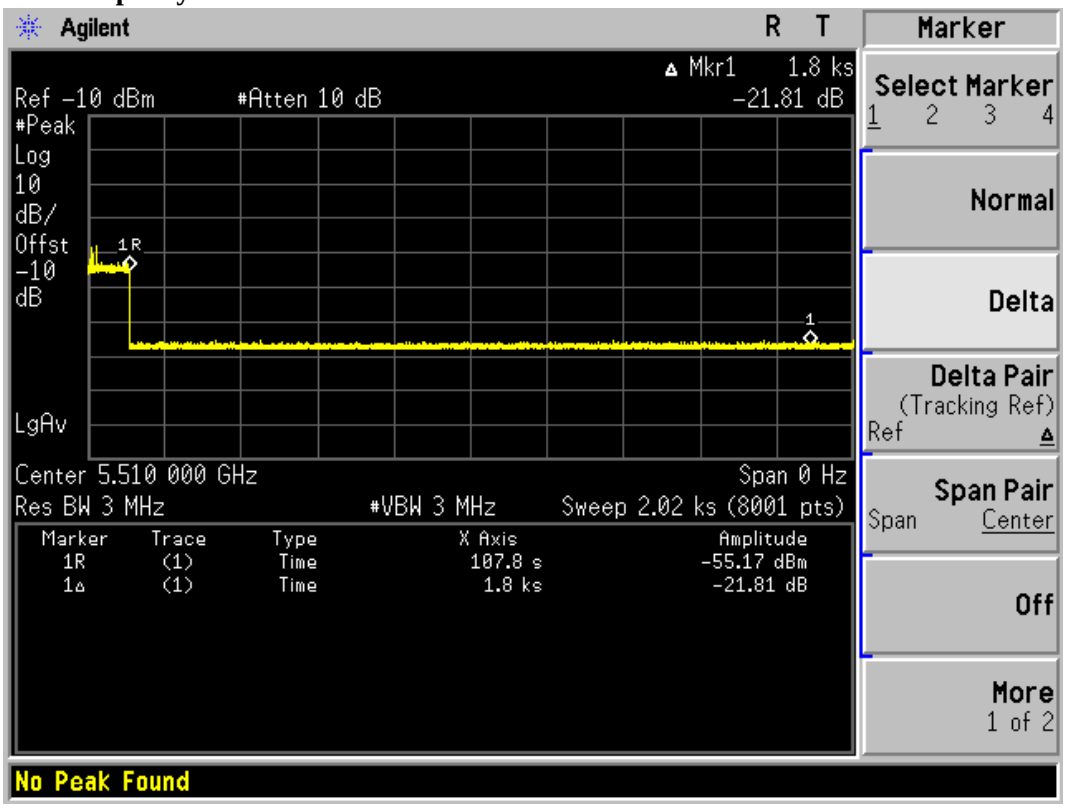
Product : SpectraGuard® Access Point / Sensor

Test Item : Non-Occupancy Period

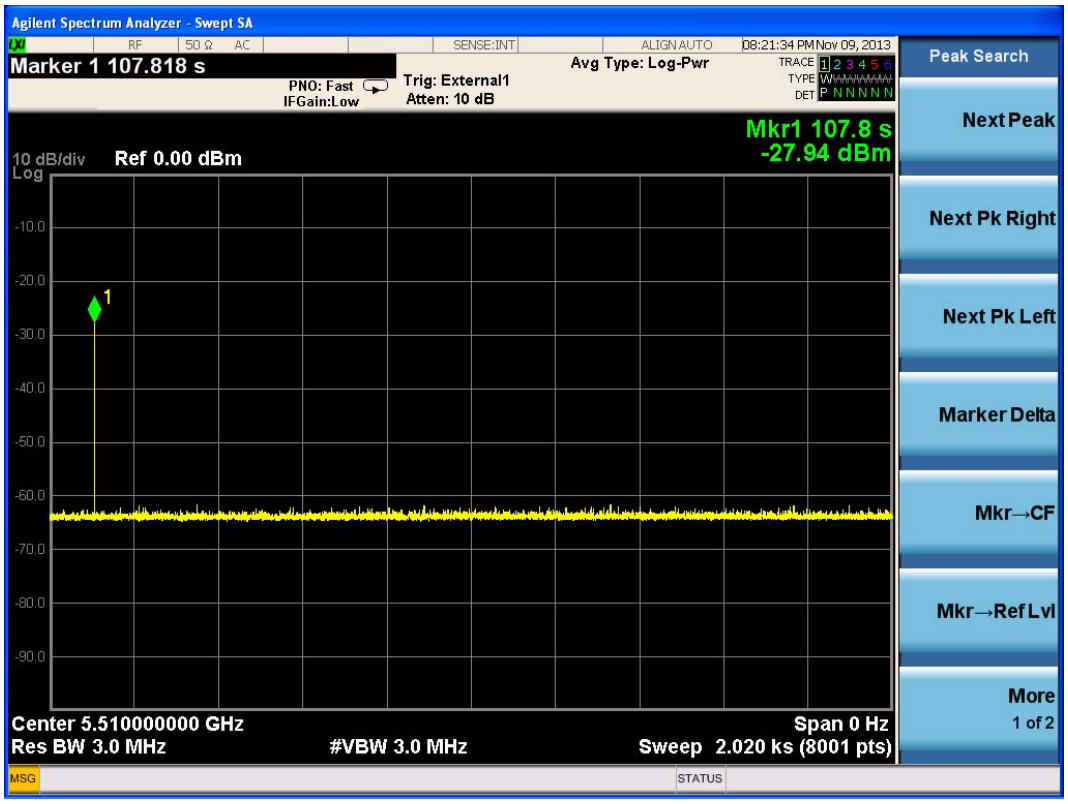
Radar Type : Type 1

Test Mode : Mode 4: Transmit (802.11n-40BW)_AR9590_3X3

Non-Occupancy Period at 5510 MHz



Radar Pulse of Trigger Time



Test Item	Test Result (Minutes)	Limit (Minutes)
Non-Occupancy Period	>30	>30

No EUT transmissions were observed on the test channel during 30 minutes observation time.

7. Statistical Performance Check

7.1. Test Procedure

The steps below define the procedure to determine the minimum percentage of detection when a radar burst with a level equal to the DFS Detection Threshold + 1dB (-63dBm) is generated on the

Operating Channel of the U-NII device.

A U-NII device operating as a Client Device will associate with the UUT (Master) at 5300MHz and 5510 MHz.

Stream the MPEG test file from the Master Device to the Client Device on the selected Channel for the entire period of the test.

The Radar Waveform generator sends the individual waveform for each of the radar types 1-6 at

-63dBm. Statistical data will be gathered to determine the ability of the device to detect the radar test waveforms. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trial runs.

7.2. Test Requirement

The 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.

Minimum percentage of successful detections

Radar Type	Minimum Percentage of Successful Detection	Minimum Number of Trials
1	60%	30
2	60%	30
3	60%	30
4	60%	30
Aggregate (Radar Types 1-4)	80%	120
5	80%	30
6	70%	30

The percentage of successful detection is calculated by:

$$\frac{TotalWaveformDetections}{TotalWaveformTrials} \times 100 \quad \text{=Probability of Detection Radar Waveform}$$

In addition an aggregate minimum percentage of successful detection across all Short Pulse Radar Types 1-4 is required and is calculated as follows:

$$\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4}$$

7.3. Uncertainty

± 1ms.

7.4. Test Result of Statistical Performance Check

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 1
Test Mode : Mode 1: Transmit (802.11n-20BW)_AR9350_2X2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5293	1	1428	18	1
2	5293	1	1428	18	1
3	5293	1	1428	18	1
4	5293	1	1428	18	1
5	5293	1	1428	18	1
6	5293	1	1428	18	1
7	5293	1	1428	18	1
8	5293	1	1428	18	1
9	5293	1	1428	18	1
10	5293	1	1428	18	0
11	5293	1	1428	18	1
12	5293	1	1428	18	1
13	5293	1	1428	18	1
14	5293	1	1428	18	1
15	5293	1	1428	18	1
16	5293	1	1428	18	1
17	5293	1	1428	18	1
18	5293	1	1428	18	1
19	5293	1	1428	18	1
20	5293	1	1428	18	1
21	5293	1	1428	18	1
22	5293	1	1428	18	1
23	5293	1	1428	18	1
24	5293	1	1428	18	1
25	5293	1	1428	18	1
26	5293	1	1428	18	1
27	5293	1	1428	18	1
28	5293	1	1428	18	1
29	5293	1	1428	18	1
30	5293	1	1428	18	1
Detection Percentage(%)					96.6%

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 1
Test Mode : Mode 2: Transmit (802.11n-40BW)_AR9350_2X2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5493	1	1428	18	1
2	5493	1	1428	18	1
3	5493	1	1428	18	1
4	5493	1	1428	18	1
5	5493	1	1428	18	1
6	5493	1	1428	18	1
7	5493	1	1428	18	1
8	5493	1	1428	18	1
9	5493	1	1428	18	1
10	5493	1	1428	18	1
11	5493	1	1428	18	1
12	5493	1	1428	18	1
13	5493	1	1428	18	1
14	5493	1	1428	18	1
15	5493	1	1428	18	1
16	5493	1	1428	18	1
17	5493	1	1428	18	1
18	5493	1	1428	18	1
19	5493	1	1428	18	1
20	5493	1	1428	18	1
21	5493	1	1428	18	1
22	5493	1	1428	18	1
23	5493	1	1428	18	1
24	5493	1	1428	18	1
25	5493	1	1428	18	1
26	5493	1	1428	18	1
27	5493	1	1428	18	1
28	5493	1	1428	18	1
29	5493	1	1428	18	1
30	5493	1	1428	18	1
Detection Percentage(%)					100%

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 1
Test Mode : Mode 3: Transmit (802.11n-20BW)_AR9590_3X3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5293	1	1428	18	1
2	5293	1	1428	18	1
3	5293	1	1428	18	1
4	5293	1	1428	18	1
5	5293	1	1428	18	1
6	5293	1	1428	18	1
7	5293	1	1428	18	1
8	5293	1	1428	18	1
9	5293	1	1428	18	1
10	5293	1	1428	18	1
11	5293	1	1428	18	1
12	5293	1	1428	18	1
13	5293	1	1428	18	1
14	5293	1	1428	18	1
15	5293	1	1428	18	1
16	5293	1	1428	18	1
17	5293	1	1428	18	1
18	5293	1	1428	18	1
19	5293	1	1428	18	1
20	5293	1	1428	18	1
21	5293	1	1428	18	1
22	5293	1	1428	18	1
23	5293	1	1428	18	1
24	5293	1	1428	18	1
25	5293	1	1428	18	1
26	5293	1	1428	18	1
27	5293	1	1428	18	1
28	5293	1	1428	18	1
29	5293	1	1428	18	1
30	5293	1	1428	18	1
Detection Percentage(%)					100%

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 1
Test Mode : Mode 4: Transmit (802.11n-40BW)_AR9590_3X3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5493	1	1428	18	1
2	5493	1	1428	18	1
3	5493	1	1428	18	1
4	5493	1	1428	18	1
5	5493	1	1428	18	1
6	5493	1	1428	18	1
7	5493	1	1428	18	1
8	5493	1	1428	18	1
9	5493	1	1428	18	1
10	5493	1	1428	18	1
11	5493	1	1428	18	1
12	5493	1	1428	18	0
13	5493	1	1428	18	1
14	5493	1	1428	18	1
15	5493	1	1428	18	1
16	5493	1	1428	18	1
17	5493	1	1428	18	0
18	5493	1	1428	18	1
19	5493	1	1428	18	1
20	5493	1	1428	18	1
21	5493	1	1428	18	1
22	5493	1	1428	18	1
23	5493	1	1428	18	1
24	5493	1	1428	18	1
25	5493	1	1428	18	1
26	5493	1	1428	18	1
27	5493	1	1428	18	1
28	5493	1	1428	18	1
29	5493	1	1428	18	1
30	5493	1	1428	18	1
Detection Percentage (%)					93.3%

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 2
Test Mode : Mode 1: Transmit (802.11n-20BW)_AR9350_2X2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5293	25	3.6	168	1
2	5293	28	2.0	228	1
3	5293	29	4.7	228	1
4	5293	23	2.3	230	0
5	5293	26	3.3	157	1
6	5293	29	4.6	176	1
7	5293	26	4.3	199	1
8	5293	26	2.5	230	0
9	5293	28	4.0	198	1
10	5293	28	3.4	168	1
11	5293	25	1.7	154	1
12	5293	23	1.4	210	1
13	5293	24	3.5	188	1
14	5293	28	4.7	181	1
15	5293	25	4.3	167	0
16	5293	25	4.5	164	1
17	5293	26	3.8	160	0
18	5293	28	3.8	204	1
19	5293	25	3.4	193	0
20	5293	28	3.4	197	0
21	5293	28	4.7	224	1
22	5293	27	2.2	177	1
23	5293	26	4.1	166	1
24	5293	23	1.5	229	1
25	5293	27	5.0	193	1
26	5293	25	4.5	222	1
27	5293	28	2.2	195	0
28	5293	28	1.1	152	1
29	5293	25	3.5	230	1
30	5293	25	1.3	179	1
Detection Percentage (%)					76.6%

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 2
Test Mode : Mode 2: Transmit (802.11n-40BW)_AR9350_2X2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5493	25	4.6	202	1
2	5493	26	4.2	227	1
3	5493	28	2.0	175	1
4	5493	27	4.8	175	1
5	5493	26	2.8	208	1
6	5493	25	4.7	212	1
7	5493	25	4.7	192	1
8	5493	24	3.8	164	1
9	5493	24	1.7	166	1
10	5493	27	3.3	227	1
11	5493	28	4.7	197	1
12	5493	26	4.3	198	1
13	5493	24	1.5	150	1
14	5493	27	4.0	154	1
15	5493	29	2.8	194	0
16	5493	24	4.0	219	1
17	5493	25	1.2	167	1
18	5493	26	3.4	156	1
19	5493	26	4.1	214	0
20	5493	26	4.1	166	0
21	5493	23	4.4	228	1
22	5493	29	4.7	196	1
23	5493	28	1.9	178	1
24	5493	23	1.9	156	1
25	5493	24	2.3	210	1
26	5493	26	4.7	190	1
27	5493	23	3.3	177	0
28	5493	23	1.5	174	1
29	5493	24	2.3	213	1
30	5493	24	1.2	205	1
Detection Percentage(%)					86.6%

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 2
Test Mode : Mode 3: Transmit (802.11n-20BW)_AR9590_3X3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5293	26	2.9	215	1
2	5293	27	4.0	194	1
3	5293	28	1.9	218	1
4	5293	29	3.0	152	1
5	5293	26	3.7	229	1
6	5293	23	2.5	214	1
7	5293	24	3.9	204	1
8	5293	28	3.2	170	1
9	5293	26	4.5	201	1
10	5293	23	2.2	194	1
11	5293	27	4.5	176	1
12	5293	23	3.4	211	1
13	5293	29	2.4	162	1
14	5293	23	3.6	191	1
15	5293	29	3.4	177	1
16	5293	23	2.7	230	1
17	5293	28	1.7	153	1
18	5293	26	3.9	228	1
19	5293	24	4.6	200	1
20	5293	27	1.3	155	1
21	5293	26	4.5	226	1
22	5293	28	2.4	185	1
23	5293	28	1.6	217	1
24	5293	23	1.5	215	1
25	5293	29	4.3	164	1
26	5293	29	2.9	183	1
27	5293	26	3.8	171	1
28	5293	23	1.9	206	1
29	5293	24	1.7	185	1
30	5293	28	2.8	150	1
Detection Percentage(%)					100%

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 2
Test Mode : Mode 4: Transmit (802.11n-40BW)_AR9590_3X3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5493	27	3.0	224	1
2	5493	24	3.0	158	1
3	5493	25	3.5	207	1
4	5493	23	1.1	187	1
5	5493	23	5.0	196	1
6	5493	25	1.3	229	1
7	5493	23	1.1	156	0
8	5493	24	4.2	172	1
9	5493	27	2.1	206	1
10	5493	28	3.9	170	1
11	5493	26	4.8	214	1
12	5493	24	3.3	208	1
13	5493	26	4.1	225	1
14	5493	26	3.5	225	1
15	5493	26	4.1	178	1
16	5493	25	3.1	154	1
17	5493	27	4.0	156	1
18	5493	29	2.3	195	0
19	5493	26	1.6	192	1
20	5493	28	1.9	217	1
21	5493	27	1.5	201	1
22	5493	23	3.5	202	1
23	5493	24	3.6	227	1
24	5493	25	4.4	169	0
25	5493	24	2.5	153	1
26	5493	27	1.7	159	0
27	5493	23	1.1	199	1
28	5493	28	1.8	187	1
29	5493	27	2.1	190	1
30	5493	29	1.4	187	1
Detection Percentage(%)					86.6%

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 3
Test Mode : Mode 1: Transmit (802.11n-20BW)_AR9350_2X2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5293	17	8.4	381	1
2	5293	17	6.6	295	1
3	5293	18	6.6	383	1
4	5293	18	8.7	381	1
5	5293	17	7.1	282	0
6	5293	18	8.3	380	1
7	5293	17	8.3	438	1
8	5293	18	6.2	311	1
9	5293	16	7.5	333	1
10	5293	17	7.8	381	0
11	5293	16	6.5	440	0
12	5293	16	7.1	368	1
13	5293	16	10.0	261	1
14	5293	18	6.1	438	1
15	5293	18	8.5	352	1
16	5293	17	6.3	453	0
17	5293	18	7.4	252	1
18	5293	17	8.6	283	1
19	5293	18	8.5	294	0
20	5293	16	9.8	320	1
21	5293	18	6.0	316	1
22	5293	17	6.3	487	1
23	5293	16	9.1	489	1
24	5293	16	9.1	443	1
25	5293	17	6.1	452	1
26	5293	18	7.1	320	1
27	5293	16	6.1	269	0
28	5293	17	8.1	290	0
29	5293	17	6.2	453	1
30	5293	16	6.7	402	0
Detection Percentage(%)					73.3%

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 3
Test Mode : Mode 2: Transmit (802.11n-40BW)_AR9350_2X2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5493	17	8.1	496	1
2	5493	16	8.6	256	1
3	5493	16	6.1	462	1
4	5493	18	7.5	490	1
5	5493	18	8.3	488	1
6	5493	16	9.1	373	1
7	5493	16	9.9	437	1
8	5493	17	7.0	494	1
9	5493	17	8.8	323	1
10	5493	17	9.6	433	1
11	5493	17	6.4	313	1
12	5493	16	9.8	254	1
13	5493	17	8.1	463	1
14	5493	17	9.8	393	1
15	5493	16	9.8	336	1
16	5493	18	9.6	310	1
17	5493	16	8.6	262	1
18	5493	17	8.5	423	0
19	5493	16	8.0	491	1
20	5493	17	9.3	280	1
21	5493	18	9.1	370	1
22	5493	16	9.6	488	1
23	5493	18	7.2	468	1
24	5493	16	9.7	259	1
25	5493	17	9.2	337	1
26	5493	16	8.4	284	1
27	5493	17	9.8	467	1
28	5493	17	6.1	373	1
29	5493	18	7.8	297	0
30	5493	16	9.7	300	0
Detection Percentage(%)					90%

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 3
Test Mode : Mode 3: Transmit (802.11n-20BW)_AR9590_3X3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5293	16	6.3	464	1
2	5293	16	6.9	321	1
3	5293	16	6.6	452	1
4	5293	18	8.7	372	1
5	5293	18	7.3	472	1
6	5293	18	7.0	299	1
7	5293	17	9.5	415	1
8	5293	18	7.3	365	1
9	5293	18	6.1	397	1
10	5293	16	9.4	273	1
11	5293	17	8.3	400	1
12	5293	18	8.1	405	1
13	5293	16	6.3	447	1
14	5293	16	9.3	270	1
15	5293	17	7.9	385	1
16	5293	16	6.3	300	0
17	5293	16	6.4	455	1
18	5293	16	6.4	410	1
19	5293	17	7.6	314	1
20	5293	16	8.6	402	1
21	5293	16	7.6	385	1
22	5293	16	7.0	452	1
23	5293	16	8.4	443	1
24	5293	17	7.1	404	1
25	5293	17	6.5	285	1
26	5293	16	9.5	263	1
27	5293	16	8.5	406	1
28	5293	16	8.8	269	1
29	5293	17	7.8	498	1
30	5293	17	7.2	455	1
Detection Percentage(%)					96.6%

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 3
Test Mode : Mode 4: Transmit (802.11n-40BW)_AR9590_3X3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5493	17	7.2	343	1
2	5493	16	7.7	468	1
3	5493	18	6.8	356	1
4	5493	18	9.2	436	1
5	5493	16	6.2	425	0
6	5493	17	8.9	287	1
7	5493	18	7.6	275	1
8	5493	18	6.1	289	1
9	5493	17	7.7	349	1
10	5493	17	6.1	278	1
11	5493	18	7.0	483	1
12	5493	17	7.0	263	1
13	5493	18	7.9	308	1
14	5493	16	8.6	395	0
15	5493	17	7.0	272	1
16	5493	18	8.8	318	1
17	5493	16	9.8	490	1
18	5493	18	8.8	419	1
19	5493	16	9.4	394	1
20	5493	18	9.6	370	1
21	5493	17	7.6	413	1
22	5493	18	9.1	372	1
23	5493	16	7.3	471	1
24	5493	16	8.9	250	1
25	5493	18	7.5	500	1
26	5493	16	7.1	264	1
27	5493	16	9.9	338	1
28	5493	17	7.2	319	1
29	5493	18	7.4	472	1
30	5493	16	9.4	277	1
Detection Percentage(%)					93.3%

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 4
Test Mode : Mode 1: Transmit (802.11n-20BW)_AR9350_2X2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5293	12	16.3	434	1
2	5293	15	14.1	435	1
3	5293	15	16.8	446	0
4	5293	15	17.4	376	1
5	5293	12	18.2	426	1
6	5293	16	11.2	412	1
7	5293	13	18.5	338	1
8	5293	12	15.6	349	1
9	5293	15	11.6	458	0
10	5293	12	14.6	380	1
11	5293	15	15.2	278	1
12	5293	12	11.5	338	0
13	5293	13	13.8	334	0
14	5293	12	11.0	312	1
15	5293	15	16.4	387	1
16	5293	14	16.2	367	1
17	5293	12	16.5	426	1
18	5293	16	19.3	252	1
19	5293	13	13.2	275	1
20	5293	14	19.4	251	0
21	5293	13	14.1	347	1
22	5293	14	17.4	285	1
23	5293	15	18.3	494	1
24	5293	14	17.0	448	1
25	5293	12	12.7	252	1
26	5293	12	12.2	396	1
27	5293	16	17.4	324	1
28	5293	15	16.8	376	1
29	5293	16	13.9	264	0
30	5293	15	15.8	460	1
Detection Percentage(%)					80%

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 4
Test Mode : Mode 2: Transmit (802.11n-40BW)_AR9350_2X2

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5493	15	18.2	455	1
2	5493	12	13.2	417	0
3	5493	14	11.0	275	1
4	5493	16	19.6	280	1
5	5493	13	19.8	350	1
6	5493	15	14.9	439	1
7	5493	14	15.2	466	1
8	5493	15	19.2	258	1
9	5493	16	14.4	458	1
10	5493	15	14.3	413	1
11	5493	13	18.3	459	1
12	5493	12	16.6	378	1
13	5493	12	15.1	327	1
14	5493	14	13.6	482	1
15	5493	12	11.5	447	1
16	5493	12	13.6	486	1
17	5493	13	11.0	309	1
18	5493	13	18.5	277	1
19	5493	15	15.0	304	1
20	5493	15	15.0	347	1
21	5493	14	12.3	447	1
22	5493	16	11.6	418	1
23	5493	12	12.6	423	1
24	5493	14	11.2	484	1
25	5493	14	11.3	252	1
26	5493	13	18.7	290	1
27	5493	13	18.5	257	0
28	5493	14	17.0	463	1
29	5493	15	19.9	401	1
30	5493	14	18.5	319	1
Detection Percentage(%)					93.3%

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 4
Test Mode : Mode 3: Transmit (802.11n-20BW)_AR9590_3X3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5293	15	14.2	460	1
2	5293	16	11.8	387	1
3	5293	15	11.7	368	1
4	5293	13	12.0	397	1
5	5293	12	18.1	307	1
6	5293	12	19.1	318	1
7	5293	15	17.2	344	1
8	5293	13	14.3	416	0
9	5293	15	16.1	485	1
10	5293	15	18.0	448	1
11	5293	16	11.9	416	1
12	5293	14	18.0	366	1
13	5293	16	12.0	465	1
14	5293	14	14.1	401	1
15	5293	16	18.3	326	1
16	5293	13	15.3	414	1
17	5293	14	11.6	280	1
18	5293	13	14.8	287	1
19	5293	14	11.7	377	0
20	5293	13	13.0	490	0
21	5293	14	11.6	259	1
22	5293	14	17.9	432	1
23	5293	16	17.7	374	1
24	5293	13	11.2	495	1
25	5293	14	19.7	394	1
26	5293	12	15.6	303	1
27	5293	16	19.5	305	1
28	5293	12	14.6	333	0
29	5293	15	15.3	494	0
30	5293	16	17.1	428	1
Detection Percentage (%)					83.3%

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 4
Test Mode : Mode 4: Transmit (802.11n-40BW)_AR9590_3X3

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5493	13	14.1	345	1
2	5493	13	14.1	494	1
3	5493	14	18.4	304	1
4	5493	15	16.2	266	1
5	5493	16	19.8	285	1
6	5493	16	16.2	415	1
7	5493	14	17.3	424	1
8	5493	14	16.5	459	1
9	5493	12	15.0	338	1
10	5493	12	18.4	476	1
11	5493	15	18.0	413	1
12	5493	12	12.1	350	1
13	5493	12	11.3	395	1
14	5493	13	14.3	328	1
15	5493	15	17.6	379	1
16	5493	14	12.0	326	1
17	5493	16	17.0	492	1
18	5493	16	18.7	490	1
19	5493	14	17.0	272	1
20	5493	12	13.4	312	1
21	5493	12	18.8	450	1
22	5493	15	12.7	388	1
23	5493	14	13.8	356	1
24	5493	12	13.3	495	1
25	5493	15	18.3	335	1
26	5493	14	19.0	395	1
27	5493	14	11.5	295	1
28	5493	14	15.5	267	1
29	5493	15	12.7	405	1
30	5493	14	16.3	284	1
Detection Percentage (%)					100%

Mode 1

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	96.6	>60%	Pass
2	76.6	>60%	Pass
3	73.3	>60%	Pass
4	80	>60%	Pass
Total Type 1~4	81.625	>80%	Pass

Mode 2

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	100	>60%	Pass
2	86.6	>60%	Pass
3	90	>60%	Pass
4	93.3	>60%	Pass
Total Type 1~4	92.475	>80%	Pass

Mode 3

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	100	>60%	Pass
2	100	>60%	Pass
3	96.6	>60%	Pass
4	83.3	>60%	Pass
Total Type 1~4	94.975	>80%	Pass

Mode 4

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	93.3	>60%	Pass
2	86.6	>60%	Pass
3	93.3	>60%	Pass
4	100	>60%	Pass
Total Type 1~4	93.3	>80%	Pass

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 5
Test Mode : Mode 1: Transmit (802.11n-20BW)_AR9350_2X2

Trial #	Frequency (MHz)	***Filename**	1= Detection 0= No Detection
1	5293	Statistical Check RandParm For Radar Type 5 1 trail	1
2	5293	Statistical Check RandParm For Radar Type 5 2 trail	1
3	5293	Statistical Check RandParm For Radar Type 5 3 trail	1
4	5293	Statistical Check RandParm For Radar Type 5 4 trail	1
5	5293	Statistical Check RandParm For Radar Type 5 5 trail	1
6	5293	Statistical Check RandParm For Radar Type 5 6 trail	1
7	5293	Statistical Check RandParm For Radar Type 5 7 trail	1
8	5293	Statistical Check RandParm For Radar Type 5 8 trail	1
9	5293	Statistical Check RandParm For Radar Type 5 9 trail	1
10	5293	Statistical Check RandParm For Radar Type 5 10 trail	1
11	5293	Statistical Check RandParm For Radar Type 5 11 trail	1
12	5293	Statistical Check RandParm For Radar Type 5 12 trail	1
13	5293	Statistical Check RandParm For Radar Type 5 13 trail	1
14	5293	Statistical Check RandParm For Radar Type 5 14 trail	1
15	5293	Statistical Check RandParm For Radar Type 5 15 trail	1
16	5293	Statistical Check RandParm For Radar Type 5 16 trail	1
17	5293	Statistical Check RandParm For Radar Type 5 17 trail	1
18	5293	Statistical Check RandParm For Radar Type 5 18 trail	1
19	5293	Statistical Check RandParm For Radar Type 5 19 trail	1
20	5293	Statistical Check RandParm For Radar Type 5 20 trail	1
21	5293	Statistical Check RandParm For Radar Type 5 21 trail	1
22	5293	Statistical Check RandParm For Radar Type 5 22 trail	1
23	5293	Statistical Check RandParm For Radar Type 5 23 trail	1
24	5293	Statistical Check RandParm For Radar Type 5 24 trail	1
25	5293	Statistical Check RandParm For Radar Type 5 25 trail	1
26	5293	Statistical Check RandParm For Radar Type 5 26 trail	1
27	5293	Statistical Check RandParm For Radar Type 5 27 trail	1
28	5293	Statistical Check RandParm For Radar Type 5 28 trail	1
29	5293	Statistical Check RandParm For Radar Type 5 29 trail	1
30	5293	Statistical Check RandParm For Radar Type 5 30 trail	1
Detection Percentage (%)			100

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 5
Test Mode : Mode 2: Transmit (802.11n-40BW)_AR9350_2X2

Trial #	Frequency (MHz)	*Filename	1= Detection 0= No Detection
1	5493	Statistical Check RandParm For Radar Type 5 1 trail	1
2	5493	Statistical Check RandParm For Radar Type 5 2 trail	1
3	5493	Statistical Check RandParm For Radar Type 5 3 trail	1
4	5493	Statistical Check RandParm For Radar Type 5 4 trail	1
5	5493	Statistical Check RandParm For Radar Type 5 5 trail	0
6	5493	Statistical Check RandParm For Radar Type 5 6 trail	1
7	5493	Statistical Check RandParm For Radar Type 5 7 trail	1
8	5493	Statistical Check RandParm For Radar Type 5 8 trail	1
9	5493	Statistical Check RandParm For Radar Type 5 9 trail	1
10	5493	Statistical Check RandParm For Radar Type 5 10 trail	1
11	5493	Statistical Check RandParm For Radar Type 5 11 trail	0
12	5493	Statistical Check RandParm For Radar Type 5 12 trail	1
13	5493	Statistical Check RandParm For Radar Type 5 13 trail	1
14	5493	Statistical Check RandParm For Radar Type 5 14 trail	1
15	5493	Statistical Check RandParm For Radar Type 5 15 trail	1
16	5493	Statistical Check RandParm For Radar Type 5 16 trail	1
17	5493	Statistical Check RandParm For Radar Type 5 17 trail	1
18	5493	Statistical Check RandParm For Radar Type 5 18 trail	1
19	5493	Statistical Check RandParm For Radar Type 5 19 trail	1
20	5493	Statistical Check RandParm For Radar Type 5 20 trail	1
21	5493	Statistical Check RandParm For Radar Type 5 21 trail	1
22	5493	Statistical Check RandParm For Radar Type 5 22 trail	1
23	5493	Statistical Check RandParm For Radar Type 5 23 trail	1
24	5493	Statistical Check RandParm For Radar Type 5 24 trail	1
25	5493	Statistical Check RandParm For Radar Type 5 25 trail	0
26	5493	Statistical Check RandParm For Radar Type 5 26 trail	1
27	5493	Statistical Check RandParm For Radar Type 5 27 trail	1
28	5493	Statistical Check RandParm For Radar Type 5 28 trail	1
29	5493	Statistical Check RandParm For Radar Type 5 29 trail	1
30	5493	Statistical Check RandParm For Radar Type 5 30 trail	1
Detection Percentage (%)			90

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 5
Test Mode : Mode 3: Transmit (802.11n-20BW)_AR9590_3X3

Trial #	Frequency (MHz)	***Filename**	1= Detection 0= No Detection
1	5293	Statistical Check RandParm For Radar Type 5 1 trail	1
2	5293	Statistical Check RandParm For Radar Type 5 2 trail	1
3	5293	Statistical Check RandParm For Radar Type 5 3 trail	1
4	5293	Statistical Check RandParm For Radar Type 5 4 trail	1
5	5293	Statistical Check RandParm For Radar Type 5 5 trail	1
6	5293	Statistical Check RandParm For Radar Type 5 6 trail	0
7	5293	Statistical Check RandParm For Radar Type 5 7 trail	1
8	5293	Statistical Check RandParm For Radar Type 5 8 trail	1
9	5293	Statistical Check RandParm For Radar Type 5 9 trail	1
10	5293	Statistical Check RandParm For Radar Type 5 10 trail	0
11	5293	Statistical Check RandParm For Radar Type 5 11 trail	1
12	5293	Statistical Check RandParm For Radar Type 5 12 trail	1
13	5293	Statistical Check RandParm For Radar Type 5 13 trail	1
14	5293	Statistical Check RandParm For Radar Type 5 14 trail	1
15	5293	Statistical Check RandParm For Radar Type 5 15 trail	1
16	5293	Statistical Check RandParm For Radar Type 5 16 trail	1
17	5293	Statistical Check RandParm For Radar Type 5 17 trail	1
18	5293	Statistical Check RandParm For Radar Type 5 18 trail	1
19	5293	Statistical Check RandParm For Radar Type 5 19 trail	1
20	5293	Statistical Check RandParm For Radar Type 5 20 trail	1
21	5293	Statistical Check RandParm For Radar Type 5 21 trail	1
22	5293	Statistical Check RandParm For Radar Type 5 22 trail	1
23	5293	Statistical Check RandParm For Radar Type 5 23 trail	1
24	5293	Statistical Check RandParm For Radar Type 5 24 trail	1
25	5293	Statistical Check RandParm For Radar Type 5 25 trail	1
26	5293	Statistical Check RandParm For Radar Type 5 26 trail	1
27	5293	Statistical Check RandParm For Radar Type 5 27 trail	1
28	5293	Statistical Check RandParm For Radar Type 5 28 trail	1
29	5293	Statistical Check RandParm For Radar Type 5 29 trail	1
30	5293	Statistical Check RandParm For Radar Type 5 30 trail	1
Detection Percentage (%)			93.3

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 5
Test Mode : Mode 4: Transmit (802.11n-40BW)_AR9590_3X3

Trial #	Frequency (MHz)	*Filename	1= Detection 0= No Detection
1	5493	Statistical Check RandParm For Radar Type 5 1 trail	1
2	5493	Statistical Check RandParm For Radar Type 5 2 trail	1
3	5493	Statistical Check RandParm For Radar Type 5 3 trail	1
4	5493	Statistical Check RandParm For Radar Type 5 4 trail	1
5	5493	Statistical Check RandParm For Radar Type 5 5 trail	1
6	5493	Statistical Check RandParm For Radar Type 5 6 trail	1
7	5493	Statistical Check RandParm For Radar Type 5 7 trail	1
8	5493	Statistical Check RandParm For Radar Type 5 8 trail	1
9	5493	Statistical Check RandParm For Radar Type 5 9 trail	1
10	5493	Statistical Check RandParm For Radar Type 5 10 trail	1
11	5493	Statistical Check RandParm For Radar Type 5 11 trail	1
12	5493	Statistical Check RandParm For Radar Type 5 12 trail	1
13	5493	Statistical Check RandParm For Radar Type 5 13 trail	1
14	5493	Statistical Check RandParm For Radar Type 5 14 trail	1
15	5493	Statistical Check RandParm For Radar Type 5 15 trail	1
16	5493	Statistical Check RandParm For Radar Type 5 16 trail	1
17	5493	Statistical Check RandParm For Radar Type 5 17 trail	1
18	5493	Statistical Check RandParm For Radar Type 5 18 trail	1
19	5493	Statistical Check RandParm For Radar Type 5 19 trail	1
20	5493	Statistical Check RandParm For Radar Type 5 20 trail	1
21	5493	Statistical Check RandParm For Radar Type 5 21 trail	1
22	5493	Statistical Check RandParm For Radar Type 5 22 trail	1
23	5493	Statistical Check RandParm For Radar Type 5 23 trail	1
24	5493	Statistical Check RandParm For Radar Type 5 24 trail	1
25	5493	Statistical Check RandParm For Radar Type 5 25 trail	1
26	5493	Statistical Check RandParm For Radar Type 5 26 trail	1
27	5493	Statistical Check RandParm For Radar Type 5 27 trail	1
28	5493	Statistical Check RandParm For Radar Type 5 28 trail	1
29	5493	Statistical Check RandParm For Radar Type 5 29 trail	1
30	5493	Statistical Check RandParm For Radar Type 5 30 trail	1
Detection Percentage (%)			100

Waveform Num = 1
Num of Bursts = 11
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	108956	1	16	100	1533	0	0	108956	0	1090908
2	1125376	2	14	95	1304	1012	0	1235865	1090909	2181817
3	995790	1	5	50	1682	0	0	2233971	2181818	3272726
4	1183753	2	16	90	1053	1189	0	3419406	3272727	4363635
5	1791947	1	14	60	1553	0	0	5213595	4363636	5454544
6	587800	2	16	85	1740	1140	0	5802948	5454545	6545453
7	1455437	1	15	100	1800	0	0	7261265	6545454	7636362
8	793052	2	15	75	1099	1475	0	8056117	7636363	8727271
9	1535694	3	19	95	1712	1368	1889	9594385	8727272	9818180
10	301598	3	17	65	1653	1322	1505	9900952	9818181	10909089
11	1392846	3	17	65	1320	1724	1157	11298278	10909090	11999998

Total number of pulses in waveform = 21
****

Waveform Num = 2
Num of Bursts = 13
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	19383	1	8	95	1438	0	0	19383	0	923076
2	963874	3	8	60	1493	1319	1219	984695	923077	1846153
3	1254792	3	19	55	1506	1845	1005	2243518	1846154	2769230
4	1238100	1	7	55	1553	0	0	3485974	2769231	3692307
5	857184	1	10	95	1156	0	0	4344711	3692308	4615384
6	1120736	3	6	65	1326	1406	1695	5466603	4615385	5538461
7	723241	3	9	90	1996	1229	1798	6194271	5538462	6461538
8	379302	3	5	50	1113	1297	1638	6578596	6461539	7384615
9	1062995	2	8	55	1619	1025	0	7645639	7384616	8307692
10	977529	1	13	65	1447	0	0	8625812	8307693	9230769
11	718982	1	5	95	1128	0	0	9346241	9230770	10153846
12	1565802	1	15	60	1638	0	0	10913171	10153847	11076923
13	968594	1	14	80	1503	0	0	11883403	11076924	12000000

Total number of pulses in waveform = 24
****

Waveform Num = 3
Num of Bursts = 10
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	712350	2	16	75	1970	1291	0	712350	0	1199999
2	907468	2	20	55	1061	1505	0	1623079	1200000	2399999
3	1432716	2	14	70	1378	1811	0	3058361	2400000	3599999
4	813166	3	6	55	1889	1538	1468	3874716	3600000	4799999
5	1209371	3	13	50	1926	1726	1570	5088982	4800000	5999999
6	1017644	3	18	60	1508	1679	1425	6111848	6000000	7199999
7	1772562	1	8	70	1007	0	0	7889022	7200000	8399999
8	1034879	2	16	70	1346	1878	0	8924908	8400000	9599999
9	1328999	3	15	100	1334	1845	1622	10257131	9600000	10799999
10	1181113	2	13	100	1599	1388	0	11443045	10800000	11999999

Total number of pulses in waveform = 23
****

Waveform Num = 4
Num of Bursts = 8
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	810325	1	20	55	1591	0	0	810325	0	1499999
2	896530	2	18	50	1066	1711	0	1708446	1500000	2999999
3	1680930	3	15	70	1277	1213	1606	3392153	3000000	4499999
4	2158021	2	8	100	1205	1857	0	5554270	4500000	5999999
5	1498904	3	9	85	1219	1854	1478	7056236	6000000	7499999
6	1448135	2	7	60	1074	1047	0	8508922	7500000	8999999
7	1201643	2	6	90	1454	1574	0	9712686	9000000	10499999
8	1769565	3	9	70	1884	1905	1003	11485279	10500000	11999999

Total number of pulses in waveform = 18
****

Waveform Num = 5
Num of Bursts = 13
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	633971	3	16	95	1901	1519	1659	633971	0	923076
2	589609	3	7	95	1912	1736	1571	1228659	923077	1846153
3	967674	3	11	95	1956	1876	1905	2201552	1846154	2769230
4	960921	2	10	60	1549	1865	0	3168210	2769231	3692307
5	1052436	3	6	50	1763	1571	1152	4224060	3692308	4615384
6	610068	1	8	70	1609	0	0	4838614	4615385	5538461
7	891396	1	10	80	1322	0	0	5731619	5538462	6461538
8	766955	1	9	90	1229	0	0	6499896	6461539	7384615
9	1353494	1	17	60	1408	0	0	7854619	7384616	8307692
10	685506	2	19	55	1835	1081	0	8541533	8307693	9230769
11	1307890	3	12	80	1938	1844	1133	9852339	9230770	10153846
12	359584	2	15	85	1803	1441	0	10216838	10153847	11076923
13	1312947	3	12	90	1583	1237	1145	11533029	11076924	12000000

Total number of pulses in waveform = 28
****

Waveform Num = 6
Num of Bursts = 11
Burst Interval (us)= 1090909

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	302626	3	13	60	1693	1066	1688	302626	0	1090908
2	1795511	1	7	100	1343	0	0	2102584	1090909	2181817
3	902182	3	7	55	1340	1520	1887	3006109	2181818	3272726
4	681917	1	6	70	1036	0	0	3692773	3272727	4363635
5	1716752	2	7	90	1794	1453	0	5410561	4363636	5454544
6	916864	2	18	85	1457	1963	0	6330672	5454545	6545453
7	1119999	2	17	100	1167	1204	0	7454091	6545454	7636362
8	339696	2	9	60	1290	1947	0	7796158	7636363	8727271
9	1463681	1	11	70	1786	0	0	9263076	8727272	9818180
10	1238994	1	18	70	1397	0	0	10503856	9818181	10909089
11	827731	3	6	80	1204	1791	1854	11332984	10909090	11999998

Total number of pulses in waveform = 21
****

Waveform Num = 7
Num of Bursts = 17
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	114527	5	60	1442	0	0	114527	0	705881	685679
2	719138	16	65	1779	1502	1360	801648	705882	1411763	989762
3	382335	13	65	1330	1260	0	1525427	1411764	2117645	698361
4	649736	12	60	1685	1139	0	2517779	2117646	2823527	1136627
5	385175	13	90	1116	1713	0	2902938	2823528	3529409	1181569
6	385969	18	95	1781	1197	0	3604128	3529410	4235291	555726
7	791873	11	60	1392	1939	0	4256842	4235292	4941173	957541
8	551259	6	70	1545	1958	1414	5396800	4941174	5647055	530913
9	748167	15	95	1989	0	0	5786892	5647056	6352937	
10		13	80	1722	0	0	6970450	6352938	7058819	
11		8	75	1755	0	0	7358141	7058820	7764701	
12		11	85	1420	1324	0	7915622	7764702	8470583	
13		6	75	1660	1077	1411	8710239	8470584	9176465	
14		11	75	1274	1513	1333	9671928	9176466	9882347	
15		20	75	1184	1900	1131	10227307	9882348	10588229	
16		20	65	1552	1529	1614	10762435	10588230	11294111	
17		19	90	1128	1502	1403	11515297	11294112	11999993	

Total number of pulses in waveform = 37
****

Waveform Num = 8
Num of Bursts = 15
Burst Interval (us)= 800000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	318212	13	95	1462	0	0	318212	0	799999	904415
2	565452	5	85	1365	1198	0	1224089	800000	1599999	903766
3	836275	6	60	1631	1762	1441	2700763	2400000	3199999	927472
4	886969	9	80	1798	0	0	4470753	4000000	4799999	892543
5	767313	5	80	1273	1849	1330	5359520	4800000	5599999	388718
6	830465	10	70	1374	1237	1961	7028690	6400000	7199999	576914
7	939484	9	100	1603	1644	0	7421980	7200000	7999999	1220302
8	892298	20	75	1041	1597	1489	8255692	8000000	8799999	1
9	1	12	70	1375	1217	1324	8836733	8800000	9599999	3
10	3	13	85	1273	1290	1611	9780133	9600000	10399999	2
11	2	5	75	1567	1170	0	11004609	10400000	11199999	1
12	1	17	60	1714	0	0	11899644	11200000	11999999	
13										
14										
15										

Total number of pulses in waveform = 34
****

Waveform Num = 9
Num of Bursts = 20
Burst Interval (us)= 600000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	557924	1	16	85	1942	0	0	557924	0	599999
2	484668	2	10	85	1411	1145	0	1044534	600000	1199999
3	532476	1	18	95	1672	0	0	1579566	1200000	1799999
4	465840	2	14	50	1781	1532	0	2047078	1800000	2399999
5	572839	3	9	100	1717	1323	1610	2623230	2400000	2999999
6	473418	2	18	90	1341	1763	0	3101298	3000000	3599999
7	558841	2	7	100	1851	1322	0	3663243	3600000	4199999
8	759557	2	9	55	1576	1668	0	4425973	4200000	4799999
9	547302	3	20	90	1150	1267	1489	4976519	4800000	5399999
10	833040	3	16	60	1796	1363	1663	5813465	5400000	5999999
11	638370	3	10	65	1279	1671	1283	6456657	6000000	6599999
12	159788	1	20	80	1620	0	0	6620678	6600000	7199999
13	1157344	1	12	70	1205	0	0	7779642	7200000	7799999
14	430805	3	6	75	1474	1135	1421	8211652	7800000	8399999
15	696445	3	16	65	1393	1501	1773	8912127	8400000	8999999
16	394983	3	11	85	1672	1286	1620	9311777	9000000	9599999
17	607778	3	5	70	1471	1496	1478	9924133	9600000	10199999
18	455855	3	14	75	1399	1300	1864	10384433	10200000	10799999
19	986250	3	13	85	1920	1258	1244	11375246	10800000	11399999
20	530886	3	20	50	1609	1562	1274	11910554	11400000	11999999

Total number of pulses in waveform = 47
****

Waveform Num = 10
Num of Bursts = 17
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	174150	1	12	100	1262	0	0	174150	0	705881
2	1149251	3	6	50	1460	1553	1857	1324663	705882	1411763
3	432075	3	14	85	1033	1042	1824	1761608	1411764	2117645
4	990293	1	10	85	1953	0	0	2755800	2117646	2823527
5	651797	3	14	75	1689	1662	1962	3409550	2823528	3529409
6	429266	2	8	50	1027	1292	0	3844129	3529410	4235291
7	620360	1	7	50	1963	0	0	4466808	4235292	4941173
8	789678	3	20	50	1158	1120	1108	5258449	4941174	5647055
9	711596	3	14	80	1178	1907	1021	5973431	5647056	6352937
10	738607	3	12	60	1623	1336	1504	6716144	6352938	7058819
11	603460	2	18	90	1566	1162	0	7324067	7058820	7764701
12	1036664	3	8	55	1574	1028	1983	8363459	7764702	8470583
13	424161	3	14	65	1332	1665	1395	8792205	8470584	9176465
14	748751	1	7	50	1675	0	0	9545348	9176466	9882347
15	492476	2	9	60	1077	1701	0	10039499	9882348	10588229
16	1119896	3	17	70	1955	1105	1279	11162173	10588230	11294111
17	696945	1	12	55	1575	0	0	11863457	11294112	11999993

Total number of pulses in waveform = 38
****

Waveform Num = 11
Num of Bursts = 12
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	446328	1	17	100	1687	0	0	446328	0	999999
2	829013	1	10	80	1414	0	0	1277028	1000000	1999999
3	845169	1	7	90	1798	0	0	2123611	2000000	2999999
4	1380660	2	13	55	1317	1315	0	3506069	3000000	3999999
5	1367411	1	20	65	1898	0	0	4876112	4000000	4999999
6	472665	1	12	70	1196	0	0	5350675	5000000	5999999
7	1379691	2	8	90	1730	1326	0	6731562	6000000	6999999
8	799768	3	15	65	1083	1434	1271	7534386	7000000	7999999
9	1016596	1	9	70	1696	0	0	8554770	8000000	8999999
10	1289913	2	5	60	1615	1500	0	9846379	9000000	9999999
11	605852	1	13	65	1161	0	0	10455346	10000000	10999999
12	1422612	2	7	85	1597	1281	0	11879119	11000000	11999999

Total number of pulses in waveform = 18
****

Waveform Num = 12
Num of Bursts = 18
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	450430	1	11	65	1749	0	0	450430	0	666666
2	696928	3	7	75	1901	1976	1728	1149107	666667	1333333
3	797581	2	6	95	1228	1711	0	1952293	1333334	2000000
4	331669	1	17	60	1037	0	0	2286901	2000001	2666667
5	954736	3	20	85	1150	1136	1152	3242674	2666668	3333334
6	504908	2	7	75	1117	1116	0	3751020	3333335	4000001
7	297537	1	18	70	1759	0	0	4050790	4000002	4666668
8	661030	2	8	75	1699	1598	0	4713579	4666669	5333335
9	1017864	1	20	75	1588	0	0	5734740	5333336	6000002
10	290629	3	15	65	1606	1377	1043	6026957	6000003	6666669
11	1221374	1	12	100	1928	0	0	7252357	6666670	7333336
12	675958	3	16	70	1378	1967	1307	7930243	7333337	8000003
13	169496	2	8	60	1079	1241	0	8104391	8000004	8666670
14	1119889	3	7	55	1361	1895	1581	9226600	8666671	9333337
15	215827	2	18	100	1755	1298	0	9447264	9333338	10000004
16	891087	3	12	85	1565	1230	1664	10341404	10000005	10666671
17	656089	1	11	55	1104	0	0	11001952	10666672	11333338
18	464824	2	8	70	1201	1645	0	11467880	11333339	12000005

Total number of pulses in waveform = 36
****

Waveform Num = 13
Num of Bursts = 10
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	948244	3	6	100	1198	1885	1104	948244	0	1199999
2	648711	1	15	70	1152	0	0	1601142	1200000	2399999
3	1050038	2	11	100	1681	1100	0	2652332	2400000	3599999
4	1537969	3	19	50	1342	1533	1535	4193082	3600000	4799999
5	988800	2	8	85	1335	1423	0	5186292	4800000	5999999
6	905118	2	15	90	1469	1827	0	6094168	6000000	7199999
7	2194430	1	20	70	1344	0	0	8291894	7200000	8399999
8	605354	1	12	70	1116	0	0	8898592	8400000	9599999
9	947389	3	14	60	1023	1157	1094	9847097	9600000	10799999
10	1331524	1	8	75	1297	0	0	11181895	10800000	11999999

Total number of pulses in waveform = 19
****

Waveform Num = 14
Num of Bursts = 12
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	75596	1	11	75	1338	0	0	75596	0	999999
2	1722011	2	17	90	1280	1343	0	1798945	1000000	1999999
3	807027	3	16	85	1947	1345	1163	2608595	2000000	2999999
4	544138	3	10	60	1368	1645	1382	3157188	3000000	3999999
5	1096756	3	6	95	1176	1350	1944	4258339	4000000	4999999
6	1141897	3	6	95	1101	1462	1261	5404706	5000000	5999999
7	665336	3	19	90	1828	1184	1953	6073866	6000000	6999999
8	1482931	2	16	100	1547	1972	0	7561762	7000000	7999999
9	538821	3	14	85	1253	1748	1425	8104102	8000000	8999999
10	1164717	2	10	100	1669	1577	0	9273245	9000000	9999999
11	1020271	3	9	100	1931	1083	1253	10296762	10000000	10999999
12	1671441	1	11	65	1255	0	0	11972470	11000000	11999999

Total number of pulses in waveform = 29
****

Waveform Num = 15
Num of Bursts = 8
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	589697	3	15	60	1345	1580	1732	589697	0	1499999
2	1461739	3	14	100	1142	1969	1288	2056093	1500000	2999999
3	971080	3	5	70	1397	1550	1818	3031572	3000000	4499999
4	2608403	3	18	70	1075	1483	1681	5644740	4500000	5999999
5	1204493	2	20	95	1763	1272	0	6853472	6000000	7499999
6	997516	3	9	70	1767	1088	1517	7854023	7500000	8999999
7	2290102	2	7	95	1050	1046	0	10148497	9000000	10499999
8	1685595	2	8	50	1612	1580	0	11836188	10500000	11999999

Total number of pulses in waveform = 21
****

Waveform Num = 16
Num of Bursts = 10
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	916833	3	11	80	1604	1553	1440	916833	0	1199999
2	738996	1	6	85	1718	0	0	1660426	1200000	2399999
3	1288857	3	9	60	1435	1536	1808	2951001	2400000	3599999
4	1704968	2	19	50	1227	1263	0	4660748	3600000	4799999
5	739247	3	6	85	1951	1041	1073	5402485	4800000	5999999
6	1195153	1	12	70	1815	0	0	6601703	6000000	7199999
7	602258	3	17	80	1944	1140	1300	7205776	7200000	8399999
8	1461207	1	13	80	1305	0	0	8671367	8400000	9599999
9	2019091	3	5	85	1623	1213	1498	10691763	9600000	10799999
10	882111	2	20	50	1295	1564	0	11578208	10800000	11999999

Total number of pulses in waveform = 22
****

Waveform Num = 17
Num of Bursts = 17
Burst Interval (us)= 705882

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	354345	3	11	55	1694	1124	1261	354345	0	705881
2	359331	3	9	95	1974	1411	1840	717755	705882	1411763
3	1340322	1	13	90	1540	0	0	2063302	1411764	2117645
4	749677	3	19	60	1323	1999	1921	2814519	2117646	2823527
5	657661	1	13	50	1344	0	0	3477423	2823528	3529409
6	286890	1	15	50	1783	0	0	3765657	3529410	4235291
7	682324	2	8	75	1833	1617	0	4449764	4235292	4941173
8	585742	1	13	65	1922	0	0	5038956	4941174	5647055
9	793577	3	13	100	1188	1119	1152	5834455	5647056	6352937
10	994453	1	15	100	1052	0	0	6832367	6352938	7058819
11	535718	1	12	55	1572	0	0	7369137	7058820	7764701
12	1081409	2	19	95	1905	1355	0	8452118	7764702	8470583
13	298955	1	18	85	1788	0	0	8754333	8470584	9176465
14	977447	1	15	75	1388	0	0	9733568	9176466	9882347
15	760320	1	11	90	1774	0	0	10495276	9882348	10588229
16	309442	1	20	50	1974	0	0	10806492	10588230	11294111
17	1114189	3	19	65	1036	1997	1575	11922655	11294112	11999993

Total number of pulses in waveform = 29
****

Waveform Num = 18
Num of Bursts = 18
Burst Interval (us)= 666667

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	270280	1	9	85	1460	0	0	270280	0	666666
2	426761	3	10	55	1354	1243	1420	698501	666667	1333333
3	1203988	2	16	70	1019	1015	0	1906506	1333334	2000000
4	674397	1	20	55	1966	0	0	2582937	2000001	2666667
5	350101	2	8	65	1339	1205	0	2935004	2666668	3333334
6	588194	2	5	60	1951	1120	0	3525742	3333335	4000001
7	781368	2	5	75	1976	1533	0	4310181	4000002	4666668
8	760173	1	15	70	1084	0	0	5073863	4666669	5333335
9	815327	3	7	95	1165	1527	1602	5890274	5333336	6000002
10	468134	3	16	95	1671	1702	1815	6362702	6000003	6666669
11	344604	1	13	80	1710	0	0	6712494	6666670	7333336
12	785734	1	20	75	1653	0	0	7499938	7333337	8000003
13	969515	2	15	85	1753	1378	0	8471106	8000004	8666670
14	823291	1	9	60	1027	0	0	9297528	8666671	9333337
15	427173	1	18	60	1733	0	0	9725728	9333338	10000004
16	846526	3	6	80	1890	1247	1266	10573987	10000005	10666671
17	481702	1	18	80	1253	0	0	11060092	10666672	11333338
18	794924	3	12	80	1334	1271	1870	11856269	11333339	12000005

Total number of pulses in waveform = 33
****

Waveform Num = 19
Num of Bursts = 9
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	962206	2	8	75	1595	1988	0	962206	0	1333332
2	764270	3	10	55	1452	1310	1455	1730059	1333333	2666665
3	1900979	2	5	100	1410	1045	0	3635255	2666666	3999998
4	1253851	1	6	65	1916	0	0	4891561	3999999	5333331
5	1652425	1	10	65	1567	0	0	6545902	5333332	6666664
6	261043	3	15	70	1847	1840	1036	6808512	6666665	7999997
7	2027355	2	19	60	1532	1472	0	8840590	7999998	9333330
8	543637	1	17	95	1671	0	0	9387231	9333331	10666663
9	2460092	2	14	100	1363	1860	0	11848994	10666664	11999996

Total number of pulses in waveform = 17
****

Waveform Num = 20
Num of Bursts = 19
Burst Interval (us)= 631579

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	200524	1	6	85	1527	0	0	200524	0	631578
2	768278	2	11	85	1569	1057	0	970329	631579	1263157
3	788241	1	6	60	1059	0	0	1761196	1263158	1894736
4	229713	1	6	100	1592	0	0	1991968	1894737	2526315
5	753467	3	12	75	1733	1736	1995	2747027	2526316	3157894
6	546071	1	20	90	1922	0	0	3298562	3157895	3789473
7	801034	1	11	70	1416	0	0	4101518	3789474	4421052
8	574765	1	20	80	1867	0	0	4677699	4421053	5052631
9	943374	3	9	80	1266	1555	1653	5622940	5052632	5684210
10	319233	1	8	90	1342	0	0	5946647	5684211	6315789
11	965627	1	12	85	1205	0	0	6913616	6315790	6947368
12	90296	2	12	55	1225	1784	0	7005117	6947369	7578947
13	1055855	3	8	65	1483	1220	1020	8063981	7578948	8210526
14	199843	2	5	50	1060	1437	0	8267547	8210527	8842105
15	758920	3	9	90	1370	1037	1072	9028964	8842106	9473684
16	1011381	1	6	70	1132	0	0	10043824	9473685	10105263
17	102426	1	5	75	1111	0	0	10147382	10105264	10736842
18	1103220	3	10	80	1558	1606	1414	11251713	10736843	11368421
19	207109	1	8	75	1908	0	0	11463400	11368422	12000000

Total number of pulses in waveform = 32
****

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

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	465464	2	9	50	1240	1151	0	465464	0	1499999
2	1911958	2	7	60	1038	1971	0	2379813	1500000	2999999
3	958833	2	5	70	1433	1501	0	3341655	3000000	4499999
4	1374522	3	6	80	1328	1742	1104	4719111	4500000	5999999
5	2429330	3	18	65	1258	1693	1833	7152615	6000000	7499999
6	1393656	3	9	80	1491	1282	1262	8551055	7500000	8999999
7	1143608	3	13	50	1823	1048	1996	9698698	9000000	10499999
8	2274749	2	12	55	1256	1159	0	11978314	10500000	11999999

Total number of pulses in waveform = 20
****

Waveform Num = 22
Num of Bursts = 13
Burst Interval (us)= 923077

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	71666	1	6	65	1034	0	0	71666	0	923076
2	1738257	1	13	85	1264	0	0	1810957	923077	1846153
3	654191	2	12	95	1205	1070	0	2466412	1846154	2769230
4	401846	2	17	75	1067	1184	0	2870533	2769231	3692307
5	1598357	1	10	50	1144	0	0	4471141	3692308	4615384
6	661824	1	9	75	1114	0	0	5134109	4615385	5538461
7	1265795	3	7	95	1723	1234	1910	6401018	5538462	6461538
8	278923	2	12	90	1077	1324	0	6684808	6461539	7384615
9	960051	3	7	80	1528	1487	1588	7647260	7384616	8307692
10	1311274	2	5	55	1719	1314	0	8963137	8307693	9230769
11	583742	2	10	100	1669	1596	0	9549912	9230770	10153846
12	834747	3	10	55	1292	1995	1216	10387924	10153847	11076923
13	806664	3	13	55	1198	1534	1897	11199091	11076924	12000000

Total number of pulses in waveform = 26
****

Waveform Num = 23
Num of Bursts = 9
Burst Interval (us)= 1333333

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	5699	2	20	90	1153	1656	0	5699	0	1333332
2	1745359	1	12	90	1038	0	0	1753867	1333333	2666665
3	1978357	3	18	60	1721	1392	1790	3733262	2666666	3999998
4	493646	3	12	80	1695	1748	1204	4231811	3999999	5333331
5	1741239	3	14	80	1693	1357	1124	5977697	5333332	6666664
6	986529	2	6	95	1756	1382	0	6968400	6666665	7999997
7	2041843	1	15	65	1792	0	0	9013381	7999998	9333330
8	993643	2	13	50	1245	1487	0	10008816	9333331	10666663
9	1822126	2	10	100	1374	1793	0	11833674	10666664	11999996

Total number of pulses in waveform = 19
****

Waveform Num = 24
Num of Bursts = 8
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	631119	2	10	90	1997	1155	0	631119	0	1499999
2	1057027	1	15	65	1317	0	0	1691298	1500000	2999999
3	1586818	2	17	100	1637	1785	0	3279433	3000000	4499999
4	2224912	3	17	55	1109	1291	1274	5507767	4500000	5999999
5	1951834	2	17	50	1128	1448	0	7463275	6000000	7499999
6	759202	2	20	65	1644	1403	0	8225053	7500000	8999999
7	1692919	2	18	85	1142	1278	0	9921019	9000000	10499999
8	1086662	1	9	55	1493	0	0	11010101	10500000	11999999

Total number of pulses in waveform = 15
****

Waveform Num = 25
Num of Bursts = 12
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	872675	2	7	70	1862	1469	0	872675	0	999999
2	403644	1	8	100	1046	0	0	1279650	1000000	1999999
3	752304	1	8	95	1321	0	0	2033000	2000000	2999999
4	1895266	1	19	70	1174	0	0	3929587	3000000	3999999
5	543899	1	13	70	1762	0	0	4474660	4000000	4999999
6	709797	1	5	65	1891	0	0	5186219	5000000	5999999
7	1575986	2	20	75	1772	1800	0	6764096	6000000	6999999
8	867633	2	18	55	1151	1314	0	7635301	7000000	7999999
9	748970	3	9	70	1491	1082	1343	8386736	8000000	8999999
10	1310388	3	13	75	1290	1135	1639	9701040	9000000	9999999
11	1021362	3	8	80	1762	1327	1315	10726466	10000000	10999999
12	283633	1	11	80	1504	0	0	11014503	11000000	11999999

Total number of pulses in waveform = 21
****

Waveform Num = 26
Num of Bursts = 14
Burst Interval (us)= 857143

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	238948	1	18	85	1488	0	0	238948	0	857142
2	1363366	3	18	90	1589	1957	1148	1603802	857143	1714285
3	232443	1	9	90	1479	0	0	1840939	1714286	2571428
4	1269568	2	5	90	1489	1985	0	3111986	2571429	3428571
5	427903	2	6	85	1608	1702	0	3543363	3428572	4285714
6	1470335	2	20	75	1435	1487	0	5017008	4285715	5142857
7	823909	2	11	55	1120	1944	0	5843839	5142858	6000000
8	217230	3	17	65	1337	1922	1877	6064133	6000001	6857143
9	1441083	3	16	95	1238	1036	1642	7510352	6857144	7714286
10	367162	3	6	85	1868	1768	1400	7881430	7714287	8571429
11	1116522	3	18	95	1598	1971	1680	9002988	8571430	9428572
12	886328	3	9	90	1456	1767	1489	9894565	9428573	10285715
13	466451	1	17	85	1827	0	0	10365728	10285716	11142858
14	1624640	3	9	60	1280	1459	1667	11992195	11142859	12000001

Total number of pulses in waveform = 32
****

Waveform Num = 27
Num of Bursts = 10
Burst Interval (us)= 1200000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1131229	1	15	85	1921	0	0	1131229	0	1199999
2	1007016	3	15	85	1332	1159	1432	2140166	1200000	2399999
3	613370	3	20	85	1273	1178	1162	2757459	2400000	3599999
4	1448575	1	20	85	1500	0	0	4209647	3600000	4799999
5	1606422	3	11	85	1180	1300	1012	5817569	4800000	5999999
6	1098319	3	20	55	1195	1789	1513	6919380	6000000	7199999
7	345629	3	8	85	1801	1231	1228	7269506	7200000	8399999
8	1479054	1	18	80	1742	0	0	8752820	8400000	9599999
9	988238	2	5	90	1757	1440	0	9742800	9600000	10799999
10	1254398	2	15	60	1494	1471	0	11000395	10800000	11999999

Total number of pulses in waveform = 22
****

Waveform Num = 28
Num of Bursts = 12
Burst Interval (us)= 1000000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	505443	1	16	55	1400	0	0	505443	0	999999
2	733551	3	16	85	1786	1002	1602	1240394	1000000	1999999
3	1151291	2	7	55	1337	1638	0	2396075	2000000	2999999
4	1475427	1	11	95	1781	0	0	3874477	3000000	3999999
5	1014806	2	6	50	1517	1296	0	4891064	4000000	4999999
6	306611	3	5	60	1056	1776	1032	5200488	5000000	5999999
7	1168717	1	17	90	1556	0	0	6373069	6000000	6999999
8	1069714	2	9	80	1159	1677	0	7444339	7000000	7999999
9	695934	2	10	95	1024	1742	0	8143109	8000000	8999999
10	1017199	3	10	90	1251	1476	1572	9163074	9000000	9999999
11	1613060	1	11	95	1307	0	0	10780433	10000000	10999999
12	858047	3	10	55	1925	1584	1623	11639787	11000000	11999999

Total number of pulses in waveform = 24
****

Waveform Num = 29
Num of Bursts = 8
Burst Interval (us)= 1500000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	1037520	2	14	95	1415	1826	0	1037520	0	1499999
2	1428404	1	19	50	1319	0	0	2469165	1500000	2999999
3	648942	1	18	90	1208	0	0	3119426	3000000	4499999
4	2081144	2	19	100	1623	1051	0	5201778	4500000	5999999
5	1679616	2	5	65	1264	1464	0	6884068	6000000	7499999
6	1238077	3	16	55	1592	1322	1876	8124873	7500000	8999999
7	1141963	3	8	60	1536	1454	1895	9271626	9000000	10499999
8	1566446	3	13	50	1748	1590	1734	10842957	10500000	11999999

Total number of pulses in waveform = 17
****

Waveform Num = 30
Num of Bursts = 16
Burst Interval (us)= 750000

Burst #	Off Time (us)	# Pulses	Chirp (MHz)	PW (us)	Pulse 1 Pri(us)	Pulse 2 Pri(us)	Pulse 3 Pri(us)	Start Loc (us)	Start Burst Interval(us)	End Burst Interval(us)
1	72635	3	13	90	1084	1226	1385	72635	0	749999
2	1207914	2	16	65	1515	1995	0	1284244	750000	1499999
3	243624	3	19	90	1752	1861	1265	1531378	1500000	2249999
4	918701	1	5	75	1004	0	0	2454957	2250000	2999999
5	664465	1	17	70	1477	0	0	3120426	3000000	3749999
6	756251	3	14	100	1497	1956	1173	3878154	3750000	4499999
7	975988	3	12	90	1284	1830	1155	4858768	4500000	5249999
8	709022	1	12	85	1474	0	0	5572059	5250000	5999999
9	934529	2	19	70	1520	1013	0	6508062	6000000	6749999
10	475206	2	10	85	1247	1129	0	6985801	6750000	7499999
11	1099469	3	11	50	1544	1822	1366	8087646	7500000	8249999
12	890783	3	15	65	1599	1388	1036	8983161	8250000	8999999
13	582813	2	13	100	1612	1049	0	9569997	9000000	9749999
14	484750	1	19	90	1800	0	0	10057408	9750000	10499999
15	515490	3	9	75	1462	1523	1585	10574698	10500000	11249999
16	961643	1	8	85	1840	0	0	11540911	11250000	11999999

Total number of pulses in waveform = 34
****

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 6
Test Mode : Mode 1: Transmit (802.11n-20BW)_AR9350_2X2

Trial #	Frequency (MHz)	***Filename**	1= Detection 0= No Detection
1	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_1_trail	1
2	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_2_trail	1
3	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_3_trail	1
4	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_4_trail	1
5	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_5_trail	1
6	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_6_trail	1
7	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_7_trail	1
8	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_8_trail	1
9	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_9_trail	1
10	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_10_trail	0
11	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_11_trail	1
12	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_12_trail	1
13	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_13_trail	1
14	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_14_trail	1
15	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_15_trail	1
16	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_16_trail	1
17	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_17_trail	1
18	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_18_trail	1
19	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_19_trail	1
20	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_20_trail	1
21	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_21_trail	1
22	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_22_trail	1
23	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_23_trail	1
24	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_24_trail	1
25	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_25_trail	1
26	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_26_trail	1
27	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_27_trail	0
28	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_28_trail	1
29	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_29_trail	1
30	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_30_trail	1
Detection Percentage (%)			93.3

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 6
Test Mode : Mode 2: Transmit (802.11n-40BW)_AR9350_2X2

Trial #	Frequency (MHz)	*Filename	1= Detection 0= No Detection
1	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_1_trail	1
2	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_2_trail	0
3	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_3_trail	1
4	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_4_trail	1
5	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_5_trail	1
6	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_6_trail	1
7	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_7_trail	1
8	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_8_trail	1
9	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_9_trail	1
10	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_10_trail	1
11	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_11_trail	1
12	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_12_trail	1
13	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_13_trail	1
14	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_14_trail	1
15	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_15_trail	1
16	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_16_trail	1
17	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_17_trail	1
18	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_18_trail	1
19	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_19_trail	1
20	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_20_trail	1
21	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_21_trail	1
22	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_22_trail	1
23	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_23_trail	1
24	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_24_trail	1
25	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_25_trail	1
26	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_26_trail	1
27	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_27_trail	0
28	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_28_trail	1
29	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_29_trail	1
30	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_30_trail	1
Detection Percentage (%)			93.3

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 6
Test Mode : Mode 3: Transmit (802.11n-20BW)_AR9590_3X3

Trial #	Frequency (MHz)	***Filename**	1= Detection 0= No Detection
1	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_1_trail	1
2	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_2_trail	1
3	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_3_trail	1
4	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_4_trail	1
5	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_5_trail	1
6	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_6_trail	1
7	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_7_trail	1
8	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_8_trail	1
9	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_9_trail	1
10	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_10_trail	1
11	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_11_trail	1
12	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_12_trail	0
13	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_13_trail	1
14	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_14_trail	1
15	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_15_trail	1
16	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_16_trail	1
17	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_17_trail	1
18	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_18_trail	1
19	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_19_trail	1
20	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_20_trail	1
21	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_21_trail	1
22	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_22_trail	1
23	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_23_trail	1
24	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_24_trail	0
25	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_25_trail	1
26	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_26_trail	1
27	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_27_trail	1
28	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_28_trail	1
29	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_29_trail	1
30	5293	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_30_trail	1
Detection Percentage (%)			93.3

Product : SpectraGuard® Access Point / Sensor
Test Item : Statistical Performance Check
Radar Type : Type 6
Test Mode : Mode 4: Transmit (802.11n-40BW)_AR9590_3X3

Trial #	Frequency (MHz)	***Filename**	1= Detection 0= No Detection
1	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_1_trail	1
2	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_2_trail	1
3	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_3_trail	1
4	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_4_trail	1
5	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_5_trail	1
6	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_6_trail	1
7	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_7_trail	1
8	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_8_trail	1
9	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_9_trail	1
10	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_10_trail	0
11	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_11_trail	1
12	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_12_trail	1
13	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_13_trail	0
14	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_14_trail	1
15	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_15_trail	1
16	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_16_trail	1
17	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_17_trail	1
18	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_18_trail	1
19	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_19_trail	1
20	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_20_trail	1
21	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_21_trail	1
22	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_22_trail	1
23	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_23_trail	1
24	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_24_trail	1
25	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_25_trail	1
26	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_26_trail	1
27	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_27_trail	1
28	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_28_trail	1
29	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_29_trail	1
30	5493	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_30_trail	1
Detection Percentage (%)			93.3

Random DFS waveform parameters (Radar Type 6) in 1 Trail(11-01-2013 13:57:48)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
1	0	5584	No	0.333	300
1	1	5633	No	0.333	300
1	2	5593	No	0.333	300
1	3	5309	No	0.333	300
1	4	5381	No	0.333	300
1	5	5455	No	0.333	300
1	6	5557	No	0.333	300
1	7	5316	No	0.333	300
1	8	5460	No	0.333	300
1	9	5378	No	0.333	300
1	10	5445	No	0.333	300
1	11	5367	No	0.333	300
1	12	5694	No	0.333	300
1	13	5345	No	0.333	300
1	14	5628	No	0.333	300
1	15	5456	No	0.333	300
1	16	5361	No	0.333	300
1	17	5576	No	0.333	300
1	18	5303	No	0.333	300
1	19	5490	***Yes***	0.333	300
1	20	5283	No	0.333	300
1	21	5714	No	0.333	300
1	22	5641	No	0.333	300
1	23	5405	No	0.333	300

1	24	5618	No	0.333	300
1	25	5608	No	0.333	300
1	26	5531	No	0.333	300
1	27	5550	No	0.333	300
1	28	5664	No	0.333	300
1	29	5500	***Yes***	0.333	300
1	30	5547	No	0.333	300
1	31	5298	No	0.333	300
1	32	5295	No	0.333	300
1	33	5543	No	0.333	300
1	34	5258	No	0.333	300
1	35	5317	No	0.333	300
1	36	5338	No	0.333	300
1	37	5498	***Yes***	0.333	300
1	38	5365	No	0.333	300
1	39	5579	No	0.333	300
1	40	5348	No	0.333	300
1	41	5439	No	0.333	300
1	42	5564	No	0.333	300
1	43	5368	No	0.333	300
1	44	5291	No	0.333	300
1	45	5656	No	0.333	300
1	46	5638	No	0.333	300
1	47	5660	No	0.333	300
1	48	5601	No	0.333	300
1	49	5421	No	0.333	300
1	50	5555	No	0.333	300

1	51	5289	No	0.333	300
1	52	5438	No	0.333	300
1	53	5568	No	0.333	300
1	54	5522	***Yes***	0.333	300
1	55	5609	No	0.333	300
1	56	5650	No	0.333	300
1	57	5706	No	0.333	300
1	58	5626	No	0.333	300
1	59	5640	No	0.333	300
1	60	5392	No	0.333	300
1	61	5457	No	0.333	300
1	62	5514	***Yes***	0.333	300
1	63	5478	***Yes***	0.333	300
1	64	5467	***Yes***	0.333	300
1	65	5581	No	0.333	300
1	66	5450	No	0.333	300
1	67	5363	No	0.333	300
1	68	5681	No	0.333	300
1	69	5399	No	0.333	300
1	70	5580	No	0.333	300
1	71	5388	No	0.333	300
1	72	5708	No	0.333	300
1	73	5384	No	0.333	300
1	74	5712	No	0.333	300
1	75	5334	No	0.333	300
1	76	5412	No	0.333	300
1	77	5506	***Yes***	0.333	300

1	78	5545	No	0.333	300
1	79	5410	No	0.333	300
1	80	5586	No	0.333	300
1	81	5427	No	0.333	300
1	82	5315	No	0.333	300
1	83	5376	No	0.333	300
1	84	5280	No	0.333	300
1	85	5389	No	0.333	300
1	86	5446	No	0.333	300
1	87	5252	No	0.333	300
1	88	5648	No	0.333	300
1	89	5354	No	0.333	300
1	90	5264	No	0.333	300
1	91	5379	No	0.333	300
1	92	5265	No	0.333	300
1	93	5451	No	0.333	300
1	94	5372	No	0.333	300
1	95	5269	No	0.333	300
1	96	5489	***Yes***	0.333	300
1	97	5687	No	0.333	300
1	98	5360	No	0.333	300
1	99	5679	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 2 Trail(11-01-2013 13:58:03)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
2	0	5640	No	0.333	300
2	1	5541	No	0.333	300
2	2	5301	No	0.333	300
2	3	5693	No	0.333	300
2	4	5415	No	0.333	300
2	5	5605	No	0.333	300
2	6	5595	No	0.333	300
2	7	5608	No	0.333	300
2	8	5683	No	0.333	300
2	9	5580	No	0.333	300
2	10	5420	No	0.333	300
2	11	5396	No	0.333	300
2	12	5565	No	0.333	300
2	13	5500	***Yes***	0.333	300
2	14	5285	No	0.333	300
2	15	5543	No	0.333	300
2	16	5358	No	0.333	300
2	17	5673	No	0.333	300
2	18	5567	No	0.333	300
2	19	5461	No	0.333	300
2	20	5262	No	0.333	300
2	21	5712	No	0.333	300
2	22	5465	***Yes***	0.333	300
2	23	5364	No	0.333	300

2	24	5722	No	0.333	300
2	25	5338	No	0.333	300
2	26	5299	No	0.333	300
2	27	5334	No	0.333	300
2	28	5487	***Yes***	0.333	300
2	29	5365	No	0.333	300
2	30	5448	No	0.333	300
2	31	5623	No	0.333	300
2	32	5526	No	0.333	300
2	33	5439	No	0.333	300
2	34	5466	***Yes***	0.333	300
2	35	5315	No	0.333	300
2	36	5557	No	0.333	300
2	37	5328	No	0.333	300
2	38	5388	No	0.333	300
2	39	5710	No	0.333	300
2	40	5351	No	0.333	300
2	41	5530	No	0.333	300
2	42	5290	No	0.333	300
2	43	5260	No	0.333	300
2	44	5651	No	0.333	300
2	45	5320	No	0.333	300
2	46	5405	No	0.333	300
2	47	5321	No	0.333	300
2	48	5422	No	0.333	300
2	49	5515	***Yes***	0.333	300
2	50	5442	No	0.333	300

2	51	5429	No	0.333	300
2	52	5547	No	0.333	300
2	53	5296	No	0.333	300
2	54	5280	No	0.333	300
2	55	5512	***Yes***	0.333	300
2	56	5352	No	0.333	300
2	57	5463	***Yes***	0.333	300
2	58	5590	No	0.333	300
2	59	5311	No	0.333	300
2	60	5449	No	0.333	300
2	61	5581	No	0.333	300
2	62	5355	No	0.333	300
2	63	5289	No	0.333	300
2	64	5418	No	0.333	300
2	65	5393	No	0.333	300
2	66	5507	***Yes***	0.333	300
2	67	5472	***Yes***	0.333	300
2	68	5692	No	0.333	300
2	69	5619	No	0.333	300
2	70	5440	No	0.333	300
2	71	5304	No	0.333	300
2	72	5568	No	0.333	300
2	73	5381	No	0.333	300
2	74	5445	No	0.333	300
2	75	5656	No	0.333	300
2	76	5517	***Yes***	0.333	300
2	77	5687	No	0.333	300

2	78	5588	No	0.333	300
2	79	5603	No	0.333	300
2	80	5586	No	0.333	300
2	81	5254	No	0.333	300
2	82	5685	No	0.333	300
2	83	5598	No	0.333	300
2	84	5399	No	0.333	300
2	85	5383	No	0.333	300
2	86	5409	No	0.333	300
2	87	5264	No	0.333	300
2	88	5329	No	0.333	300
2	89	5690	No	0.333	300
2	90	5524	No	0.333	300
2	91	5377	No	0.333	300
2	92	5467	***Yes***	0.333	300
2	93	5372	No	0.333	300
2	94	5612	No	0.333	300
2	95	5279	No	0.333	300
2	96	5681	No	0.333	300
2	97	5679	No	0.333	300
2	98	5300	No	0.333	300
2	99	5255	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 3 Trail(11-01-2013 13:58:41)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
3	0	5375	No	0.333	300
3	1	5412	No	0.333	300
3	2	5424	No	0.333	300
3	3	5668	No	0.333	300
3	4	5450	No	0.333	300
3	5	5402	No	0.333	300
3	6	5667	No	0.333	300
3	7	5475	***Yes***	0.333	300
3	8	5452	No	0.333	300
3	9	5672	No	0.333	300
3	10	5631	No	0.333	300
3	11	5562	No	0.333	300
3	12	5549	No	0.333	300
3	13	5689	No	0.333	300
3	14	5591	No	0.333	300
3	15	5497	***Yes***	0.333	300
3	16	5592	No	0.333	300
3	17	5636	No	0.333	300
3	18	5457	No	0.333	300
3	19	5479	***Yes***	0.333	300
3	20	5435	No	0.333	300
3	21	5483	***Yes***	0.333	300
3	22	5425	No	0.333	300
3	23	5306	No	0.333	300

3	24	5492	***Yes***	0.333	300
3	25	5335	No	0.333	300
3	26	5688	No	0.333	300
3	27	5488	***Yes***	0.333	300
3	28	5254	No	0.333	300
3	29	5379	No	0.333	300
3	30	5407	No	0.333	300
3	31	5354	No	0.333	300
3	32	5326	No	0.333	300
3	33	5282	No	0.333	300
3	34	5574	No	0.333	300
3	35	5281	No	0.333	300
3	36	5464	***Yes***	0.333	300
3	37	5323	No	0.333	300
3	38	5536	No	0.333	300
3	39	5556	No	0.333	300
3	40	5356	No	0.333	300
3	41	5576	No	0.333	300
3	42	5504	***Yes***	0.333	300
3	43	5613	No	0.333	300
3	44	5462	No	0.333	300
3	45	5410	No	0.333	300
3	46	5643	No	0.333	300
3	47	5708	No	0.333	300
3	48	5525	No	0.333	300
3	49	5571	No	0.333	300
3	50	5526	No	0.333	300

3	51	5269	No	0.333	300
3	52	5283	No	0.333	300
3	53	5676	No	0.333	300
3	54	5447	No	0.333	300
3	55	5295	No	0.333	300
3	56	5343	No	0.333	300
3	57	5650	No	0.333	300
3	58	5276	No	0.333	300
3	59	5374	No	0.333	300
3	60	5565	No	0.333	300
3	61	5606	No	0.333	300
3	62	5481	***Yes***	0.333	300
3	63	5426	No	0.333	300
3	64	5515	***Yes***	0.333	300
3	65	5340	No	0.333	300
3	66	5338	No	0.333	300
3	67	5595	No	0.333	300
3	68	5352	No	0.333	300
3	69	5250	No	0.333	300
3	70	5468	***Yes***	0.333	300
3	71	5607	No	0.333	300
3	72	5657	No	0.333	300
3	73	5298	No	0.333	300
3	74	5573	No	0.333	300
3	75	5686	No	0.333	300
3	76	5533	No	0.333	300
3	77	5362	No	0.333	300

3	78	5557	No	0.333	300
3	79	5322	No	0.333	300
3	80	5575	No	0.333	300
3	81	5633	No	0.333	300
3	82	5472	***Yes***	0.333	300
3	83	5555	No	0.333	300
3	84	5458	No	0.333	300
3	85	5390	No	0.333	300
3	86	5398	No	0.333	300
3	87	5258	No	0.333	300
3	88	5651	No	0.333	300
3	89	5353	No	0.333	300
3	90	5648	No	0.333	300
3	91	5280	No	0.333	300
3	92	5724	No	0.333	300
3	93	5292	No	0.333	300
3	94	5659	No	0.333	300
3	95	5308	No	0.333	300
3	96	5408	No	0.333	300
3	97	5416	No	0.333	300
3	98	5530	No	0.333	300
3	99	5580	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 4 Trail(11-01-2013 13:59:03)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
4	0	5416	No	0.333	300
4	1	5361	No	0.333	300
4	2	5255	No	0.333	300
4	3	5596	No	0.333	300
4	4	5666	No	0.333	300
4	5	5617	No	0.333	300
4	6	5307	No	0.333	300
4	7	5474	***Yes***	0.333	300
4	8	5286	No	0.333	300
4	9	5341	No	0.333	300
4	10	5661	No	0.333	300
4	11	5608	No	0.333	300
4	12	5574	No	0.333	300
4	13	5674	No	0.333	300
4	14	5477	***Yes***	0.333	300
4	15	5458	No	0.333	300
4	16	5582	No	0.333	300
4	17	5434	No	0.333	300
4	18	5391	No	0.333	300
4	19	5328	No	0.333	300
4	20	5599	No	0.333	300
4	21	5577	No	0.333	300
4	22	5466	***Yes***	0.333	300
4	23	5310	No	0.333	300

4	24	5390	No	0.333	300
4	25	5573	No	0.333	300
4	26	5283	No	0.333	300
4	27	5277	No	0.333	300
4	28	5610	No	0.333	300
4	29	5601	No	0.333	300
4	30	5467	***Yes***	0.333	300
4	31	5592	No	0.333	300
4	32	5629	No	0.333	300
4	33	5442	No	0.333	300
4	34	5365	No	0.333	300
4	35	5257	No	0.333	300
4	36	5609	No	0.333	300
4	37	5522	***Yes***	0.333	300
4	38	5338	No	0.333	300
4	39	5452	No	0.333	300
4	40	5513	***Yes***	0.333	300
4	41	5539	No	0.333	300
4	42	5484	***Yes***	0.333	300
4	43	5381	No	0.333	300
4	44	5440	No	0.333	300
4	45	5699	No	0.333	300
4	46	5396	No	0.333	300
4	47	5448	No	0.333	300
4	48	5450	No	0.333	300
4	49	5436	No	0.333	300
4	50	5546	No	0.333	300

4	51	5644	No	0.333	300
4	52	5578	No	0.333	300
4	53	5531	No	0.333	300
4	54	5291	No	0.333	300
4	55	5269	No	0.333	300
4	56	5492	***Yes***	0.333	300
4	57	5600	No	0.333	300
4	58	5343	No	0.333	300
4	59	5426	No	0.333	300
4	60	5250	No	0.333	300
4	61	5479	***Yes***	0.333	300
4	62	5532	No	0.333	300
4	63	5320	No	0.333	300
4	64	5520	***Yes***	0.333	300
4	65	5476	***Yes***	0.333	300
4	66	5704	No	0.333	300
4	67	5489	***Yes***	0.333	300
4	68	5668	No	0.333	300
4	69	5570	No	0.333	300
4	70	5620	No	0.333	300
4	71	5605	No	0.333	300
4	72	5470	***Yes***	0.333	300
4	73	5368	No	0.333	300
4	74	5718	No	0.333	300
4	75	5369	No	0.333	300
4	76	5386	No	0.333	300
4	77	5253	No	0.333	300

4	78	5637	No	0.333	300
4	79	5258	No	0.333	300
4	80	5415	No	0.333	300
4	81	5282	No	0.333	300
4	82	5491	***Yes***	0.333	300
4	83	5678	No	0.333	300
4	84	5568	No	0.333	300
4	85	5576	No	0.333	300
4	86	5587	No	0.333	300
4	87	5688	No	0.333	300
4	88	5623	No	0.333	300
4	89	5593	No	0.333	300
4	90	5322	No	0.333	300
4	91	5541	No	0.333	300
4	92	5504	***Yes***	0.333	300
4	93	5724	No	0.333	300
4	94	5384	No	0.333	300
4	95	5395	No	0.333	300
4	96	5719	No	0.333	300
4	97	5325	No	0.333	300
4	98	5308	No	0.333	300
4	99	5517	***Yes***	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 5 Trail(11-01-2013 13:59:17)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
5	0	5609	No	0.333	300
5	1	5478	***Yes***	0.333	300
5	2	5585	No	0.333	300
5	3	5355	No	0.333	300
5	4	5600	No	0.333	300
5	5	5338	No	0.333	300
5	6	5405	No	0.333	300
5	7	5507	***Yes***	0.333	300
5	8	5322	No	0.333	300
5	9	5314	No	0.333	300
5	10	5682	No	0.333	300
5	11	5549	No	0.333	300
5	12	5354	No	0.333	300
5	13	5331	No	0.333	300
5	14	5558	No	0.333	300
5	15	5271	No	0.333	300
5	16	5344	No	0.333	300
5	17	5373	No	0.333	300
5	18	5722	No	0.333	300
5	19	5333	No	0.333	300
5	20	5619	No	0.333	300
5	21	5341	No	0.333	300
5	22	5665	No	0.333	300
5	23	5301	No	0.333	300

5	24	5275	No	0.333	300
5	25	5255	No	0.333	300
5	26	5518	***Yes***	0.333	300
5	27	5328	No	0.333	300
5	28	5447	No	0.333	300
5	29	5376	No	0.333	300
5	30	5539	No	0.333	300
5	31	5256	No	0.333	300
5	32	5684	No	0.333	300
5	33	5529	No	0.333	300
5	34	5298	No	0.333	300
5	35	5661	No	0.333	300
5	36	5716	No	0.333	300
5	37	5544	No	0.333	300
5	38	5326	No	0.333	300
5	39	5380	No	0.333	300
5	40	5496	***Yes***	0.333	300
5	41	5302	No	0.333	300
5	42	5313	No	0.333	300
5	43	5638	No	0.333	300
5	44	5299	No	0.333	300
5	45	5526	No	0.333	300
5	46	5545	No	0.333	300
5	47	5596	No	0.333	300
5	48	5411	No	0.333	300
5	49	5282	No	0.333	300
5	50	5643	No	0.333	300

5	51	5546	No	0.333	300
5	52	5483	***Yes***	0.333	300
5	53	5425	No	0.333	300
5	54	5292	No	0.333	300
5	55	5489	***Yes***	0.333	300
5	56	5575	No	0.333	300
5	57	5528	No	0.333	300
5	58	5506	***Yes***	0.333	300
5	59	5310	No	0.333	300
5	60	5369	No	0.333	300
5	61	5260	No	0.333	300
5	62	5571	No	0.333	300
5	63	5692	No	0.333	300
5	64	5634	No	0.333	300
5	65	5285	No	0.333	300
5	66	5676	No	0.333	300
5	67	5620	No	0.333	300
5	68	5486	***Yes***	0.333	300
5	69	5303	No	0.333	300
5	70	5670	No	0.333	300
5	71	5337	No	0.333	300
5	72	5685	No	0.333	300
5	73	5525	No	0.333	300
5	74	5699	No	0.333	300
5	75	5631	No	0.333	300
5	76	5264	No	0.333	300
5	77	5487	***Yes***	0.333	300

5	78	5421	No	0.333	300
5	79	5618	No	0.333	300
5	80	5357	No	0.333	300
5	81	5613	No	0.333	300
5	82	5514	***Yes***	0.333	300
5	83	5457	No	0.333	300
5	84	5394	No	0.333	300
5	85	5599	No	0.333	300
5	86	5663	No	0.333	300
5	87	5488	***Yes***	0.333	300
5	88	5555	No	0.333	300
5	89	5402	No	0.333	300
5	90	5304	No	0.333	300
5	91	5378	No	0.333	300
5	92	5495	***Yes***	0.333	300
5	93	5542	No	0.333	300
5	94	5589	No	0.333	300
5	95	5389	No	0.333	300
5	96	5604	No	0.333	300
5	97	5690	No	0.333	300
5	98	5455	No	0.333	300
5	99	5367	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 6 Trail(11-01-2013 13:59:30)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
6	0	5583	No	0.333	300
6	1	5436	No	0.333	300
6	2	5295	No	0.333	300
6	3	5613	No	0.333	300
6	4	5373	No	0.333	300
6	5	5692	No	0.333	300
6	6	5634	No	0.333	300
6	7	5301	No	0.333	300
6	8	5395	No	0.333	300
6	9	5676	No	0.333	300
6	10	5322	No	0.333	300
6	11	5358	No	0.333	300
6	12	5707	No	0.333	300
6	13	5298	No	0.333	300
6	14	5716	No	0.333	300
6	15	5585	No	0.333	300
6	16	5433	No	0.333	300
6	17	5440	No	0.333	300
6	18	5592	No	0.333	300
6	19	5384	No	0.333	300
6	20	5689	No	0.333	300
6	21	5518	***Yes***	0.333	300
6	22	5262	No	0.333	300
6	23	5496	***Yes***	0.333	300

6	24	5297	No	0.333	300
6	25	5291	No	0.333	300
6	26	5697	No	0.333	300
6	27	5685	No	0.333	300
6	28	5419	No	0.333	300
6	29	5457	No	0.333	300
6	30	5467	***Yes***	0.333	300
6	31	5633	No	0.333	300
6	32	5687	No	0.333	300
6	33	5288	No	0.333	300
6	34	5614	No	0.333	300
6	35	5305	No	0.333	300
6	36	5695	No	0.333	300
6	37	5299	No	0.333	300
6	38	5499	***Yes***	0.333	300
6	39	5713	No	0.333	300
6	40	5276	No	0.333	300
6	41	5477	***Yes***	0.333	300
6	42	5272	No	0.333	300
6	43	5431	No	0.333	300
6	44	5300	No	0.333	300
6	45	5429	No	0.333	300
6	46	5287	No	0.333	300
6	47	5705	No	0.333	300
6	48	5492	***Yes***	0.333	300
6	49	5393	No	0.333	300
6	50	5321	No	0.333	300

6	51	5653	No	0.333	300
6	52	5528	No	0.333	300
6	53	5490	***Yes***	0.333	300
6	54	5631	No	0.333	300
6	55	5517	***Yes***	0.333	300
6	56	5724	No	0.333	300
6	57	5507	***Yes***	0.333	300
6	58	5711	No	0.333	300
6	59	5638	No	0.333	300
6	60	5350	No	0.333	300
6	61	5445	No	0.333	300
6	62	5444	No	0.333	300
6	63	5269	No	0.333	300
6	64	5597	No	0.333	300
6	65	5513	***Yes***	0.333	300
6	66	5616	No	0.333	300
6	67	5505	***Yes***	0.333	300
6	68	5483	***Yes***	0.333	300
6	69	5427	No	0.333	300
6	70	5348	No	0.333	300
6	71	5538	No	0.333	300
6	72	5268	No	0.333	300
6	73	5545	No	0.333	300
6	74	5519	***Yes***	0.333	300
6	75	5514	***Yes***	0.333	300
6	76	5311	No	0.333	300
6	77	5389	No	0.333	300

6	78	5335	No	0.333	300
6	79	5462	No	0.333	300
6	80	5480	***Yes***	0.333	300
6	81	5482	***Yes***	0.333	300
6	82	5408	No	0.333	300
6	83	5386	No	0.333	300
6	84	5718	No	0.333	300
6	85	5539	No	0.333	300
6	86	5658	No	0.333	300
6	87	5476	***Yes***	0.333	300
6	88	5439	No	0.333	300
6	89	5484	***Yes***	0.333	300
6	90	5723	No	0.333	300
6	91	5380	No	0.333	300
6	92	5524	No	0.333	300
6	93	5271	No	0.333	300
6	94	5446	No	0.333	300
6	95	5265	No	0.333	300
6	96	5503	***Yes***	0.333	300
6	97	5643	No	0.333	300
6	98	5355	No	0.333	300
6	99	5686	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 7 Trail(11-01-2013 13:59:45)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
7	0	5481	***Yes***	0.333	300
7	1	5309	No	0.333	300
7	2	5559	No	0.333	300
7	3	5701	No	0.333	300
7	4	5394	No	0.333	300
7	5	5349	No	0.333	300
7	6	5308	No	0.333	300
7	7	5427	No	0.333	300
7	8	5637	No	0.333	300
7	9	5675	No	0.333	300
7	10	5281	No	0.333	300
7	11	5475	***Yes***	0.333	300
7	12	5410	No	0.333	300
7	13	5316	No	0.333	300
7	14	5604	No	0.333	300
7	15	5401	No	0.333	300
7	16	5402	No	0.333	300
7	17	5641	No	0.333	300
7	18	5689	No	0.333	300
7	19	5624	No	0.333	300
7	20	5682	No	0.333	300
7	21	5452	No	0.333	300
7	22	5568	No	0.333	300
7	23	5417	No	0.333	300

7	24	5647	No	0.333	300
7	25	5563	No	0.333	300
7	26	5357	No	0.333	300
7	27	5613	No	0.333	300
7	28	5464	***Yes***	0.333	300
7	29	5396	No	0.333	300
7	30	5315	No	0.333	300
7	31	5253	No	0.333	300
7	32	5663	No	0.333	300
7	33	5607	No	0.333	300
7	34	5330	No	0.333	300
7	35	5662	No	0.333	300
7	36	5329	No	0.333	300
7	37	5500	***Yes***	0.333	300
7	38	5420	No	0.333	300
7	39	5690	No	0.333	300
7	40	5700	No	0.333	300
7	41	5619	No	0.333	300
7	42	5608	No	0.333	300
7	43	5383	No	0.333	300
7	44	5404	No	0.333	300
7	45	5605	No	0.333	300
7	46	5595	No	0.333	300
7	47	5609	No	0.333	300
7	48	5314	No	0.333	300
7	49	5428	No	0.333	300
7	50	5277	No	0.333	300

7	51	5694	No	0.333	300
7	52	5564	No	0.333	300
7	53	5551	No	0.333	300
7	54	5310	No	0.333	300
7	55	5440	No	0.333	300
7	56	5596	No	0.333	300
7	57	5485	***Yes***	0.333	300
7	58	5367	No	0.333	300
7	59	5716	No	0.333	300
7	60	5460	No	0.333	300
7	61	5436	No	0.333	300
7	62	5426	No	0.333	300
7	63	5698	No	0.333	300
7	64	5554	No	0.333	300
7	65	5528	No	0.333	300
7	66	5266	No	0.333	300
7	67	5719	No	0.333	300
7	68	5443	No	0.333	300
7	69	5625	No	0.333	300
7	70	5391	No	0.333	300
7	71	5269	No	0.333	300
7	72	5462	No	0.333	300
7	73	5616	No	0.333	300
7	74	5296	No	0.333	300
7	75	5681	No	0.333	300
7	76	5606	No	0.333	300
7	77	5328	No	0.333	300

7	78	5413	No	0.333	300
7	79	5290	No	0.333	300
7	80	5688	No	0.333	300
7	81	5456	No	0.333	300
7	82	5511	***Yes***	0.333	300
7	83	5393	No	0.333	300
7	84	5557	No	0.333	300
7	85	5331	No	0.333	300
7	86	5584	No	0.333	300
7	87	5365	No	0.333	300
7	88	5489	***Yes***	0.333	300
7	89	5322	No	0.333	300
7	90	5288	No	0.333	300
7	91	5628	No	0.333	300
7	92	5303	No	0.333	300
7	93	5261	No	0.333	300
7	94	5660	No	0.333	300
7	95	5430	No	0.333	300
7	96	5717	No	0.333	300
7	97	5524	No	0.333	300
7	98	5621	No	0.333	300
7	99	5459	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 8 Trail(11-01-2013 13:59:59)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
8	0	5408	No	0.333	300
8	1	5280	No	0.333	300
8	2	5327	No	0.333	300
8	3	5434	No	0.333	300
8	4	5509	***Yes***	0.333	300
8	5	5393	No	0.333	300
8	6	5483	***Yes***	0.333	300
8	7	5550	No	0.333	300
8	8	5298	No	0.333	300
8	9	5633	No	0.333	300
8	10	5570	No	0.333	300
8	11	5518	***Yes***	0.333	300
8	12	5430	No	0.333	300
8	13	5648	No	0.333	300
8	14	5557	No	0.333	300
8	15	5445	No	0.333	300
8	16	5542	No	0.333	300
8	17	5506	***Yes***	0.333	300
8	18	5333	No	0.333	300
8	19	5583	No	0.333	300
8	20	5428	No	0.333	300
8	21	5515	***Yes***	0.333	300
8	22	5551	No	0.333	300
8	23	5625	No	0.333	300

8	24	5620	No	0.333	300
8	25	5565	No	0.333	300
8	26	5465	***Yes***	0.333	300
8	27	5272	No	0.333	300
8	28	5573	No	0.333	300
8	29	5375	No	0.333	300
8	30	5710	No	0.333	300
8	31	5300	No	0.333	300
8	32	5356	No	0.333	300
8	33	5480	***Yes***	0.333	300
8	34	5268	No	0.333	300
8	35	5568	No	0.333	300
8	36	5617	No	0.333	300
8	37	5436	No	0.333	300
8	38	5539	No	0.333	300
8	39	5645	No	0.333	300
8	40	5540	No	0.333	300
8	41	5464	***Yes***	0.333	300
8	42	5599	No	0.333	300
8	43	5712	No	0.333	300
8	44	5619	No	0.333	300
8	45	5585	No	0.333	300
8	46	5500	***Yes***	0.333	300
8	47	5613	No	0.333	300
8	48	5364	No	0.333	300
8	49	5337	No	0.333	300
8	50	5670	No	0.333	300

8	51	5311	No	0.333	300
8	52	5666	No	0.333	300
8	53	5679	No	0.333	300
8	54	5287	No	0.333	300
8	55	5490	***Yes***	0.333	300
8	56	5370	No	0.333	300
8	57	5429	No	0.333	300
8	58	5684	No	0.333	300
8	59	5383	No	0.333	300
8	60	5576	No	0.333	300
8	61	5488	***Yes***	0.333	300
8	62	5314	No	0.333	300
8	63	5484	***Yes***	0.333	300
8	64	5549	No	0.333	300
8	65	5692	No	0.333	300
8	66	5409	No	0.333	300
8	67	5279	No	0.333	300
8	68	5581	No	0.333	300
8	69	5496	***Yes***	0.333	300
8	70	5312	No	0.333	300
8	71	5321	No	0.333	300
8	72	5564	No	0.333	300
8	73	5560	No	0.333	300
8	74	5508	***Yes***	0.333	300
8	75	5315	No	0.333	300
8	76	5600	No	0.333	300
8	77	5363	No	0.333	300

8	78	5673	No	0.333	300
8	79	5438	No	0.333	300
8	80	5697	No	0.333	300
8	81	5561	No	0.333	300
8	82	5253	No	0.333	300
8	83	5422	No	0.333	300
8	84	5444	No	0.333	300
8	85	5535	No	0.333	300
8	86	5341	No	0.333	300
8	87	5596	No	0.333	300
8	88	5527	No	0.333	300
8	89	5536	No	0.333	300
8	90	5450	No	0.333	300
8	91	5635	No	0.333	300
8	92	5441	No	0.333	300
8	93	5389	No	0.333	300
8	94	5374	No	0.333	300
8	95	5594	No	0.333	300
8	96	5499	***Yes***	0.333	300
8	97	5335	No	0.333	300
8	98	5607	No	0.333	300
8	99	5709	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 9 Trail(11-01-2013 14:00:29)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
9	0	5594	No	0.333	300
9	1	5707	No	0.333	300
9	2	5445	No	0.333	300
9	3	5643	No	0.333	300
9	4	5552	No	0.333	300
9	5	5394	No	0.333	300
9	6	5365	No	0.333	300
9	7	5319	No	0.333	300
9	8	5596	No	0.333	300
9	9	5425	No	0.333	300
9	10	5444	No	0.333	300
9	11	5332	No	0.333	300
9	12	5352	No	0.333	300
9	13	5314	No	0.333	300
9	14	5373	No	0.333	300
9	15	5342	No	0.333	300
9	16	5477	***Yes***	0.333	300
9	17	5381	No	0.333	300
9	18	5411	No	0.333	300
9	19	5317	No	0.333	300
9	20	5724	No	0.333	300
9	21	5529	No	0.333	300
9	22	5331	No	0.333	300
9	23	5499	***Yes***	0.333	300

9	24	5306	No	0.333	300
9	25	5296	No	0.333	300
9	26	5397	No	0.333	300
9	27	5625	No	0.333	300
9	28	5537	No	0.333	300
9	29	5321	No	0.333	300
9	30	5653	No	0.333	300
9	31	5580	No	0.333	300
9	32	5458	No	0.333	300
9	33	5399	No	0.333	300
9	34	5595	No	0.333	300
9	35	5265	No	0.333	300
9	36	5621	No	0.333	300
9	37	5564	No	0.333	300
9	38	5427	No	0.333	300
9	39	5410	No	0.333	300
9	40	5443	No	0.333	300
9	41	5601	No	0.333	300
9	42	5366	No	0.333	300
9	43	5600	No	0.333	300
9	44	5575	No	0.333	300
9	45	5640	No	0.333	300
9	46	5630	No	0.333	300
9	47	5579	No	0.333	300
9	48	5435	No	0.333	300
9	49	5674	No	0.333	300
9	50	5343	No	0.333	300

9	51	5467	***Yes***	0.333	300
9	52	5407	No	0.333	300
9	53	5645	No	0.333	300
9	54	5418	No	0.333	300
9	55	5619	No	0.333	300
9	56	5330	No	0.333	300
9	57	5664	No	0.333	300
9	58	5334	No	0.333	300
9	59	5604	No	0.333	300
9	60	5299	No	0.333	300
9	61	5528	No	0.333	300
9	62	5441	No	0.333	300
9	63	5498	***Yes***	0.333	300
9	64	5531	No	0.333	300
9	65	5305	No	0.333	300
9	66	5651	No	0.333	300
9	67	5472	***Yes***	0.333	300
9	68	5576	No	0.333	300
9	69	5479	***Yes***	0.333	300
9	70	5695	No	0.333	300
9	71	5500	***Yes***	0.333	300
9	72	5308	No	0.333	300
9	73	5563	No	0.333	300
9	74	5487	***Yes***	0.333	300
9	75	5609	No	0.333	300
9	76	5400	No	0.333	300
9	77	5585	No	0.333	300

9	78	5682	No	0.333	300
9	79	5699	No	0.333	300
9	80	5557	No	0.333	300
9	81	5497	***Yes***	0.333	300
9	82	5429	No	0.333	300
9	83	5398	No	0.333	300
9	84	5607	No	0.333	300
9	85	5378	No	0.333	300
9	86	5489	***Yes***	0.333	300
9	87	5555	No	0.333	300
9	88	5426	No	0.333	300
9	89	5297	No	0.333	300
9	90	5447	No	0.333	300
9	91	5274	No	0.333	300
9	92	5561	No	0.333	300
9	93	5359	No	0.333	300
9	94	5424	No	0.333	300
9	95	5532	No	0.333	300
9	96	5383	No	0.333	300
9	97	5548	No	0.333	300
9	98	5253	No	0.333	300
9	99	5615	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 10 Trail(11-01-2013 14:00:42)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
10	0	5341	No	0.333	300
10	1	5482	***Yes***	0.333	300
10	2	5524	No	0.333	300
10	3	5579	No	0.333	300
10	4	5701	No	0.333	300
10	5	5305	No	0.333	300
10	6	5278	No	0.333	300
10	7	5432	No	0.333	300
10	8	5522	***Yes***	0.333	300
10	9	5537	No	0.333	300
10	10	5616	No	0.333	300
10	11	5540	No	0.333	300
10	12	5329	No	0.333	300
10	13	5501	***Yes***	0.333	300
10	14	5646	No	0.333	300
10	15	5260	No	0.333	300
10	16	5474	***Yes***	0.333	300
10	17	5389	No	0.333	300
10	18	5324	No	0.333	300
10	19	5602	No	0.333	300
10	20	5711	No	0.333	300
10	21	5555	No	0.333	300
10	22	5315	No	0.333	300
10	23	5558	No	0.333	300

10	24	5626	No	0.333	300
10	25	5581	No	0.333	300
10	26	5418	No	0.333	300
10	27	5390	No	0.333	300
10	28	5438	No	0.333	300
10	29	5447	No	0.333	300
10	30	5371	No	0.333	300
10	31	5455	No	0.333	300
10	32	5295	No	0.333	300
10	33	5282	No	0.333	300
10	34	5583	No	0.333	300
10	35	5664	No	0.333	300
10	36	5423	No	0.333	300
10	37	5401	No	0.333	300
10	38	5490	***Yes***	0.333	300
10	39	5434	No	0.333	300
10	40	5492	***Yes***	0.333	300
10	41	5724	No	0.333	300
10	42	5299	No	0.333	300
10	43	5663	No	0.333	300
10	44	5285	No	0.333	300
10	45	5365	No	0.333	300
10	46	5363	No	0.333	300
10	47	5546	No	0.333	300
10	48	5578	No	0.333	300
10	49	5483	***Yes***	0.333	300
10	50	5415	No	0.333	300

10	51	5337	No	0.333	300
10	52	5539	No	0.333	300
10	53	5629	No	0.333	300
10	54	5257	No	0.333	300
10	55	5380	No	0.333	300
10	56	5719	No	0.333	300
10	57	5416	No	0.333	300
10	58	5303	No	0.333	300
10	59	5657	No	0.333	300
10	60	5332	No	0.333	300
10	61	5404	No	0.333	300
10	62	5446	No	0.333	300
10	63	5542	No	0.333	300
10	64	5722	No	0.333	300
10	65	5534	No	0.333	300
10	66	5543	No	0.333	300
10	67	5677	No	0.333	300
10	68	5330	No	0.333	300
10	69	5395	No	0.333	300
10	70	5562	No	0.333	300
10	71	5721	No	0.333	300
10	72	5592	No	0.333	300
10	73	5386	No	0.333	300
10	74	5344	No	0.333	300
10	75	5406	No	0.333	300
10	76	5561	No	0.333	300
10	77	5621	No	0.333	300

10	78	5400	No	0.333	300
10	79	5554	No	0.333	300
10	80	5378	No	0.333	300
10	81	5705	No	0.333	300
10	82	5465	***Yes***	0.333	300
10	83	5553	No	0.333	300
10	84	5530	No	0.333	300
10	85	5362	No	0.333	300
10	86	5527	No	0.333	300
10	87	5716	No	0.333	300
10	88	5514	***Yes***	0.333	300
10	89	5269	No	0.333	300
10	90	5584	No	0.333	300
10	91	5640	No	0.333	300
10	92	5291	No	0.333	300
10	93	5648	No	0.333	300
10	94	5393	No	0.333	300
10	95	5714	No	0.333	300
10	96	5419	No	0.333	300
10	97	5286	No	0.333	300
10	98	5289	No	0.333	300
10	99	5426	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 11 Trail(11-01-2013 14:00:57)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
11	0	5439	No	0.333	300
11	1	5551	No	0.333	300
11	2	5490	***Yes***	0.333	300
11	3	5602	No	0.333	300
11	4	5350	No	0.333	300
11	5	5571	No	0.333	300
11	6	5496	***Yes***	0.333	300
11	7	5566	No	0.333	300
11	8	5337	No	0.333	300
11	9	5436	No	0.333	300
11	10	5351	No	0.333	300
11	11	5360	No	0.333	300
11	12	5332	No	0.333	300
11	13	5370	No	0.333	300
11	14	5435	No	0.333	300
11	15	5432	No	0.333	300
11	16	5694	No	0.333	300
11	17	5253	No	0.333	300
11	18	5376	No	0.333	300
11	19	5534	No	0.333	300
11	20	5719	No	0.333	300
11	21	5391	No	0.333	300
11	22	5525	No	0.333	300
11	23	5271	No	0.333	300

11	24	5269	No	0.333	300
11	25	5288	No	0.333	300
11	26	5295	No	0.333	300
11	27	5533	No	0.333	300
11	28	5460	No	0.333	300
11	29	5480	***Yes***	0.333	300
11	30	5344	No	0.333	300
11	31	5449	No	0.333	300
11	32	5595	No	0.333	300
11	33	5633	No	0.333	300
11	34	5348	No	0.333	300
11	35	5598	No	0.333	300
11	36	5399	No	0.333	300
11	37	5340	No	0.333	300
11	38	5516	***Yes***	0.333	300
11	39	5655	No	0.333	300
11	40	5357	No	0.333	300
11	41	5347	No	0.333	300
11	42	5406	No	0.333	300
11	43	5353	No	0.333	300
11	44	5292	No	0.333	300
11	45	5411	No	0.333	300
11	46	5643	No	0.333	300
11	47	5278	No	0.333	300
11	48	5540	No	0.333	300
11	49	5506	***Yes***	0.333	300
11	50	5664	No	0.333	300

11	51	5702	No	0.333	300
11	52	5532	No	0.333	300
11	53	5536	No	0.333	300
11	54	5354	No	0.333	300
11	55	5457	No	0.333	300
11	56	5544	No	0.333	300
11	57	5553	No	0.333	300
11	58	5693	No	0.333	300
11	59	5612	No	0.333	300
11	60	5318	No	0.333	300
11	61	5695	No	0.333	300
11	62	5250	No	0.333	300
11	63	5361	No	0.333	300
11	64	5298	No	0.333	300
11	65	5322	No	0.333	300
11	66	5267	No	0.333	300
11	67	5508	***Yes***	0.333	300
11	68	5669	No	0.333	300
11	69	5706	No	0.333	300
11	70	5414	No	0.333	300
11	71	5632	No	0.333	300
11	72	5254	No	0.333	300
11	73	5549	No	0.333	300
11	74	5563	No	0.333	300
11	75	5529	No	0.333	300
11	76	5680	No	0.333	300
11	77	5276	No	0.333	300

11	78	5590	No	0.333	300
11	79	5684	No	0.333	300
11	80	5659	No	0.333	300
11	81	5465	***Yes***	0.333	300
11	82	5646	No	0.333	300
11	83	5570	No	0.333	300
11	84	5599	No	0.333	300
11	85	5670	No	0.333	300
11	86	5400	No	0.333	300
11	87	5565	No	0.333	300
11	88	5316	No	0.333	300
11	89	5291	No	0.333	300
11	90	5367	No	0.333	300
11	91	5363	No	0.333	300
11	92	5323	No	0.333	300
11	93	5324	No	0.333	300
11	94	5294	No	0.333	300
11	95	5329	No	0.333	300
11	96	5689	No	0.333	300
11	97	5277	No	0.333	300
11	98	5459	No	0.333	300
11	99	5479	***Yes***	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 12 Trail(11-01-2013 14:01:10)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
12	0	5722	No	0.333	300
12	1	5453	No	0.333	300
12	2	5497	***Yes***	0.333	300
12	3	5392	No	0.333	300
12	4	5569	No	0.333	300
12	5	5309	No	0.333	300
12	6	5699	No	0.333	300
12	7	5488	***Yes***	0.333	300
12	8	5327	No	0.333	300
12	9	5552	No	0.333	300
12	10	5540	No	0.333	300
12	11	5472	***Yes***	0.333	300
12	12	5267	No	0.333	300
12	13	5509	***Yes***	0.333	300
12	14	5536	No	0.333	300
12	15	5417	No	0.333	300
12	16	5278	No	0.333	300
12	17	5301	No	0.333	300
12	18	5269	No	0.333	300
12	19	5606	No	0.333	300
12	20	5399	No	0.333	300
12	21	5592	No	0.333	300
12	22	5689	No	0.333	300
12	23	5476	***Yes***	0.333	300

12	24	5390	No	0.333	300
12	25	5571	No	0.333	300
12	26	5446	No	0.333	300
12	27	5391	No	0.333	300
12	28	5342	No	0.333	300
12	29	5370	No	0.333	300
12	30	5622	No	0.333	300
12	31	5299	No	0.333	300
12	32	5667	No	0.333	300
12	33	5681	No	0.333	300
12	34	5576	No	0.333	300
12	35	5587	No	0.333	300
12	36	5561	No	0.333	300
12	37	5700	No	0.333	300
12	38	5422	No	0.333	300
12	39	5357	No	0.333	300
12	40	5710	No	0.333	300
12	41	5709	No	0.333	300
12	42	5480	***Yes***	0.333	300
12	43	5466	***Yes***	0.333	300
12	44	5499	***Yes***	0.333	300
12	45	5276	No	0.333	300
12	46	5303	No	0.333	300
12	47	5648	No	0.333	300
12	48	5412	No	0.333	300
12	49	5487	***Yes***	0.333	300
12	50	5473	***Yes***	0.333	300

12	51	5467	***Yes***	0.333	300
12	52	5457	No	0.333	300
12	53	5653	No	0.333	300
12	54	5281	No	0.333	300
12	55	5655	No	0.333	300
12	56	5705	No	0.333	300
12	57	5541	No	0.333	300
12	58	5545	No	0.333	300
12	59	5503	***Yes***	0.333	300
12	60	5563	No	0.333	300
12	61	5703	No	0.333	300
12	62	5599	No	0.333	300
12	63	5605	No	0.333	300
12	64	5568	No	0.333	300
12	65	5317	No	0.333	300
12	66	5664	No	0.333	300
12	67	5533	No	0.333	300
12	68	5483	***Yes***	0.333	300
12	69	5688	No	0.333	300
12	70	5707	No	0.333	300
12	71	5374	No	0.333	300
12	72	5676	No	0.333	300
12	73	5523	***Yes***	0.333	300
12	74	5325	No	0.333	300
12	75	5380	No	0.333	300
12	76	5641	No	0.333	300
12	77	5302	No	0.333	300

12	78	5419	No	0.333	300
12	79	5402	No	0.333	300
12	80	5493	***Yes***	0.333	300
12	81	5426	No	0.333	300
12	82	5481	***Yes***	0.333	300
12	83	5640	No	0.333	300
12	84	5257	No	0.333	300
12	85	5321	No	0.333	300
12	86	5603	No	0.333	300
12	87	5400	No	0.333	300
12	88	5593	No	0.333	300
12	89	5323	No	0.333	300
12	90	5255	No	0.333	300
12	91	5250	No	0.333	300
12	92	5502	***Yes***	0.333	300
12	93	5565	No	0.333	300
12	94	5589	No	0.333	300
12	95	5340	No	0.333	300
12	96	5306	No	0.333	300
12	97	5712	No	0.333	300
12	98	5294	No	0.333	300
12	99	5447	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 13 Trail(11-01-2013 14:01:24)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
13	0	5608	No	0.333	300
13	1	5272	No	0.333	300
13	2	5570	No	0.333	300
13	3	5250	No	0.333	300
13	4	5717	No	0.333	300
13	5	5594	No	0.333	300
13	6	5672	No	0.333	300
13	7	5314	No	0.333	300
13	8	5266	No	0.333	300
13	9	5498	***Yes***	0.333	300
13	10	5481	***Yes***	0.333	300
13	11	5536	No	0.333	300
13	12	5418	No	0.333	300
13	13	5658	No	0.333	300
13	14	5519	***Yes***	0.333	300
13	15	5673	No	0.333	300
13	16	5306	No	0.333	300
13	17	5582	No	0.333	300
13	18	5380	No	0.333	300
13	19	5562	No	0.333	300
13	20	5269	No	0.333	300
13	21	5261	No	0.333	300
13	22	5657	No	0.333	300
13	23	5404	No	0.333	300

13	24	5461	No	0.333	300
13	25	5485	***Yes***	0.333	300
13	26	5674	No	0.333	300
13	27	5649	No	0.333	300
13	28	5706	No	0.333	300
13	29	5699	No	0.333	300
13	30	5283	No	0.333	300
13	31	5700	No	0.333	300
13	32	5285	No	0.333	300
13	33	5693	No	0.333	300
13	34	5569	No	0.333	300
13	35	5363	No	0.333	300
13	36	5646	No	0.333	300
13	37	5488	***Yes***	0.333	300
13	38	5656	No	0.333	300
13	39	5662	No	0.333	300
13	40	5659	No	0.333	300
13	41	5276	No	0.333	300
13	42	5326	No	0.333	300
13	43	5721	No	0.333	300
13	44	5548	No	0.333	300
13	45	5710	No	0.333	300
13	46	5665	No	0.333	300
13	47	5701	No	0.333	300
13	48	5316	No	0.333	300
13	49	5291	No	0.333	300
13	50	5623	No	0.333	300

13	51	5579	No	0.333	300
13	52	5268	No	0.333	300
13	53	5580	No	0.333	300
13	54	5563	No	0.333	300
13	55	5695	No	0.333	300
13	56	5333	No	0.333	300
13	57	5416	No	0.333	300
13	58	5493	***Yes***	0.333	300
13	59	5406	No	0.333	300
13	60	5505	***Yes***	0.333	300
13	61	5358	No	0.333	300
13	62	5270	No	0.333	300
13	63	5507	***Yes***	0.333	300
13	64	5273	No	0.333	300
13	65	5389	No	0.333	300
13	66	5470	***Yes***	0.333	300
13	67	5643	No	0.333	300
13	68	5613	No	0.333	300
13	69	5591	No	0.333	300
13	70	5541	No	0.333	300
13	71	5534	No	0.333	300
13	72	5572	No	0.333	300
13	73	5596	No	0.333	300
13	74	5288	No	0.333	300
13	75	5631	No	0.333	300
13	76	5479	***Yes***	0.333	300
13	77	5510	***Yes***	0.333	300

13	78	5538	No	0.333	300
13	79	5468	***Yes***	0.333	300
13	80	5684	No	0.333	300
13	81	5724	No	0.333	300
13	82	5606	No	0.333	300
13	83	5702	No	0.333	300
13	84	5474	***Yes***	0.333	300
13	85	5707	No	0.333	300
13	86	5393	No	0.333	300
13	87	5278	No	0.333	300
13	88	5392	No	0.333	300
13	89	5375	No	0.333	300
13	90	5460	No	0.333	300
13	91	5390	No	0.333	300
13	92	5298	No	0.333	300
13	93	5370	No	0.333	300
13	94	5607	No	0.333	300
13	95	5300	No	0.333	300
13	96	5692	No	0.333	300
13	97	5414	No	0.333	300
13	98	5584	No	0.333	300
13	99	5423	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 14 Trail(11-01-2013 14:01:38)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
14	0	5276	No	0.333	300
14	1	5387	No	0.333	300
14	2	5686	No	0.333	300
14	3	5370	No	0.333	300
14	4	5688	No	0.333	300
14	5	5721	No	0.333	300
14	6	5412	No	0.333	300
14	7	5617	No	0.333	300
14	8	5450	No	0.333	300
14	9	5397	No	0.333	300
14	10	5388	No	0.333	300
14	11	5683	No	0.333	300
14	12	5599	No	0.333	300
14	13	5428	No	0.333	300
14	14	5671	No	0.333	300
14	15	5712	No	0.333	300
14	16	5449	No	0.333	300
14	17	5658	No	0.333	300
14	18	5465	***Yes***	0.333	300
14	19	5279	No	0.333	300
14	20	5291	No	0.333	300
14	21	5364	No	0.333	300
14	22	5661	No	0.333	300
14	23	5595	No	0.333	300

14	24	5348	No	0.333	300
14	25	5670	No	0.333	300
14	26	5720	No	0.333	300
14	27	5606	No	0.333	300
14	28	5406	No	0.333	300
14	29	5618	No	0.333	300
14	30	5507	***Yes***	0.333	300
14	31	5305	No	0.333	300
14	32	5508	***Yes***	0.333	300
14	33	5479	***Yes***	0.333	300
14	34	5596	No	0.333	300
14	35	5329	No	0.333	300
14	36	5438	No	0.333	300
14	37	5371	No	0.333	300
14	38	5457	No	0.333	300
14	39	5372	No	0.333	300
14	40	5695	No	0.333	300
14	41	5608	No	0.333	300
14	42	5307	No	0.333	300
14	43	5469	***Yes***	0.333	300
14	44	5332	No	0.333	300
14	45	5587	No	0.333	300
14	46	5369	No	0.333	300
14	47	5524	No	0.333	300
14	48	5480	***Yes***	0.333	300
14	49	5590	No	0.333	300
14	50	5306	No	0.333	300

14	51	5419	No	0.333	300
14	52	5265	No	0.333	300
14	53	5482	***Yes***	0.333	300
14	54	5359	No	0.333	300
14	55	5385	No	0.333	300
14	56	5458	No	0.333	300
14	57	5321	No	0.333	300
14	58	5570	No	0.333	300
14	59	5355	No	0.333	300
14	60	5478	***Yes***	0.333	300
14	61	5340	No	0.333	300
14	62	5253	No	0.333	300
14	63	5338	No	0.333	300
14	64	5627	No	0.333	300
14	65	5300	No	0.333	300
14	66	5333	No	0.333	300
14	67	5613	No	0.333	300
14	68	5651	No	0.333	300
14	69	5464	***Yes***	0.333	300
14	70	5336	No	0.333	300
14	71	5575	No	0.333	300
14	72	5641	No	0.333	300
14	73	5488	***Yes***	0.333	300
14	74	5442	No	0.333	300
14	75	5259	No	0.333	300
14	76	5319	No	0.333	300
14	77	5541	No	0.333	300

14	78	5384	No	0.333	300
14	79	5722	No	0.333	300
14	80	5349	No	0.333	300
14	81	5494	***Yes***	0.333	300
14	82	5295	No	0.333	300
14	83	5381	No	0.333	300
14	84	5393	No	0.333	300
14	85	5528	No	0.333	300
14	86	5280	No	0.333	300
14	87	5313	No	0.333	300
14	88	5544	No	0.333	300
14	89	5486	***Yes***	0.333	300
14	90	5543	No	0.333	300
14	91	5471	***Yes***	0.333	300
14	92	5402	No	0.333	300
14	93	5500	***Yes***	0.333	300
14	94	5610	No	0.333	300
14	95	5395	No	0.333	300
14	96	5534	No	0.333	300
14	97	5468	***Yes***	0.333	300
14	98	5328	No	0.333	300
14	99	5264	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 15 Trail(11-01-2013 14:01:52)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
15	0	5357	No	0.333	300
15	1	5429	No	0.333	300
15	2	5573	No	0.333	300
15	3	5567	No	0.333	300
15	4	5586	No	0.333	300
15	5	5721	No	0.333	300
15	6	5470	***Yes***	0.333	300
15	7	5651	No	0.333	300
15	8	5605	No	0.333	300
15	9	5719	No	0.333	300
15	10	5690	No	0.333	300
15	11	5324	No	0.333	300
15	12	5263	No	0.333	300
15	13	5613	No	0.333	300
15	14	5715	No	0.333	300
15	15	5716	No	0.333	300
15	16	5565	No	0.333	300
15	17	5554	No	0.333	300
15	18	5473	***Yes***	0.333	300
15	19	5474	***Yes***	0.333	300
15	20	5622	No	0.333	300
15	21	5545	No	0.333	300
15	22	5374	No	0.333	300
15	23	5259	No	0.333	300

15	24	5331	No	0.333	300
15	25	5691	No	0.333	300
15	26	5488	***Yes***	0.333	300
15	27	5593	No	0.333	300
15	28	5261	No	0.333	300
15	29	5533	No	0.333	300
15	30	5466	***Yes***	0.333	300
15	31	5376	No	0.333	300
15	32	5663	No	0.333	300
15	33	5490	***Yes***	0.333	300
15	34	5392	No	0.333	300
15	35	5528	No	0.333	300
15	36	5580	No	0.333	300
15	37	5674	No	0.333	300
15	38	5458	No	0.333	300
15	39	5438	No	0.333	300
15	40	5606	No	0.333	300
15	41	5560	No	0.333	300
15	42	5676	No	0.333	300
15	43	5295	No	0.333	300
15	44	5529	No	0.333	300
15	45	5353	No	0.333	300
15	46	5454	No	0.333	300
15	47	5714	No	0.333	300
15	48	5536	No	0.333	300
15	49	5703	No	0.333	300
15	50	5657	No	0.333	300

15	51	5519	***Yes***	0.333	300
15	52	5632	No	0.333	300
15	53	5447	No	0.333	300
15	54	5294	No	0.333	300
15	55	5602	No	0.333	300
15	56	5514	***Yes***	0.333	300
15	57	5668	No	0.333	300
15	58	5336	No	0.333	300
15	59	5303	No	0.333	300
15	60	5342	No	0.333	300
15	61	5667	No	0.333	300
15	62	5658	No	0.333	300
15	63	5300	No	0.333	300
15	64	5500	***Yes***	0.333	300
15	65	5436	No	0.333	300
15	66	5274	No	0.333	300
15	67	5553	No	0.333	300
15	68	5411	No	0.333	300
15	69	5495	***Yes***	0.333	300
15	70	5388	No	0.333	300
15	71	5321	No	0.333	300
15	72	5562	No	0.333	300
15	73	5643	No	0.333	300
15	74	5339	No	0.333	300
15	75	5487	***Yes***	0.333	300
15	76	5648	No	0.333	300
15	77	5684	No	0.333	300

15	78	5349	No	0.333	300
15	79	5306	No	0.333	300
15	80	5581	No	0.333	300
15	81	5361	No	0.333	300
15	82	5445	No	0.333	300
15	83	5305	No	0.333	300
15	84	5415	No	0.333	300
15	85	5275	No	0.333	300
15	86	5677	No	0.333	300
15	87	5577	No	0.333	300
15	88	5271	No	0.333	300
15	89	5706	No	0.333	300
15	90	5665	No	0.333	300
15	91	5318	No	0.333	300
15	92	5326	No	0.333	300
15	93	5406	No	0.333	300
15	94	5634	No	0.333	300
15	95	5702	No	0.333	300
15	96	5330	No	0.333	300
15	97	5433	No	0.333	300
15	98	5375	No	0.333	300
15	99	5517	***Yes***	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 16 Trail(11-01-2013 14:02:06)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
16	0	5468	***Yes***	0.333	300
16	1	5347	No	0.333	300
16	2	5565	No	0.333	300
16	3	5584	No	0.333	300
16	4	5289	No	0.333	300
16	5	5402	No	0.333	300
16	6	5650	No	0.333	300
16	7	5316	No	0.333	300
16	8	5328	No	0.333	300
16	9	5613	No	0.333	300
16	10	5573	No	0.333	300
16	11	5676	No	0.333	300
16	12	5478	***Yes***	0.333	300
16	13	5682	No	0.333	300
16	14	5431	No	0.333	300
16	15	5267	No	0.333	300
16	16	5705	No	0.333	300
16	17	5469	***Yes***	0.333	300
16	18	5557	No	0.333	300
16	19	5379	No	0.333	300
16	20	5477	***Yes***	0.333	300
16	21	5404	No	0.333	300
16	22	5362	No	0.333	300
16	23	5708	No	0.333	300

16	24	5447	No	0.333	300
16	25	5427	No	0.333	300
16	26	5581	No	0.333	300
16	27	5603	No	0.333	300
16	28	5451	No	0.333	300
16	29	5552	No	0.333	300
16	30	5568	No	0.333	300
16	31	5510	***Yes***	0.333	300
16	32	5575	No	0.333	300
16	33	5445	No	0.333	300
16	34	5627	No	0.333	300
16	35	5261	No	0.333	300
16	36	5721	No	0.333	300
16	37	5642	No	0.333	300
16	38	5579	No	0.333	300
16	39	5686	No	0.333	300
16	40	5346	No	0.333	300
16	41	5276	No	0.333	300
16	42	5631	No	0.333	300
16	43	5409	No	0.333	300
16	44	5486	***Yes***	0.333	300
16	45	5601	No	0.333	300
16	46	5520	***Yes***	0.333	300
16	47	5435	No	0.333	300
16	48	5663	No	0.333	300
16	49	5270	No	0.333	300
16	50	5503	***Yes***	0.333	300

16	51	5361	No	0.333	300
16	52	5506	***Yes***	0.333	300
16	53	5671	No	0.333	300
16	54	5723	No	0.333	300
16	55	5306	No	0.333	300
16	56	5679	No	0.333	300
16	57	5304	No	0.333	300
16	58	5595	No	0.333	300
16	59	5492	***Yes***	0.333	300
16	60	5265	No	0.333	300
16	61	5540	No	0.333	300
16	62	5331	No	0.333	300
16	63	5437	No	0.333	300
16	64	5254	No	0.333	300
16	65	5466	***Yes***	0.333	300
16	66	5388	No	0.333	300
16	67	5564	No	0.333	300
16	68	5359	No	0.333	300
16	69	5670	No	0.333	300
16	70	5288	No	0.333	300
16	71	5258	No	0.333	300
16	72	5724	No	0.333	300
16	73	5464	***Yes***	0.333	300
16	74	5666	No	0.333	300
16	75	5583	No	0.333	300
16	76	5624	No	0.333	300
16	77	5373	No	0.333	300

16	78	5668	No	0.333	300
16	79	5596	No	0.333	300
16	80	5623	No	0.333	300
16	81	5501	***Yes***	0.333	300
16	82	5407	No	0.333	300
16	83	5294	No	0.333	300
16	84	5334	No	0.333	300
16	85	5337	No	0.333	300
16	86	5353	No	0.333	300
16	87	5357	No	0.333	300
16	88	5487	***Yes***	0.333	300
16	89	5259	No	0.333	300
16	90	5563	No	0.333	300
16	91	5421	No	0.333	300
16	92	5574	No	0.333	300
16	93	5360	No	0.333	300
16	94	5707	No	0.333	300
16	95	5608	No	0.333	300
16	96	5585	No	0.333	300
16	97	5281	No	0.333	300
16	98	5576	No	0.333	300
16	99	5333	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 17 Trail(11-01-2013 14:02:20)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
17	0	5600	No	0.333	300
17	1	5333	No	0.333	300
17	2	5632	No	0.333	300
17	3	5554	No	0.333	300
17	4	5306	No	0.333	300
17	5	5321	No	0.333	300
17	6	5343	No	0.333	300
17	7	5325	No	0.333	300
17	8	5442	No	0.333	300
17	9	5685	No	0.333	300
17	10	5369	No	0.333	300
17	11	5533	No	0.333	300
17	12	5269	No	0.333	300
17	13	5468	***Yes***	0.333	300
17	14	5462	No	0.333	300
17	15	5400	No	0.333	300
17	16	5641	No	0.333	300
17	17	5550	No	0.333	300
17	18	5394	No	0.333	300
17	19	5274	No	0.333	300
17	20	5657	No	0.333	300
17	21	5503	***Yes***	0.333	300
17	22	5313	No	0.333	300
17	23	5464	***Yes***	0.333	300

17	24	5514	***Yes***	0.333	300
17	25	5454	No	0.333	300
17	26	5577	No	0.333	300
17	27	5649	No	0.333	300
17	28	5680	No	0.333	300
17	29	5402	No	0.333	300
17	30	5474	***Yes***	0.333	300
17	31	5616	No	0.333	300
17	32	5678	No	0.333	300
17	33	5549	No	0.333	300
17	34	5702	No	0.333	300
17	35	5555	No	0.333	300
17	36	5544	No	0.333	300
17	37	5340	No	0.333	300
17	38	5465	***Yes***	0.333	300
17	39	5403	No	0.333	300
17	40	5713	No	0.333	300
17	41	5459	No	0.333	300
17	42	5381	No	0.333	300
17	43	5595	No	0.333	300
17	44	5441	No	0.333	300
17	45	5668	No	0.333	300
17	46	5496	***Yes***	0.333	300
17	47	5696	No	0.333	300
17	48	5368	No	0.333	300
17	49	5378	No	0.333	300
17	50	5287	No	0.333	300

17	51	5290	No	0.333	300
17	52	5504	***Yes***	0.333	300
17	53	5466	***Yes***	0.333	300
17	54	5486	***Yes***	0.333	300
17	55	5669	No	0.333	300
17	56	5709	No	0.333	300
17	57	5578	No	0.333	300
17	58	5651	No	0.333	300
17	59	5350	No	0.333	300
17	60	5311	No	0.333	300
17	61	5662	No	0.333	300
17	62	5478	***Yes***	0.333	300
17	63	5587	No	0.333	300
17	64	5279	No	0.333	300
17	65	5673	No	0.333	300
17	66	5597	No	0.333	300
17	67	5334	No	0.333	300
17	68	5558	No	0.333	300
17	69	5346	No	0.333	300
17	70	5455	No	0.333	300
17	71	5432	No	0.333	300
17	72	5347	No	0.333	300
17	73	5530	No	0.333	300
17	74	5618	No	0.333	300
17	75	5493	***Yes***	0.333	300
17	76	5360	No	0.333	300
17	77	5543	No	0.333	300

17	78	5573	No	0.333	300
17	79	5643	No	0.333	300
17	80	5489	***Yes***	0.333	300
17	81	5476	***Yes***	0.333	300
17	82	5502	***Yes***	0.333	300
17	83	5672	No	0.333	300
17	84	5610	No	0.333	300
17	85	5705	No	0.333	300
17	86	5613	No	0.333	300
17	87	5585	No	0.333	300
17	88	5571	No	0.333	300
17	89	5682	No	0.333	300
17	90	5551	No	0.333	300
17	91	5298	No	0.333	300
17	92	5624	No	0.333	300
17	93	5421	No	0.333	300
17	94	5413	No	0.333	300
17	95	5391	No	0.333	300
17	96	5519	***Yes***	0.333	300
17	97	5560	No	0.333	300
17	98	5718	No	0.333	300
17	99	5292	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 18 Trail(11-01-2013 14:02:33)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
18	0	5607	No	0.333	300
18	1	5407	No	0.333	300
18	2	5259	No	0.333	300
18	3	5447	No	0.333	300
18	4	5588	No	0.333	300
18	5	5365	No	0.333	300
18	6	5326	No	0.333	300
18	7	5709	No	0.333	300
18	8	5475	***Yes***	0.333	300
18	9	5704	No	0.333	300
18	10	5368	No	0.333	300
18	11	5278	No	0.333	300
18	12	5626	No	0.333	300
18	13	5317	No	0.333	300
18	14	5303	No	0.333	300
18	15	5402	No	0.333	300
18	16	5314	No	0.333	300
18	17	5330	No	0.333	300
18	18	5674	No	0.333	300
18	19	5391	No	0.333	300
18	20	5644	No	0.333	300
18	21	5598	No	0.333	300
18	22	5436	No	0.333	300
18	23	5361	No	0.333	300

18	24	5279	No	0.333	300
18	25	5347	No	0.333	300
18	26	5307	No	0.333	300
18	27	5482	***Yes***	0.333	300
18	28	5266	No	0.333	300
18	29	5501	***Yes***	0.333	300
18	30	5375	No	0.333	300
18	31	5724	No	0.333	300
18	32	5389	No	0.333	300
18	33	5321	No	0.333	300
18	34	5710	No	0.333	300
18	35	5691	No	0.333	300
18	36	5684	No	0.333	300
18	37	5323	No	0.333	300
18	38	5390	No	0.333	300
18	39	5322	No	0.333	300
18	40	5452	No	0.333	300
18	41	5367	No	0.333	300
18	42	5575	No	0.333	300
18	43	5253	No	0.333	300
18	44	5373	No	0.333	300
18	45	5580	No	0.333	300
18	46	5262	No	0.333	300
18	47	5646	No	0.333	300
18	48	5645	No	0.333	300
18	49	5693	No	0.333	300
18	50	5648	No	0.333	300

18	51	5549	No	0.333	300
18	52	5432	No	0.333	300
18	53	5379	No	0.333	300
18	54	5339	No	0.333	300
18	55	5346	No	0.333	300
18	56	5712	No	0.333	300
18	57	5569	No	0.333	300
18	58	5677	No	0.333	300
18	59	5528	No	0.333	300
18	60	5466	***Yes***	0.333	300
18	61	5401	No	0.333	300
18	62	5526	No	0.333	300
18	63	5605	No	0.333	300
18	64	5567	No	0.333	300
18	65	5687	No	0.333	300
18	66	5457	No	0.333	300
18	67	5698	No	0.333	300
18	68	5461	No	0.333	300
18	69	5689	No	0.333	300
18	70	5400	No	0.333	300
18	71	5659	No	0.333	300
18	72	5319	No	0.333	300
18	73	5425	No	0.333	300
18	74	5672	No	0.333	300
18	75	5513	***Yes***	0.333	300
18	76	5453	No	0.333	300
18	77	5608	No	0.333	300

18	78	5257	No	0.333	300
18	79	5534	No	0.333	300
18	80	5570	No	0.333	300
18	81	5631	No	0.333	300
18	82	5560	No	0.333	300
18	83	5348	No	0.333	300
18	84	5360	No	0.333	300
18	85	5688	No	0.333	300
18	86	5473	***Yes***	0.333	300
18	87	5410	No	0.333	300
18	88	5450	No	0.333	300
18	89	5706	No	0.333	300
18	90	5494	***Yes***	0.333	300
18	91	5671	No	0.333	300
18	92	5632	No	0.333	300
18	93	5621	No	0.333	300
18	94	5300	No	0.333	300
18	95	5358	No	0.333	300
18	96	5506	***Yes***	0.333	300
18	97	5428	No	0.333	300
18	98	5471	***Yes***	0.333	300
18	99	5545	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 19 Trail(11-01-2013 14:02:48)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
19	0	5625	No	0.333	300
19	1	5652	No	0.333	300
19	2	5307	No	0.333	300
19	3	5482	***Yes***	0.333	300
19	4	5273	No	0.333	300
19	5	5510	***Yes***	0.333	300
19	6	5519	***Yes***	0.333	300
19	7	5260	No	0.333	300
19	8	5288	No	0.333	300
19	9	5722	No	0.333	300
19	10	5573	No	0.333	300
19	11	5434	No	0.333	300
19	12	5408	No	0.333	300
19	13	5412	No	0.333	300
19	14	5292	No	0.333	300
19	15	5560	No	0.333	300
19	16	5516	***Yes***	0.333	300
19	17	5411	No	0.333	300
19	18	5350	No	0.333	300
19	19	5431	No	0.333	300
19	20	5365	No	0.333	300
19	21	5586	No	0.333	300
19	22	5660	No	0.333	300
19	23	5699	No	0.333	300

19	24	5423	No	0.333	300
19	25	5432	No	0.333	300
19	26	5682	No	0.333	300
19	27	5663	No	0.333	300
19	28	5318	No	0.333	300
19	29	5361	No	0.333	300
19	30	5410	No	0.333	300
19	31	5454	No	0.333	300
19	32	5459	No	0.333	300
19	33	5675	No	0.333	300
19	34	5496	***Yes***	0.333	300
19	35	5469	***Yes***	0.333	300
19	36	5416	No	0.333	300
19	37	5266	No	0.333	300
19	38	5507	***Yes***	0.333	300
19	39	5685	No	0.333	300
19	40	5289	No	0.333	300
19	41	5708	No	0.333	300
19	42	5279	No	0.333	300
19	43	5645	No	0.333	300
19	44	5558	No	0.333	300
19	45	5705	No	0.333	300
19	46	5341	No	0.333	300
19	47	5584	No	0.333	300
19	48	5600	No	0.333	300
19	49	5474	***Yes***	0.333	300
19	50	5287	No	0.333	300

19	51	5721	No	0.333	300
19	52	5346	No	0.333	300
19	53	5317	No	0.333	300
19	54	5271	No	0.333	300
19	55	5406	No	0.333	300
19	56	5424	No	0.333	300
19	57	5523	***Yes***	0.333	300
19	58	5405	No	0.333	300
19	59	5492	***Yes***	0.333	300
19	60	5666	No	0.333	300
19	61	5328	No	0.333	300
19	62	5413	No	0.333	300
19	63	5422	No	0.333	300
19	64	5700	No	0.333	300
19	65	5368	No	0.333	300
19	66	5348	No	0.333	300
19	67	5306	No	0.333	300
19	68	5539	No	0.333	300
19	69	5524	No	0.333	300
19	70	5309	No	0.333	300
19	71	5369	No	0.333	300
19	72	5364	No	0.333	300
19	73	5301	No	0.333	300
19	74	5545	No	0.333	300
19	75	5263	No	0.333	300
19	76	5526	No	0.333	300
19	77	5298	No	0.333	300

19	78	5349	No	0.333	300
19	79	5353	No	0.333	300
19	80	5608	No	0.333	300
19	81	5714	No	0.333	300
19	82	5430	No	0.333	300
19	83	5543	No	0.333	300
19	84	5643	No	0.333	300
19	85	5642	No	0.333	300
19	86	5417	No	0.333	300
19	87	5580	No	0.333	300
19	88	5681	No	0.333	300
19	89	5669	No	0.333	300
19	90	5644	No	0.333	300
19	91	5452	No	0.333	300
19	92	5401	No	0.333	300
19	93	5527	No	0.333	300
19	94	5471	***Yes***	0.333	300
19	95	5499	***Yes***	0.333	300
19	96	5285	No	0.333	300
19	97	5277	No	0.333	300
19	98	5615	No	0.333	300
19	99	5702	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 20 Trail(11-01-2013 14:05:11)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
20	0	5335	No	0.333	300
20	1	5677	No	0.333	300
20	2	5539	No	0.333	300
20	3	5347	No	0.333	300
20	4	5331	No	0.333	300
20	5	5310	No	0.333	300
20	6	5430	No	0.333	300
20	7	5496	***Yes***	0.333	300
20	8	5697	No	0.333	300
20	9	5542	No	0.333	300
20	10	5601	No	0.333	300
20	11	5339	No	0.333	300
20	12	5356	No	0.333	300
20	13	5395	No	0.333	300
20	14	5564	No	0.333	300
20	15	5402	No	0.333	300
20	16	5584	No	0.333	300
20	17	5685	No	0.333	300
20	18	5274	No	0.333	300
20	19	5345	No	0.333	300
20	20	5628	No	0.333	300
20	21	5651	No	0.333	300
20	22	5475	***Yes***	0.333	300
20	23	5311	No	0.333	300

20	24	5340	No	0.333	300
20	25	5263	No	0.333	300
20	26	5636	No	0.333	300
20	27	5654	No	0.333	300
20	28	5267	No	0.333	300
20	29	5484	***Yes***	0.333	300
20	30	5467	***Yes***	0.333	300
20	31	5323	No	0.333	300
20	32	5577	No	0.333	300
20	33	5607	No	0.333	300
20	34	5369	No	0.333	300
20	35	5535	No	0.333	300
20	36	5435	No	0.333	300
20	37	5701	No	0.333	300
20	38	5497	***Yes***	0.333	300
20	39	5531	No	0.333	300
20	40	5388	No	0.333	300
20	41	5336	No	0.333	300
20	42	5411	No	0.333	300
20	43	5611	No	0.333	300
20	44	5692	No	0.333	300
20	45	5303	No	0.333	300
20	46	5444	No	0.333	300
20	47	5600	No	0.333	300
20	48	5699	No	0.333	300
20	49	5366	No	0.333	300
20	50	5721	No	0.333	300

20	51	5545	No	0.333	300
20	52	5399	No	0.333	300
20	53	5422	No	0.333	300
20	54	5632	No	0.333	300
20	55	5381	No	0.333	300
20	56	5625	No	0.333	300
20	57	5537	No	0.333	300
20	58	5585	No	0.333	300
20	59	5624	No	0.333	300
20	60	5658	No	0.333	300
20	61	5416	No	0.333	300
20	62	5635	No	0.333	300
20	63	5447	No	0.333	300
20	64	5320	No	0.333	300
20	65	5329	No	0.333	300
20	66	5661	No	0.333	300
20	67	5424	No	0.333	300
20	68	5445	No	0.333	300
20	69	5262	No	0.333	300
20	70	5664	No	0.333	300
20	71	5518	***Yes***	0.333	300
20	72	5437	No	0.333	300
20	73	5433	No	0.333	300
20	74	5455	No	0.333	300
20	75	5712	No	0.333	300
20	76	5296	No	0.333	300
20	77	5302	No	0.333	300

20	78	5666	No	0.333	300
20	79	5293	No	0.333	300
20	80	5384	No	0.333	300
20	81	5252	No	0.333	300
20	82	5397	No	0.333	300
20	83	5318	No	0.333	300
20	84	5359	No	0.333	300
20	85	5582	No	0.333	300
20	86	5633	No	0.333	300
20	87	5459	No	0.333	300
20	88	5256	No	0.333	300
20	89	5314	No	0.333	300
20	90	5687	No	0.333	300
20	91	5581	No	0.333	300
20	92	5391	No	0.333	300
20	93	5375	No	0.333	300
20	94	5507	***Yes***	0.333	300
20	95	5442	No	0.333	300
20	96	5513	***Yes***	0.333	300
20	97	5637	No	0.333	300
20	98	5678	No	0.333	300
20	99	5275	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 21 Trail(11-01-2013 14:04:57)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
21	0	5477	***Yes***	0.333	300
21	1	5319	No	0.333	300
21	2	5697	No	0.333	300
21	3	5458	No	0.333	300
21	4	5597	No	0.333	300
21	5	5693	No	0.333	300
21	6	5539	No	0.333	300
21	7	5602	No	0.333	300
21	8	5363	No	0.333	300
21	9	5370	No	0.333	300
21	10	5251	No	0.333	300
21	11	5266	No	0.333	300
21	12	5345	No	0.333	300
21	13	5648	No	0.333	300
21	14	5715	No	0.333	300
21	15	5684	No	0.333	300
21	16	5407	No	0.333	300
21	17	5271	No	0.333	300
21	18	5506	***Yes***	0.333	300
21	19	5649	No	0.333	300
21	20	5587	No	0.333	300
21	21	5668	No	0.333	300
21	22	5262	No	0.333	300
21	23	5331	No	0.333	300

21	24	5560	No	0.333	300
21	25	5710	No	0.333	300
21	26	5605	No	0.333	300
21	27	5611	No	0.333	300
21	28	5702	No	0.333	300
21	29	5708	No	0.333	300
21	30	5630	No	0.333	300
21	31	5535	No	0.333	300
21	32	5388	No	0.333	300
21	33	5556	No	0.333	300
21	34	5591	No	0.333	300
21	35	5519	***Yes***	0.333	300
21	36	5480	***Yes***	0.333	300
21	37	5717	No	0.333	300
21	38	5326	No	0.333	300
21	39	5330	No	0.333	300
21	40	5655	No	0.333	300
21	41	5642	No	0.333	300
21	42	5530	No	0.333	300
21	43	5524	No	0.333	300
21	44	5272	No	0.333	300
21	45	5352	No	0.333	300
21	46	5443	No	0.333	300
21	47	5308	No	0.333	300
21	48	5687	No	0.333	300
21	49	5626	No	0.333	300
21	50	5385	No	0.333	300

21	51	5707	No	0.333	300
21	52	5590	No	0.333	300
21	53	5523	***Yes***	0.333	300
21	54	5623	No	0.333	300
21	55	5332	No	0.333	300
21	56	5435	No	0.333	300
21	57	5618	No	0.333	300
21	58	5479	***Yes***	0.333	300
21	59	5638	No	0.333	300
21	60	5398	No	0.333	300
21	61	5617	No	0.333	300
21	62	5675	No	0.333	300
21	63	5657	No	0.333	300
21	64	5390	No	0.333	300
21	65	5460	No	0.333	300
21	66	5690	No	0.333	300
21	67	5549	No	0.333	300
21	68	5259	No	0.333	300
21	69	5588	No	0.333	300
21	70	5543	No	0.333	300
21	71	5496	***Yes***	0.333	300
21	72	5364	No	0.333	300
21	73	5691	No	0.333	300
21	74	5625	No	0.333	300
21	75	5529	No	0.333	300
21	76	5253	No	0.333	300
21	77	5679	No	0.333	300

21	78	5544	No	0.333	300
21	79	5408	No	0.333	300
21	80	5412	No	0.333	300
21	81	5495	***Yes***	0.333	300
21	82	5342	No	0.333	300
21	83	5716	No	0.333	300
21	84	5312	No	0.333	300
21	85	5445	No	0.333	300
21	86	5553	No	0.333	300
21	87	5694	No	0.333	300
21	88	5650	No	0.333	300
21	89	5502	***Yes***	0.333	300
21	90	5500	***Yes***	0.333	300
21	91	5418	No	0.333	300
21	92	5706	No	0.333	300
21	93	5410	No	0.333	300
21	94	5456	No	0.333	300
21	95	5449	No	0.333	300
21	96	5557	No	0.333	300
21	97	5283	No	0.333	300
21	98	5261	No	0.333	300
21	99	5568	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 22 Trail(11-01-2013 14:04:41)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
22	0	5356	No	0.333	300
22	1	5457	No	0.333	300
22	2	5453	No	0.333	300
22	3	5462	No	0.333	300
22	4	5669	No	0.333	300
22	5	5351	No	0.333	300
22	6	5305	No	0.333	300
22	7	5512	***Yes***	0.333	300
22	8	5643	No	0.333	300
22	9	5480	***Yes***	0.333	300
22	10	5683	No	0.333	300
22	11	5471	***Yes***	0.333	300
22	12	5596	No	0.333	300
22	13	5659	No	0.333	300
22	14	5704	No	0.333	300
22	15	5485	***Yes***	0.333	300
22	16	5405	No	0.333	300
22	17	5656	No	0.333	300
22	18	5635	No	0.333	300
22	19	5272	No	0.333	300
22	20	5479	***Yes***	0.333	300
22	21	5423	No	0.333	300
22	22	5465	***Yes***	0.333	300
22	23	5509	***Yes***	0.333	300

22	24	5417	No	0.333	300
22	25	5696	No	0.333	300
22	26	5355	No	0.333	300
22	27	5492	***Yes***	0.333	300
22	28	5536	No	0.333	300
22	29	5570	No	0.333	300
22	30	5461	No	0.333	300
22	31	5267	No	0.333	300
22	32	5722	No	0.333	300
22	33	5561	No	0.333	300
22	34	5666	No	0.333	300
22	35	5293	No	0.333	300
22	36	5431	No	0.333	300
22	37	5469	***Yes***	0.333	300
22	38	5706	No	0.333	300
22	39	5528	No	0.333	300
22	40	5642	No	0.333	300
22	41	5300	No	0.333	300
22	42	5360	No	0.333	300
22	43	5291	No	0.333	300
22	44	5557	No	0.333	300
22	45	5413	No	0.333	300
22	46	5284	No	0.333	300
22	47	5416	No	0.333	300
22	48	5653	No	0.333	300
22	49	5565	No	0.333	300
22	50	5460	No	0.333	300

22	51	5497	***Yes***	0.333	300
22	52	5365	No	0.333	300
22	53	5599	No	0.333	300
22	54	5368	No	0.333	300
22	55	5341	No	0.333	300
22	56	5325	No	0.333	300
22	57	5569	No	0.333	300
22	58	5571	No	0.333	300
22	59	5555	No	0.333	300
22	60	5294	No	0.333	300
22	61	5641	No	0.333	300
22	62	5317	No	0.333	300
22	63	5520	***Yes***	0.333	300
22	64	5406	No	0.333	300
22	65	5400	No	0.333	300
22	66	5655	No	0.333	300
22	67	5619	No	0.333	300
22	68	5618	No	0.333	300
22	69	5340	No	0.333	300
22	70	5478	***Yes***	0.333	300
22	71	5384	No	0.333	300
22	72	5590	No	0.333	300
22	73	5278	No	0.333	300
22	74	5331	No	0.333	300
22	75	5411	No	0.333	300
22	76	5352	No	0.333	300
22	77	5581	No	0.333	300

22	78	5537	No	0.333	300
22	79	5682	No	0.333	300
22	80	5439	No	0.333	300
22	81	5348	No	0.333	300
22	82	5301	No	0.333	300
22	83	5433	No	0.333	300
22	84	5357	No	0.333	300
22	85	5710	No	0.333	300
22	86	5342	No	0.333	300
22	87	5350	No	0.333	300
22	88	5538	No	0.333	300
22	89	5440	No	0.333	300
22	90	5374	No	0.333	300
22	91	5567	No	0.333	300
22	92	5473	***Yes***	0.333	300
22	93	5396	No	0.333	300
22	94	5297	No	0.333	300
22	95	5579	No	0.333	300
22	96	5546	No	0.333	300
22	97	5562	No	0.333	300
22	98	5690	No	0.333	300
22	99	5652	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 23 Trail(11-01-2013 14:04:27)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
23	0	5705	No	0.333	300
23	1	5311	No	0.333	300
23	2	5659	No	0.333	300
23	3	5257	No	0.333	300
23	4	5694	No	0.333	300
23	5	5545	No	0.333	300
23	6	5670	No	0.333	300
23	7	5674	No	0.333	300
23	8	5350	No	0.333	300
23	9	5448	No	0.333	300
23	10	5273	No	0.333	300
23	11	5566	No	0.333	300
23	12	5468	***Yes***	0.333	300
23	13	5446	No	0.333	300
23	14	5723	No	0.333	300
23	15	5321	No	0.333	300
23	16	5463	***Yes***	0.333	300
23	17	5646	No	0.333	300
23	18	5548	No	0.333	300
23	19	5588	No	0.333	300
23	20	5612	No	0.333	300
23	21	5436	No	0.333	300
23	22	5390	No	0.333	300
23	23	5309	No	0.333	300

23	24	5571	No	0.333	300
23	25	5614	No	0.333	300
23	26	5317	No	0.333	300
23	27	5300	No	0.333	300
23	28	5340	No	0.333	300
23	29	5699	No	0.333	300
23	30	5383	No	0.333	300
23	31	5392	No	0.333	300
23	32	5506	***Yes***	0.333	300
23	33	5578	No	0.333	300
23	34	5589	No	0.333	300
23	35	5333	No	0.333	300
23	36	5688	No	0.333	300
23	37	5582	No	0.333	300
23	38	5369	No	0.333	300
23	39	5624	No	0.333	300
23	40	5559	No	0.333	300
23	41	5637	No	0.333	300
23	42	5519	***Yes***	0.333	300
23	43	5398	No	0.333	300
23	44	5385	No	0.333	300
23	45	5607	No	0.333	300
23	46	5452	No	0.333	300
23	47	5305	No	0.333	300
23	48	5344	No	0.333	300
23	49	5563	No	0.333	300
23	50	5478	***Yes***	0.333	300

23	51	5668	No	0.333	300
23	52	5396	No	0.333	300
23	53	5253	No	0.333	300
23	54	5502	***Yes***	0.333	300
23	55	5264	No	0.333	300
23	56	5675	No	0.333	300
23	57	5681	No	0.333	300
23	58	5268	No	0.333	300
23	59	5572	No	0.333	300
23	60	5570	No	0.333	300
23	61	5457	No	0.333	300
23	62	5432	No	0.333	300
23	63	5690	No	0.333	300
23	64	5650	No	0.333	300
23	65	5696	No	0.333	300
23	66	5325	No	0.333	300
23	67	5565	No	0.333	300
23	68	5251	No	0.333	300
23	69	5678	No	0.333	300
23	70	5613	No	0.333	300
23	71	5649	No	0.333	300
23	72	5543	No	0.333	300
23	73	5339	No	0.333	300
23	74	5288	No	0.333	300
23	75	5263	No	0.333	300
23	76	5673	No	0.333	300
23	77	5371	No	0.333	300

23	78	5479	***Yes***	0.333	300
23	79	5524	No	0.333	300
23	80	5641	No	0.333	300
23	81	5278	No	0.333	300
23	82	5431	No	0.333	300
23	83	5597	No	0.333	300
23	84	5636	No	0.333	300
23	85	5433	No	0.333	300
23	86	5553	No	0.333	300
23	87	5552	No	0.333	300
23	88	5651	No	0.333	300
23	89	5585	No	0.333	300
23	90	5634	No	0.333	300
23	91	5261	No	0.333	300
23	92	5275	No	0.333	300
23	93	5449	No	0.333	300
23	94	5671	No	0.333	300
23	95	5386	No	0.333	300
23	96	5669	No	0.333	300
23	97	5389	No	0.333	300
23	98	5378	No	0.333	300
23	99	5707	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 24 Trail(11-01-2013 14:04:14)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
24	0	5408	No	0.333	300
24	1	5649	No	0.333	300
24	2	5490	***Yes***	0.333	300
24	3	5652	No	0.333	300
24	4	5270	No	0.333	300
24	5	5431	No	0.333	300
24	6	5578	No	0.333	300
24	7	5515	***Yes***	0.333	300
24	8	5320	No	0.333	300
24	9	5403	No	0.333	300
24	10	5463	***Yes***	0.333	300
24	11	5283	No	0.333	300
24	12	5372	No	0.333	300
24	13	5642	No	0.333	300
24	14	5672	No	0.333	300
24	15	5499	***Yes***	0.333	300
24	16	5670	No	0.333	300
24	17	5528	No	0.333	300
24	18	5496	***Yes***	0.333	300
24	19	5603	No	0.333	300
24	20	5653	No	0.333	300
24	21	5409	No	0.333	300
24	22	5441	No	0.333	300
24	23	5723	No	0.333	300

24	24	5514	***Yes***	0.333	300
24	25	5637	No	0.333	300
24	26	5704	No	0.333	300
24	27	5613	No	0.333	300
24	28	5470	***Yes***	0.333	300
24	29	5478	***Yes***	0.333	300
24	30	5454	No	0.333	300
24	31	5295	No	0.333	300
24	32	5421	No	0.333	300
24	33	5621	No	0.333	300
24	34	5294	No	0.333	300
24	35	5394	No	0.333	300
24	36	5422	No	0.333	300
24	37	5267	No	0.333	300
24	38	5379	No	0.333	300
24	39	5560	No	0.333	300
24	40	5521	***Yes***	0.333	300
24	41	5293	No	0.333	300
24	42	5541	No	0.333	300
24	43	5321	No	0.333	300
24	44	5302	No	0.333	300
24	45	5536	No	0.333	300
24	46	5381	No	0.333	300
24	47	5584	No	0.333	300
24	48	5546	No	0.333	300
24	49	5485	***Yes***	0.333	300
24	50	5571	No	0.333	300

24	51	5640	No	0.333	300
24	52	5284	No	0.333	300
24	53	5314	No	0.333	300
24	54	5682	No	0.333	300
24	55	5658	No	0.333	300
24	56	5721	No	0.333	300
24	57	5412	No	0.333	300
24	58	5385	No	0.333	300
24	59	5706	No	0.333	300
24	60	5531	No	0.333	300
24	61	5572	No	0.333	300
24	62	5377	No	0.333	300
24	63	5523	***Yes***	0.333	300
24	64	5472	***Yes***	0.333	300
24	65	5551	No	0.333	300
24	66	5260	No	0.333	300
24	67	5444	No	0.333	300
24	68	5633	No	0.333	300
24	69	5688	No	0.333	300
24	70	5488	***Yes***	0.333	300
24	71	5368	No	0.333	300
24	72	5327	No	0.333	300
24	73	5636	No	0.333	300
24	74	5425	No	0.333	300
24	75	5257	No	0.333	300
24	76	5558	No	0.333	300
24	77	5318	No	0.333	300

24	78	5494	***Yes***	0.333	300
24	79	5585	No	0.333	300
24	80	5447	No	0.333	300
24	81	5400	No	0.333	300
24	82	5665	No	0.333	300
24	83	5352	No	0.333	300
24	84	5566	No	0.333	300
24	85	5435	No	0.333	300
24	86	5668	No	0.333	300
24	87	5712	No	0.333	300
24	88	5423	No	0.333	300
24	89	5495	***Yes***	0.333	300
24	90	5308	No	0.333	300
24	91	5373	No	0.333	300
24	92	5285	No	0.333	300
24	93	5324	No	0.333	300
24	94	5518	***Yes***	0.333	300
24	95	5378	No	0.333	300
24	96	5561	No	0.333	300
24	97	5304	No	0.333	300
24	98	5524	No	0.333	300
24	99	5328	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 25 Trail(11-01-2013 14:04:00)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
25	0	5579	No	0.333	300
25	1	5350	No	0.333	300
25	2	5427	No	0.333	300
25	3	5345	No	0.333	300
25	4	5575	No	0.333	300
25	5	5485	***Yes***	0.333	300
25	6	5636	No	0.333	300
25	7	5670	No	0.333	300
25	8	5457	No	0.333	300
25	9	5520	***Yes***	0.333	300
25	10	5414	No	0.333	300
25	11	5258	No	0.333	300
25	12	5607	No	0.333	300
25	13	5664	No	0.333	300
25	14	5317	No	0.333	300
25	15	5679	No	0.333	300
25	16	5340	No	0.333	300
25	17	5567	No	0.333	300
25	18	5256	No	0.333	300
25	19	5421	No	0.333	300
25	20	5571	No	0.333	300
25	21	5707	No	0.333	300
25	22	5721	No	0.333	300
25	23	5500	***Yes***	0.333	300

25	24	5540	No	0.333	300
25	25	5415	No	0.333	300
25	26	5619	No	0.333	300
25	27	5692	No	0.333	300
25	28	5547	No	0.333	300
25	29	5401	No	0.333	300
25	30	5412	No	0.333	300
25	31	5288	No	0.333	300
25	32	5389	No	0.333	300
25	33	5652	No	0.333	300
25	34	5722	No	0.333	300
25	35	5436	No	0.333	300
25	36	5699	No	0.333	300
25	37	5683	No	0.333	300
25	38	5338	No	0.333	300
25	39	5505	***Yes***	0.333	300
25	40	5716	No	0.333	300
25	41	5701	No	0.333	300
25	42	5310	No	0.333	300
25	43	5432	No	0.333	300
25	44	5321	No	0.333	300
25	45	5685	No	0.333	300
25	46	5493	***Yes***	0.333	300
25	47	5435	No	0.333	300
25	48	5388	No	0.333	300
25	49	5696	No	0.333	300
25	50	5551	No	0.333	300

25	51	5448	No	0.333	300
25	52	5517	***Yes***	0.333	300
25	53	5478	***Yes***	0.333	300
25	54	5465	***Yes***	0.333	300
25	55	5676	No	0.333	300
25	56	5476	***Yes***	0.333	300
25	57	5653	No	0.333	300
25	58	5518	***Yes***	0.333	300
25	59	5702	No	0.333	300
25	60	5343	No	0.333	300
25	61	5618	No	0.333	300
25	62	5481	***Yes***	0.333	300
25	63	5596	No	0.333	300
25	64	5254	No	0.333	300
25	65	5643	No	0.333	300
25	66	5296	No	0.333	300
25	67	5536	No	0.333	300
25	68	5604	No	0.333	300
25	69	5569	No	0.333	300
25	70	5600	No	0.333	300
25	71	5349	No	0.333	300
25	72	5422	No	0.333	300
25	73	5558	No	0.333	300
25	74	5486	***Yes***	0.333	300
25	75	5424	No	0.333	300
25	76	5455	No	0.333	300
25	77	5352	No	0.333	300

25	78	5442	No	0.333	300
25	79	5437	No	0.333	300
25	80	5314	No	0.333	300
25	81	5399	No	0.333	300
25	82	5419	No	0.333	300
25	83	5484	***Yes***	0.333	300
25	84	5285	No	0.333	300
25	85	5678	No	0.333	300
25	86	5327	No	0.333	300
25	87	5298	No	0.333	300
25	88	5307	No	0.333	300
25	89	5406	No	0.333	300
25	90	5404	No	0.333	300
25	91	5430	No	0.333	300
25	92	5417	No	0.333	300
25	93	5498	***Yes***	0.333	300
25	94	5598	No	0.333	300
25	95	5302	No	0.333	300
25	96	5630	No	0.333	300
25	97	5690	No	0.333	300
25	98	5603	No	0.333	300
25	99	5642	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 26 Trail(11-01-2013 14:03:44)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
26	0	5598	No	0.333	300
26	1	5368	No	0.333	300
26	2	5410	No	0.333	300
26	3	5308	No	0.333	300
26	4	5648	No	0.333	300
26	5	5253	No	0.333	300
26	6	5474	***Yes***	0.333	300
26	7	5272	No	0.333	300
26	8	5362	No	0.333	300
26	9	5555	No	0.333	300
26	10	5348	No	0.333	300
26	11	5563	No	0.333	300
26	12	5386	No	0.333	300
26	13	5305	No	0.333	300
26	14	5641	No	0.333	300
26	15	5360	No	0.333	300
26	16	5703	No	0.333	300
26	17	5669	No	0.333	300
26	18	5304	No	0.333	300
26	19	5429	No	0.333	300
26	20	5601	No	0.333	300
26	21	5584	No	0.333	300
26	22	5692	No	0.333	300
26	23	5722	No	0.333	300

26	24	5343	No	0.333	300
26	25	5486	***Yes***	0.333	300
26	26	5336	No	0.333	300
26	27	5566	No	0.333	300
26	28	5333	No	0.333	300
26	29	5582	No	0.333	300
26	30	5374	No	0.333	300
26	31	5297	No	0.333	300
26	32	5678	No	0.333	300
26	33	5466	***Yes***	0.333	300
26	34	5324	No	0.333	300
26	35	5484	***Yes***	0.333	300
26	36	5310	No	0.333	300
26	37	5558	No	0.333	300
26	38	5393	No	0.333	300
26	39	5334	No	0.333	300
26	40	5535	No	0.333	300
26	41	5502	***Yes***	0.333	300
26	42	5534	No	0.333	300
26	43	5704	No	0.333	300
26	44	5316	No	0.333	300
26	45	5264	No	0.333	300
26	46	5609	No	0.333	300
26	47	5377	No	0.333	300
26	48	5352	No	0.333	300
26	49	5690	No	0.333	300
26	50	5680	No	0.333	300

26	51	5357	No	0.333	300
26	52	5418	No	0.333	300
26	53	5544	No	0.333	300
26	54	5280	No	0.333	300
26	55	5397	No	0.333	300
26	56	5589	No	0.333	300
26	57	5420	No	0.333	300
26	58	5637	No	0.333	300
26	59	5309	No	0.333	300
26	60	5268	No	0.333	300
26	61	5392	No	0.333	300
26	62	5685	No	0.333	300
26	63	5587	No	0.333	300
26	64	5613	No	0.333	300
26	65	5632	No	0.333	300
26	66	5531	No	0.333	300
26	67	5376	No	0.333	300
26	68	5285	No	0.333	300
26	69	5408	No	0.333	300
26	70	5302	No	0.333	300
26	71	5258	No	0.333	300
26	72	5646	No	0.333	300
26	73	5289	No	0.333	300
26	74	5631	No	0.333	300
26	75	5622	No	0.333	300
26	76	5277	No	0.333	300
26	77	5335	No	0.333	300

26	78	5546	No	0.333	300
26	79	5385	No	0.333	300
26	80	5462	No	0.333	300
26	81	5270	No	0.333	300
26	82	5259	No	0.333	300
26	83	5564	No	0.333	300
26	84	5467	***Yes***	0.333	300
26	85	5430	No	0.333	300
26	86	5446	No	0.333	300
26	87	5657	No	0.333	300
26	88	5614	No	0.333	300
26	89	5574	No	0.333	300
26	90	5351	No	0.333	300
26	91	5671	No	0.333	300
26	92	5694	No	0.333	300
26	93	5570	No	0.333	300
26	94	5299	No	0.333	300
26	95	5250	No	0.333	300
26	96	5449	No	0.333	300
26	97	5442	No	0.333	300
26	98	5329	No	0.333	300
26	99	5278	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 27 Trail(11-01-2013 14:03:30)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
27	0	5652	No	0.333	300
27	1	5705	No	0.333	300
27	2	5255	No	0.333	300
27	3	5389	No	0.333	300
27	4	5460	No	0.333	300
27	5	5361	No	0.333	300
27	6	5685	No	0.333	300
27	7	5276	No	0.333	300
27	8	5295	No	0.333	300
27	9	5299	No	0.333	300
27	10	5268	No	0.333	300
27	11	5482	***Yes***	0.333	300
27	12	5343	No	0.333	300
27	13	5445	No	0.333	300
27	14	5332	No	0.333	300
27	15	5654	No	0.333	300
27	16	5683	No	0.333	300
27	17	5602	No	0.333	300
27	18	5537	No	0.333	300
27	19	5533	No	0.333	300
27	20	5265	No	0.333	300
27	21	5452	No	0.333	300
27	22	5680	No	0.333	300
27	23	5595	No	0.333	300

27	24	5627	No	0.333	300
27	25	5496	***Yes***	0.333	300
27	26	5416	No	0.333	300
27	27	5608	No	0.333	300
27	28	5302	No	0.333	300
27	29	5281	No	0.333	300
27	30	5663	No	0.333	300
27	31	5473	***Yes***	0.333	300
27	32	5394	No	0.333	300
27	33	5557	No	0.333	300
27	34	5327	No	0.333	300
27	35	5382	No	0.333	300
27	36	5510	***Yes***	0.333	300
27	37	5296	No	0.333	300
27	38	5601	No	0.333	300
27	39	5564	No	0.333	300
27	40	5395	No	0.333	300
27	41	5341	No	0.333	300
27	42	5594	No	0.333	300
27	43	5471	***Yes***	0.333	300
27	44	5565	No	0.333	300
27	45	5415	No	0.333	300
27	46	5435	No	0.333	300
27	47	5457	No	0.333	300
27	48	5518	***Yes***	0.333	300
27	49	5279	No	0.333	300
27	50	5287	No	0.333	300

27	51	5694	No	0.333	300
27	52	5695	No	0.333	300
27	53	5400	No	0.333	300
27	54	5269	No	0.333	300
27	55	5517	***Yes***	0.333	300
27	56	5531	No	0.333	300
27	57	5686	No	0.333	300
27	58	5643	No	0.333	300
27	59	5356	No	0.333	300
27	60	5623	No	0.333	300
27	61	5561	No	0.333	300
27	62	5536	No	0.333	300
27	63	5492	***Yes***	0.333	300
27	64	5402	No	0.333	300
27	65	5334	No	0.333	300
27	66	5545	No	0.333	300
27	67	5339	No	0.333	300
27	68	5582	No	0.333	300
27	69	5290	No	0.333	300
27	70	5579	No	0.333	300
27	71	5617	No	0.333	300
27	72	5605	No	0.333	300
27	73	5568	No	0.333	300
27	74	5464	***Yes***	0.333	300
27	75	5597	No	0.333	300
27	76	5254	No	0.333	300
27	77	5611	No	0.333	300

27	78	5609	No	0.333	300
27	79	5512	***Yes***	0.333	300
27	80	5480	***Yes***	0.333	300
27	81	5612	No	0.333	300
27	82	5367	No	0.333	300
27	83	5413	No	0.333	300
27	84	5379	No	0.333	300
27	85	5479	***Yes***	0.333	300
27	86	5363	No	0.333	300
27	87	5637	No	0.333	300
27	88	5365	No	0.333	300
27	89	5282	No	0.333	300
27	90	5666	No	0.333	300
27	91	5373	No	0.333	300
27	92	5336	No	0.333	300
27	93	5700	No	0.333	300
27	94	5500	***Yes***	0.333	300
27	95	5259	No	0.333	300
27	96	5629	No	0.333	300
27	97	5667	No	0.333	300
27	98	5455	No	0.333	300
27	99	5288	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 28 Trail(11-01-2013 14:03:16)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
28	0	5344	No	0.333	300
28	1	5618	No	0.333	300
28	2	5551	No	0.333	300
28	3	5603	No	0.333	300
28	4	5685	No	0.333	300
28	5	5423	No	0.333	300
28	6	5342	No	0.333	300
28	7	5313	No	0.333	300
28	8	5722	No	0.333	300
28	9	5695	No	0.333	300
28	10	5489	***Yes***	0.333	300
28	11	5599	No	0.333	300
28	12	5451	No	0.333	300
28	13	5713	No	0.333	300
28	14	5706	No	0.333	300
28	15	5680	No	0.333	300
28	16	5509	***Yes***	0.333	300
28	17	5576	No	0.333	300
28	18	5594	No	0.333	300
28	19	5417	No	0.333	300
28	20	5710	No	0.333	300
28	21	5658	No	0.333	300
28	22	5445	No	0.333	300
28	23	5621	No	0.333	300

28	24	5331	No	0.333	300
28	25	5431	No	0.333	300
28	26	5378	No	0.333	300
28	27	5640	No	0.333	300
28	28	5366	No	0.333	300
28	29	5324	No	0.333	300
28	30	5404	No	0.333	300
28	31	5408	No	0.333	300
28	32	5536	No	0.333	300
28	33	5700	No	0.333	300
28	34	5681	No	0.333	300
28	35	5568	No	0.333	300
28	36	5575	No	0.333	300
28	37	5593	No	0.333	300
28	38	5582	No	0.333	300
28	39	5337	No	0.333	300
28	40	5349	No	0.333	300
28	41	5320	No	0.333	300
28	42	5317	No	0.333	300
28	43	5662	No	0.333	300
28	44	5419	No	0.333	300
28	45	5535	No	0.333	300
28	46	5254	No	0.333	300
28	47	5357	No	0.333	300
28	48	5260	No	0.333	300
28	49	5627	No	0.333	300
28	50	5608	No	0.333	300

28	51	5394	No	0.333	300
28	52	5555	No	0.333	300
28	53	5550	No	0.333	300
28	54	5286	No	0.333	300
28	55	5717	No	0.333	300
28	56	5471	***Yes***	0.333	300
28	57	5679	No	0.333	300
28	58	5601	No	0.333	300
28	59	5472	***Yes***	0.333	300
28	60	5675	No	0.333	300
28	61	5429	No	0.333	300
28	62	5513	***Yes***	0.333	300
28	63	5624	No	0.333	300
28	64	5276	No	0.333	300
28	65	5639	No	0.333	300
28	66	5523	***Yes***	0.333	300
28	67	5656	No	0.333	300
28	68	5316	No	0.333	300
28	69	5287	No	0.333	300
28	70	5453	No	0.333	300
28	71	5407	No	0.333	300
28	72	5534	No	0.333	300
28	73	5268	No	0.333	300
28	74	5545	No	0.333	300
28	75	5696	No	0.333	300
28	76	5702	No	0.333	300
28	77	5481	***Yes***	0.333	300

28	78	5340	No	0.333	300
28	79	5252	No	0.333	300
28	80	5547	No	0.333	300
28	81	5338	No	0.333	300
28	82	5448	No	0.333	300
28	83	5463	***Yes***	0.333	300
28	84	5304	No	0.333	300
28	85	5433	No	0.333	300
28	86	5650	No	0.333	300
28	87	5332	No	0.333	300
28	88	5592	No	0.333	300
28	89	5628	No	0.333	300
28	90	5355	No	0.333	300
28	91	5573	No	0.333	300
28	92	5591	No	0.333	300
28	93	5368	No	0.333	300
28	94	5507	***Yes***	0.333	300
28	95	5657	No	0.333	300
28	96	5531	No	0.333	300
28	97	5380	No	0.333	300
28	98	5669	No	0.333	300
28	99	5585	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 29 Trail(11-01-2013 14:03:02)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
29	0	5336	No	0.333	300
29	1	5482	***Yes***	0.333	300
29	2	5298	No	0.333	300
29	3	5710	No	0.333	300
29	4	5506	***Yes***	0.333	300
29	5	5722	No	0.333	300
29	6	5394	No	0.333	300
29	7	5588	No	0.333	300
29	8	5332	No	0.333	300
29	9	5347	No	0.333	300
29	10	5687	No	0.333	300
29	11	5354	No	0.333	300
29	12	5521	***Yes***	0.333	300
29	13	5681	No	0.333	300
29	14	5477	***Yes***	0.333	300
29	15	5539	No	0.333	300
29	16	5569	No	0.333	300
29	17	5601	No	0.333	300
29	18	5436	No	0.333	300
29	19	5446	No	0.333	300
29	20	5489	***Yes***	0.333	300
29	21	5510	***Yes***	0.333	300
29	22	5360	No	0.333	300
29	23	5411	No	0.333	300

29	24	5676	No	0.333	300
29	25	5324	No	0.333	300
29	26	5439	No	0.333	300
29	27	5372	No	0.333	300
29	28	5426	No	0.333	300
29	29	5399	No	0.333	300
29	30	5381	No	0.333	300
29	31	5547	No	0.333	300
29	32	5262	No	0.333	300
29	33	5668	No	0.333	300
29	34	5419	No	0.333	300
29	35	5358	No	0.333	300
29	36	5463	***Yes***	0.333	300
29	37	5323	No	0.333	300
29	38	5677	No	0.333	300
29	39	5286	No	0.333	300
29	40	5599	No	0.333	300
29	41	5688	No	0.333	300
29	42	5612	No	0.333	300
29	43	5293	No	0.333	300
29	44	5524	No	0.333	300
29	45	5428	No	0.333	300
29	46	5259	No	0.333	300
29	47	5665	No	0.333	300
29	48	5357	No	0.333	300
29	49	5263	No	0.333	300
29	50	5556	No	0.333	300

29	51	5279	No	0.333	300
29	52	5544	No	0.333	300
29	53	5486	***Yes***	0.333	300
29	54	5403	No	0.333	300
29	55	5424	No	0.333	300
29	56	5717	No	0.333	300
29	57	5536	No	0.333	300
29	58	5724	No	0.333	300
29	59	5651	No	0.333	300
29	60	5716	No	0.333	300
29	61	5656	No	0.333	300
29	62	5454	No	0.333	300
29	63	5507	***Yes***	0.333	300
29	64	5543	No	0.333	300
29	65	5251	No	0.333	300
29	66	5558	No	0.333	300
29	67	5570	No	0.333	300
29	68	5625	No	0.333	300
29	69	5370	No	0.333	300
29	70	5264	No	0.333	300
29	71	5675	No	0.333	300
29	72	5274	No	0.333	300
29	73	5317	No	0.333	300
29	74	5339	No	0.333	300
29	75	5484	***Yes***	0.333	300
29	76	5591	No	0.333	300
29	77	5465	***Yes***	0.333	300

29	78	5554	No	0.333	300
29	79	5404	No	0.333	300
29	80	5335	No	0.333	300
29	81	5592	No	0.333	300
29	82	5658	No	0.333	300
29	83	5288	No	0.333	300
29	84	5468	***Yes***	0.333	300
29	85	5574	No	0.333	300
29	86	5485	***Yes***	0.333	300
29	87	5690	No	0.333	300
29	88	5373	No	0.333	300
29	89	5630	No	0.333	300
29	90	5697	No	0.333	300
29	91	5312	No	0.333	300
29	92	5519	***Yes***	0.333	300
29	93	5632	No	0.333	300
29	94	5393	No	0.333	300
29	95	5723	No	0.333	300
29	96	5517	***Yes***	0.333	300
29	97	5430	No	0.333	300
29	98	5451	No	0.333	300
29	99	5376	No	0.333	300

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Random DFS waveform parameters (Radar Type 6) in 30 Trail(11-01-2013 14:05:24)

RLAN Freq Range:

Trail#	HopFreq List#	HopFreq	In WLAN BW(60M)	Hopping Rate(kHz)	Hopping Length(ms)
30	0	5547	No	0.333	300
30	1	5482	***Yes***	0.333	300
30	2	5554	No	0.333	300
30	3	5319	No	0.333	300
30	4	5314	No	0.333	300
30	5	5496	***Yes***	0.333	300
30	6	5646	No	0.333	300
30	7	5351	No	0.333	300
30	8	5489	***Yes***	0.333	300
30	9	5438	No	0.333	300
30	10	5335	No	0.333	300
30	11	5463	***Yes***	0.333	300
30	12	5473	***Yes***	0.333	300
30	13	5333	No	0.333	300
30	14	5265	No	0.333	300
30	15	5396	No	0.333	300
30	16	5573	No	0.333	300
30	17	5563	No	0.333	300
30	18	5269	No	0.333	300
30	19	5485	***Yes***	0.333	300
30	20	5639	No	0.333	300
30	21	5414	No	0.333	300
30	22	5461	No	0.333	300
30	23	5305	No	0.333	300

30	24	5600	No	0.333	300
30	25	5392	No	0.333	300
30	26	5712	No	0.333	300
30	27	5626	No	0.333	300
30	28	5710	No	0.333	300
30	29	5330	No	0.333	300
30	30	5307	No	0.333	300
30	31	5478	***Yes***	0.333	300
30	32	5505	***Yes***	0.333	300
30	33	5434	No	0.333	300
30	34	5599	No	0.333	300
30	35	5602	No	0.333	300
30	36	5271	No	0.333	300
30	37	5663	No	0.333	300
30	38	5552	No	0.333	300
30	39	5536	No	0.333	300
30	40	5490	***Yes***	0.333	300
30	41	5393	No	0.333	300
30	42	5514	***Yes***	0.333	300
30	43	5632	No	0.333	300
30	44	5383	No	0.333	300
30	45	5616	No	0.333	300
30	46	5491	***Yes***	0.333	300
30	47	5347	No	0.333	300
30	48	5439	No	0.333	300
30	49	5311	No	0.333	300
30	50	5310	No	0.333	300

30	51	5258	No	0.333	300
30	52	5298	No	0.333	300
30	53	5372	No	0.333	300
30	54	5677	No	0.333	300
30	55	5413	No	0.333	300
30	56	5299	No	0.333	300
30	57	5479	***Yes***	0.333	300
30	58	5316	No	0.333	300
30	59	5281	No	0.333	300
30	60	5338	No	0.333	300
30	61	5518	***Yes***	0.333	300
30	62	5260	No	0.333	300
30	63	5324	No	0.333	300
30	64	5537	No	0.333	300
30	65	5406	No	0.333	300
30	66	5437	No	0.333	300
30	67	5425	No	0.333	300
30	68	5418	No	0.333	300
30	69	5290	No	0.333	300
30	70	5400	No	0.333	300
30	71	5647	No	0.333	300
30	72	5312	No	0.333	300
30	73	5645	No	0.333	300
30	74	5270	No	0.333	300
30	75	5590	No	0.333	300
30	76	5283	No	0.333	300
30	77	5607	No	0.333	300

30	78	5256	No	0.333	300
30	79	5318	No	0.333	300
30	80	5341	No	0.333	300
30	81	5608	No	0.333	300
30	82	5708	No	0.333	300
30	83	5353	No	0.333	300
30	84	5492	***Yes***	0.333	300
30	85	5300	No	0.333	300
30	86	5466	***Yes***	0.333	300
30	87	5692	No	0.333	300
30	88	5376	No	0.333	300
30	89	5511	***Yes***	0.333	300
30	90	5506	***Yes***	0.333	300
30	91	5598	No	0.333	300
30	92	5610	No	0.333	300
30	93	5441	No	0.333	300
30	94	5501	***Yes***	0.333	300
30	95	5293	No	0.333	300
30	96	5345	No	0.333	300
30	97	5488	***Yes***	0.333	300
30	98	5390	No	0.333	300
30	99	5481	***Yes***	0.333	300

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8. DFS Test Setup Photo

Full DFS Test Setup Photo

DFS Set-up Photo: Spectrum Analyzer and Radar Generator

DFS Set-up Photo: Client and Master