

Dynamic Frequency Selection (DFS)

Test Report

Product Name	MOXA IEEE 802.11 a/b/g/n
Model No	WAPN008
FCC ID	SLE-WAPN008

Applicant	MOXA Inc.
Address	FL.4, NO. 135. LANE 235, BAOQIAO RD. XINDIAN DIST.,NEW TAIPEI CITY, TAIWAN

Date of Receipt	Sep. 20, 2017
Issued Date	May. 09, 2018
Report No.	1790269R-RFUSP16V00
Report Version	V1.0



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by TAF or any agency of the government.

The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd..

DFS Test Report

Issued Date: May. 09, 2018

Report No.: 1790269R-RFUSP16V00



Product Name	MOXA IEEE 802.11 a/b/g/n
Applicant	MOXA Inc.
Address	FL.4, NO. 135. LANE 235, BAOQIAO RD. XINDIAN DIST.,NEW TAIPEI CITY, TAIWAN
Manufacturer	MOXA Inc.
Model No.	WAPN008
FCC ID.	SLE-WAPN008
Host Rated Voltage	DC 12~48V
Host Test Voltage	DC 24V
Trade Name	MOXA
Applicable Standard	FCC CFR Title 47 Part 15 Subpart E 15.407 (h): 2017 KDB 905462 D02 UNII DFS Compliance Procedures KDB 905462 D04 Operational Modes for DFS Testing KDB 905462 D06 802 11 Channel Plans New Rules FCC 16-24
Test Result	Complied

Documented By

:



(Senior Adm. Specialist / Leven Huang)

Tested By

:



(Engineer / Tom Chiu)

Approved By

:



(Director / Vincent Lin)

TABLE OF CONTENTS

Description	Page
1. GENERAL INFORMATION	4
1.1. Standard Requirement	4
1.2. EUT Description	5
1.3. UNII Device Description	7
1.4. Test Equipment	8
1.5. Test Setup	9
1.6. DFS Detection Thresholds	9
1.7. Radar Test Waveforms	11
1.8. Radar Waveform Calibration	15
1.9. Radar Waveform Calibration Result	16
1.10. Master Data Traffic Plot Result	32
2. UNII DETECTION BANDWIDTH	38
2.1. Test Procedure	38
2.2. Test Requirement	38
2.3. Uncertainty	38
2.4. Test Result of UNII Detection Bandwidth	43
3. INITIAL CHANNEL AVAILABILITY CHECK TIME	53
3.1. Test Procedure	53
3.2. Test Requirement	53
3.3. Uncertainty	53
3.4. Test Result of Initial Channel Availability Check Time	54
4. RADAR BURST AT THE BEGINNING OF THE CHANNEL AVAILABILITY CHECK TIME	55
4.1. Test Procedure	55
4.2. Test Requirement	55
4.3. Uncertainty	55
4.4. Test Result of Radar Burst at the Beginning of the Channel Availability Check Time	56
5. RADAR BURST AT THE END OF THE CHANNEL AVAILABILITY CHECK TIME	57
5.1. Test Procedure	57
5.2. Test Requirement	57
5.3. Uncertainty	57
5.4. Test Result of Radar Burst at the End of the Channel Availability Check Time	58
6. IN-SERVICE MONITORING FOR CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME AND NON-OCCUPANCY PERIOD	59
6.1. Test Procedure	59
6.2. Test Requirement	59
6.3. Uncertainty	60
6.4. Test Result of Channel Move Time and Channel Closing Transmission Time and Non-Occupancy Period	61
7. STATISTICAL PERFORMANCE CHECK	66
7.1. Test Procedure	66
7.2. Test Requirement	66
7.3. Uncertainty	67
7.4. Test Result of Statistical Performance Check	68
8. DFS TEST SETUP PHOTO	106
ATTACHMENT 2 : EUT DETAILED PHOTOGRAPHS	110
Attachment 1: EUT Test Photographs	
Attachment 2: EUT Detailed 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	MOXA IEEE 802.11 a/b/g/n
Trade Name	MOXA
FCC ID.	SLE-WAPN008
Model No.	WAPN008
Host Model Name	AWK-3131A-M12-RCC, AWK-3131A-M12-RTG, AWK-3131A-SSC-RTG
DFS Frequency Range	802.11a/n-20MHz: 5180-5320MHz, 5500-5700MHz, 5745-5825MHz 802.11n-40MHz: 5190-5310, 5510-5670MHz, 5755-5795MHz
Number of DFS Channels	802.11a/n-20MHz: 24, n-40MHz: 11
Data Rate	802.11a: 6-54Mbps, 802.11n: up to 300Mbps
Channel Control	Auto
Type of Modulation	802.11a/n: OFDM, BPSK, QPSK, 16QAM, 64QAM
DFS Function	☒ Master ☐ Slave
TPC Function	☒ <500mW not required ☐ $\geq$ 500mW employ a TPC*
Communication Mode	☒ IP Based Systems ☐ Frame Based System ☐ Other System
Antenna Gain	Refer to the table “Antenna List”

Note:

- The different of the each model is shown as below:

Host Model Name	AWK-3131A-M12-RCC	AWK-3131A-M12-RTG	AWK-3131A-SSC-RTG
PoE Function	YES (8 Pin)	YES (4 Pin)	No
Ethernet Speed	10/100/1000	10/100	100Mb Fiber
DFS Band support	YES	YES	YES
Contain Module card	WAPN008	WAPN008	WAPN008
Firmware & Software	1.0_Build_17122014	1.0_Build_17121508	1.0_Build_17121508
Antenna	Identical	Identical	Identical

Note: The host model “AWK-3131A-M12-RCC” is full function for all DFS test item, and the model “AWK-3131A-SSC-RTG” addition “Statistical Performance Check” test item.

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	KINSUN	ANT-WDB-O-2 BK	Dipole Antenna	2.34dBi for 5.25~5.35GHz 2.34dBi for 5.47~5.725GHz
2	WHA YU INDUSTRIAL CO., LTD.	ANT-WDB-ARM-0202	Dipole Antenna	1.6 dBi for 5.25~5.35GHz 1.8 dBi for 5.47~5.725GHz

Note: Choose a lower antenna gain for DFS test.

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

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 36:	5180 MHz	Channel 40:	5200 MHz	Channel 44:	5220 MHz	Channel 48:	5240 MHz
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 120:	5600 MHz	Channel 124:	5620 MHz	Channel 128:	5640 MHz
Channel 132:	5660 MHz	Channel 136:	5680 MHz	Channel 140:	5700 MHz	Channel 149:	5745 MHz
Channel 153:	5765 MHz	Channel 157:	5785 MHz	Channel 161:	5805 MHz	Channel 165:	5825 MHz

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

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 38:	5190 MHz	Channel 46:	5230 MHz	Channel 54:	5270 MHz	Channel 62:	5310 MHz
Channel 102:	5510 MHz	Channel 110:	5550 MHz	Channel 118:	5590 MHz	Channel 126:	5630 MHz
Channel 134:	5670 MHz	Channel 151:	5755 MHz	Channel 159:	5795 MHz		

Test Mode	Mode 1: Transmit (802.11a)
	Mode 2: Transmit (802.11n-40BW)

1.3. UNII Device Description

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

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

(2) The U-NII device maximum power is 25.18dBm(E.I.R.P).

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

Manufacturer	Part No.	Antenna Type	Peak Gain
KINSUN	ANT-WDB-O-2 BK	Dipole Antenna	2.34dBi for 5.25~5.35GHz 2.34dBi for 5.47~5.725GHz
WHA YU INDUSTRIAL CO., LTD.	ANT-WDB-ARM-0202	Dipole Antenna	1.6 dBi for 5.25~5.35GHz 1.8 dBi for 5.47~5.725GHz

(3) WLAN traffic is generated by the test software “Iperf.exe” from the Master device to the Slave device in the transfer data rate >17%.

(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) The client device is an Dell Inspiron 5459 Notebook pc contains Intel WLAN radio Module card (Model : 3165NGW). The Intel WLAN Module card FCC ID: PD93165NG

1.4. Test Equipment

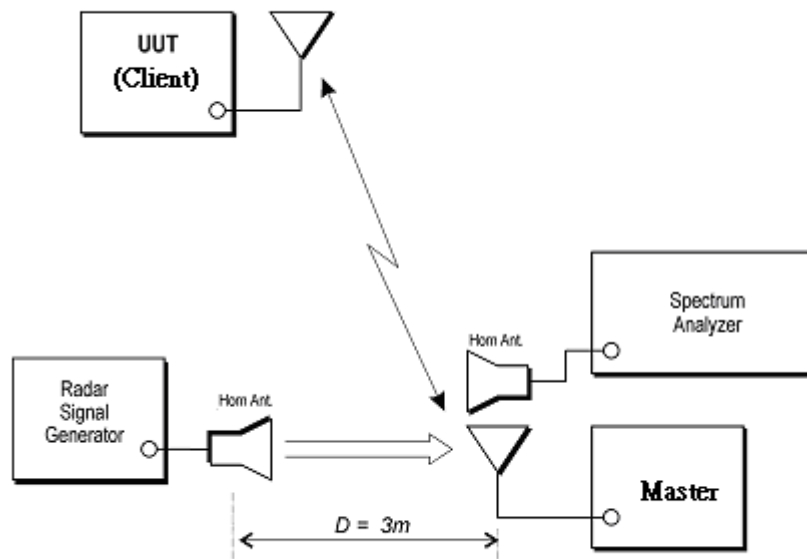
Dynamic Frequency Selection (DFS) / CTR

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	R&S	FSV30	103467	2018/1/11
Vector Signal Generator	R&S	SMBV100	261871	2018/3/8
Horn Antenna	ETS-Lindgren	3117	00203799	2017/10/2
Horn Antenna	ETS-Lindgren	3117	00203761	2017/10/25

Instrument	Manufacturer	Type No.	Serial No
Pc System	ASUS	H97M-E	TLK-G00328-0073
Notebook Pc	Dell	Inspiron 5459	3WGTQ72
RF Cable	SUHNER	SUCOFLEX 104	309180/4
RF Cable	SUHNER	SUCOFLEX 106	3474516

Software	Manufacturer	Function
R&S Pulse Sequencer V1.3	R&S	Radar Signal Generation Software

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	-64dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

(2) DFS Response requirement values

Parameter	Value
Non-Occupancy Period	Minimum 30 Minutes
Channel Availability Check Time	60 Seconds
Channel Move Time	10 Seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + approx. 60 milliseconds over remaining 10 seconds period (See Notes 1 and 2)
U-NII Detection Bandwidth	Minimum 100% of the 99% power bandwidth See Note 3.

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

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

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

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 (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	Roundup $\left\{ \left(\frac{1}{360} \right), \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	60%	30
		Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B.

(2) Long Pulse Radar Test Signal

Radar Waveform	Bursts	Number of 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.

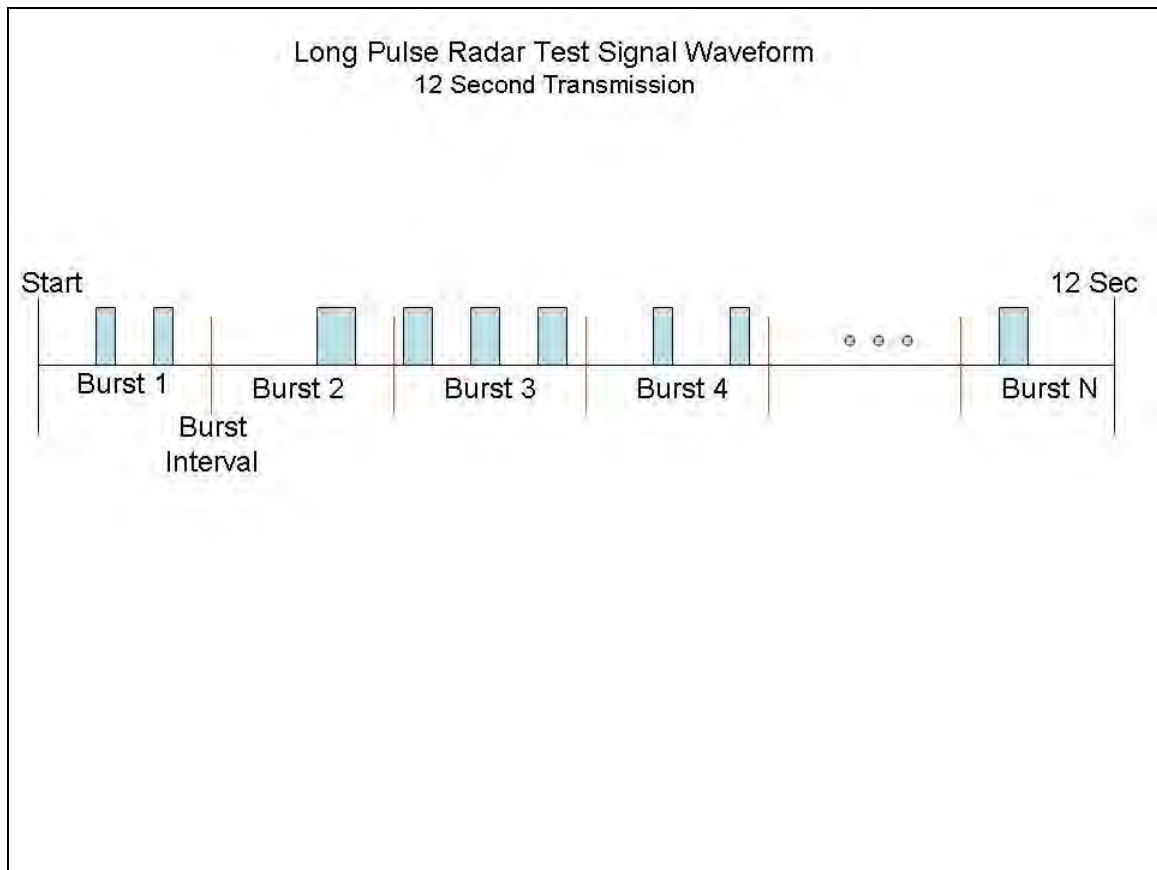
Each waveform is defined as follows:

- 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 frequency modulated chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a transmission period will have the same chirp width. 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 $(12,000,000 / \text{Burst_Count})$ microseconds. Each interval contains one Burst. The start time for the Burst, relative to the beginning of the interval, is between 1 and $[(12,000,000 / \text{Burst_Count}) - (\text{Total Burst Length}) + (\text{One Random PRI Interval})]$ 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 from the hopping sequence defined by the following algorithm:

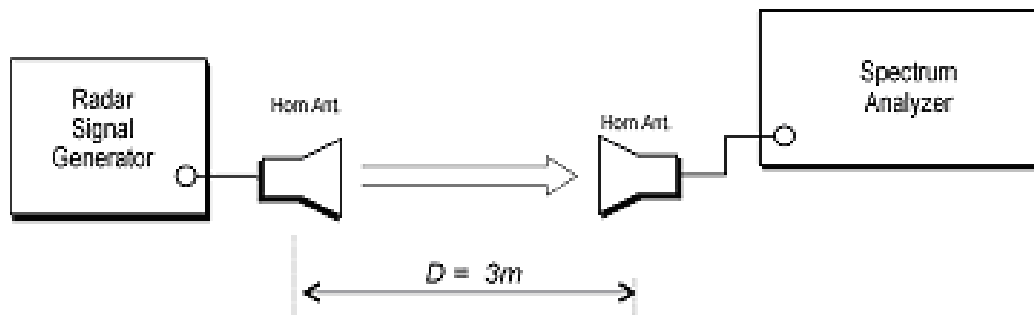
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues 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 conducted 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 3MHz.

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

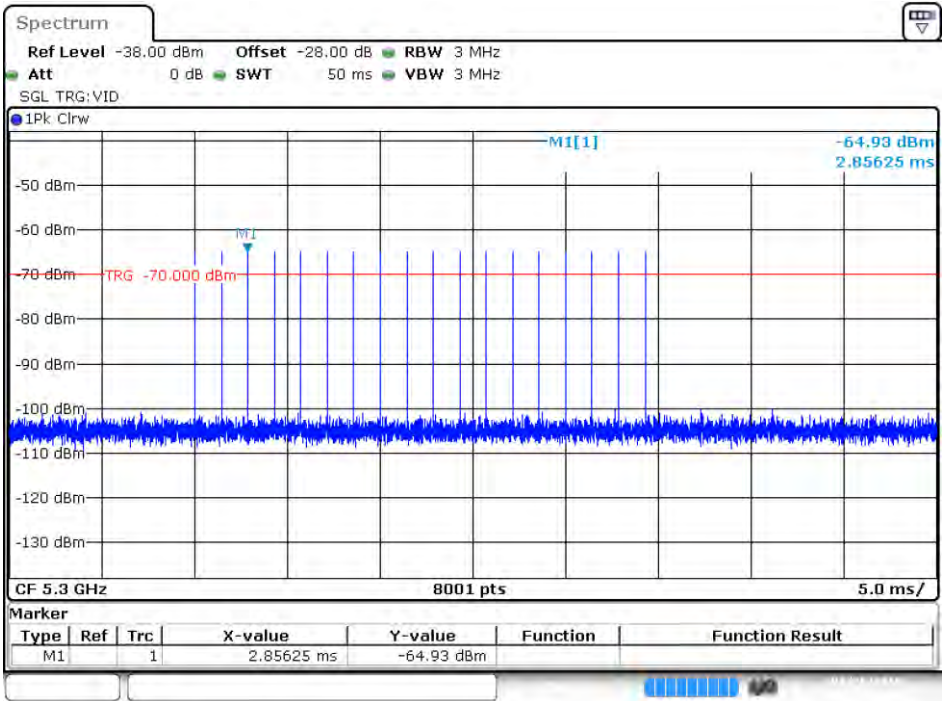
Radiated Calibration Setup



1.9. Radar Waveform Calibration Result

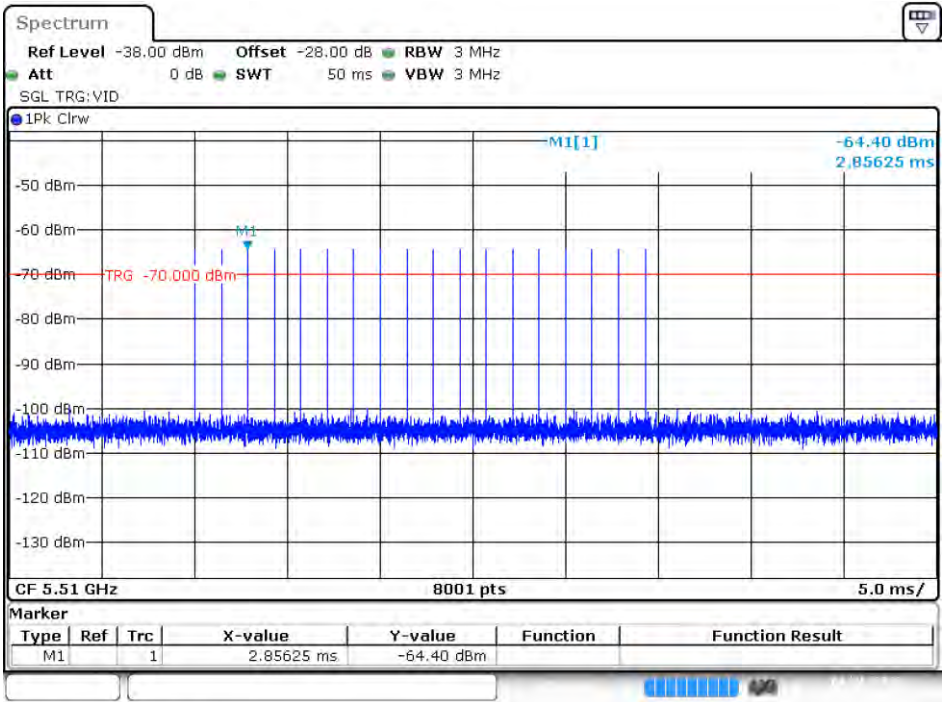
Radar Type 0

Calibration Plot (5300MHz)



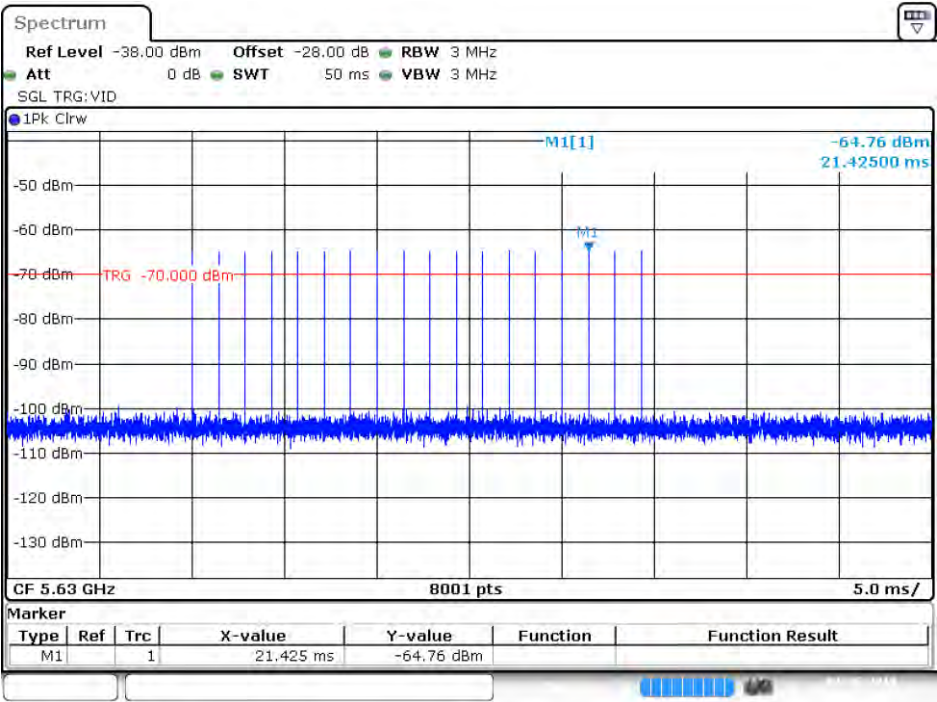
Date: 26.APR.2018 14:19:43

Calibration Plot (5510MHz)



Date: 26.APR.2018 14:20:19

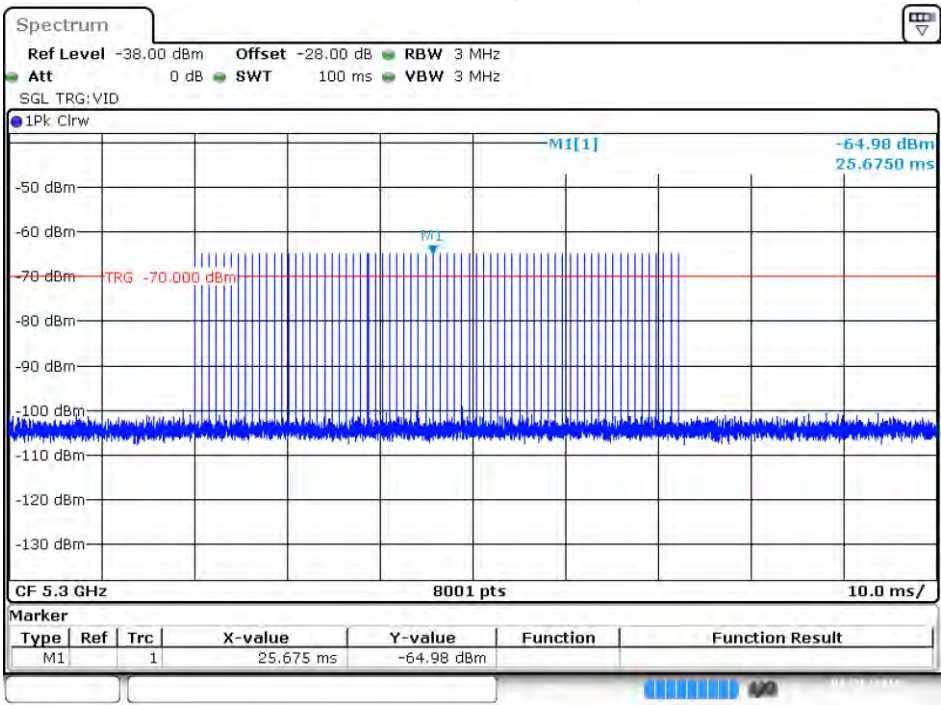
Calibration Plot (5630MHz)



Date: 26.APR.2018 14:21:24

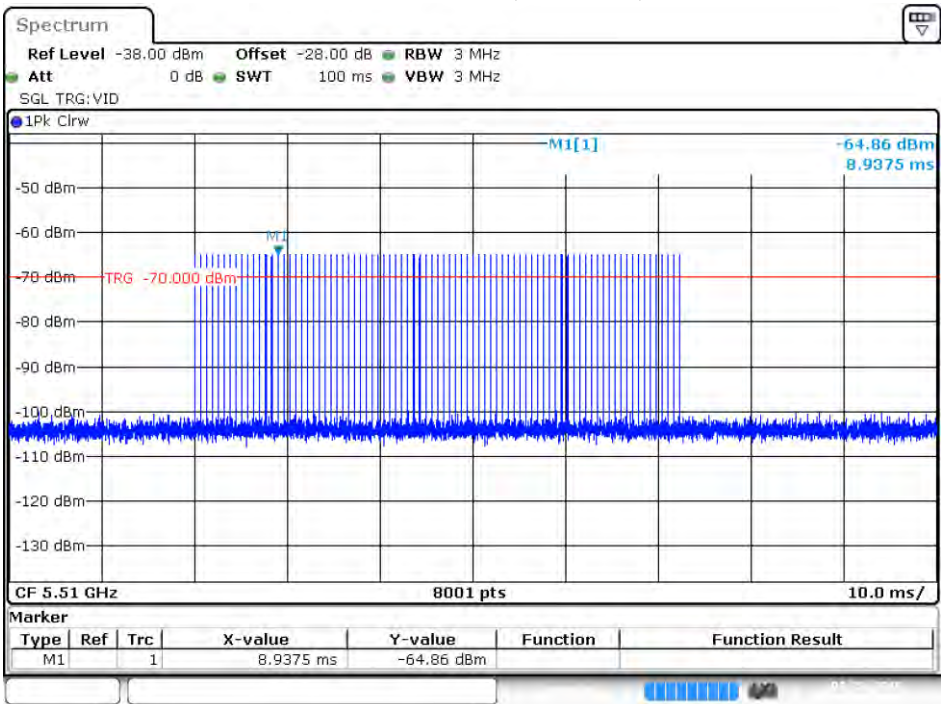
Radar Type 1-A

Calibration Plot (5300MHz)



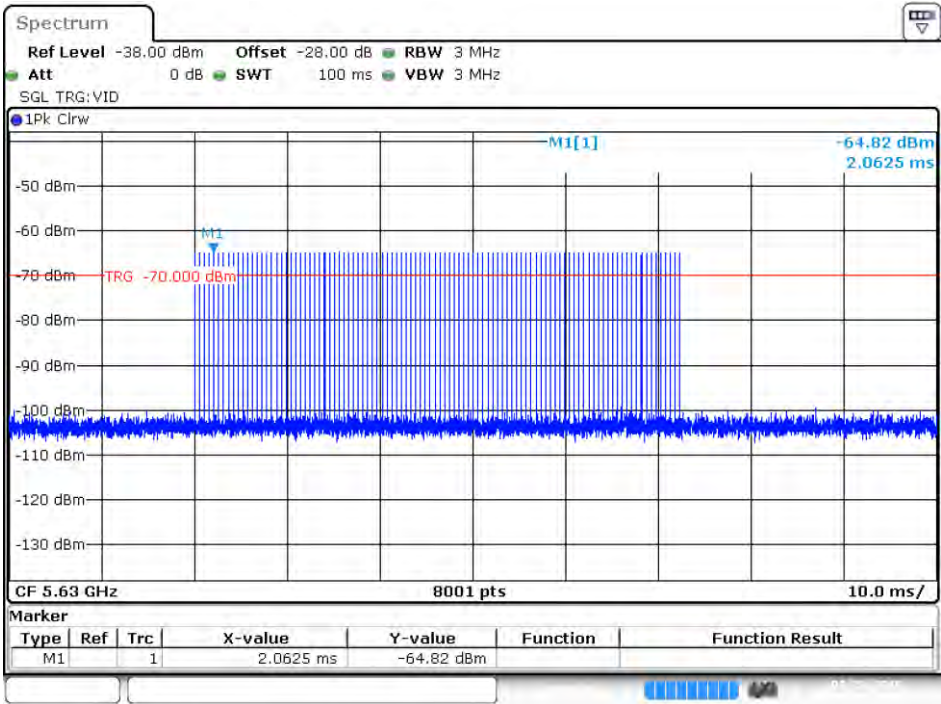
Date: 26.APR.2018 14:24:12

Calibration Plot (5510MHz)



Date: 26.APR.2018 14:23:33

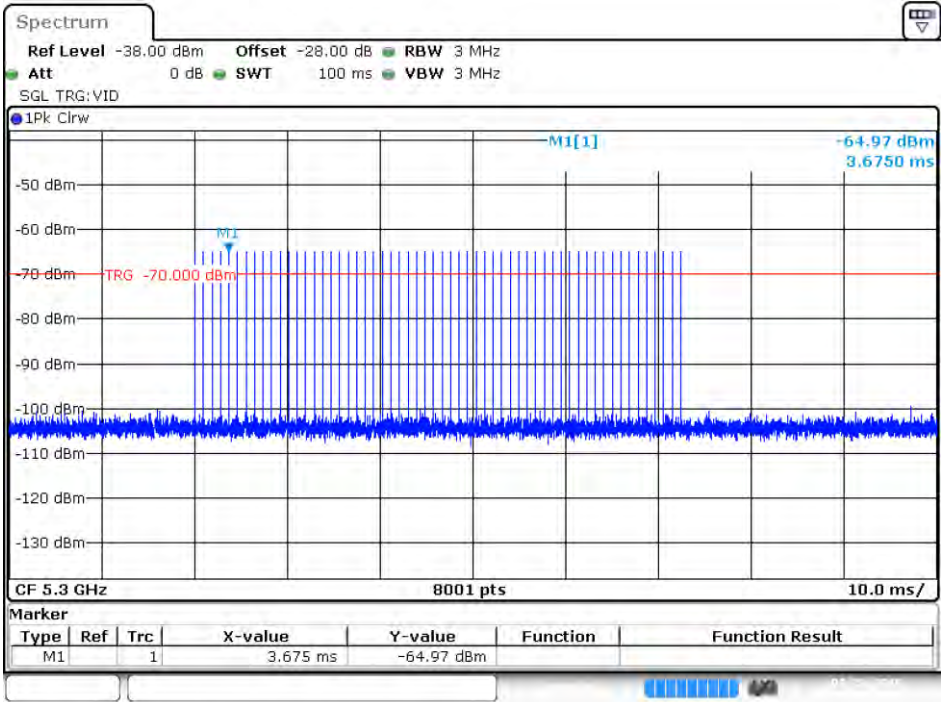
Calibration Plot (5630MHz)



Date: 26.APR.2018 14:22:11

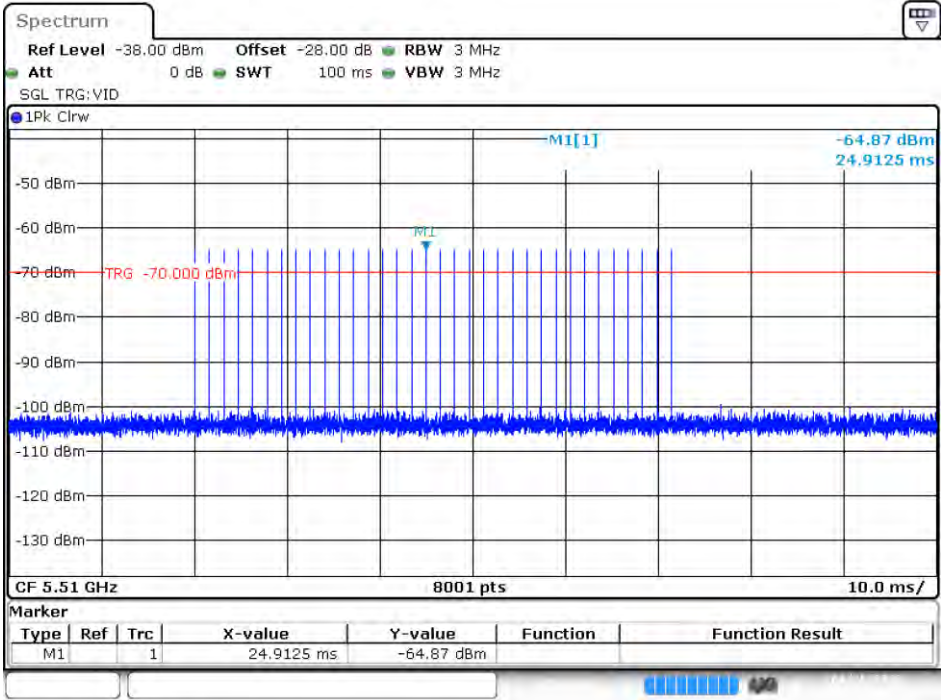
Radar Type 1-B

Calibration Plot (5300MHz)



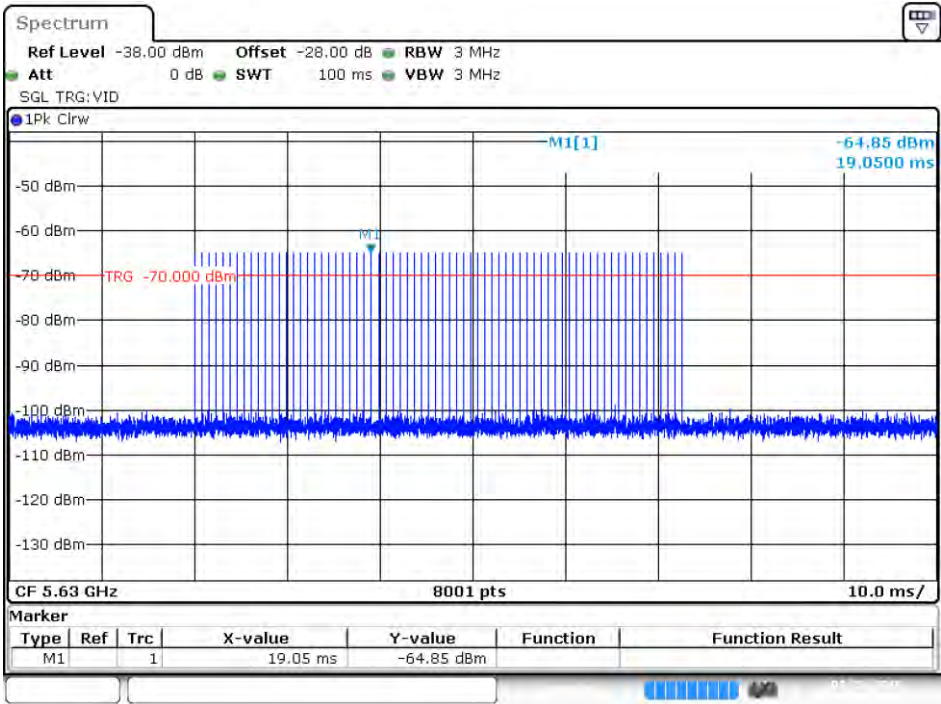
Date: 26.APR.2018 14:24:42

Calibration Plot (5510MHz)



Date: 26.APR.2018 14:23:10

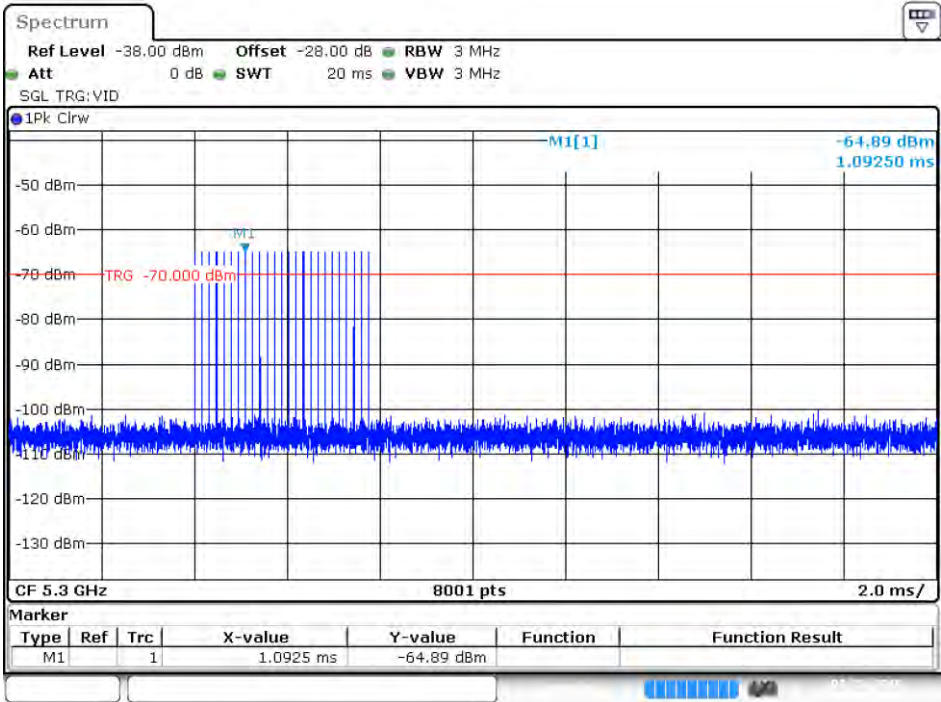
Calibration Plot (5630MHz)



Date: 26.APR.2018 14:22:30

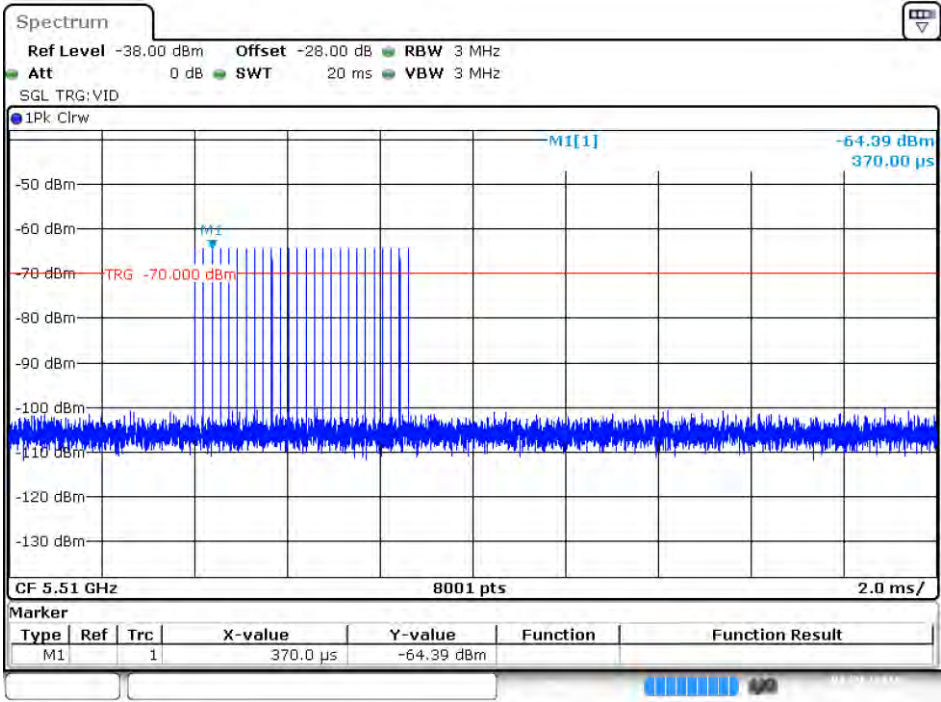
Radar Type 2

Calibration Plot (5300MHz)



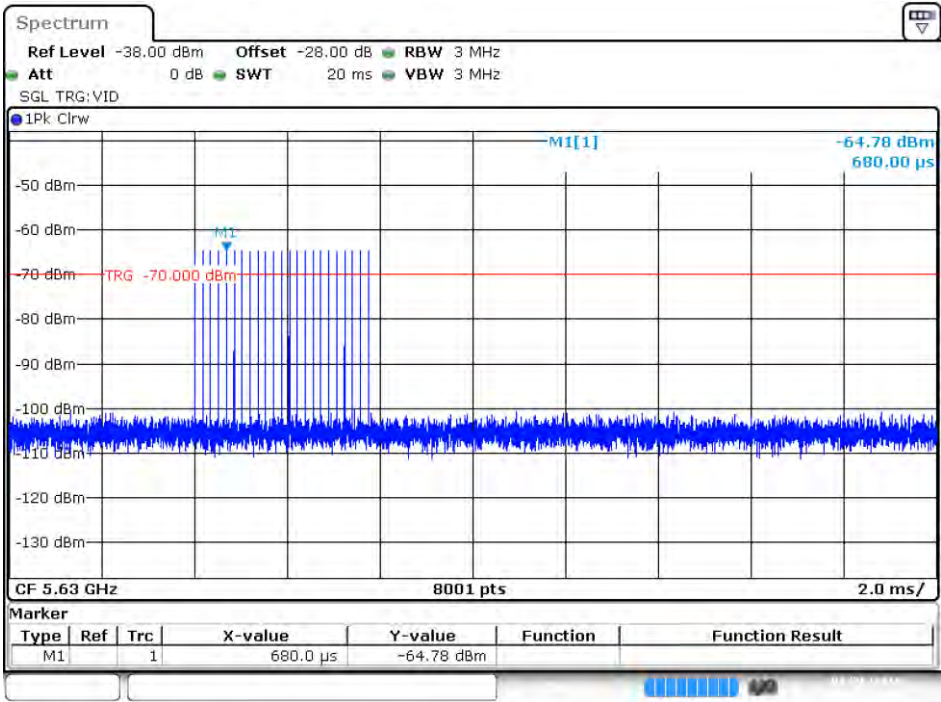
Date: 26.APR.2018 14:25:34

Calibration Plot (5510MHz)



Date: 26.APR.2018 14:26:01

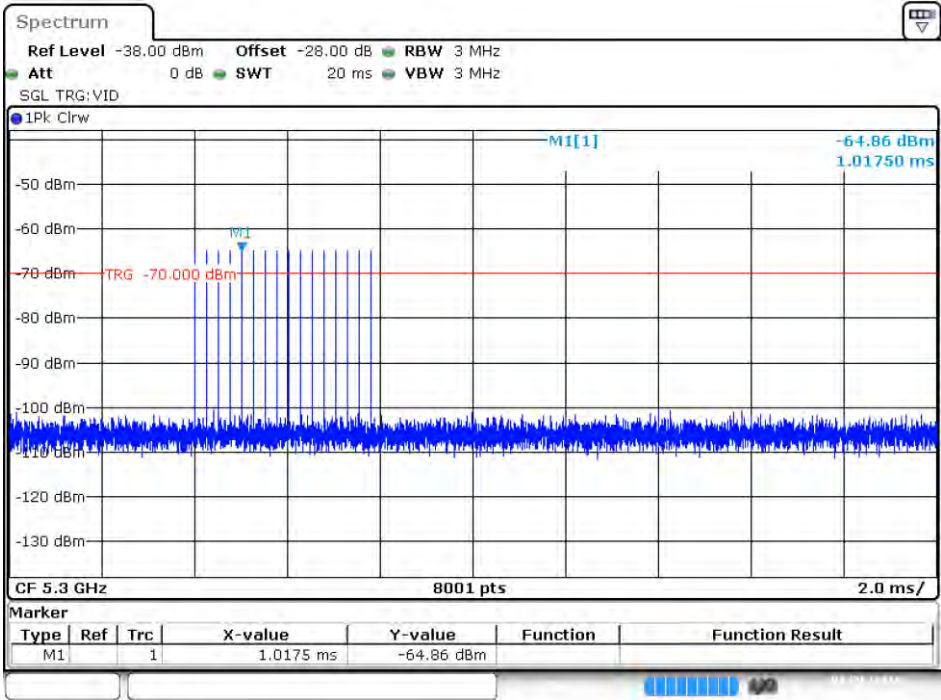
Calibration Plot (5630MHz)



Date: 26.APR.2018 14:26:32

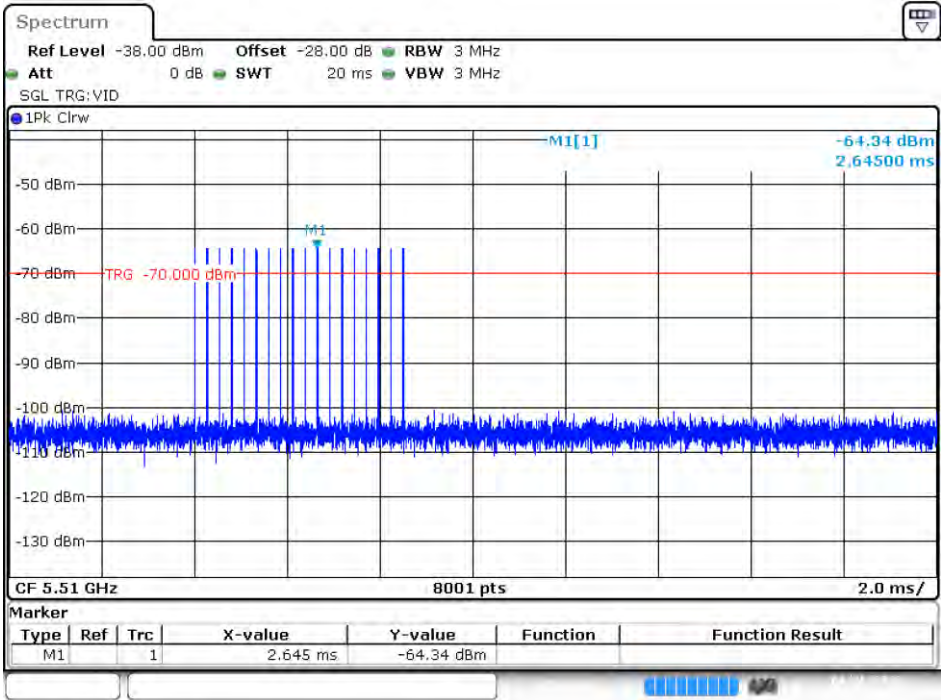
Radar Type 3

Calibration Plot (5300MHz)



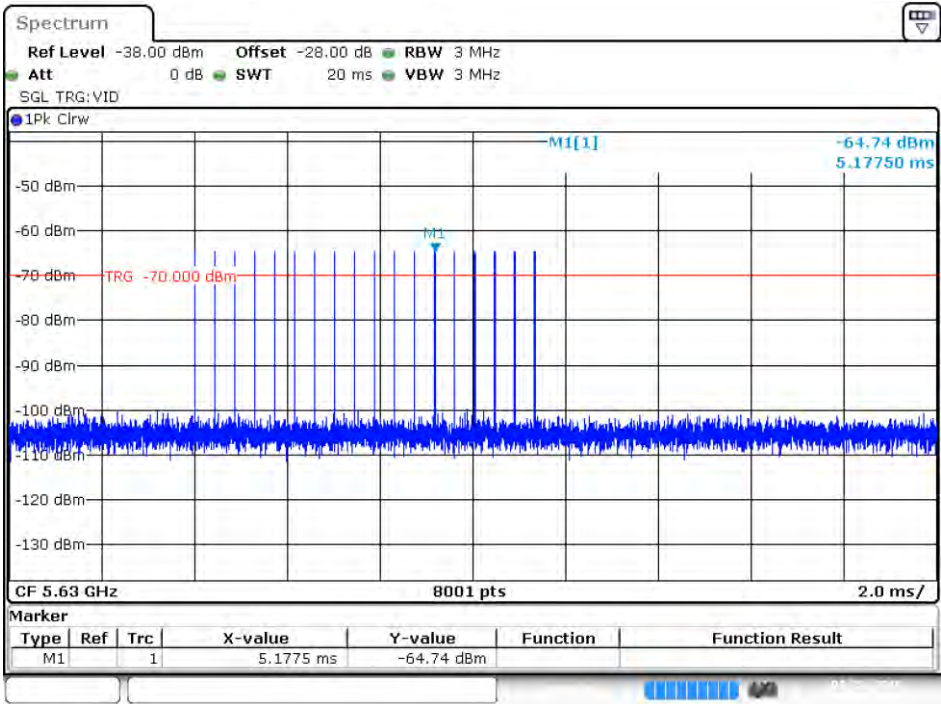
Date: 26.APR.2018 14:28:00

Calibration Plot (5510MHz)



Date: 26.APR.2018 14:27:28

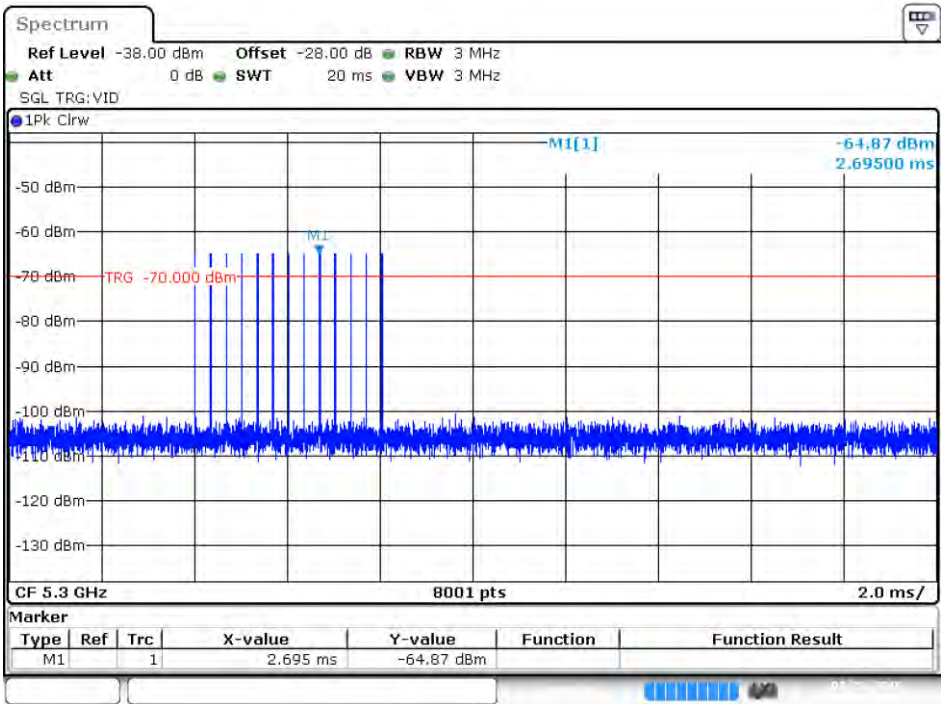
Calibration Plot (5630MHz)



Date: 26.APR.2018 14:26:59

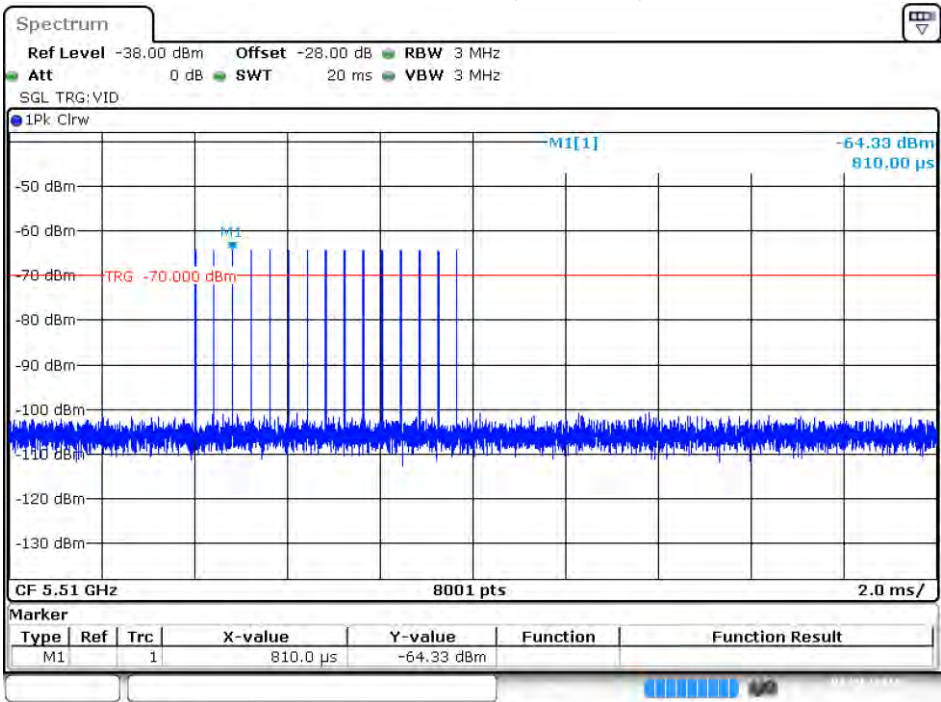
Radar Type 4

Calibration Plot (5300MHz)



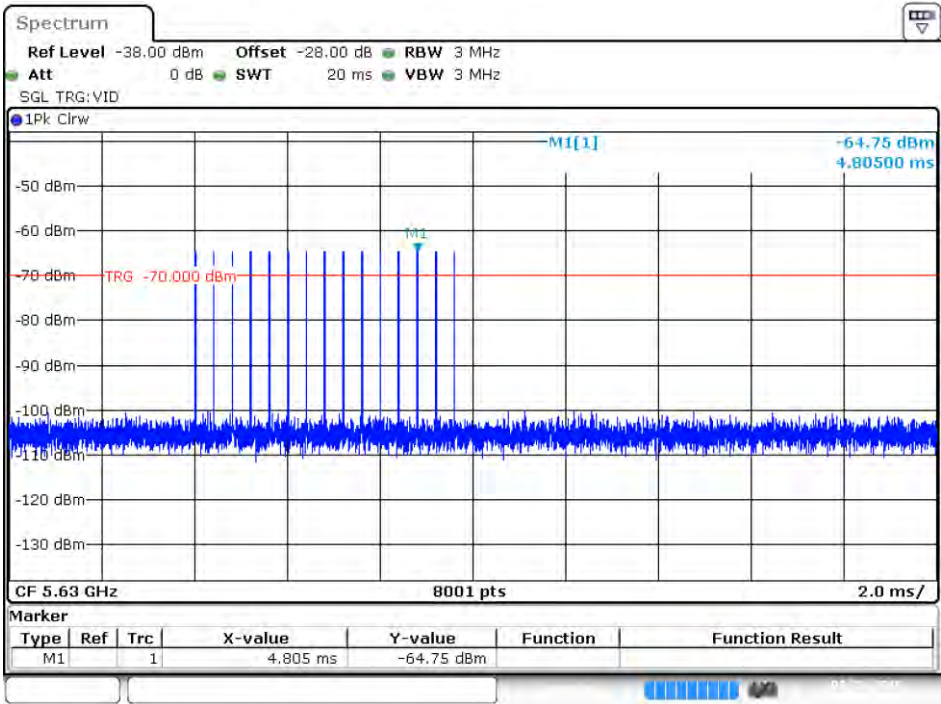
Date: 26.APR.2018 14:28:38

Calibration Plot (5510MHz)



Date: 26.APR.2018 14:29:13

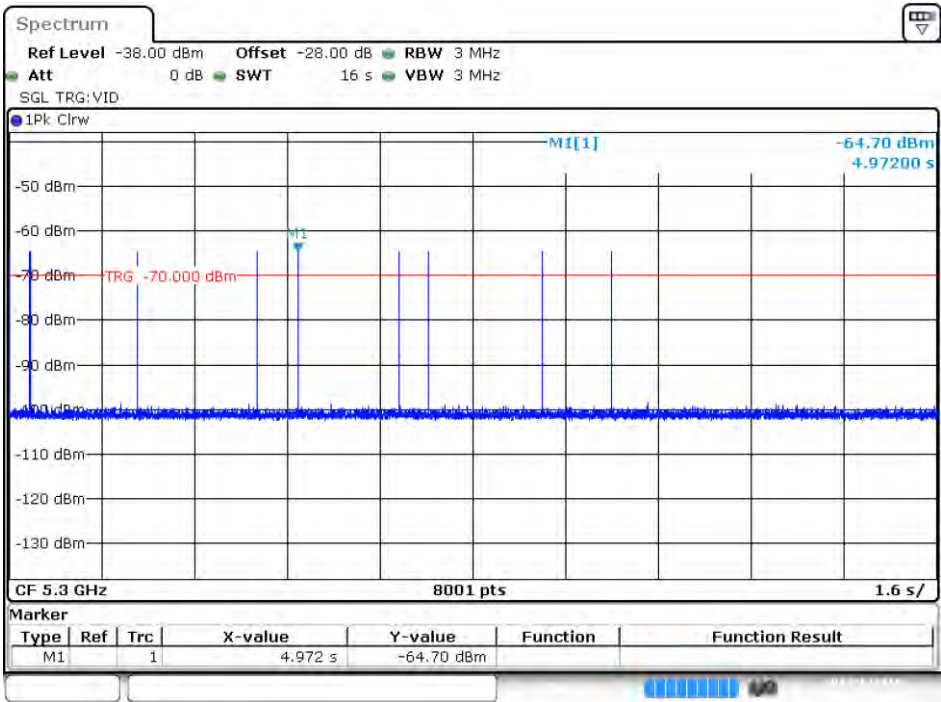
Calibration Plot (5630MHz)



Date: 26.APR.2018 14:30:02

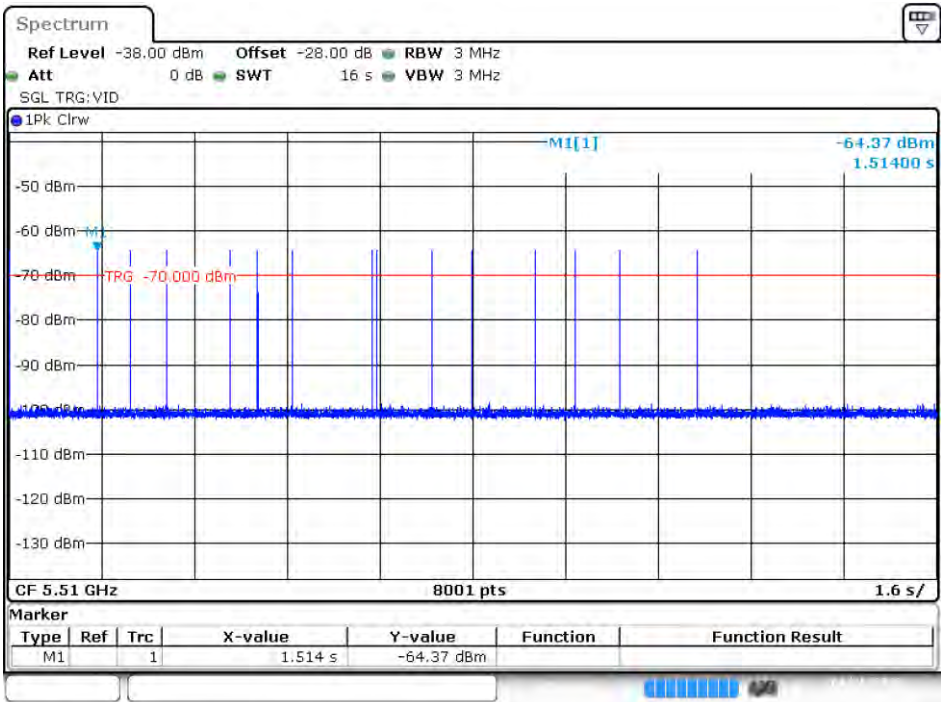
Radar Type 5

Calibration Plot (5300MHz)



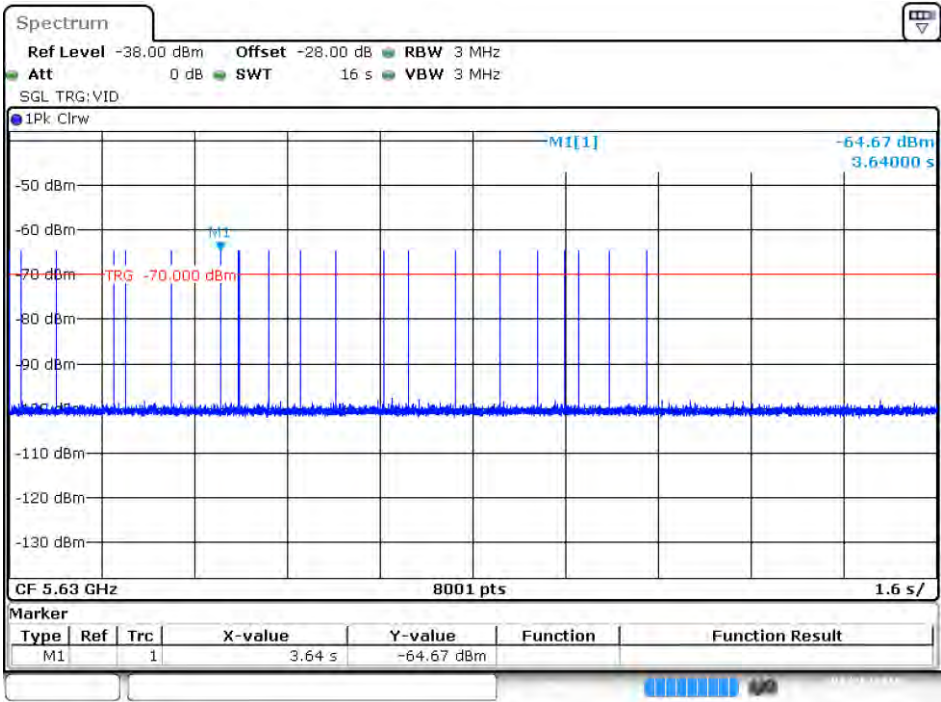
Date: 26 APR.2018 15:10:05

Calibration Plot (5510MHz)



Date: 26 APR.2018 15:11:38

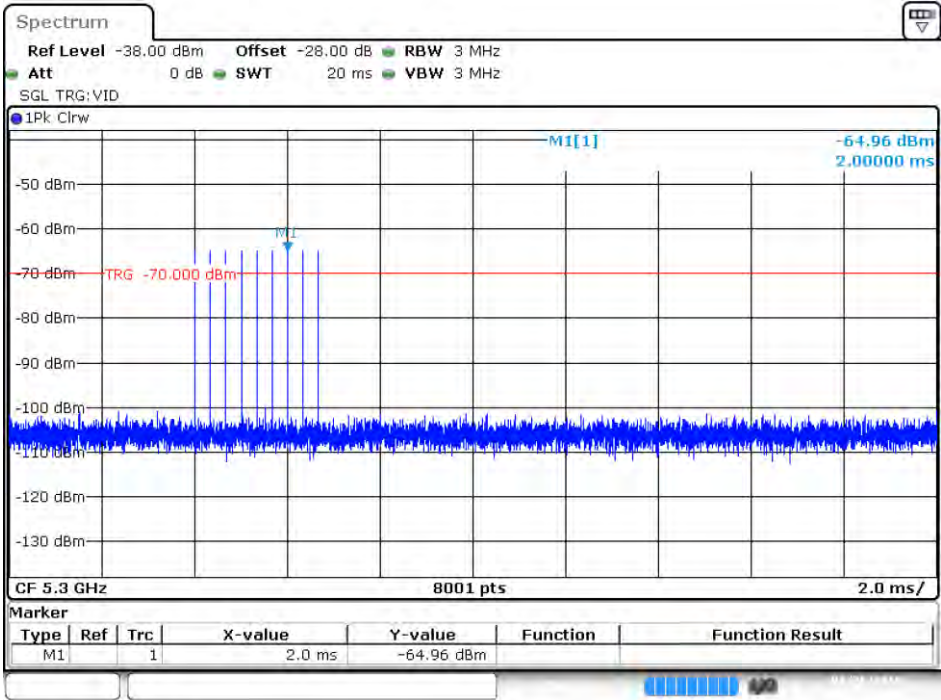
Calibration Plot (5630MHz)



Date: 26.APR.2018 15:12:34

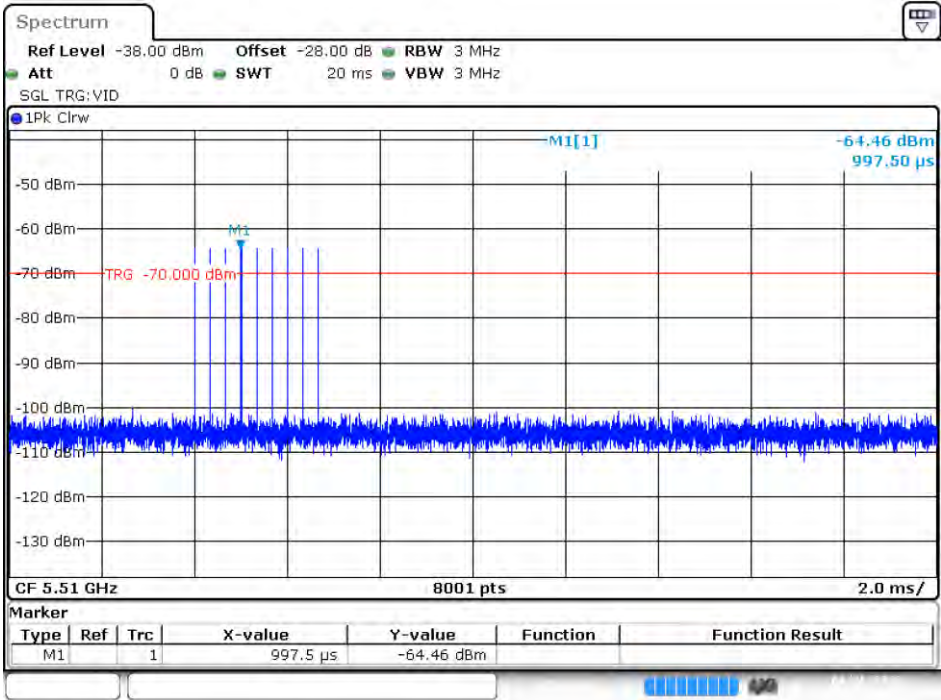
Radar Type 6

Calibration Plot (5300MHz)



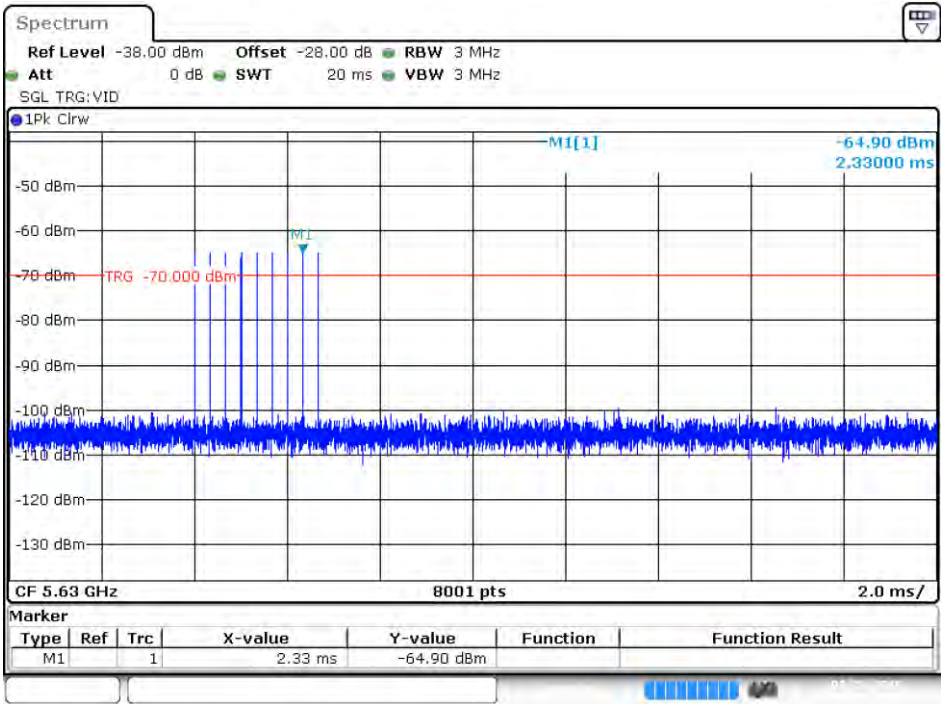
Date: 26.APR.2018 14:35:36

Calibration Plot (5510MHz)



Date: 26.APR.2018 14:32:11

Calibration Plot (5630MHz)

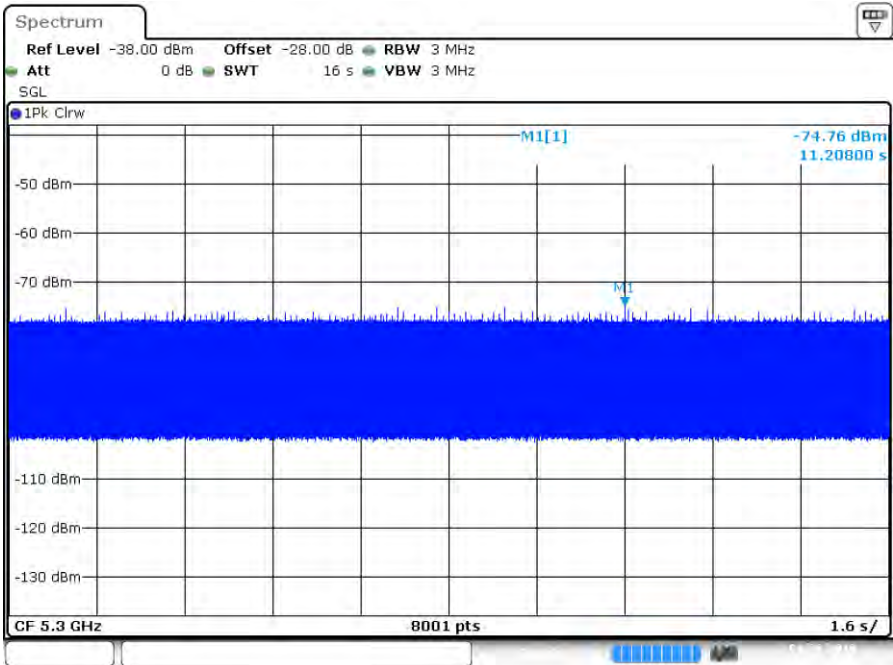


Date: 26.APR.2018 14:31:14

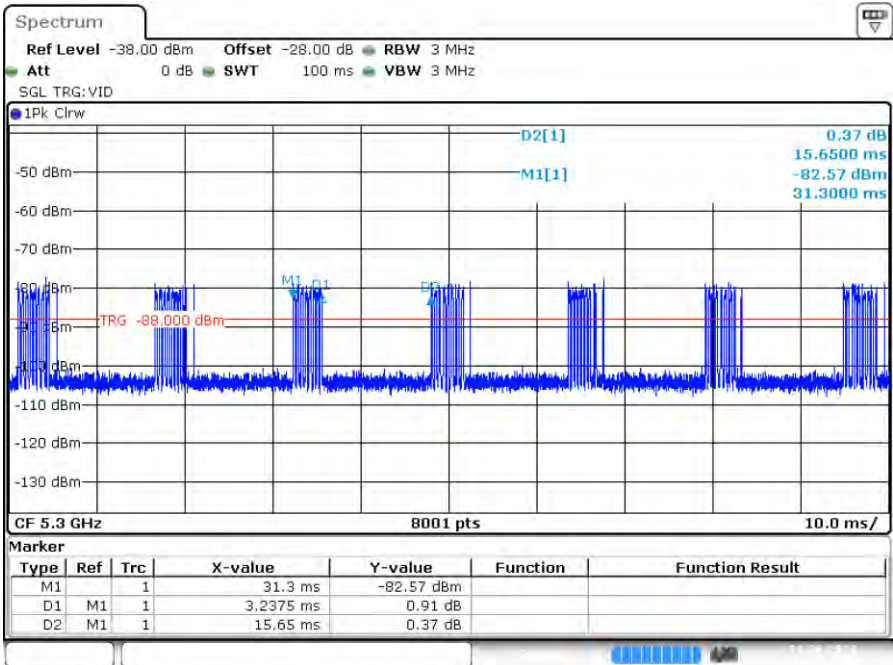
1.10. Master Data Traffic Plot Result

AWK-3131A-M12-RCC

Plot of WLAN Traffic at 5300MHz-20BW



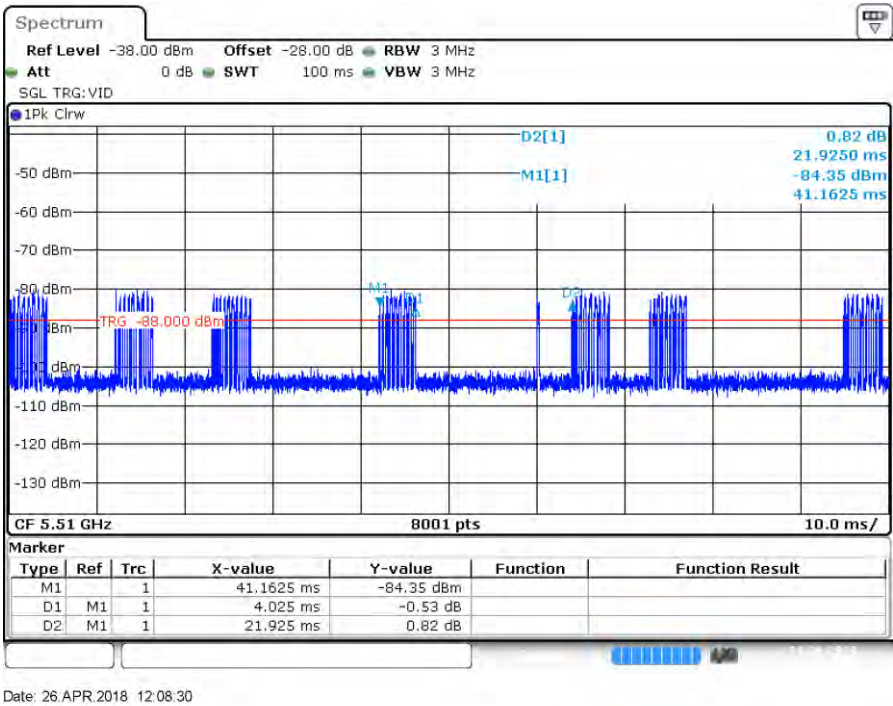
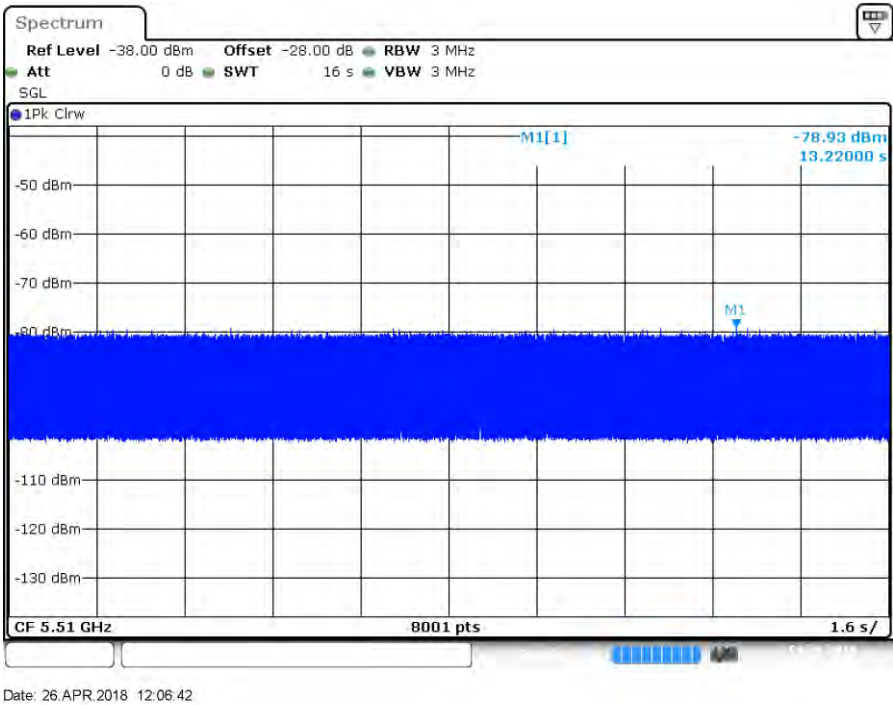
Date: 26.APR 2018 12:22:53



Date: 26.APR 2018 12:21:07

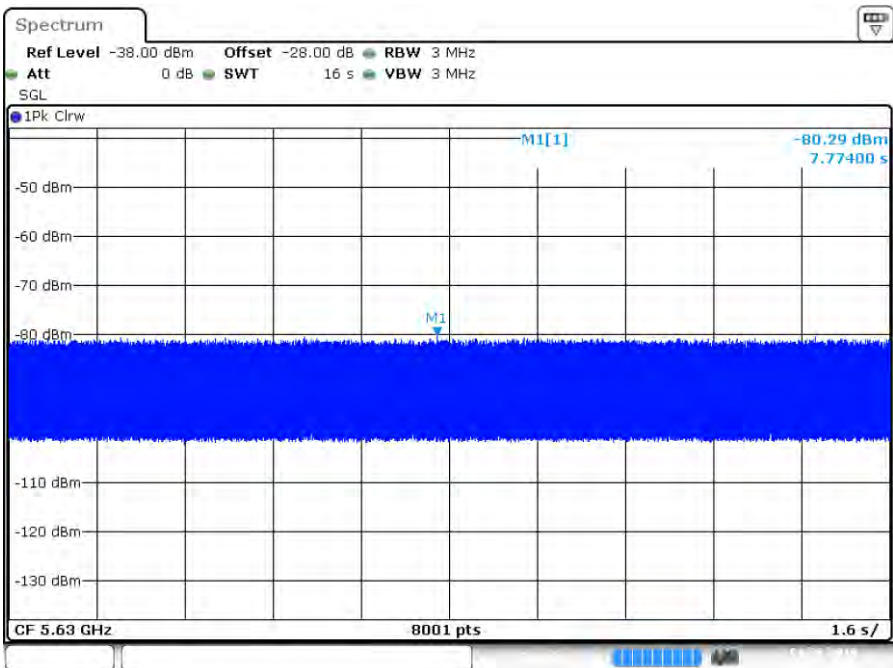
Channel loading	Requirement loading
22.66%	>17%

Plot of WLAN Traffic at 5510MHz-40BW

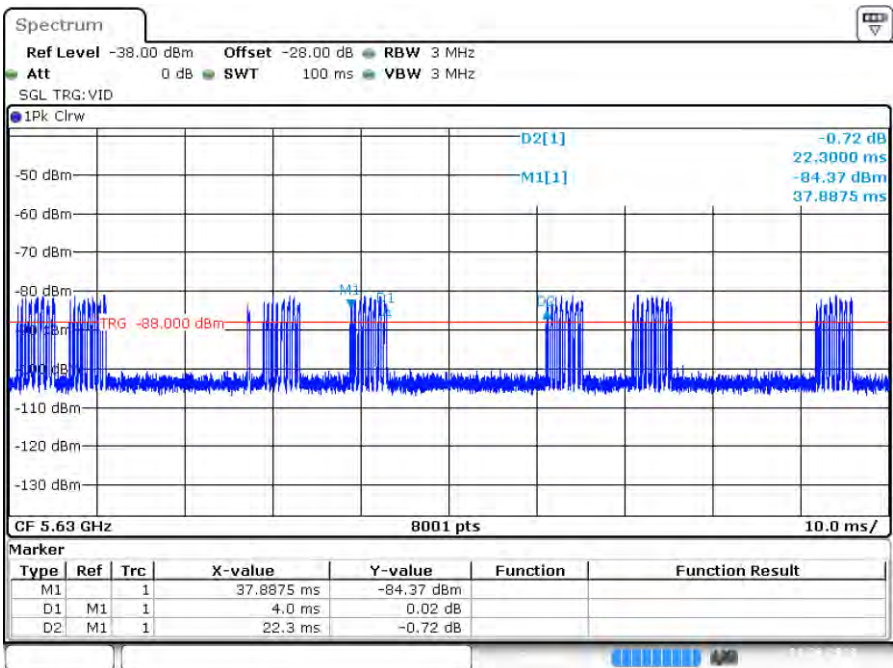


Channel loading	Requirement loading
28.18%	>17%

Plot of WLAN Traffic at 5630MHz-40BW



Date: 26 APR 2018 12:02:45

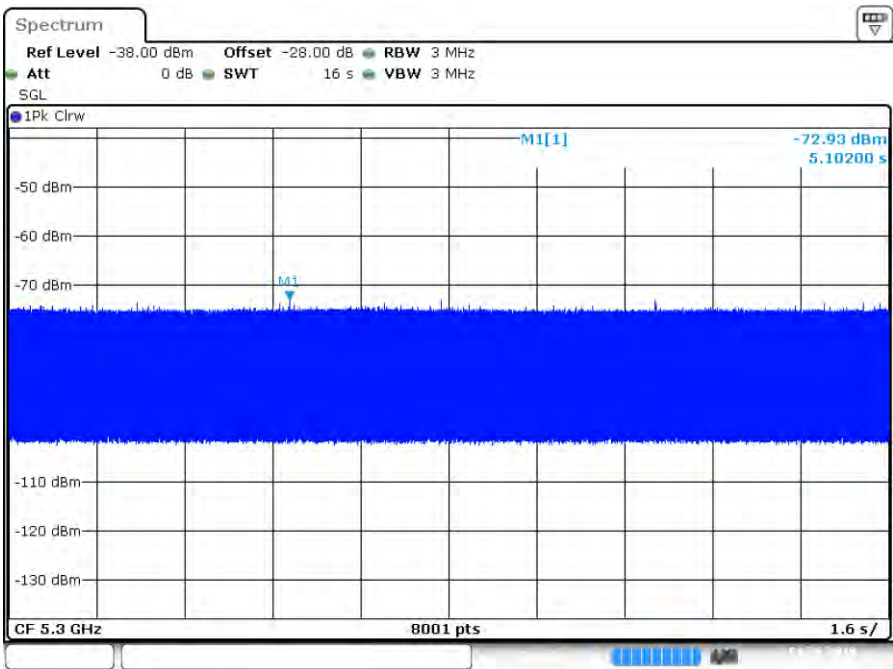


Date: 26 APR 2018 12:16:51

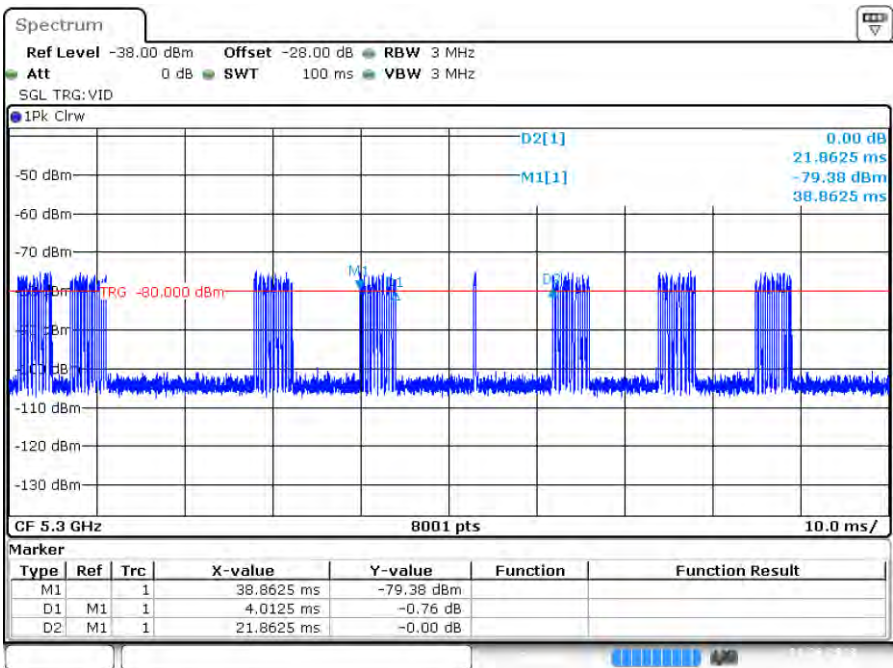
Channel loading	Requirement loading
28.00%	>17%

AWK-3131A-SSC-RTG

Plot of WLAN Traffic at 5300MHz-20BW



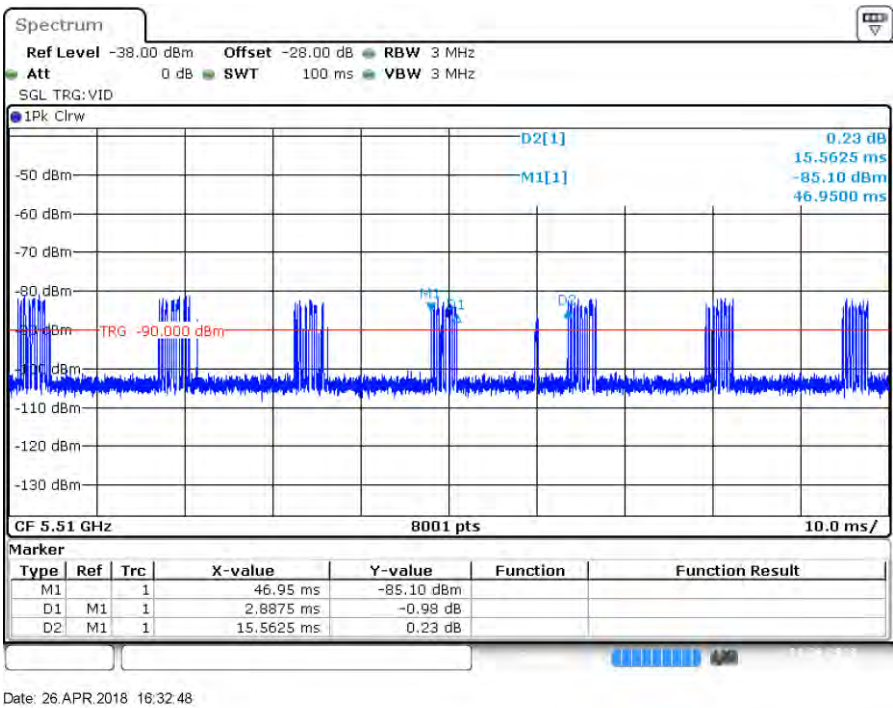
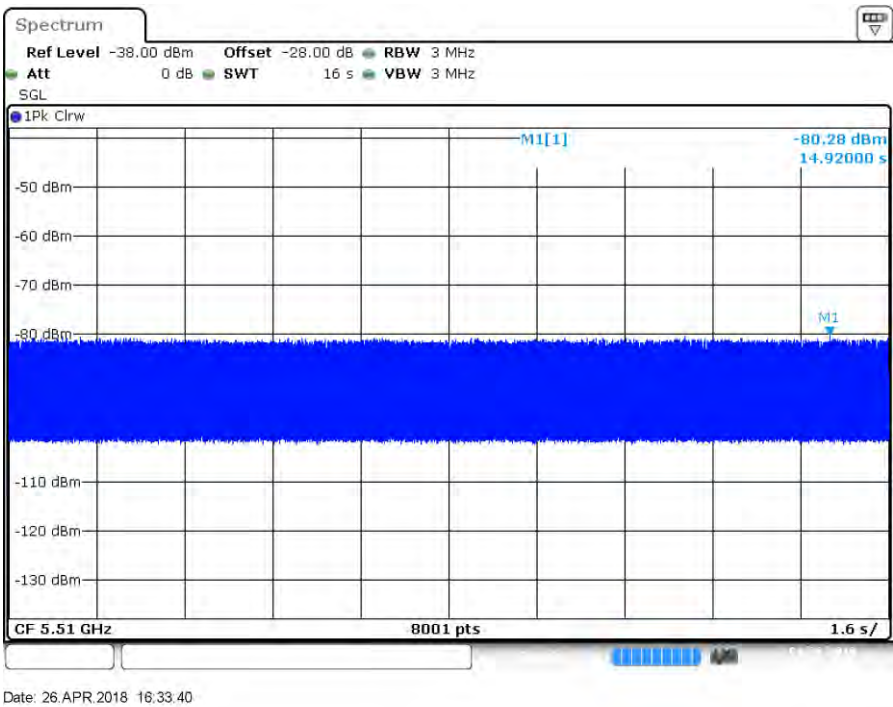
Date: 26.APR.2018 17:20:04



Date: 26.APR.2018 17:19:12

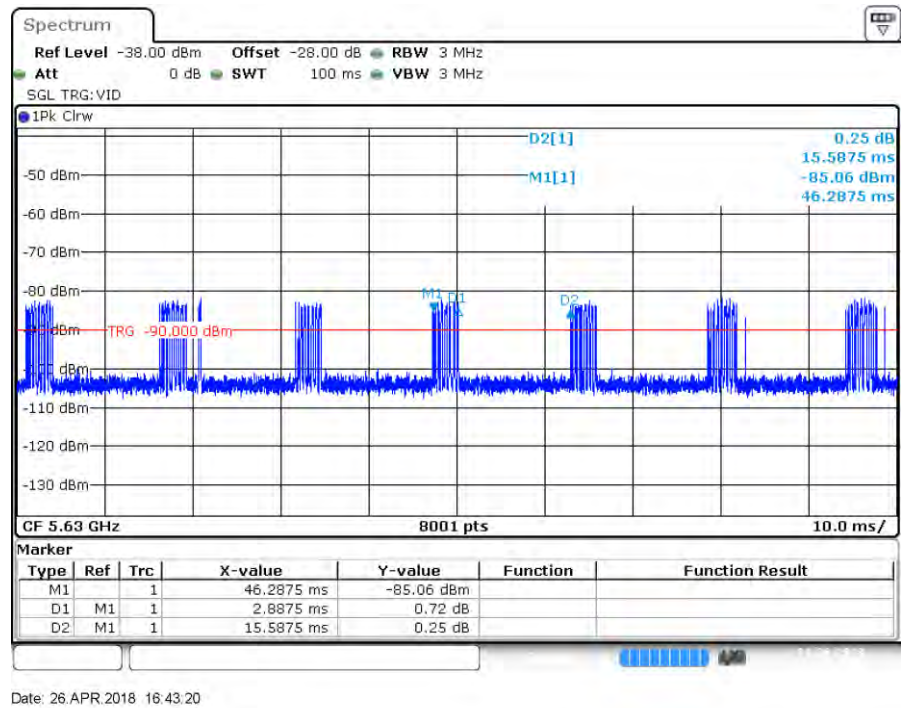
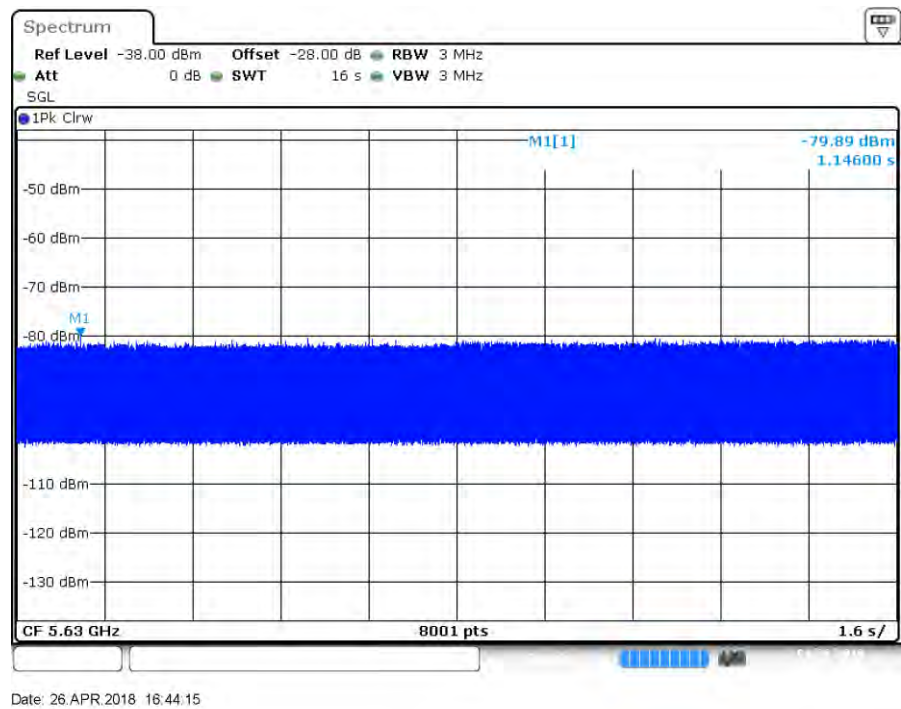
Channel loading	Requirement loading
28.09%	>17%

Plot of WLAN Traffic at 5510MHz-40BW



Channel loading	Requirement loading
20.21%	>17%

Plot of WLAN Traffic at 5630MHz-40BW



Channel loading	Requirement loading
20.21%	>17%

2. UNII Detection Bandwidth

2.1. Test Procedure

The EUT was tested according to U-NII test procedure of KDB905462 D02 for compliance to FCC 47CFR 15.407 requirements.

The generating equipment is configured as shown in the radiated Test Setup above. A single *Burst* of the short pulse radar type 0 is produced at 5300MHz and 5510 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 F_H .

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 F_L .

The U-NII Detection Bandwidth is calculated as follows:

$$\text{U-NII Detection Bandwidth} = F_H - F_L$$

The U-NII Detection Bandwidth must be at least 100% of the EUT transmitter 99% power, otherwise, the EUT does not comply with DFS requirements.

2.2. Test Requirement

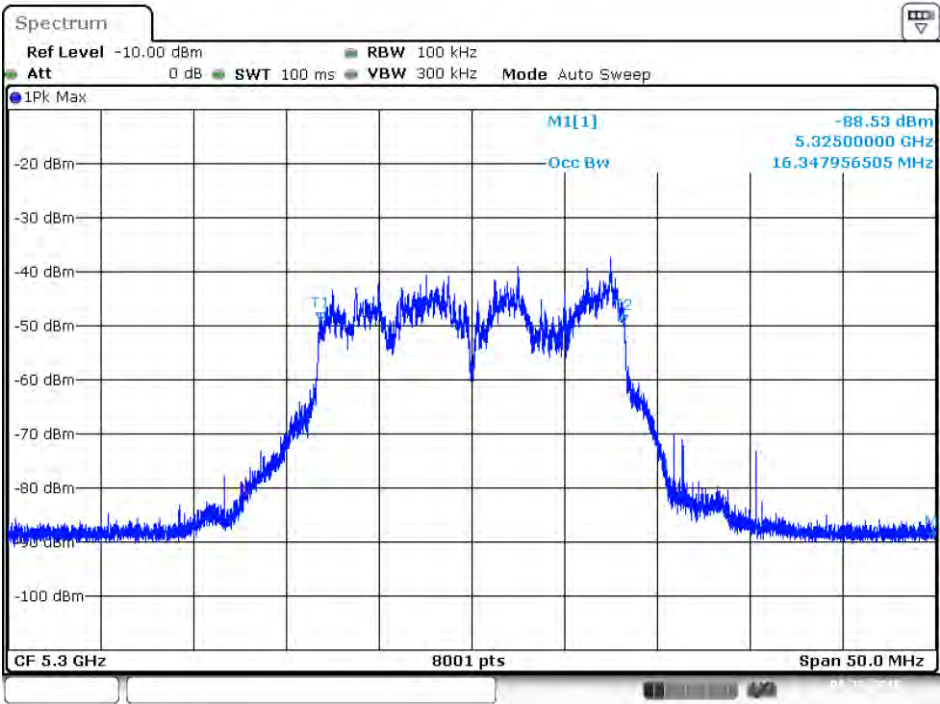
All UNII 20/40MHz channels for this device have identical Channel bandwidths. All UNII 20/40MHz channels for this device also have identical Channel bandwidths. Therefore, all DFS testing was done at 5300MHz, 5510MHz and 5630MHz. The 99% channel bandwidth for Ch60/ 20MHz signals is 16.35 MHz(AWK-3131A-M12-RCC)/ 16.30 MHz(AWK-3131A-SSC-RTG), and the 99% channel bandwidth for Ch102 /40MHz signals is 36.47 MHz(AWK-3131A-M12-RCC)/ 36.41 MHz(AWK-3131A-SSC-RTG) and Ch 126 /40MHz signals is 36.62 MHz(AWK-3131A-M12-RCC)/ 36.37 MHz(AWK-3131A-SSC-RTG).

2.3. Uncertainty

$\pm 1\text{ms}$.

AWK-3131A-M12-RCC

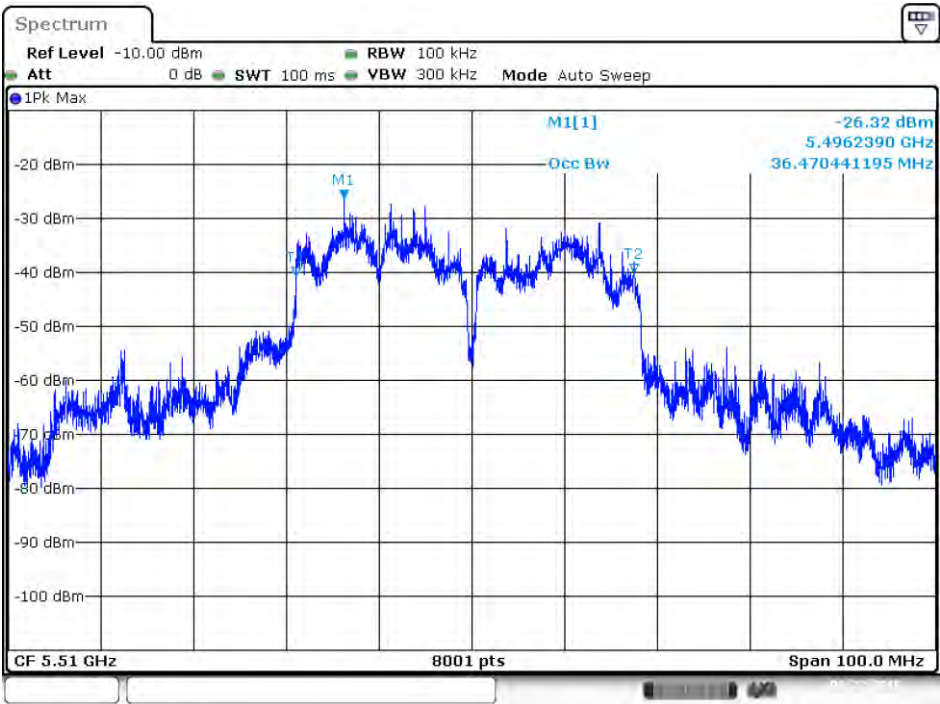
802.11a



Date: 16.MAR.2018 16:58:00

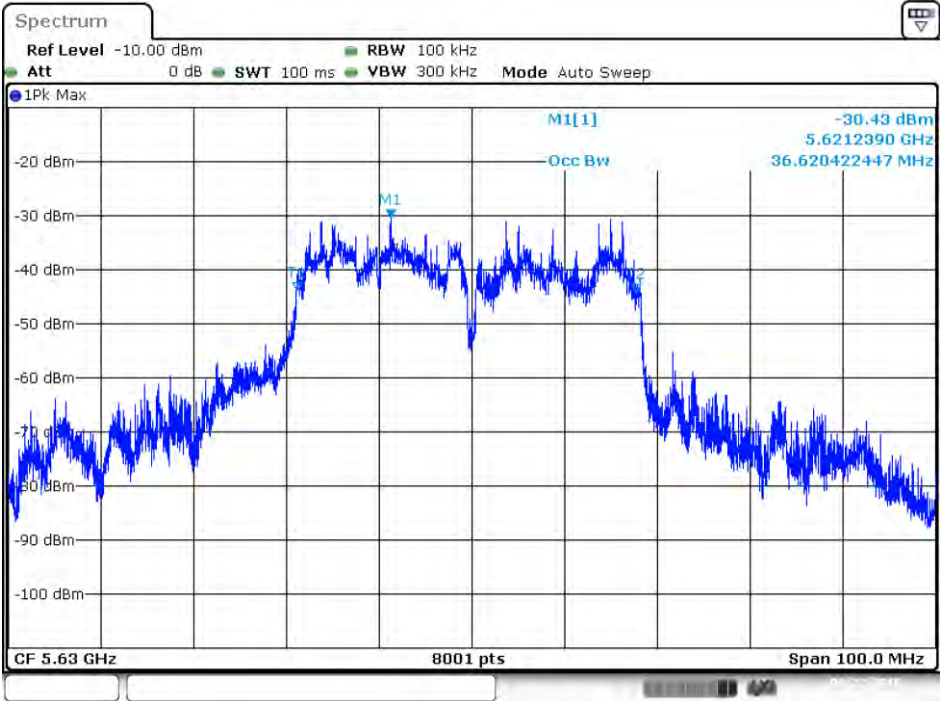
802.11n-40 BW

5510MHz



Date: 22.MAR.2018 14:49:25

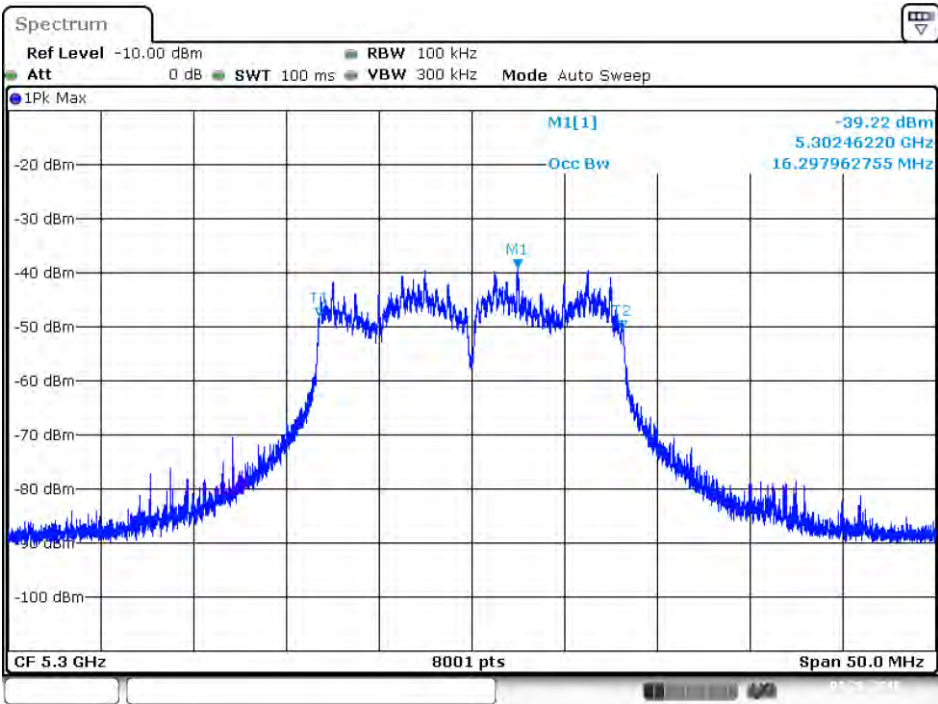
5630MHz



Date: 22.MAR.2018 14:55:50

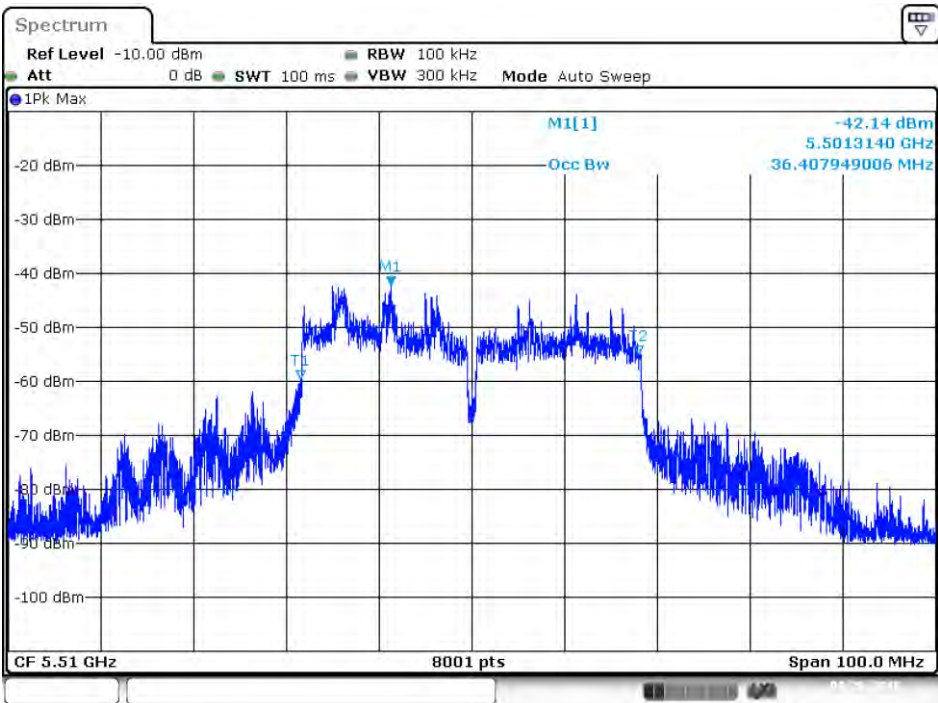
AWK-3131A-SSC-RTG

802.11a

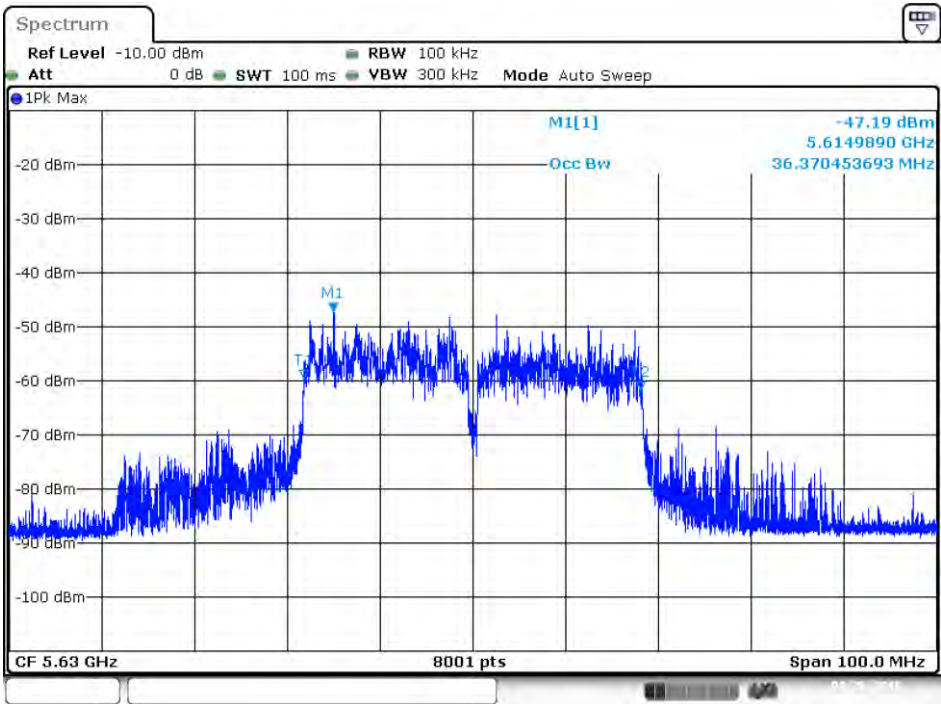


Date: 26.APR.2018 18:21:35

802.11n-40 BW



Date: 26.APR.2018 18:10:16



Date: 26.APR.2018 18:16:08

2.4. Test Result of UNII Detection Bandwidth

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : UNII Detection Bandwidth
 Radar Type : Type 1
 Test Date : 2018/03/16
 Test Mode : Mode 1: Transmit (802.11a) (AWK-3131A-M12-RCC)

Test Channel: 5300MHz (20BW)											
Radar Frequency (MHz)	DFS Detection Trials (1= Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5290	1	1	1	1	1	0	1	0	1	0	70.00
5291 (FL)	1	1	1	1	1	1	1	1	0	1	90.00
5292	1	1	1	1	1	0	1	1	1	1	90.00
5293	1	1	1	1	1	1	1	1	1	1	100.00
5294	1	1	1	1	1	1	1	1	1	1	100.00
5295	1	1	1	1	1	1	1	1	0	1	90.00
5296	1	1	1	1	1	1	1	1	1	1	100.00
5297	1	1	1	1	1	1	1	1	1	1	100.00
5298	1	1	1	1	1	1	1	1	1	1	100.00
5299	1	1	1	1	1	1	1	1	1	1	100.00
5300	1	1	1	1	1	1	1	1	1	1	100.00
5301	1	1	1	1	1	1	1	1	1	1	100.00
5302	1	1	1	1	1	1	1	1	1	1	100.00
5303	1	1	1	1	1	1	1	1	1	1	100.00
5304	1	1	1	1	1	1	1	1	1	1	100.00
5305	1	1	1	1	1	1	1	1	1	1	100.00
5306	1	0	1	1	1	1	1	1	1	1	90.00
5307	1	1	1	1	1	1	1	1	1	1	100.00
5308	1	1	1	1	1	1	1	1	1	1	100.00
5309 (FH)	1	0	1	1	1	1	1	1	1	1	90.00
5310	1	1	1	1	0	0	0	0	0	0	40.00
Detection Bandwidth = FH - FL = 5309MHz - 5291MHz = 18MHz											
EUT 99% Bandwidth =16.348MHz											
UNII Detection Bandwidth Min. Limit =16.348MHz * 100% = 16.348MHz											

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : UNII Detection Bandwidth
 Radar Type : Type 1
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-M12-RCC)

Test Channel: 5510MHz (40BW)											
Radar Frequency (MHz)	DFS Detection Trials (1= Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490	0	0	0	0	0	0	0	0	0	0	0.00
5491 (FL)	1	1	1	1	1	1	1	1	1	0	90.00
5492	1	1	1	1	1	1	1	1	0	1	90.00
5493	1	1	1	1	1	1	1	1	1	1	100.00
5494	1	1	1	1	1	1	1	1	1	1	100.00
5495	1	1	1	1	1	1	1	1	1	1	100.00
5496	1	1	1	1	1	1	1	1	1	1	100.00
5497	1	1	1	1	1	1	1	1	1	1	100.00
5498	1	1	1	1	1	1	1	1	1	1	100.00
5499	1	1	1	1	1	1	1	1	1	1	100.00
5500	1	1	1	1	1	1	1	1	1	1	100.00
5501	1	1	1	1	1	1	1	1	1	1	100.00
5502	1	1	1	1	1	1	1	1	1	1	100.00
5503	1	1	1	1	1	1	1	1	1	1	100.00
5504	1	1	1	1	1	1	1	1	1	1	100.00
5505	1	1	1	1	1	1	1	1	1	1	100.00
5506	1	1	1	1	1	1	1	1	1	1	100.00
5507	1	1	1	1	1	1	1	1	1	1	100.00
5508	1	1	1	1	1	1	1	1	1	1	100.00
5509	1	1	1	1	1	1	1	1	1	1	100.00
5510	1	1	1	1	1	1	1	1	1	1	100.00
5511	1	1	1	1	1	1	1	1	1	1	100.00
5512	1	1	1	1	1	1	1	1	1	1	100.00
5513	1	1	1	1	1	1	1	1	1	1	100.00
5514	1	1	1	1	1	1	1	1	1	1	100.00
5515	1	1	1	1	1	1	1	1	1	1	100.00
5516	1	1	1	1	1	1	1	1	1	1	100.00

5517	1	1	1	1	1	1	1	1	1	1	100.00
5518	1	1	1	1	1	1	1	1	1	1	100.00
5519	1	1	1	1	1	1	1	1	1	1	100.00
5520	1	1	1	1	1	1	1	1	1	1	100.00
5521	1	1	1	1	1	1	1	1	1	1	100.00
5522	1	1	1	1	1	1	1	1	1	1	100.00
5523	1	1	1	1	1	1	1	1	1	1	100.00
5524	1	1	1	1	1	1	1	1	1	1	100.00
5525	1	1	1	1	1	1	1	1	1	1	100.00
5526	1	1	1	1	1	1	1	1	1	1	100.00
5527	1	1	1	1	1	1	1	1	1	1	100.00
5528	1	1	1	1	1	1	1	1	1	0	90.00
5529 (FH)	1	1	1	1	1	1	1	1	1	0	90.00
5530	1	0	0	0	0	0	0	0	1	1	30.00
Detection Bandwidth = FH - FL = 5529MHz - 5491MHz = 38MHz											
EUT 99% Bandwidth = 36.47 MHz											
UNII Detection Bandwidth Min. Limit = 36.47MHz * 100% = 36.47 MHz											

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : UNII Detection Bandwidth
 Radar Type : Type 1
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-M12-RCC)

Test Channel: 5630MHz (40BW)											
Radar Frequency (MHz)	DFS Detection Trials (1= Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5610	0	0	0	0	0	0	0	0	0	0	0.00
5611 (FL)	1	1	1	1	1	1	1	0	1	1	90.00
5612	1	1	1	1	1	1	1	1	1	1	100.00
5613	1	1	1	1	1	1	1	1	1	1	100.00
5614	1	1	1	1	1	1	1	1	1	1	100.00
5615	1	1	1	1	1	1	1	1	1	1	100.00
5616	1	1	1	1	1	1	1	1	1	1	100.00
5617	1	1	1	1	1	1	1	1	1	1	100.00
5618	1	1	1	1	1	1	1	1	1	1	100.00
5619	1	1	1	1	1	1	1	1	1	1	100.00
5620	1	1	1	1	1	1	1	1	1	1	100.00
5621	1	1	1	1	1	1	1	1	1	1	100.00
5622	1	1	1	1	1	1	1	1	1	1	100.00
5623	1	1	1	1	1	1	1	1	1	1	100.00
5624	1	1	1	1	1	1	1	1	1	1	100.00
5625	1	1	1	1	1	1	1	1	1	1	100.00
5626	1	1	1	1	1	1	1	1	1	1	100.00
5627	1	1	1	1	1	1	1	1	1	1	100.00
5628	1	1	1	1	1	1	1	1	1	1	100.00
5629	1	1	1	1	1	1	1	1	1	1	100.00
5630	1	1	1	1	1	1	1	1	1	1	100.00
5631	1	1	1	1	1	1	1	1	1	1	100.00
5632	1	1	1	1	1	1	1	1	1	1	100.00
5633	1	1	1	1	1	1	1	1	1	1	100.00
5634	1	1	1	1	1	1	1	1	1	1	100.00
5635	1	1	1	1	1	1	1	1	1	1	100.00
5636	1	1	1	1	1	1	1	1	1	1	100.00

5637	1	1	1	1	1	1	1	1	1	1	100.00
5638	1	1	1	1	1	1	1	1	1	1	100.00
5639	1	1	1	1	1	1	1	1	1	1	100.00
5640	1	1	1	1	1	1	1	1	1	1	100.00
5641	1	1	1	1	1	1	1	1	1	1	100.00
5642	1	1	1	1	1	1	1	1	1	1	100.00
5643	1	1	1	1	1	1	1	0	1	1	90.00
5644	1	1	1	1	1	1	1	1	1	1	100.00
5645	1	1	1	1	1	1	1	0	1	1	90.00
5646	1	1	1	1	1	1	1	1	1	1	100.00
5647	1	1	1	1	1	1	0	1	1	1	90.00
5648	1	1	1	1	1	0	1	1	1	1	90.00
5649 (FH)	1	1	1	1	1	1	1	1	1	1	100.00
5650	1	1	1	1	0	0	1	1	0	1	70.00
Detection Bandwidth = FH - FL = 5649MHz - 5611MHz = 38MHz											
EUT 99% Bandwidth = 36.62 MHz											
UNII Detection Bandwidth Min. Limit = 36.62 MHz * 100% = 36.62MHz											

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : UNII Detection Bandwidth
 Radar Type : Type 1
 Test Date : 2018/03/16
 Test Mode : Mode 1: Transmit (802.11a) (AWK-3131A-SSC-RTG)

Test Channel: 5300MHz (20BW)											
Radar Frequency (MHz)	DFS Detection Trials (1= Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5290	0	0	0	0	0	0	0	0	0	0	0.00
5291	1	1	1	1	1	1	1	0	0	1	80.00
5292 (FL)	1	1	1	1	1	0	1	1	1	1	90.00
5293	1	1	1	1	0	1	1	1	1	1	90.00
5294	1	1	1	1	1	1	1	1	1	1	100.00
5295	1	1	1	1	1	1	1	1	1	1	100.00
5296	1	1	1	1	1	1	1	1	1	1	100.00
5297	1	1	1	1	1	1	1	1	1	1	100.00
5298	1	1	1	1	1	1	1	1	1	1	100.00
5299	1	1	1	1	1	1	1	1	1	1	100.00
5300	1	1	1	1	1	1	1	1	1	1	100.00
5301	1	1	1	1	1	1	1	1	1	1	100.00
5302	1	1	1	1	1	1	1	1	1	1	100.00
5303	1	1	1	1	1	1	1	1	1	1	100.00
5304	1	1	1	1	1	1	1	1	1	1	100.00
5305	1	1	1	1	1	1	1	1	1	1	100.00
5306	1	1	1	1	1	1	1	1	1	1	100.00
5307	1	1	1	1	1	1	1	1	1	1	100.00
5308	1	1	1	0	1	1	1	1	1	1	90.00
5309 (FH)	1	1	1	1	1	1	0	1	1	1	90.00
5310	0	0	0	0	0	0	0	0	0	0	0.00
Detection Bandwidth = FH - FL = 5309MHz - 5292MHz = 17MHz											
EUT 99% Bandwidth =16.2979 MHz											
UNII Detection Bandwidth Min. Limit =16.2979MHz * 100% = 16.2979MHz											

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : UNII Detection Bandwidth
 Radar Type : Type 1
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-SSC-RTG)

Test Channel: 5510MHz (40BW)											
Radar Frequency (MHz)	DFS Detection Trials (1= Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490	0	0	0	0	0	0	0	0	0	0	0.00
5491 (FL)	1	1	0	1	1	1	1	1	1	1	90.00
5492	1	1	1	1	1	1	1	1	1	1	100.00
5493	1	1	1	1	1	1	1	1	1	1	100.00
5494	1	1	1	0	1	1	1	1	1	1	90.00
5495	1	1	1	1	1	1	1	1	1	1	100.00
5496	1	1	1	1	1	1	1	1	1	1	100.00
5497	1	1	1	1	1	1	1	1	1	1	100.00
5498	1	1	1	1	1	1	1	1	1	1	100.00
5499	1	1	1	1	1	1	1	1	1	1	100.00
5500	1	1	1	1	1	1	1	1	1	1	100.00
5501	1	1	1	1	1	1	1	1	1	1	100.00
5502	1	1	1	1	1	1	1	1	1	1	100.00
5503	1	1	1	1	1	1	1	1	1	1	100.00
5504	1	1	1	1	1	1	1	1	1	1	100.00
5505	1	1	1	1	1	1	1	1	1	1	100.00
5506	1	1	1	1	1	1	1	1	1	1	100.00
5507	1	1	1	1	1	1	1	1	1	1	100.00
5508	1	1	1	1	1	1	1	1	1	1	100.00
5509	1	1	1	1	1	1	1	1	1	1	100.00
5510	1	1	1	1	1	1	1	1	1	1	100.00
5511	1	1	1	1	1	1	1	1	1	1	100.00
5512	1	1	1	1	1	1	1	1	1	1	100.00
5513	1	1	1	1	1	1	1	1	1	1	100.00
5514	1	1	1	1	1	1	1	1	1	1	100.00
5515	1	1	1	1	1	1	1	1	1	1	100.00
5516	1	1	1	1	1	1	1	1	1	1	100.00

5517	1	1	1	1	1	1	1	1	1	1	100.00
5518	1	1	1	1	1	1	1	1	1	1	100.00
5519	1	1	1	1	1	1	1	1	1	1	100.00
5520	1	1	1	1	1	1	1	1	1	1	100.00
5521	1	1	1	1	1	1	1	1	1	1	100.00
5522	1	1	1	1	1	1	1	1	1	1	100.00
5523	1	1	1	1	1	1	1	1	1	1	100.00
5524	1	1	1	1	1	1	1	1	1	1	100.00
5525	1	1	1	1	1	1	1	1	1	1	100.00
5526	1	1	1	1	1	1	1	1	1	1	100.00
5527	1	1	1	0	1	1	1	1	1	1	90.00
5528	1	1	1	1	1	1	1	1	1	1	100.00
5529 (FH)	0	1	1	1	1	1	1	1	1	1	90.00
5530	0	0	0	0	0	0	0	0	0	0	0.00
Detection Bandwidth = FH - FL = 5529MHz - 5491MHz = 38MHz											
EUT 99% Bandwidth = 36.4079 MHz											
UNII Detection Bandwidth Min. Limit = 36.4079MHz * 100% =36.4079 MHz											

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : UNII Detection Bandwidth
 Radar Type : Type 1
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-SSC-RTG)

Test Channel: 5630MHz (40BW)											
Radar Frequency (MHz)	DFS Detection Trials (1= Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5610	0	0	0	0	0	0	0	0	0	0	0.00
5611 (FL)	1	1	1	0	1	1	1	1	1	1	90.00
5612	1	1	1	1	1	1	1	1	1	1	100.00
5613	1	1	1	1	1	1	1	1	1	1	100.00
5614	1	1	1	1	1	1	1	1	1	1	100.00
5615	1	1	1	1	1	1	1	1	1	1	100.00
5616	1	1	1	1	1	1	1	1	1	1	100.00
5617	1	1	1	1	1	1	1	1	1	1	100.00
5618	1	1	1	1	1	1	1	1	1	1	100.00
5619	1	1	1	1	1	1	1	1	1	1	100.00
5620	1	1	1	1	1	1	1	1	1	1	100.00
5621	1	1	1	1	1	1	1	1	1	1	100.00
5622	1	1	1	1	1	1	1	1	1	1	100.00
5623	1	1	1	1	1	1	1	1	1	1	100.00
5624	1	1	1	1	1	1	1	1	1	1	100.00
5625	1	1	1	1	1	1	1	1	1	1	100.00
5626	1	1	1	1	1	1	1	1	1	1	100.00
5627	1	1	1	1	1	1	1	1	1	1	100.00
5628	1	1	1	1	1	1	1	1	1	1	100.00
5629	1	1	1	1	1	1	1	1	1	1	100.00
5630	1	1	1	1	1	1	1	1	1	1	100.00
5631	1	1	1	1	1	1	1	1	1	1	100.00
5632	1	1	1	1	1	1	1	1	1	1	100.00
5633	1	1	1	1	1	1	1	1	1	1	100.00
5634	1	1	1	1	1	1	1	1	1	1	100.00
5635	1	1	1	1	1	1	1	1	1	1	100.00
5636	1	1	1	1	1	1	1	1	1	1	100.00

5637	1	1	1	1	1	1	1	1	1	1	100.00
5638	1	1	1	1	1	1	1	1	1	1	100.00
5639	1	1	1	1	1	1	1	1	1	1	100.00
5640	1	1	1	1	1	1	1	1	1	1	100.00
5641	1	1	1	1	1	1	1	1	1	1	100.00
5642	1	1	1	1	1	1	1	1	1	1	100.00
5643	1	1	1	1	1	1	1	0	1	1	90.00
5644	1	1	1	1	1	1	1	1	1	1	100.00
5645	1	1	1	1	0	1	1	1	1	1	90.00
5646	1	1	1	1	1	1	1	1	0	1	90.00
5647	1	1	1	1	1	1	1	1	1	1	100.00
5648	1	1	1	1	1	1	1	1	1	1	100.00
5649 (FH)	1	1	1	1	1	0	1	1	1	1	90.00
5650	0	0	0	0	0	0	0	0	0	0	0.00
Detection Bandwidth = FH - FL = 5649MHz - 5611MHz = 38MHz											
EUT 99% Bandwidth = 36.3704 MHz											
UNII Detection Bandwidth Min. Limit = 36.3704 MHz * 100% = 36.3704MHz											

3. Initial Channel Availability Check Time

3.1. Test Procedure

The EUT was tested according to U-NII test procedure of KDB905462 D02 for compliance to FCC 47CFR 15.407 requirements.

The U-NII device is powered on and instructed to operate at 5300/5510 MHz and 5530MHz. 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 5300/5510 MHz and 5530MHz 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.

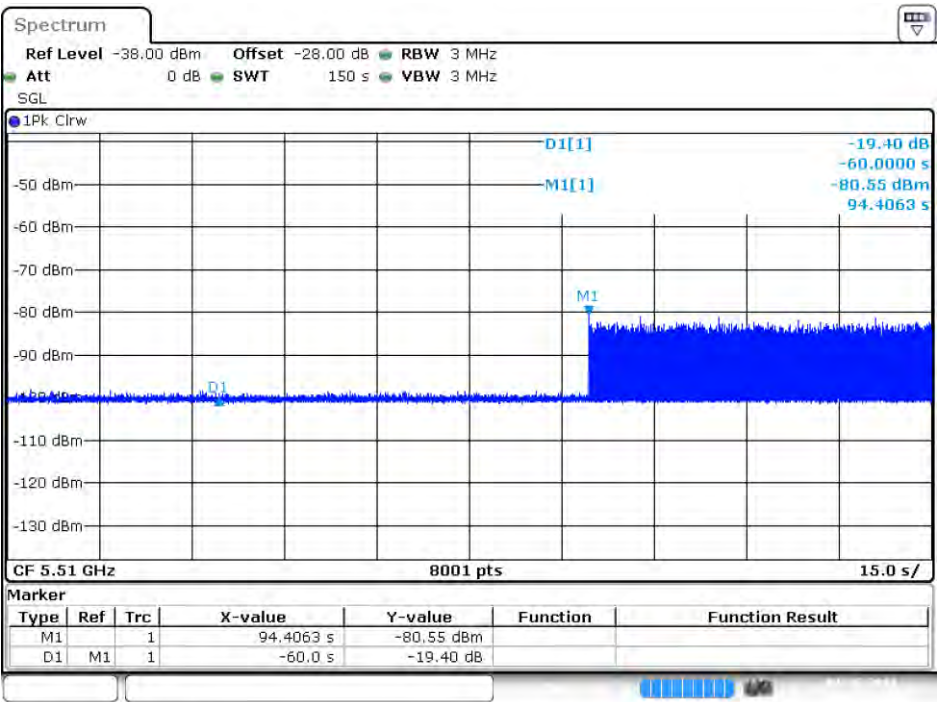
3.3. Uncertainty

$\pm 1\text{ms}$.

3.4. Test Result of Initial Channel Availability Check Time

Product : MOXA IEEE 802.11 a/b/g/n
Test Item : Initial Channel Availability Check Time
Radar Type : Type 1
Test Mode : Mode 2: Transmit (802.11n-40BW)

The EUT does not transmit any beacon or data transmission until at least 1 minute after the completion of the power-on cycle (34.4 sec). The initial power up time of the EUT is indicated by Marker 1R (94.4 sec) – CAC (60 sec). Initial beacons/data transmission is indicated by Marker 1R (94.4 sec)



Date: 26 APR 2018 12:31:43

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

4.1. Test Procedure

The EUT was tested according to U-NII test procedure of KDB905462 D02 for compliance to FCC 47CFR 15.407 requirements.

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 T1 and will end no sooner than T1 + 60 seconds.

A single Burst of short pulse of radar type 1 at -63dBm 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/5510MHz and 5630MHz will continue for 2.5 minutes after the radar Burst, Verify that during the 2.5 minute measurement window no EUT transmissions occurred at 5300MHz/5510MHz and 5630MHz.

4.2. Test Requirement

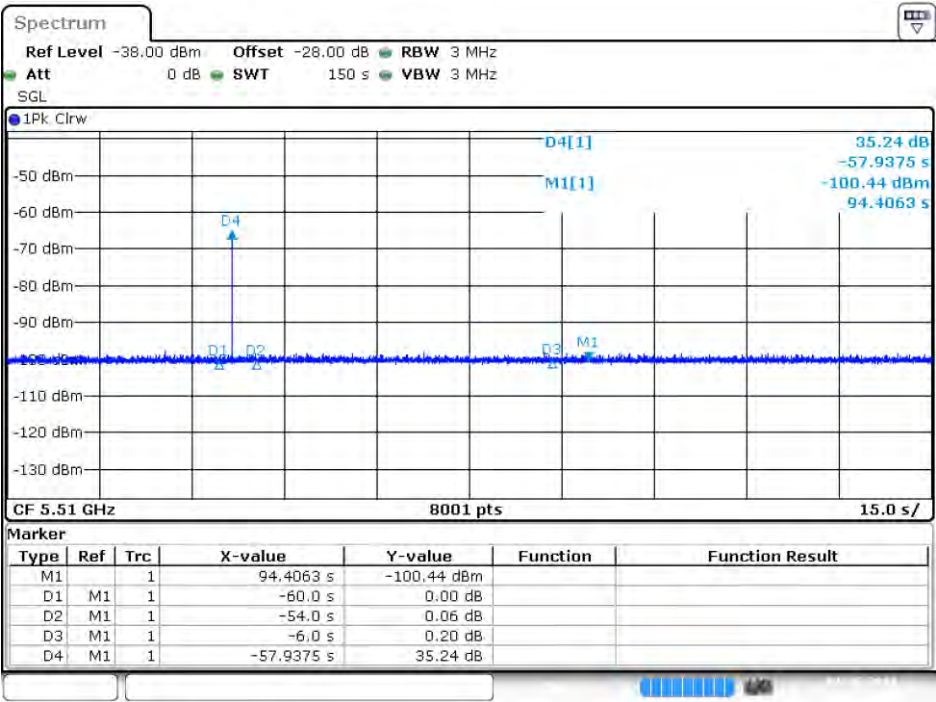
In beginning of the Channel Availability Check (CAC) Time, radar is detected on this channel, select another intended channel and perform a CAC that channel.

4.3. Uncertainty

$\pm 1\text{ms}$.

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

Product : MOXA IEEE 802.11 a/b/g/n
Test Item : Radar Burst at the Beginning of the Channel Availability Check Time
Radar Type : Type 0
Test Mode : Mode 2: Transmit (802.11n-40BW)



Date: 26 APR 2018 12:35:21

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

5.1. Test Procedure

The EUT was tested according to U-NII test procedure of KDB905462 D02 for compliance to FCC 47CFR 15.407 requirements.

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 T_1 and will end no sooner than $T_1 + 60$ seconds. A single Burst of short pulse of radar type 1 at -63 dBm 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/5510MHz and 5630MHz will continue for 2.5 minutes after the radar Burst

has been generated.

Verify that during the 2.5 minute measurement window no UUT transmissions occurred at 5300MHz /5510MHz and 5630MHz.

5.2. Test Requirement

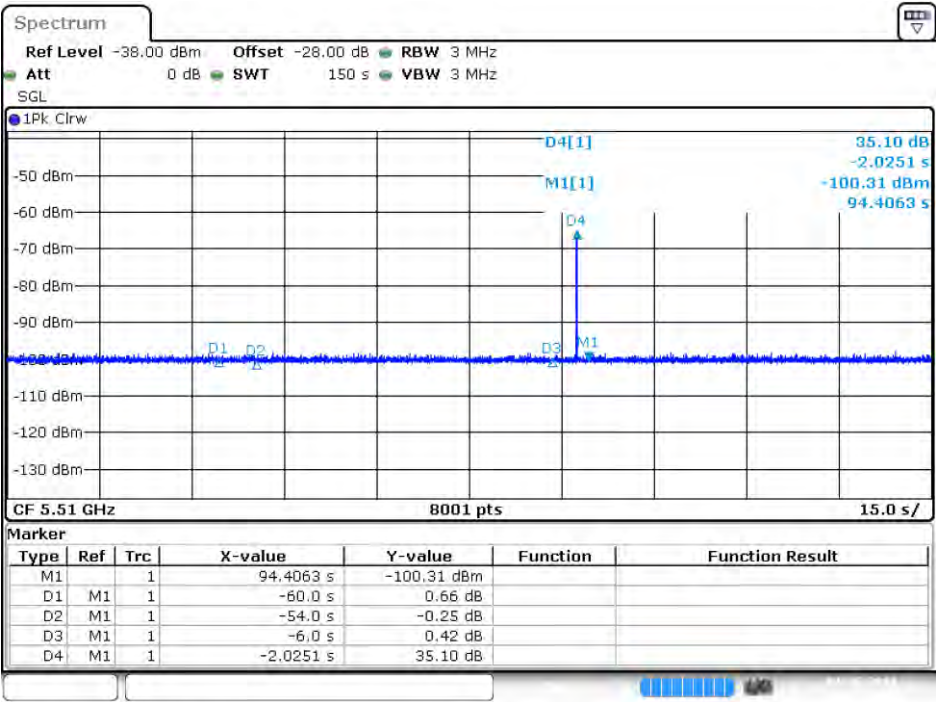
In the end of Channel Availability Check (CAC) Time, radar is detected on this channel, select another intended channel and perform a CAC that channel.

5.3. Uncertainty

$\pm 1\text{ms}$.

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

Product : MOXA IEEE 802.11 a/b/g/n
Test Item : Radar Burst at the End of the Channel Availability Check Time
Radar Type : Type 0
Test Mode : Mode 2: Transmit (802.11n-40BW)



Date: 26 APR 2018 12:43:51

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

6.1. Test Procedure

The EUT was tested according to U-NII test procedure of KDB905462 D02 for compliance to FCC 47CFR 15.407 requirements.

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 5300MHz/ 5510MHz and 5630MHz..

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

At time T0 the Radar Waveform generator sends a Burst of pulses for each of the radar types at -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

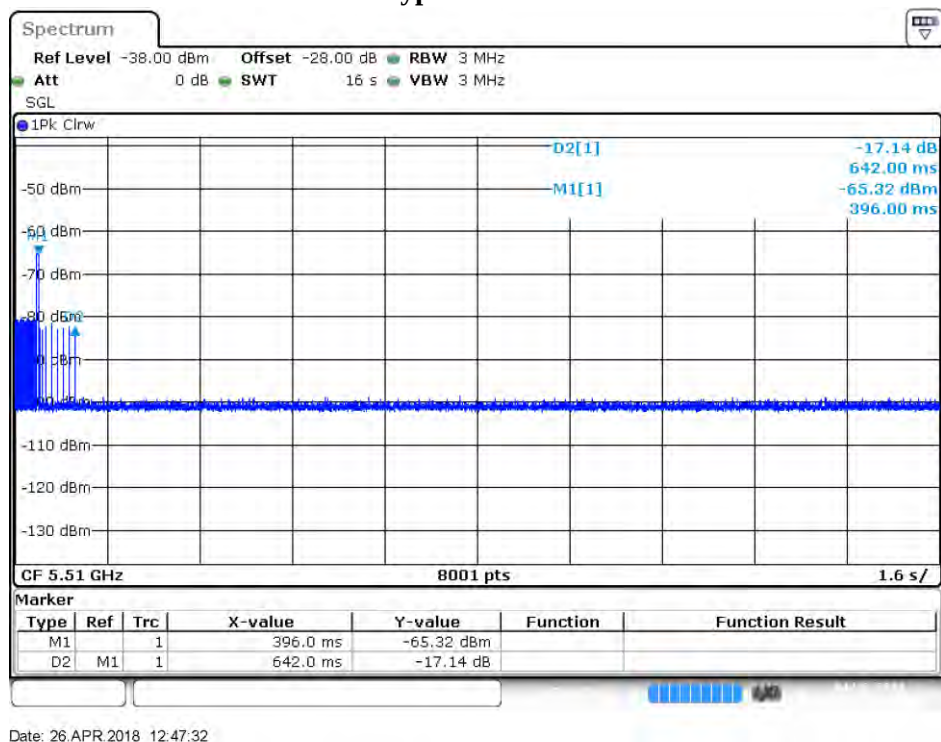
6.3. Uncertainty

$\pm 1\text{ms}$.

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

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Channel Move Time
 Radar Type : Type 0
 Test Mode : Mode 2: Transmit (802.11n-40BW)

Channel Move Time for Radar Test Type 0 at 5510MHz

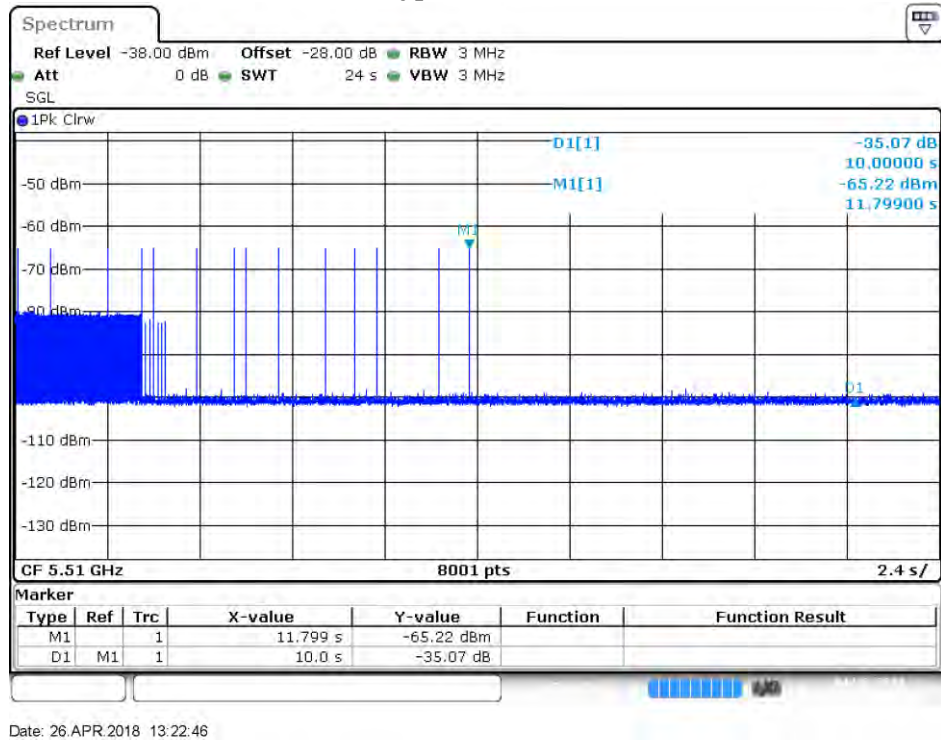


Test Item	Test Result (Sec)	Limit (Sec)
Channel Move Time	0.642	10

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

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Channel Move Time
 Radar Type : Type 5
 Test Mode : Mode 2: Transmit (802.11n-40BW)

Channel Move Time for Radar Test Type 5 at 5510MHz

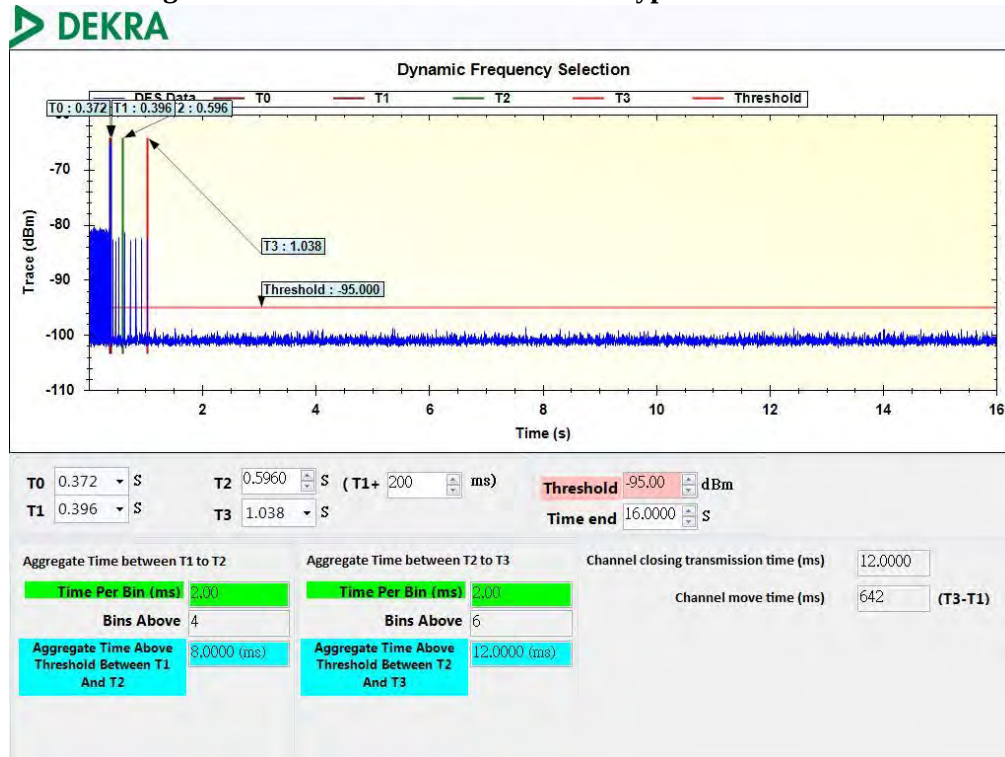


Test Item	Test Result (Sec)	Limit (Sec)
Channel Move Time	0	10

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

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Channel Closing Transmission Time Test
 Radar Type : Type 0
 Test Mode : Mode 2: Transmit (802.11n-40BW)

Channel Closing Transmission Time for Radar Test Type 0 at 5510 MHz

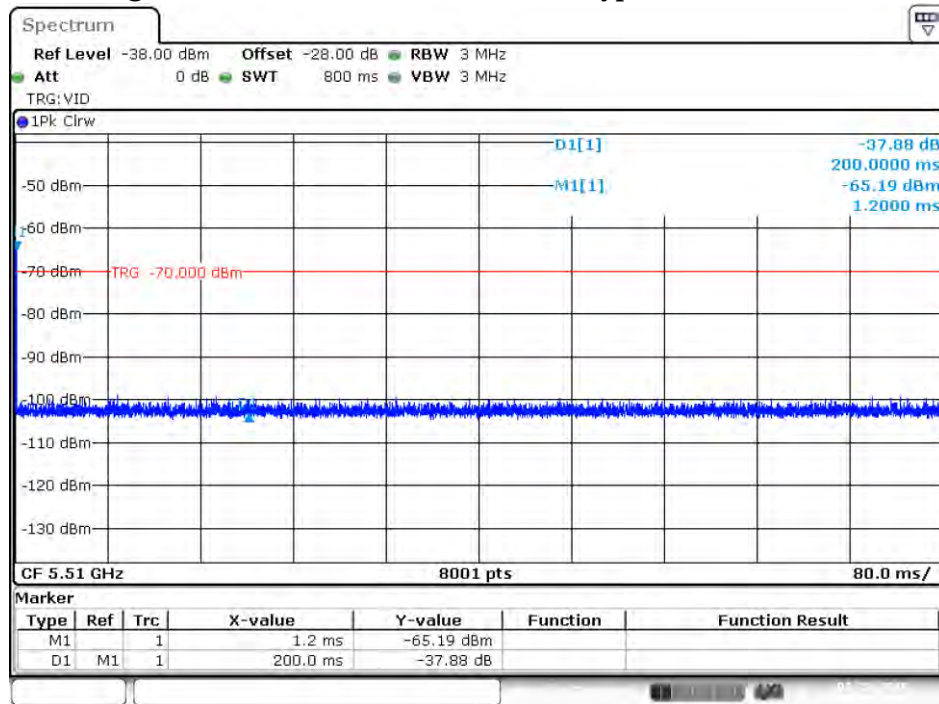


Test Item	Test Result (ms)	Limit (ms)
Channel Closing Transmission	12	200 milliseconds + approx. 60 milliseconds over remaining 10 seconds period

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 : MOXA IEEE 802.11 a/b/g/n
 Test Item : Channel Closing Transmission Time Test
 Radar Type : Type 5
 Test Mode : Mode 2: Transmit (802.11n-40BW)

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



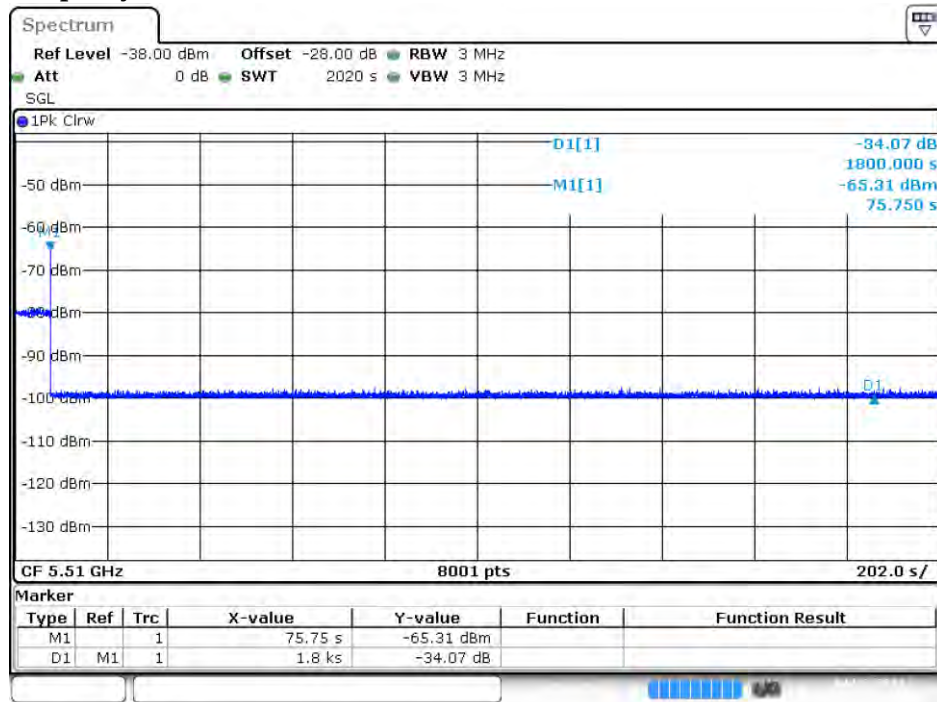
Date: 26.APR.2018 13:29:27

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

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 : MOXA IEEE 802.11 a/b/g/n
 Test Item : Non-Occupancy Period
 Radar Type : Type 0
 Test Mode : Mode 2: Transmit (802.11n-40BW)

Non-Occupancy Period at 5510 MHz



Date: 26 APR 2018 14:15:22

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 EUT was tested according to U-NII test procedure of KDB905462 D02 for compliance to FCC 47CFR 15.407 requirements.

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, 5510MHz and 5630MHz..

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:

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

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 : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 1
 Test Date : 2018/03/16
 Test Mode : Mode 1: Transmit (802.11a) (AWK-3131A-M12-RCC)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5300	1	798	67	1
2	5300	1	678	78	1
3	5300	1	778	68	1
4	5300	1	598	89	1
5	5300	1	558	95	1
6	5300	1	938	57	1
7	5300	1	538	98	0
8	5300	1	698	76	0
9	5300	1	518	102	1
10	5300	1	898	59	1
11	5300	1	918	58	1
12	5300	1	658	81	0
13	5300	1	878	61	1
14	5300	1	638	83	1
15	5300	1	618	86	1
16	5300	1	2884	19	1
17	5300	1	2068	26	1
18	5300	1	1007	53	0
19	5300	1	764	69	1
20	5300	1	1354	39	1
21	5300	1	2313	23	1
22	5300	1	788	67	1
23	5300	1	2512	21	1
24	5300	1	2732	20	0
25	5300	1	1837	29	1
26	5300	1	914	58	1
27	5300	1	863	62	1
28	5300	1	1167	46	1
29	5300	1	1323	40	1
30	5300	1	2507	22	1
Detection Percentage(%)					83.33%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 1
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-M12-RCC)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	1	538	98	1
2	5510	1	718	74	1
3	5510	1	618	86	1
4	5510	1	838	63	1
5	5510	1	558	95	1
6	5510	1	638	83	1
7	5510	1	818	65	1
8	5510	1	3066	18	0
9	5510	1	578	92	1
10	5510	1	678	78	1
11	5510	1	798	67	1
12	5510	1	658	81	1
13	5510	1	898	59	1
14	5510	1	738	72	1
15	5510	1	918	58	0
16	5510	1	1646	33	1
17	5510	1	1003	53	1
18	5510	1	525	101	1
19	5510	1	2138	25	1
20	5510	1	577	92	1
21	5510	1	1897	28	1
22	5510	1	1428	37	1
23	5510	1	2426	22	1
24	5510	1	1228	43	1
25	5510	1	1806	30	1
26	5510	1	2939	18	1
27	5510	1	1700	31	1
28	5510	1	2821	19	1
29	5510	1	1362	39	1
30	5510	1	2183	25	1
Detection Percentage(%)					93.33%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 1
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-M12-RCC)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5630	1	838	63	1
2	5630	1	798	67	1
3	5630	1	938	57	1
4	5630	1	658	81	1
5	5630	1	518	102	1
6	5630	1	898	59	1
7	5630	1	598	89	1
8	5630	1	638	83	1
9	5630	1	918	58	1
10	5630	1	578	92	1
11	5630	1	558	95	1
12	5630	1	718	74	1
13	5630	1	778	68	1
14	5630	1	698	76	1
15	5630	1	618	86	1
16	5630	1	1882	29	1
17	5630	1	756	70	1
18	5630	1	939	57	1
19	5630	1	2935	18	0
20	5630	1	1194	45	1
21	5630	1	1733	31	1
22	5630	1	2164	25	1
23	5630	1	2037	26	1
24	5630	1	2301	23	1
25	5630	1	903	59	1
26	5630	1	3064	18	1
27	5630	1	531	100	1
28	5630	1	2058	26	1
29	5630	1	735	72	1
30	5630	1	2138	25	1
Detection Percentage(%)					96.67%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 2
 Test Date : 2018/03/16
 Test Mode : Mode 1: Transmit (802.11a) (AWK-3131A-M12-RCC)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5300	2.2	193	27	1
2	5300	2.1	212	29	0
3	5300	1.2	222	26	1
4	5300	3.7	197	26	1
5	5300	1.3	185	24	1
6	5300	1.4	220	26	1
7	5300	1.5	207	25	1
8	5300	3.3	226	28	0
9	5300	3.7	158	27	0
10	5300	4.3	185	25	1
11	5300	1.6	171	28	1
12	5300	2.4	202	26	0
13	5300	3	202	29	1
14	5300	1.3	202	27	1
15	5300	3.6	174	25	1
16	5300	1.1	205	27	1
17	5300	2.8	187	26	1
18	5300	2.8	194	24	1
19	5300	2.9	183	24	1
20	5300	1.2	157	24	1
21	5300	2.4	214	29	1
22	5300	1.8	221	23	1
23	5300	3.6	207	25	1
24	5300	3.2	210	28	1
25	5300	1.6	150	23	0
26	5300	1.5	161	24	1
27	5300	4.4	189	27	1
28	5300	3.5	224	23	1
29	5300	1.4	164	26	0
30	5300	2.7	204	25	0
Detection Percentage(%)					76.67%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 2
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-M12-RCC)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	1.5	172	25	1
2	5510	1.2	158	28	1
3	5510	2.4	168	24	0
4	5510	3.6	196	26	1
5	5510	4.3	222	27	1
6	5510	2.7	184	26	0
7	5510	4.7	177	27	1
8	5510	3	174	23	1
9	5510	4.7	194	26	0
10	5510	3.9	151	25	0
11	5510	3.8	230	25	1
12	5510	2.1	187	25	1
13	5510	2.5	220	28	0
14	5510	1.8	181	29	1
15	5510	1.9	203	29	1
16	5510	2.5	222	25	0
17	5510	3.5	170	23	1
18	5510	3.9	221	27	1
19	5510	3.6	207	23	1
20	5510	1.8	218	24	1
21	5510	2	189	29	1
22	5510	1.8	183	29	1
23	5510	3.8	219	25	0
24	5510	1	165	28	1
25	5510	2.8	209	26	0
26	5510	3.4	215	23	0
27	5510	3.4	167	27	1
28	5510	4.4	180	26	1
29	5510	2.5	166	26	0
30	5510	2.4	159	28	1
Detection Percentage(%)					66.67%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 2
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-M12-RCC)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5630	4.2	214	24	1
2	5630	1.4	229	26	1
3	5630	3.8	189	26	1
4	5630	1.9	150	28	0
5	5630	3	225	26	0
6	5630	4.8	169	25	1
7	5630	2.2	191	24	0
8	5630	2	218	25	1
9	5630	2.5	171	24	0
10	5630	4.1	189	27	1
11	5630	4	182	27	1
12	5630	1.5	220	28	1
13	5630	4.3	180	25	0
14	5630	2.9	171	25	1
15	5630	2.3	226	28	1
16	5630	3.6	175	23	1
17	5630	1.2	192	27	1
18	5630	3.1	225	24	1
19	5630	1.6	153	25	0
20	5630	4.6	222	25	1
21	5630	3.2	160	24	0
22	5630	3.9	227	28	1
23	5630	2.3	190	26	1
24	5630	2.3	222	27	0
25	5630	1.2	217	25	1
26	5630	1.9	190	27	0
27	5630	4.1	184	29	1
28	5630	2.2	224	25	1
29	5630	4.5	187	24	1
30	5630	4.6	209	24	0
Detection Percentage(%)					66.67%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 3
 Test Date : 2018/03/16
 Test Mode : Mode 1: Transmit (802.11a) (AWK-3131A-M12-RCC)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5300	9.7	384	17	1
2	5300	7.4	350	18	0
3	5300	6.3	210	18	1
4	5300	7.8	471	17	1
5	5300	6.3	495	16	1
6	5300	8.1	471	16	1
7	5300	6.4	313	17	0
8	5300	8.3	300	18	1
9	5300	9.7	458	16	1
10	5300	8.8	258	17	1
11	5300	7.3	294	16	1
12	5300	8.6	452	17	1
13	5300	8.3	233	16	1
14	5300	6.2	338	17	1
15	5300	9.8	445	16	1
16	5300	7.2	379	18	1
17	5300	6.2	339	17	1
18	5300	8.5	460	18	0
19	5300	9.7	294	18	1
20	5300	6	332	17	1
21	5300	8.2	368	17	1
22	5300	6.9	310	17	1
23	5300	8.7	243	17	1
24	5300	7.2	438	18	1
25	5300	6.1	238	16	1
26	5300	7.7	348	17	1
27	5300	9.7	217	17	1
28	5300	8	471	18	1
29	5300	9	441	16	1
30	5300	6.8	335	17	1
Detection Percentage(%)					90%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 3
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-M12-RCC)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	9	404	17	1
2	5510	8.2	492	18	1
3	5510	7.2	378	17	1
4	5510	7.6	287	17	1
5	5510	9	267	17	1
6	5510	6.1	204	17	0
7	5510	9.8	495	17	1
8	5510	7.8	295	16	1
9	5510	9.9	268	16	1
10	5510	8.9	226	18	1
11	5510	7.2	332	17	1
12	5510	8.1	348	16	1
13	5510	7.6	439	17	1
14	5510	8.9	383	17	1
15	5510	9.2	442	18	1
16	5510	7.1	346	17	0
17	5510	8.1	314	16	1
18	5510	7.7	307	16	1
19	5510	9.1	410	18	1
20	5510	6.5	362	17	1
21	5510	6.1	434	17	1
22	5510	7.8	477	18	1
23	5510	8.7	459	16	1
24	5510	7.9	318	16	1
25	5510	6.9	247	17	0
26	5510	9.2	387	17	1
27	5510	7.3	405	17	1
28	5510	7.6	362	17	1
29	5510	6.5	449	16	1
30	5510	6.6	475	17	1
Detection Percentage(%)					90%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 3
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-M12-RCC)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5630	6	495	17	1
2	5630	6	333	16	1
3	5630	8.6	258	18	0
4	5630	8.1	304	17	1
5	5630	9.4	493	16	1
6	5630	7.4	362	17	1
7	5630	6.4	248	17	0
8	5630	8	274	18	1
9	5630	9.4	280	17	0
10	5630	7.3	449	17	1
11	5630	9.4	393	16	1
12	5630	9.3	233	17	1
13	5630	7.6	378	17	1
14	5630	6.8	467	17	1
15	5630	8.9	444	16	1
16	5630	9	345	16	0
17	5630	9	458	17	1
18	5630	7.8	299	17	1
19	5630	8.1	261	18	1
20	5630	6.8	349	17	1
21	5630	7.3	230	18	1
22	5630	9.7	429	16	1
23	5630	9.9	268	17	1
24	5630	7.6	250	17	0
25	5630	6.7	490	16	1
26	5630	7.5	310	16	1
27	5630	8.4	230	17	0
28	5630	6.8	383	17	1
29	5630	9.6	436	17	1
30	5630	9.4	258	17	1
Detection Percentage(%)					80%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 4
 Test Date : 2018/03/16
 Test Mode : Mode 1: Transmit (802.11a) (AWK-3131A-M12-RCC)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5300	16.9	413	12	1
2	5300	15.6	485	13	0
3	5300	19.5	385	15	1
4	5300	17.7	444	14	1
5	5300	16.7	483	14	1
6	5300	19.4	203	14	1
7	5300	12.7	462	12	0
8	5300	15.3	402	16	1
9	5300	12.2	300	16	1
10	5300	14.6	302	15	1
11	5300	15	488	14	1
12	5300	15.9	284	14	0
13	5300	12.6	416	13	0
14	5300	16.9	284	14	0
15	5300	19.8	492	15	1
16	5300	18.8	496	16	1
17	5300	19.5	299	15	1
18	5300	11.3	241	14	1
19	5300	11.9	465	15	0
20	5300	13.9	290	12	1
21	5300	15.8	402	14	1
22	5300	15.5	499	12	1
23	5300	16.5	341	13	1
24	5300	12.5	296	14	1
25	5300	14.8	417	14	0
26	5300	19.9	333	14	1
27	5300	19	498	16	1
28	5300	13.2	279	13	1
29	5300	19.6	241	14	1
30	5300	14.6	207	16	1
Detection Percentage(%)					76.67%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 4
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-M12-RCC)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	17.3	418	12	1
2	5510	15.8	478	13	0
3	5510	12	365	16	1
4	5510	12.9	455	14	1
5	5510	18.4	333	14	1
6	5510	16.4	226	15	1
7	5510	17.4	290	15	0
8	5510	17.4	425	15	1
9	5510	18.3	484	14	0
10	5510	18.5	394	14	1
11	5510	19.7	378	15	1
12	5510	11.4	342	13	1
13	5510	14.5	405	15	1
14	5510	14.2	382	14	1
15	5510	18	245	14	1
16	5510	12.8	225	14	1
17	5510	15.9	448	13	1
18	5510	19.2	285	13	0
19	5510	13.7	257	13	1
20	5510	15	212	14	0
21	5510	15.9	312	14	0
22	5510	13.3	351	13	1
23	5510	15.4	215	13	1
24	5510	18.4	259	14	1
25	5510	19.9	404	16	1
26	5510	13.5	308	15	0
27	5510	19.7	266	16	1
28	5510	16.2	460	15	1
29	5510	12	227	15	1
30	5510	12.7	212	14	1
Detection Percentage (%)					76.67%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 4
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-M12-RCC)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5630	16.3	344	14	0
2	5630	14.7	288	14	1
3	5630	19.1	427	13	1
4	5630	16.2	308	13	0
5	5630	19.4	211	15	1
6	5630	12.7	372	12	1
7	5630	15.1	395	15	0
8	5630	14.3	449	16	1
9	5630	14.4	487	15	1
10	5630	12.5	333	15	1
11	5630	12.4	374	16	1
12	5630	17.6	381	12	1
13	5630	13.2	463	14	1
14	5630	19.9	259	13	0
15	5630	18.7	487	12	1
16	5630	15.4	325	13	1
17	5630	18.9	363	13	1
18	5630	18.8	349	12	1
19	5630	18.7	255	13	1
20	5630	12.2	362	12	1
21	5630	13	208	14	1
22	5630	19.9	475	13	1
23	5630	12.7	292	12	1
24	5630	17.4	266	12	1
25	5630	20	462	14	1
26	5630	18.4	364	12	0
27	5630	12.3	469	13	0
28	5630	13.9	310	16	1
29	5630	11	481	16	1
30	5630	14.9	272	14	1
Detection Percentage (%)					80%

AWK-3131A-M12-RCC

Model –802.11a

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	83.33	>60%	Pass
2	76.67	>60%	Pass
3	90.00	>60%	Pass
4	76.67	>60%	Pass
Total Type 1~4	81.67	>80%	Pass
5	80.00	>80%	Pass
6	86.67	>70%	Pass

Mode2 –802.11n40

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	93.33	>60%	Pass
2	66.67	>60%	Pass
3	90.00	>60%	Pass
4	76.67	>60%	Pass
Total Type 1~4	81.67	>80%	Pass
5	90.00	>80%	Pass
6	90.00	>70%	Pass

Mode2 –802.11n40

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	96.67	>60%	Pass
2	66.67	>60%	Pass
3	80.00	>60%	Pass
4	80.00	>60%	Pass
Total Type 1~4	80.83	>80%	Pass
5	83.33	>80%	Pass
6	86.67	>70%	Pass

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 5
 Test Date : 2018/03/16
 Test Mode : Mode 1: Transmit (802.11a) (AWK-3131A-M12-RCC)

Center Freq: 5300MHz			Low Edge: 5291MHz		High Edge: 5309MHz	
Trial #	Chirp	Offset	VSG Frequency (MHz)	*Filename	1= Detection 0= No Detection	
1	19	7.6	5300	Statistical Check RandParm For Radar Type 5 1 trail	1	
2	20	8	5300	Statistical Check RandParm For Radar Type 5 2 trail	1	
3	14	5.6	5300	Statistical Check RandParm For Radar Type 5 3 trail	1	
4	19	7.6	5300	Statistical Check RandParm For Radar Type 5 4 trail	1	
5	19	7.6	5300	Statistical Check RandParm For Radar Type 5 5 trail	1	
6	19	7.6	5300	Statistical Check RandParm For Radar Type 5 6 trail	1	
7	12	4.8	5300	Statistical Check RandParm For Radar Type 5 7 trail	1	
8	12	4.8	5300	Statistical Check RandParm For Radar Type 5 8 trail	1	
9	10	4	5300	Statistical Check RandParm For Radar Type 5 9 trail	1	
10	19	7.6	5300	Statistical Check RandParm For Radar Type 5 10 trail	1	
11	17	6.8	5297.8	Statistical Check RandParm For Radar Type 5 11 trail	1	
12	6	2.4	5293.4	Statistical Check RandParm For Radar Type 5 12 trail	1	
13	20	8	5299	Statistical Check RandParm For Radar Type 5 13 trail	0	
14	12	4.8	5295.8	Statistical Check RandParm For Radar Type 5 14 trail	0	
15	20	8	5299	Statistical Check RandParm For Radar Type 5 15 trail	1	
16	15	6	5297	Statistical Check RandParm For Radar Type 5 16 trail	1	
17	17	6.8	5297.8	Statistical Check RandParm For Radar Type 5 17 trail	1	
18	7	2.8	5293.8	Statistical Check RandParm For Radar Type 5 18 trail	0	
19	8	3.2	5294.2	Statistical Check RandParm For Radar Type 5 19 trail	0	
20	8	3.2	5294.2	Statistical Check RandParm For Radar Type 5 20 trail	0	
21	6	2.4	5306.6	Statistical Check RandParm For Radar Type 5 21 trail	1	
22	12	4.8	5304.2	Statistical Check RandParm For Radar Type 5 22 trail	1	
23	6	2.4	5306.6	Statistical Check RandParm For Radar Type 5 23 trail	1	
24	13	5.2	5303.8	Statistical Check RandParm For Radar Type 5 24 trail	1	
25	9	3.6	5305.4	Statistical Check RandParm For Radar Type 5 25 trail	0	
26	12	4.8	5304.2	Statistical Check RandParm For Radar Type 5 26 trail	1	
27	11	4.4	5304.6	Statistical Check RandParm For Radar Type 5 27 trail	1	
28	19	7.6	5301.4	Statistical Check RandParm For Radar Type 5 28 trail	1	
29	7	2.8	5306.2	Statistical Check RandParm For Radar Type 5 29 trail	1	
30	16	6.4	5302.6	Statistical Check RandParm For Radar Type 5 30 trail	1	
Detection Percentage (%)					80	
Limit					≥ 80	

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 5
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-M12-RCC)

Center Freq: 5510MHz			Low Edge: 5491MHz		High Edge: 5529MHz	
Trial #	Chirp	Offset	VSG Frequency (MHz)	*Filename	1= Detection 0= No Detection	
1	8	3.2	5510	Statistical Check RandParm For Radar Type 5 1 trail	1	
2	18	7.2	5510	Statistical Check RandParm For Radar Type 5 2 trail	1	
3	18	7.2	5510	Statistical Check RandParm For Radar Type 5 3 trail	1	
4	11	4.4	5510	Statistical Check RandParm For Radar Type 5 4 trail	1	
5	8	3.2	5510	Statistical Check RandParm For Radar Type 5 5 trail	1	
6	11	4.4	5510	Statistical Check RandParm For Radar Type 5 6 trail	1	
7	18	7.2	5510	Statistical Check RandParm For Radar Type 5 7 trail	1	
8	9	3.6	5510	Statistical Check RandParm For Radar Type 5 8 trail	1	
9	12	4.8	5510	Statistical Check RandParm For Radar Type 5 9 trail	1	
10	9	3.6	5510	Statistical Check RandParm For Radar Type 5 10 trail	1	
11	10	4	5495	Statistical Check RandParm For Radar Type 5 11 trail	0	
12	17	6.8	5497.8	Statistical Check RandParm For Radar Type 5 12 trail	0	
13	9	3.6	5494.6	Statistical Check RandParm For Radar Type 5 13 trail	1	
14	6	2.4	5493.4	Statistical Check RandParm For Radar Type 5 14 trail	1	
15	8	3.2	5494.2	Statistical Check RandParm For Radar Type 5 15 trail	1	
16	14	5.6	5496.6	Statistical Check RandParm For Radar Type 5 16 trail	1	
17	12	4.8	5495.8	Statistical Check RandParm For Radar Type 5 17 trail	1	
18	11	4.4	5495.4	Statistical Check RandParm For Radar Type 5 18 trail	1	
19	10	4	5495	Statistical Check RandParm For Radar Type 5 19 trail	0	
20	13	5.2	5496.2	Statistical Check RandParm For Radar Type 5 20 trail	1	
21	16	6.4	5522.6	Statistical Check RandParm For Radar Type 5 21 trail	1	
22	15	6	5523	Statistical Check RandParm For Radar Type 5 22 trail	1	
23	16	6.4	5522.6	Statistical Check RandParm For Radar Type 5 23 trail	1	
24	6	2.4	5526.6	Statistical Check RandParm For Radar Type 5 24 trail	1	
25	12	4.8	5524.2	Statistical Check RandParm For Radar Type 5 25 trail	1	
26	9	3.6	5525.4	Statistical Check RandParm For Radar Type 5 26 trail	1	
27	13	5.2	5523.8	Statistical Check RandParm For Radar Type 5 27 trail	1	
28	13	5.2	5523.8	Statistical Check RandParm For Radar Type 5 28 trail	1	
29	20	8	5521	Statistical Check RandParm For Radar Type 5 29 trail	1	
30	17	6.8	5522.2	Statistical Check RandParm For Radar Type 5 30 trail	1	
Detection Percentage (%)					90	
Limit					≥80	

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 5
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-M12-RCC)

Center Freq: 5630MHz			Low Edge: 5611MHz		High Edge: 5649MHz	
Trial #	Chirp	Offset	VSG Frequency (MHz)	*Filename	1= Detection 0= No Detection	
1	7	2.8	5630	Statistical Check RandParm For Radar Type 5 1 trail	1	
2	8	3.2	5630	Statistical Check RandParm For Radar Type 5 2 trail	1	
3	13	5.2	5630	Statistical Check RandParm For Radar Type 5 3 trail	1	
4	10	4	5630	Statistical Check RandParm For Radar Type 5 4 trail	1	
5	13	5.2	5630	Statistical Check RandParm For Radar Type 5 5 trail	1	
6	11	4.4	5630	Statistical Check RandParm For Radar Type 5 6 trail	1	
7	5	2	5630	Statistical Check RandParm For Radar Type 5 7 trail	0	
8	13	5.2	5630	Statistical Check RandParm For Radar Type 5 8 trail	1	
9	10	4	5630	Statistical Check RandParm For Radar Type 5 9 trail	1	
10	16	6.4	5630	Statistical Check RandParm For Radar Type 5 10 trail	1	
11	15	6	5617	Statistical Check RandParm For Radar Type 5 11 trail	1	
12	9	3.6	5614.6	Statistical Check RandParm For Radar Type 5 12 trail	1	
13	18	7.2	5618.2	Statistical Check RandParm For Radar Type 5 13 trail	0	
14	13	5.2	5616.2	Statistical Check RandParm For Radar Type 5 14 trail	1	
15	7	2.8	5613.8	Statistical Check RandParm For Radar Type 5 15 trail	1	
16	12	4.8	5615.8	Statistical Check RandParm For Radar Type 5 16 trail	1	
17	5	2	5613	Statistical Check RandParm For Radar Type 5 17 trail	0	
18	5	2	5613	Statistical Check RandParm For Radar Type 5 18 trail	1	
19	20	8	5619	Statistical Check RandParm For Radar Type 5 19 trail	1	
20	17	6.8	5617.8	Statistical Check RandParm For Radar Type 5 20 trail	1	
21	7	2.8	5646.2	Statistical Check RandParm For Radar Type 5 21 trail	0	
22	8	3.2	5645.8	Statistical Check RandParm For Radar Type 5 22 trail	0	
23	13	5.2	5643.8	Statistical Check RandParm For Radar Type 5 23 trail	1	
24	7	2.8	5646.2	Statistical Check RandParm For Radar Type 5 24 trail	1	
25	5	2	5647	Statistical Check RandParm For Radar Type 5 25 trail	1	
26	17	6.8	5642.2	Statistical Check RandParm For Radar Type 5 26 trail	1	
27	16	6.4	5642.6	Statistical Check RandParm For Radar Type 5 27 trail	1	
28	5	2	5647	Statistical Check RandParm For Radar Type 5 28 trail	1	
29	8	3.2	5645.8	Statistical Check RandParm For Radar Type 5 29 trail	1	
30	19	7.6	5641.4	Statistical Check RandParm For Radar Type 5 30 trail	1	
Detection Percentage (%)					83.33	
Limit					≥ 80	

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 6
 Test Date : 2018/03/16
 Test Mode : Mode 1: Transmit (802.11a) (AWK-3131A-M12-RCC)

Trial #	Frequency (MHz)	*Filename	1= Detection 0= No Detection
1	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_1_trail	1
2	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_2_trail	1
3	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_3_trail	1
4	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_4_trail	1
5	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_5_trail	1
6	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_6_trail	1
7	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_7_trail	0
8	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_8_trail	1
9	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_9_trail	1
10	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_10_trail	1
11	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_11_trail	1
12	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_12_trail	1
13	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_13_trail	1
14	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_14_trail	1
15	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_15_trail	1
16	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_16_trail	0
17	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_17_trail	1
18	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_18_trail	1
19	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_19_trail	1
20	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_20_trail	1
21	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_21_trail	0
22	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_22_trail	1
23	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_23_trail	1
24	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_24_trail	1
25	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_25_trail	0
26	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_26_trail	1
27	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_27_trail	1
28	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_28_trail	1
29	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_29_trail	1
30	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_30_trail	1
Detection Percentage (%)			86.67
Limit			>70

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 6
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-M12-RCC)

Trial #	Frequency (MHz)	*Filename	1= Detection 0= No Detection
1	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_1_trail	1
2	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_2_trail	1
3	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_3_trail	0
4	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_4_trail	1
5	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_5_trail	1
6	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_6_trail	1
7	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_7_trail	1
8	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_8_trail	1
9	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_9_trail	0
10	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_10_trail	1
11	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_11_trail	1
12	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_12_trail	1
13	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_13_trail	1
14	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_14_trail	1
15	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_15_trail	1
16	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_16_trail	1
17	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_17_trail	0
18	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_18_trail	1
19	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_19_trail	1
20	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_20_trail	1
21	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_21_trail	1
22	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_22_trail	1
23	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_23_trail	1
24	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_24_trail	1
25	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_25_trail	1
26	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_26_trail	1
27	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_27_trail	1
28	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_28_trail	1
29	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_29_trail	1
30	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_30_trail	1
Detection Percentage (%)			90
Limit			>70

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 6
 Test Date : 2018/03/16
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-M12-RCC)

Trial #	Frequency (MHz)	*Filename	1= Detection 0= No Detection
1	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_1_trail	1
2	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_2_trail	1
3	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_3_trail	1
4	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_4_trail	1
5	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_5_trail	1
6	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_6_trail	0
7	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_7_trail	1
8	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_8_trail	0
9	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_9_trail	1
10	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_10_trail	1
11	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_11_trail	1
12	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_12_trail	1
13	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_13_trail	1
14	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_14_trail	1
15	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_15_trail	1
16	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_16_trail	1
17	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_17_trail	0
18	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_18_trail	1
19	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_19_trail	1
20	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_20_trail	1
21	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_21_trail	1
22	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_22_trail	1
23	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_23_trail	1
24	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_24_trail	1
25	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_25_trail	1
26	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_26_trail	1
27	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_27_trail	0
28	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_28_trail	1
29	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_29_trail	1
30	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_30_trail	1
Detection Percentage (%)			86.67
Limit			>70

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 1
 Test Date : 2018/04/23
 Test Mode : Mode 1: Transmit (802.11a) (AWK-3131A-SSC-RTG)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5300	1	598	89	1
2	5300	1	918	58	1
3	5300	1	838	63	1
4	5300	1	818	65	1
5	5300	1	658	81	1
6	5300	1	758	70	1
7	5300	1	538	98	1
8	5300	1	798	67	1
9	5300	1	938	57	1
10	5300	1	618	86	1
11	5300	1	858	62	1
12	5300	1	878	61	1
13	5300	1	678	78	1
14	5300	1	718	74	1
15	5300	1	738	72	1
16	5300	1	855	62	1
17	5300	1	3011	18	1
18	5300	1	1603	33	1
19	5300	1	1766	30	1
20	5300	1	852	62	1
21	5300	1	1251	43	1
22	5300	1	854	62	1
23	5300	1	3051	18	0
24	5300	1	1897	28	1
25	5300	1	827	64	1
26	5300	1	2297	23	1
27	5300	1	1771	30	1
28	5300	1	630	84	1
29	5300	1	1532	35	1
30	5300	1	1131	47	1
Detection Percentage(%)					96.67%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 1
 Test Date : 2018/04/23
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-SSC-RTG)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	1	738	72	1
2	5510	1	638	83	1
3	5510	1	858	62	1
4	5510	1	678	78	1
5	5510	1	758	70	1
6	5510	1	718	74	1
7	5510	1	558	95	1
8	5510	1	598	89	1
9	5510	1	798	67	1
10	5510	1	778	68	1
11	5510	1	938	57	1
12	5510	1	878	61	1
13	5510	1	658	81	1
14	5510	1	518	102	1
15	5510	1	818	65	1
16	5510	1	947	56	1
17	5510	1	2231	24	1
18	5510	1	1708	31	1
19	5510	1	570	93	1
20	5510	1	2497	22	1
21	5510	1	716	74	1
22	5510	1	1713	31	1
23	5510	1	2519	21	1
24	5510	1	1774	30	1
25	5510	1	1379	39	1
26	5510	1	1631	33	1
27	5510	1	1130	47	1
28	5510	1	2021	27	1
29	5510	1	2223	24	1
30	5510	1	1069	50	1
Detection Percentage(%)					100%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 1
 Test Date : 2018/04/23
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-SSC-RTG)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5630	1	638	83	1
2	5630	1	718	74	1
3	5630	1	798	67	1
4	5630	1	598	89	1
5	5630	1	698	76	1
6	5630	1	778	68	0
7	5630	1	538	98	1
8	5630	1	878	61	1
9	5630	1	678	78	1
10	5630	1	938	57	1
11	5630	1	738	72	1
12	5630	1	758	70	1
13	5630	1	818	65	0
14	5630	1	578	92	1
15	5630	1	618	86	1
16	5630	1	1472	36	1
17	5630	1	874	61	1
18	5630	1	1322	40	1
19	5630	1	978	54	1
20	5630	1	3034	18	1
21	5630	1	1755	31	1
22	5630	1	2870	19	1
23	5630	1	3033	18	1
24	5630	1	990	54	1
25	5630	1	2598	21	1
26	5630	1	1087	49	1
27	5630	1	1295	41	1
28	5630	1	2459	22	1
29	5630	1	1504	36	1
30	5630	1	1930	28	1
Detection Percentage(%)					93.33%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 2
 Test Date : 2018/04/23
 Test Mode : Mode 1: Transmit (802.11a) (AWK-3131A-SSC-RTG)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5300	2.1	176	23	1
2	5300	2.2	208	29	1
3	5300	2.2	221	26	0
4	5300	3.8	217	27	1
5	5300	4	159	26	1
6	5300	1.5	182	25	0
7	5300	3.8	167	25	1
8	5300	3.6	192	24	0
9	5300	2.9	195	26	1
10	5300	2.1	184	26	0
11	5300	3.2	183	25	1
12	5300	1.1	230	24	1
13	5300	3.5	205	26	1
14	5300	4.7	199	27	1
15	5300	2.4	190	27	0
16	5300	1.4	189	27	1
17	5300	2.9	162	28	1
18	5300	2.9	175	26	0
19	5300	5	154	26	1
20	5300	1.2	154	28	1
21	5300	3.4	180	24	1
22	5300	2.4	162	23	1
23	5300	4.8	198	28	1
24	5300	1.1	160	26	1
25	5300	4.8	221	24	1
26	5300	1.9	215	24	0
27	5300	2.8	224	28	1
28	5300	2.2	230	28	1
29	5300	3.4	150	24	1
30	5300	4	214	24	1
Detection Percentage(%)					76.67%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 2
 Test Date : 2018/04/23
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-SSC-RTG)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	3	206	28	1
2	5510	1.7	191	26	1
3	5510	3.4	198	28	1
4	5510	3.4	153	27	1
5	5510	1.5	179	23	1
6	5510	1.8	168	27	1
7	5510	4.7	196	26	1
8	5510	2.1	156	25	0
9	5510	2.8	156	27	0
10	5510	1	196	25	0
11	5510	1.8	157	24	1
12	5510	2.6	230	24	1
13	5510	3.8	153	24	1
14	5510	3.4	212	27	0
15	5510	1.3	193	27	1
16	5510	3.9	214	23	1
17	5510	3.2	179	29	1
18	5510	2.2	213	27	0
19	5510	2.6	158	27	1
20	5510	4.1	188	26	1
21	5510	3	202	26	1
22	5510	1.9	173	24	0
23	5510	1.9	215	23	1
24	5510	5	208	27	0
25	5510	1.3	188	28	1
26	5510	3.8	199	24	0
27	5510	1.4	195	25	0
28	5510	2.8	200	25	1
29	5510	1.2	203	27	0
30	5510	4.7	166	26	0
Detection Percentage(%)					63.33%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 2
 Test Date : 2018/04/23
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-SSC-RTG)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5630	4	212	28	1
2	5630	4	172	23	1
3	5630	4.8	230	27	1
4	5630	1.5	200	26	0
5	5630	2	229	27	1
6	5630	1.9	197	23	1
7	5630	3.4	183	23	1
8	5630	3.3	210	24	0
9	5630	5	156	27	1
10	5630	3.5	193	24	1
11	5630	3.1	220	29	0
12	5630	2.7	206	26	1
13	5630	2.1	175	25	1
14	5630	3.3	199	27	0
15	5630	2.8	160	26	1
16	5630	3.6	180	27	1
17	5630	2.5	222	29	0
18	5630	4.6	205	25	1
19	5630	3.8	216	25	1
20	5630	2	223	27	1
21	5630	3.6	208	27	0
22	5630	4.5	230	25	0
23	5630	3	209	26	1
24	5630	4.4	180	28	1
25	5630	1.3	179	24	1
26	5630	2.1	182	28	1
27	5630	5	193	24	0
28	5630	4.9	190	24	1
29	5630	4.7	167	28	1
30	5630	4.8	195	26	1
Detection Percentage(%)					73.33%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 3
 Test Date : 2018/04/23
 Test Mode : Mode 1: Transmit (802.11a) (AWK-3131A-SSC-RTG)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5300	7.2	296	18	1
2	5300	6.6	337	16	1
3	5300	7.8	284	16	1
4	5300	9.7	492	17	1
5	5300	8.5	354	17	0
6	5300	6	205	18	1
7	5300	7.1	260	17	1
8	5300	8.9	434	17	1
9	5300	6.6	279	17	1
10	5300	7.8	376	18	1
11	5300	9.5	355	18	0
12	5300	9.3	304	17	1
13	5300	7.7	231	17	1
14	5300	7.7	272	17	1
15	5300	8.2	226	18	1
16	5300	8.9	438	18	1
17	5300	6	285	18	0
18	5300	7.9	376	18	1
19	5300	8.3	278	18	0
20	5300	7.5	477	16	1
21	5300	8.7	354	17	1
22	5300	7.6	324	17	1
23	5300	7.3	427	17	1
24	5300	6.2	327	18	1
25	5300	9.6	337	16	1
26	5300	6.7	347	16	0
27	5300	8.5	495	16	1
28	5300	9.3	357	18	1
29	5300	9.5	288	17	1
30	5300	6	378	17	1
Detection Percentage(%)					83.33%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 3
 Test Date : 2018/04/23
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-SSC-RTG)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	6.1	330	16	1
2	5510	7.5	298	16	1
3	5510	7.6	210	17	1
4	5510	8	434	17	1
5	5510	9.5	245	17	0
6	5510	6	421	17	0
7	5510	9.9	287	16	0
8	5510	7.1	261	16	1
9	5510	9.6	358	17	0
10	5510	7.1	349	18	1
11	5510	8.3	475	16	1
12	5510	7.5	451	17	1
13	5510	9.3	454	17	1
14	5510	7.1	355	16	1
15	5510	8.2	319	17	1
16	5510	7.6	225	17	1
17	5510	7.5	272	16	1
18	5510	7.9	409	18	1
19	5510	9.3	274	17	1
20	5510	9.9	316	16	1
21	5510	6.1	339	17	1
22	5510	9.4	229	17	1
23	5510	8.4	446	17	1
24	5510	9	420	18	1
25	5510	8.8	418	17	1
26	5510	6.9	315	17	1
27	5510	7.7	311	17	1
28	5510	7.6	312	17	1
29	5510	8.8	407	18	1
30	5510	6.6	375	17	1
Detection Percentage(%)					86.67%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 3
 Test Date : 2018/04/23
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-SSC-RTG)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5630	7.4	451	18	1
2	5630	8.5	363	16	1
3	5630	9.5	491	18	0
4	5630	6	215	17	1
5	5630	7.4	312	17	1
6	5630	6.8	204	17	1
7	5630	6.7	215	16	1
8	5630	7.2	296	17	1
9	5630	7.1	424	17	1
10	5630	7	204	16	1
11	5630	6	310	18	0
12	5630	8.7	418	17	1
13	5630	9.5	468	16	1
14	5630	7.4	387	17	1
15	5630	7.7	348	18	1
16	5630	6.7	346	18	1
17	5630	6.3	252	17	1
18	5630	7.1	275	16	1
19	5630	9.6	498	17	1
20	5630	8.4	366	18	1
21	5630	9.8	418	17	1
22	5630	8.5	396	17	0
23	5630	10	396	17	1
24	5630	9.3	479	16	1
25	5630	9.5	357	18	1
26	5630	6.9	289	18	1
27	5630	8.1	248	18	1
28	5630	9.3	420	17	1
29	5630	6.7	365	17	0
30	5630	9.5	448	17	1
Detection Percentage(%)					86.67%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 4
 Test Date : 2018/04/23
 Test Mode : Mode 1: Transmit (802.11a) (AWK-3131A-SSC-RTG)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5300	12.6	377	14	1
2	5300	13	421	13	1
3	5300	16.4	347	13	1
4	5300	18.2	339	12	0
5	5300	11.6	320	15	1
6	5300	15	309	16	1
7	5300	17.3	457	13	0
8	5300	15.5	323	16	1
9	5300	11.5	357	14	1
10	5300	14.6	333	15	0
11	5300	14.8	273	12	1
12	5300	13.4	267	15	1
13	5300	17.1	272	13	0
14	5300	15.9	232	15	1
15	5300	17.7	299	14	0
16	5300	17.1	232	15	1
17	5300	12.9	282	15	1
18	5300	17.9	395	16	0
19	5300	17.7	276	12	1
20	5300	14.4	376	14	1
21	5300	11.4	315	15	0
22	5300	13.2	436	13	1
23	5300	14.1	295	16	1
24	5300	16.7	402	12	1
25	5300	16.8	254	13	1
26	5300	13.8	244	15	0
27	5300	13.9	465	14	1
28	5300	19.4	391	15	1
29	5300	14.1	363	13	1
30	5300	15.4	489	13	1
Detection Percentage(%)					73.33%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 4
 Test Date : 2018/04/23
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-SSC-RTG)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5510	17	212	12	1
2	5510	16	392	14	1
3	5510	18.3	496	15	0
4	5510	17.4	266	15	1
5	5510	17.4	241	14	1
6	5510	15.9	414	16	1
7	5510	18.4	224	15	1
8	5510	11.1	336	13	1
9	5510	12.7	381	13	0
10	5510	12.6	498	16	1
11	5510	18	337	15	1
12	5510	17.8	499	14	1
13	5510	17	416	12	1
14	5510	13.2	480	13	1
15	5510	16.8	463	15	0
16	5510	18.2	416	15	1
17	5510	15.8	484	13	1
18	5510	19.6	361	15	1
19	5510	13.5	305	15	1
20	5510	18.1	378	12	1
21	5510	14.7	336	16	0
22	5510	13.1	486	16	1
23	5510	16.5	474	14	1
24	5510	11	449	15	1
25	5510	18.4	417	15	1
26	5510	12.8	416	12	1
27	5510	18.7	231	16	1
28	5510	20	217	15	0
29	5510	11.4	268	15	0
30	5510	12.4	307	13	0
Detection Percentage (%)					76.67%

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 4
 Test Date : 2018/04/23
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-SSC-RTG)

Trial #	Frequency (MHz)	Pulse Width (us)	PRI (us)	Pulses/Burs	1= Detection 0= No Detection
1	5630	12.7	372	16	1
2	5630	18.9	308	14	1
3	5630	16.4	290	14	1
4	5630	12.6	469	15	0
5	5630	12.5	237	15	1
6	5630	18.4	226	12	1
7	5630	17	299	15	1
8	5630	19.9	381	12	1
9	5630	17.3	222	15	1
10	5630	16.1	342	15	0
11	5630	13.6	328	14	1
12	5630	15.5	380	12	1
13	5630	20	253	13	1
14	5630	14.9	330	13	0
15	5630	18.2	303	16	1
16	5630	18.2	446	14	1
17	5630	16.7	360	12	0
18	5630	13.9	417	13	1
19	5630	14.7	314	15	1
20	5630	16.6	305	15	0
21	5630	13.6	232	14	1
22	5630	17.1	324	14	1
23	5630	12.2	467	16	1
24	5630	19.9	385	13	1
25	5630	16.9	355	12	1
26	5630	15	463	13	1
27	5630	15.2	441	16	1
28	5630	15	341	13	0
29	5630	12.1	308	15	1
30	5630	18.6	494	16	1
Detection Percentage (%)					80%

AWK-3131A-SSC-RTG

Model –802.11a

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	96.67	>60%	Pass
2	76.67	>60%	Pass
3	83.33	>60%	Pass
4	73.33	>60%	Pass
Total Type 1~4	82.50	>80%	Pass
5	83.33	>80%	Pass
6	86.67	>70%	Pass

Mode2 –802.11n40

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	100.00	>60%	Pass
2	63.33	>60%	Pass
3	86.67	>60%	Pass
4	76.67	>60%	Pass
Total Type 1~4	81.67	>80%	Pass
5	93.33	>80%	Pass
6	90.00	>70%	Pass

Mode2 –802.11n40

Total Type 1~4 Radar Statistical Performance			
Radar Type	Detection Percentage (%)	Limit (%)	Result
1	93.33	>60%	Pass
2	73.33	>60%	Pass
3	86.67	>60%	Pass
4	80.00	>60%	Pass
Total Type 1~4	83.33	>80%	Pass
5	80.00	>80%	Pass
6	90.00	>70%	Pass

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 5
 Test Date : 2018/04/23
 Test Mode : Mode 1: Transmit (802.11a) (AWK-3131A-SSC-RTG)

Center Freq: 5300MHz			Low Edge: 5292MHz		High Edge: 5309MHz	
Trial #	Chirp	Offset	VSG Frequency (MHz)	*Filename	1= Detection 0= No Detection	
1	13	5.2	5300	Statistical Check RandParm For Radar Type 5 1 trail	1	
2	14	5.6	5300	Statistical Check RandParm For Radar Type 5 2 trail	1	
3	13	5.2	5300	Statistical Check RandParm For Radar Type 5 3 trail	1	
4	15	6	5300	Statistical Check RandParm For Radar Type 5 4 trail	0	
5	20	8	5300	Statistical Check RandParm For Radar Type 5 5 trail	1	
6	13	5.2	5300	Statistical Check RandParm For Radar Type 5 6 trail	1	
7	13	5.2	5300	Statistical Check RandParm For Radar Type 5 7 trail	1	
8	8	3.2	5300	Statistical Check RandParm For Radar Type 5 8 trail	1	
9	8	3.2	5300	Statistical Check RandParm For Radar Type 5 9 trail	1	
10	17	6.8	5300	Statistical Check RandParm For Radar Type 5 10 trail	0	
11	12	4.8	5296.8	Statistical Check RandParm For Radar Type 5 11 trail	1	
12	17	6.8	5298.8	Statistical Check RandParm For Radar Type 5 12 trail	1	
13	20	8	5300	Statistical Check RandParm For Radar Type 5 13 trail	1	
14	16	6.4	5298.4	Statistical Check RandParm For Radar Type 5 14 trail	1	
15	19	7.6	5299.6	Statistical Check RandParm For Radar Type 5 15 trail	0	
16	17	6.8	5298.8	Statistical Check RandParm For Radar Type 5 16 trail	1	
17	11	4.4	5296.4	Statistical Check RandParm For Radar Type 5 17 trail	1	
18	12	4.8	5296.8	Statistical Check RandParm For Radar Type 5 18 trail	1	
19	12	4.8	5296.8	Statistical Check RandParm For Radar Type 5 19 trail	0	
20	17	6.8	5298.8	Statistical Check RandParm For Radar Type 5 20 trail	1	
21	18	7.2	5301.8	Statistical Check RandParm For Radar Type 5 21 trail	1	
22	12	4.8	5304.2	Statistical Check RandParm For Radar Type 5 22 trail	1	
23	5	2	5307	Statistical Check RandParm For Radar Type 5 23 trail	1	
24	5	2	5307	Statistical Check RandParm For Radar Type 5 24 trail	1	
25	20	8	5301	Statistical Check RandParm For Radar Type 5 25 trail	1	
26	11	4.4	5304.6	Statistical Check RandParm For Radar Type 5 26 trail	0	
27	16	6.4	5302.6	Statistical Check RandParm For Radar Type 5 27 trail	1	
28	20	8	5301	Statistical Check RandParm For Radar Type 5 28 trail	1	
29	16	6.4	5302.6	Statistical Check RandParm For Radar Type 5 29 trail	1	
30	11	4.4	5304.6	Statistical Check RandParm For Radar Type 5 30 trail	1	
Detection Percentage (%)					83.33	
Limit					≥ 80	

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 5
 Test Date : 2018/04/23
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-SSC-RTG)

Center Freq: 5510MHz			Low Edge: 5491MHz		High Edge: 5529MHz	
Trial #	Chirp	Offset	VSG Frequency (MHz)	*Filename	1= Detection 0= No Detection	
1	7	2.8	5510	Statistical Check RandParm For Radar Type 5 1 trail	1	
2	15	6	5510	Statistical Check RandParm For Radar Type 5 2 trail	1	
3	11	4.4	5510	Statistical Check RandParm For Radar Type 5 3 trail	1	
4	11	4.4	5510	Statistical Check RandParm For Radar Type 5 4 trail	1	
5	11	4.4	5510	Statistical Check RandParm For Radar Type 5 5 trail	1	
6	13	5.2	5510	Statistical Check RandParm For Radar Type 5 6 trail	1	
7	17	6.8	5510	Statistical Check RandParm For Radar Type 5 7 trail	1	
8	14	5.6	5510	Statistical Check RandParm For Radar Type 5 8 trail	1	
9	17	6.8	5510	Statistical Check RandParm For Radar Type 5 9 trail	1	
10	10	4	5510	Statistical Check RandParm For Radar Type 5 10 trail	1	
11	6	2.4	5493.4	Statistical Check RandParm For Radar Type 5 11 trail	1	
12	14	5.6	5496.6	Statistical Check RandParm For Radar Type 5 12 trail	0	
13	19	7.6	5498.6	Statistical Check RandParm For Radar Type 5 13 trail	1	
14	19	7.6	5498.6	Statistical Check RandParm For Radar Type 5 14 trail	1	
15	11	4.4	5495.4	Statistical Check RandParm For Radar Type 5 15 trail	0	
16	8	3.2	5494.2	Statistical Check RandParm For Radar Type 5 16 trail	1	
17	15	6	5497	Statistical Check RandParm For Radar Type 5 17 trail	1	
18	20	8	5499	Statistical Check RandParm For Radar Type 5 18 trail	1	
19	5	2	5493	Statistical Check RandParm For Radar Type 5 19 trail	1	
20	17	6.8	5497.8	Statistical Check RandParm For Radar Type 5 20 trail	1	
21	13	5.2	5523.8	Statistical Check RandParm For Radar Type 5 21 trail	1	
22	19	7.6	5521.4	Statistical Check RandParm For Radar Type 5 22 trail	1	
23	7	2.8	5526.2	Statistical Check RandParm For Radar Type 5 23 trail	1	
24	14	5.6	5523.4	Statistical Check RandParm For Radar Type 5 24 trail	1	
25	16	6.4	5522.6	Statistical Check RandParm For Radar Type 5 25 trail	1	
26	18	7.2	5521.8	Statistical Check RandParm For Radar Type 5 26 trail	1	
27	13	5.2	5523.8	Statistical Check RandParm For Radar Type 5 27 trail	1	
28	8	3.2	5525.8	Statistical Check RandParm For Radar Type 5 28 trail	1	
29	7	2.8	5526.2	Statistical Check RandParm For Radar Type 5 29 trail	1	
30	6	2.4	5526.6	Statistical Check RandParm For Radar Type 5 30 trail	1	
Detection Percentage (%)					93.33	
Limit					≥80	

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 5
 Test Date : 2018/04/23
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-SSC-RTG)

Center Freq: 5630MHz			Low Edge: 5611MHz		High Edge: 5649MHz	
Trial #	Chirp	Offset	VSG Frequency (MHz)	*Filename	1= Detection 0= No Detection	
1	13	5.2	5630	Statistical Check RandParm For Radar Type 5 1 trail	1	
2	19	7.6	5630	Statistical Check RandParm For Radar Type 5 2 trail	1	
3	10	4	5630	Statistical Check RandParm For Radar Type 5 3 trail	1	
4	9	3.6	5630	Statistical Check RandParm For Radar Type 5 4 trail	1	
5	12	4.8	5630	Statistical Check RandParm For Radar Type 5 5 trail	1	
6	11	4.4	5630	Statistical Check RandParm For Radar Type 5 6 trail	1	
7	15	6	5630	Statistical Check RandParm For Radar Type 5 7 trail	1	
8	13	5.2	5630	Statistical Check RandParm For Radar Type 5 8 trail	1	
9	8	3.2	5630	Statistical Check RandParm For Radar Type 5 9 trail	0	
10	19	7.6	5630	Statistical Check RandParm For Radar Type 5 10 trail	1	
11	17	6.8	5617.8	Statistical Check RandParm For Radar Type 5 11 trail	1	
12	9	3.6	5614.6	Statistical Check RandParm For Radar Type 5 12 trail	0	
13	17	6.8	5617.8	Statistical Check RandParm For Radar Type 5 13 trail	1	
14	14	5.6	5616.6	Statistical Check RandParm For Radar Type 5 14 trail	1	
15	7	2.8	5613.8	Statistical Check RandParm For Radar Type 5 15 trail	0	
16	12	4.8	5615.8	Statistical Check RandParm For Radar Type 5 16 trail	1	
17	6	2.4	5613.4	Statistical Check RandParm For Radar Type 5 17 trail	1	
18	19	7.6	5618.6	Statistical Check RandParm For Radar Type 5 18 trail	1	
19	9	3.6	5614.6	Statistical Check RandParm For Radar Type 5 19 trail	1	
20	17	6.8	5617.8	Statistical Check RandParm For Radar Type 5 20 trail	1	
21	20	8	5641	Statistical Check RandParm For Radar Type 5 21 trail	0	
22	17	6.8	5642.2	Statistical Check RandParm For Radar Type 5 22 trail	1	
23	17	6.8	5642.2	Statistical Check RandParm For Radar Type 5 23 trail	1	
24	16	6.4	5642.6	Statistical Check RandParm For Radar Type 5 24 trail	1	
25	15	6	5643	Statistical Check RandParm For Radar Type 5 25 trail	1	
26	14	5.6	5643.4	Statistical Check RandParm For Radar Type 5 26 trail	0	
27	6	2.4	5646.6	Statistical Check RandParm For Radar Type 5 27 trail	1	
28	11	4.4	5644.6	Statistical Check RandParm For Radar Type 5 28 trail	0	
29	17	6.8	5642.2	Statistical Check RandParm For Radar Type 5 29 trail	1	
30	11	4.4	5644.6	Statistical Check RandParm For Radar Type 5 30 trail	1	
Detection Percentage (%)					80	
Limit					≥ 80	

TYPE 5 PARAMETER SHEET Rohde & Schwarz Pulse Sequencer

Rohde & Schwarz
Pulse Sequencer

Trial Number : 1

Bursts in Trial: 8

[illegible]

--

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 2

Bursts in Trial: 9

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	81.3	20	1276		722.99
2	1	73.1	20			1322.487
3	2	95.4	20	1163		1117.463
4	3	60	20	1862	1149	190.62
5	2	85.5	20	1807		1081.957
6	2	62.3	20	1633		432.863
7	1	93.6	20			564.43
8	1	61.6	20			311.007
9	3	50.1	20	1193	1980	351.933

TYPE 5 PARAMETER SHEET Rohde & Schwarz Pulse Sequencer

Rohde & Schwarz
Pulse Sequencer

Trial Number : 3

Bursts in Trial: 8

[illegible]

--

TYPE 5 PARAMETER SHEET Rohde & Schwarz Pulse Sequencer

Rohde & Schwarz
Pulse Sequencer

Trial Number : 4

Bursts in Trial: 10

[illegible]

--

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 5

Bursts in Trial: 10

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	75.3	19	1575		1041.58
2	2	57.2	19	1668		186.55
3	1	93	19			626.49
4	2	78.3	19	1737		1161.68
5	2	87	19	1787		6.28
6	1	52.4	19			1085.4
7	2	59.8	19	1090		51.1
8	2	68.6	19	1330		1099.68
9	2	51.5	19	1828		685.9
10	2	51	19	1870		240.1

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 6

Bursts in Trial: 14

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	72.2	19	1734		643.017
2	3	71	19	1219	1829	743.757
3	2	59.7	19	1728		386.464
4	2	73.2	19	1781		653.781
5	2	63.6	19	1653		728.289
6	1	83.4	19			770.906
7	3	64.3	19	1444	1596	635.743
8	3	67.7	19	1594	1436	776.34
9	3	79.6	19	1709	1666	790.947
10	1	74.7	19			416.304
11	1	88.4	19			41.761
12	3	95.2	19	1109	1768	392.339
13	1	60.7	19			655.386
14	1	57.4	19			635.843

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 7

Bursts in Trial: 10

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	60.2	12	1614		601.475
2	2	61.6	12	1230		1162.66
3	1	63.4	12			737.89
4	2	87.7	12	1602		418.61
5	3	90.1	12	1799	1374	745.19
6	2	97.1	12	1513		957.95
7	3	88	12	1269	1789	45.03
8	2	54.5	12	1948		1138.32
9	2	68.2	12	1468		1134.3
10	2	60.5	12	1045		1120.5

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 8

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	3	90.1	12	1628	1668	560.465
2	2	96.2	12	1445		257.281
3	2	96.7	12	1734		278.507
4	3	78.3	12	1182	1162	394.17
5	2	97.8	12	1654		438.193
6	3	52.9	12	1048	1046	518.947
7	2	58.5	12	1251		101.59
8	1	71.2	12			527.983
9	2	69.1	12	1582		145.437
10	3	54.8	12	1764	1063	606.81
11	2	86.3	12	1035		353.013
12	3	65.9	12	1914	1439	129.267
13	1	68.7	12			306.36
14	1	77.1	12			116.173
15	1	72.4	12			167.897
16	1	67	12			646
17	1	95.7	12			188.033
18	2	52.7	12	1780		59.467

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 9

Bursts in Trial: 19

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	78.8	10	1482	1957	603.902
2	3	95.6	10	1297	1757	19.976
3	2	57	10	1413		435.202
4	3	72.8	10	1583	1861	577.713
5	1	50.3	10			525.134
6	3	99	10	1467	1500	574.965
7	3	80.2	10	1218	1289	349.696
8	3	90.2	10	1213	1892	160.547
9	2	59.1	10	1991		81.118
10	2	89	10	1691		385.839
11	1	68.7	10			159.181
12	1	99.9	10			315.172
13	3	61.9	10	1218	1068	216.393
14	3	67.7	10	1749	1148	41.224
15	1	59.6	10			528.035
16	2	66	10	1317		58.296
17	1	85.8	10			489.637
18	1	99.6	10			40.558
19	2	60	10	1841		451.779

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 10

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	58.2	19	1187		644.737
2	3	54.4	19	1074	1687	964.201
3	2	72.6	19	1133		621.232
4	2	63.3	19	1250		853.763
5	2	95.2	19	1687		979.544
6	2	85.4	19	1817		603.925
7	1	97.3	19			14.975
8	3	57.3	19	1237	1113	251.326
9	2	82.6	19	1185		482.567
10	2	67	19	1659		273.118
11	1	63.6	19			862.009

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 11

Bursts in Trial: 15

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	95.2	17			127.274
2	1	76.5	17			636.35
3	2	84.7	17	1568		569.34
4	1	55.5	17			620.33
5	2	79.2	17	1416		537.4
6	1	58.3	17			634.59
7	2	67.1	17	1784		259.49
8	2	71.2	17	1589		511.4
9	1	55.3	17			701.83
10	2	73.1	17	1626		232.14
11	2	63.3	17	1737		485.64
12	2	88	17	1280		269.87
13	2	100	17	1107		181.7
14	2	51.5	17	1187		333.9
15	2	55.7	17	1369		302.5

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 12

Bursts in Trial: 10

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	79.3	6			1106.38
2	2	60.6	6	1290		155.21
3	3	73.8	6	1088	1368	275.46
4	2	74.7	6	1732		691.71
5	2	98.3	6	1142		143.25
6	1	77.5	6			69.26
7	3	93.3	6	1779	1057	744.42
8	2	66.5	6	1027		339.21
9	1	59.4	6			13.7
10	3	71.5	6	1246	1881	764

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 13

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	93	20	1677		718.916
2	2	77.4	20	1196		960.661
3	1	52.3	20			353.942
4	2	78.3	20	1244		518.283
5	3	97.2	20	1006	1411	472.924
6	1	50.3	20			623.685
7	3	59	20	1266	1046	665.415
8	2	79.7	20	1588		691.966
9	1	61	20			232.027
10	2	62.9	20	1527		958.018
11	3	76.4	20	1323	1253	873.109

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 14

Bursts in Trial: 13

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	1	97.1	12			542.054
2	2	50.9	12	1446		876.323
3	2	97.6	12	1964		129.026
4	2	56.4	12	1137		639.289
5	2	96.9	12	1299		462.012
6	1	88.9	12			437.025
7	3	81	12	1118	1985	575.868
8	1	62.9	12			164.572
9	2	68.7	12	1918		17.535
10	3	75.7	12	1733	1969	494.628
11	1	75.3	12			148.361
12	1	54.3	12			666.654
13	3	82.2	12	1090	1523	89.077

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 15

Bursts in Trial: 12

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	58.6	20			269.483
2	1	78.6	20			131.52
3	3	57.1	20	1820	1826	828.08
4	2	81.3	20	1657		179.07
5	2	59.5	20	1080		110.46
6	2	64.4	20	1457		304.55
7	2	68.5	20	1336		115.33
8	3	85.2	20	1542	1131	57.32
9	1	60.5	20			519.72
10	3	85.6	20	1603	1822	288.8
11	3	62.5	20	1772	1064	978.3
12	1	64.5	20			490.8

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 16

Bursts in Trial: 14

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	3	90.2	15	1677	1233	783.557
2	2	99.7	15	1543		184.937
3	3	55.1	15	1258	1234	442.584
4	2	62.5	15	1638		724.761
5	1	60.5	15			504.469
6	3	92.3	15	1271	1699	749.836
7	1	80.5	15			137.353
8	3	68.8	15	1905	1779	113.47
9	2	62.5	15	1737		308.707
10	2	51.5	15	1869		818.154
11	1	62.2	15			433.961
12	3	87.4	15	1566	1363	353.229
13	2	62.5	15	1942		98.686
14	2	50.6	15	1429		645.943

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 17

Bursts in Trial: 12

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	56.9	17	1082	1559	550.86
2	1	83.2	17			515.48
3	2	50.8	17	1728		136.77
4	2	97.4	17	1002		311.86
5	2	77.6	17	1091		214.73
6	2	82.8	17	1650		307.63
7	2	73.5	17	1424		251.25
8	3	67.1	17	1309	1667	677.43
9	2	57.2	17	1073		553.73
10	2	77	17	1565		592.13
11	3	61.5	17	1659	1170	198.9
12	2	50.6	17	1705		587.4

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 18

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	71.7	7	1111	1012	365.075
2	2	60.5	7	1879		822.251
3	2	77.5	7	1256		966.562
4	2	89.6	7	1059		728.163
5	2	95.1	7	1477		37.654
6	1	55.9	7			242.035
7	2	73.8	7	1932		899.175
8	3	66	7	1405	1302	246.576
9	3	60.9	7	1083	1252	190.397
10	1	84.3	7			272.818
11	2	72.8	7	1661		414.309

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 19

Bursts in Trial: 10

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	86.8	8	1812		303.001
2	1	89.7	8			687.18
3	2	58.6	8	1445		1102.56
4	1	89.5	8			421.86
5	2	86.1	8	1117		1180.38
6	2	63.9	8	1013		839.2
7	2	91.3	8	1663		583.37
8	2	68.8	8	1540		692.17
9	2	71.5	8	1896		142.33
10	2	68.6	8	1531		1015.2

TYPE 5 PARAMETER SHEET	Rohde & Schwarz Pulse Sequencer
------------------------	------------------------------------

Rohde & Schwarz
Pulse Sequencer

Trial Number : 20

Bursts in Trial: 8

[illegible]

--

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 21

Bursts in Trial: 16

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	53.3	6	1487		392.454
2	3	67.9	6	1599	1715	283.69
3	3	58.4	6	1436	1000	267.54
4	2	96.2	6	1849		542.35
5	2	74.4	6	1560		565.96
6	2	87.6	6	1084		63.79
7	3	77.8	6	1666	1782	94.02
8	3	60.4	6	1031	1328	214.97
9	3	55.9	6	1696	1665	492.4
10	2	54.6	6	1194		170.75
11	2	89.9	6	1080		490.65
12	3	52.8	6	1368	1102	342.27
13	2	87.1	6	1500		344.54
14	2	68.7	6	1900		575.3
15	1	68.3	6			283.6
16	3	70.3	6	1821	1498	634.7

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 22

Bursts in Trial: 15

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	87.5	12	1643		71.834
2	3	62.5	12	1429	1234	361.76
3	2	91.3	12	1943		356.22
4	2	67.9	12	1595		32.15
5	2	70.7	12	1871		5.62
6	1	86.5	12			771.99
7	2	54.8	12	1236		13.19
8	3	58.4	12	1122	1709	747.16
9	2	80.8	12	1874		706.85
10	3	67.1	12	1273	1063	268.66
11	2	64.8	12	1713		155.29
12	2	65	12	1691		294.05
13	2	97.3	12	1358		302.73
14	3	62.3	12	1207	1440	706.2
15	2	83.3	12	1257		585.1

TYPE 5 PARAMETER SHEET Rohde & Schwarz Pulse Sequencer

Rohde & Schwarz
Pulse Sequencer

Trial Number : 23

Bursts in Trial: 10

[illegible]

--

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 24

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	91.6	13	1347		225.387
2	1	72.6	13			225.155
3	3	75.7	13	1695	1449	298.597
4	3	68.9	13	1681	1304	498.16
5	2	53.3	13	1649		93.533
6	3	61.7	13	1101	1964	352.177
7	2	95.8	13	1520		201.24
8	1	58.9	13			85.843
9	3	84.5	13	1095	1269	215.227
10	2	66.2	13	1523		650.64
11	2	85.5	13	1210		394.113
12	1	90.6	13			551.747
13	3	77.4	13	1388	1618	334.35
14	2	88.5	13	1857		70.333
15	2	66.2	13	1085		619.257
16	2	91.1	13	1264		197.3
17	2	71.8	13	1141		136.333
18	2	59.2	13	1770		66.267

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 25

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	74.3	9	1481	1081	396.378
2	2	77.7	9	1367		152.691
3	2	82.1	9	1599		987.142
4	1	63	9			828.073
5	1	87.4	9			398.914
6	1	89.3	9			850.445
7	2	91.2	9	1834		151.795
8	2	82.8	9	1855		1028.966
9	2	86.4	9	1713		936.257
10	1	58.8	9			13.628
11	3	57	9	1245	1065	548.109

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 26

Bursts in Trial: 17

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	74.6	12			163.269
2	2	72.1	12	1787		594.498
3	3	86.8	12	1321	1294	275.445
4	2	83.5	12	1314		573.713
5	2	96.8	12	1472		78.751
6	2	67.1	12	1094		655.988
7	2	56.3	12	1715		447.206
8	1	82.1	12			4.334
9	2	80.4	12	2000		237.551
10	2	67.1	12	1321		494.159
11	2	74.7	12	1416		421.786
12	2	87.1	12	1951		278.644
13	2	89.3	12	1274		646.642
14	3	93	12	1853	1843	519.229
15	1	99.6	12			28.927
16	1	61.5	12			99.865
17	2	77.8	12	1571		191.782

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 27

Bursts in Trial: 12

Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	96.3	11	1204		168.051
2	3	53	11	1661	1827	460.06
3	2	96	11	1148		842
4	2	73.1	11	1030		706.42
5	1	98.1	11			615.38
6	3	76	11	1340	1065	900.63
7	1	97.2	11			342.78
8	2	56.4	11	1121		571.93
9	2	61.1	11	1572		763.86
10	2	75.8	11	1640		756.67
11	2	60.8	11	1637		147.3
12	1	93.1	11			349

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 28

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	75.9	19			500.23
2	2	80.8	19	1253		533.031
3	2	71.9	19	1618		329.772
4	1	55.2	19			810.013
5	1	72.4	19			164.404
6	2	64	19	1089		832.245
7	1	54.8	19			567.355
8	1	76.4	19			788.236
9	3	77	19	1017	1781	619.157
10	3	54.8	19	1857	1344	93.268
11	2	78.1	19	1551		763.909

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 29

Bursts in Trial: 18

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	55.1	7	1486		427.574
2	2	54.4	7	1363		420.333
3	1	55.1	7			542.477
4	2	59.3	7	1271		461.32
5	2	74.6	7	1263		160.343
6	3	52.1	7	1084	1623	500.167
7	2	65.2	7	1652		580.84
8	2	72.8	7	1791		10.243
9	3	90.7	7	1100	1787	615.867
10	2	55.8	7	1852		490.41
11	3	64.6	7	1400	1334	348.663
12	1	54.3	7			27.247
13	2	83.1	7	1014		165.54
14	2	77.3	7	1221		450.883
15	1	64	7			438.967
16	2	80	7	1391		448.9
17	1	73.4	7			8.633
18	2	90.7	7	1154		544.167

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 30

Bursts in Trial: 11

Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	52.1	16			46.696
2	3	88.6	16	1343	1433	478.721
3	2	75.4	16	1358		193.402
4	1	93.3	16			779.843
5	1	71.8	16			661.304
6	2	53.9	16	1480		804.425
7	2	62.1	16	1438		307.505
8	2	61.3	16	1139		781.656
9	2	88.2	16	1961		754.777
10	2	75.8	16	1286		440.318
11	2	66.6	16	1421		1007.509

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 6
 Test Date : 2018/04/23
 Test Mode : Mode 1: Transmit (802.11a) (AWK-3131A-SSC-RTG)

Trial #	Frequency (MHz)	*Filename	1= Detection 0= No Detection
1	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_1_trail	0
2	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_2_trail	1
3	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_3_trail	1
4	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_4_trail	1
5	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_5_trail	1
6	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_6_trail	1
7	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_7_trail	1
8	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_8_trail	1
9	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_9_trail	0
10	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_10_trail	1
11	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_11_trail	1
12	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_12_trail	1
13	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_13_trail	1
14	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_14_trail	1
15	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_15_trail	1
16	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_16_trail	1
17	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_17_trail	1
18	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_18_trail	1
19	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_19_trail	1
20	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_20_trail	1
21	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_21_trail	0
22	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_22_trail	1
23	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_23_trail	1
24	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_24_trail	1
25	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_25_trail	1
26	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_26_trail	1
27	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_27_trail	0
28	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_28_trail	1
29	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_29_trail	1
30	5300	Statistical_Check_Hopping Frequency List_For_Radar_Type_6_30_trail	1
Detection Percentage (%)			86.67
Limit			>70

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 6
 Test Date : 2018/04/23
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-SSC-RTG)

Trial #	Frequency (MHz)	*Filename	1= Detection 0= No Detection
1	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_1_trail	1
2	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_2_trail	1
3	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_3_trail	1
4	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_4_trail	1
5	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_5_trail	0
6	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_6_trail	1
7	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_7_trail	1
8	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_8_trail	1
9	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_9_trail	1
10	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_10_trail	0
11	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_11_trail	1
12	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_12_trail	1
13	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_13_trail	1
14	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_14_trail	1
15	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_15_trail	1
16	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_16_trail	1
17	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_17_trail	1
18	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_18_trail	1
19	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_19_trail	1
20	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_20_trail	0
21	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_21_trail	1
22	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_22_trail	1
23	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_23_trail	1
24	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_24_trail	1
25	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_25_trail	1
26	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_26_trail	1
27	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_27_trail	1
28	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_28_trail	1
29	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_29_trail	1
30	5510	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_30_trail	1
Detection Percentage (%)			90
Limit			>70

Product : MOXA IEEE 802.11 a/b/g/n
 Test Item : Statistical Performance Check
 Radar Type : Type 6
 Test Date : 2018/04/23
 Test Mode : Mode 2: Transmit (802.11n-40BW) (AWK-3131A-SSC-RTG)

Trial #	Frequency (MHz)	*Filename	1= Detection 0= No Detection
1	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_1_trail	1
2	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_2_trail	1
3	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_3_trail	1
4	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_4_trail	1
5	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_5_trail	1
6	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_6_trail	0
7	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_7_trail	1
8	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_8_trail	1
9	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_9_trail	1
10	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_10_trail	1
11	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_11_trail	1
12	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_12_trail	0
13	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_13_trail	1
14	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_14_trail	1
15	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_15_trail	1
16	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_16_trail	1
17	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_17_trail	1
18	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_18_trail	1
19	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_19_trail	1
20	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_20_trail	1
21	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_21_trail	1
22	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_22_trail	1
23	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_23_trail	1
24	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_24_trail	0
25	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_25_trail	1
26	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_26_trail	1
27	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_27_trail	1
28	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_28_trail	1
29	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_29_trail	1
30	5630	Statistical_Check_Hopping_Frequency_List_For_Radar_Type_6_30_trail	1
Detection Percentage (%)			90
Limit			>70

TYPE 6 PARAMETER SHEET

Trial Number : 1

Bursts in Trial: 100

Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.54	20	
2	5.3	5.35	20	
3	5.3	5.324	20	
4	5.3	5.335	20	
5	5.3	5.557	20	
6	5.3	5.678	20	
7	5.3	5.69	20	
8	5.3	5.275	20	
9	5.3	5.396	20	
10	5.3	5.473	20	
11	5.3	5.577	20	
12	5.3	5.617	20	
13	5.3	5.67	20	
14	5.3	5.581	20	
15	5.3	5.694	20	
16	5.3	5.603	20	
17	5.3	5.493	20	
18	5.3	5.46	20	
19	5.3	5.719	20	
20	5.3	5.481	20	
21	5.3	5.518	20	
22	5.3	5.598	20	
23	5.3	5.479	20	
24	5.3	5.477	20	
25	5.3	5.613	20	
26	5.3	5.308	20	*
27	5.3	5.532	20	
28	5.3	5.656	20	
29	5.3	5.294	20	*
30	5.3	5.569	20	
31	5.3	5.681	20	
32	5.3	5.615	20	
33	5.3	5.677	20	
34	5.3	5.437	20	
35	5.3	5.572	20	
36	5.3	5.586	20	
37	5.3	5.263	20	
38	5.3	5.307	20	*
39	5.3	5.445	20	
40	5.3	5.629	20	
41	5.3	5.567	20	
42	5.3	5.495	20	
43	5.3	5.623	20	
44	5.3	5.39	20	
45	5.3	5.432	20	
46	5.3	5.502	20	
47	5.3	5.525	20	
48	5.3	5.261	20	
49	5.3	5.257	20	

50	5.3	5.611	20	
51	5.3	5.319	20	
52	5.3	5.301	20	*
53	5.3	5.505	20	
54	5.3	5.255	20	
55	5.3	5.416	20	
56	5.3	5.42	20	
57	5.3	5.385	20	
58	5.3	5.426	20	
59	5.3	5.621	20	
60	5.3	5.691	20	
61	5.3	5.697	20	
62	5.3	5.443	20	
63	5.3	5.547	20	
64	5.3	5.459	20	
65	5.3	5.637	20	
66	5.3	5.6	20	
67	5.3	5.273	20	
68	5.3	5.491	20	
69	5.3	5.498	20	
70	5.3	5.391	20	
71	5.3	5.487	20	
72	5.3	5.402	20	
73	5.3	5.401	20	
74	5.3	5.492	20	
75	5.3	5.468	20	
76	5.3	5.43	20	
77	5.3	5.625	20	
78	5.3	5.295	20	*
79	5.3	5.602	20	
80	5.3	5.364	20	
81	5.3	5.267	20	
82	5.3	5.464	20	
83	5.3	5.347	20	
84	5.3	5.643	20	
85	5.3	5.573	20	
86	5.3	5.413	20	
87	5.3	5.462	20	
88	5.3	5.607	20	
89	5.3	5.561	20	
90	5.3	5.592	20	
91	5.3	5.25	20	
92	5.3	5.648	20	
93	5.3	5.548	20	
94	5.3	5.536	20	
95	5.3	5.668	20	
96	5.3	5.404	20	
97	5.3	5.529	20	
98	5.3	5.485	20	
99	5.3	5.458	20	
100	5.3	5.422	20	

--

TYPE 6 PARAMETER SHEET				
Trial Number : 2				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.47	20	
2	5.3	5.273	20	
3	5.3	5.344	20	
4	5.3	5.325	20	
5	5.3	5.434	20	
6	5.3	5.611	20	
7	5.3	5.699	20	
8	5.3	5.357	20	
9	5.3	5.359	20	
10	5.3	5.297	20	*
11	5.3	5.682	20	
12	5.3	5.641	20	
13	5.3	5.374	20	
14	5.3	5.261	20	
15	5.3	5.43	20	
16	5.3	5.426	20	
17	5.3	5.375	20	
18	5.3	5.633	20	
19	5.3	5.381	20	
20	5.3	5.534	20	
21	5.3	5.383	20	
22	5.3	5.497	20	
23	5.3	5.648	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 3				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.604	20	
2	5.3	5.57	20	
3	5.3	5.373	20	
4	5.3	5.69	20	
5	5.3	5.281	20	
6	5.3	5.484	20	
7	5.3	5.51	20	
8	5.3	5.388	20	
9	5.3	5.625	20	
10	5.3	5.716	20	
11	5.3	5.418	20	
12	5.3	5.25	20	
13	5.3	5.276	20	
14	5.3	5.618	20	
15	5.3	5.633	20	
16	5.3	5.487	20	
17	5.3	5.269	20	
18	5.3	5.598	20	
19	5.3	5.296	20	*
20	5.3	5.406	20	
21	5.3	5.636	20	
22	5.3	5.338	20	
23	5.3	5.439	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 4				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.362	20	
2	5.3	5.333	20	
3	5.3	5.522	20	
4	5.3	5.72	20	
5	5.3	5.31	20	*
6	5.3	5.491	20	
7	5.3	5.554	20	
8	5.3	5.597	20	
9	5.3	5.587	20	
10	5.3	5.412	20	
11	5.3	5.512	20	
12	5.3	5.632	20	
13	5.3	5.384	20	
14	5.3	5.605	20	
15	5.3	5.497	20	
16	5.3	5.252	20	
17	5.3	5.256	20	
18	5.3	5.678	20	
19	5.3	5.689	20	
20	5.3	5.482	20	
21	5.3	5.453	20	
22	5.3	5.303	20	*
23	5.3	5.494	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 5				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.508	20	
2	5.3	5.531	20	
3	5.3	5.343	20	
4	5.3	5.389	20	
5	5.3	5.518	20	
6	5.3	5.327	20	
7	5.3	5.631	20	
8	5.3	5.666	20	
9	5.3	5.336	20	
10	5.3	5.675	20	
11	5.3	5.694	20	
12	5.3	5.641	20	
13	5.3	5.445	20	
14	5.3	5.625	20	
15	5.3	5.537	20	
16	5.3	5.37	20	
17	5.3	5.481	20	
18	5.3	5.381	20	
19	5.3	5.363	20	
20	5.3	5.438	20	
21	5.3	5.716	20	
22	5.3	5.466	20	
23	5.3	5.262	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 6				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.473	20	
2	5.3	5.611	20	
3	5.3	5.439	20	
4	5.3	5.616	20	
5	5.3	5.359	20	
6	5.3	5.415	20	
7	5.3	5.464	20	
8	5.3	5.608	20	
9	5.3	5.675	20	
10	5.3	5.674	20	
11	5.3	5.487	20	
12	5.3	5.313	20	
13	5.3	5.336	20	
14	5.3	5.463	20	
15	5.3	5.259	20	
16	5.3	5.631	20	
17	5.3	5.686	20	
18	5.3	5.405	20	
19	5.3	5.568	20	
20	5.3	5.446	20	
21	5.3	5.694	20	
22	5.3	5.262	20	
23	5.3	5.28	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 7				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.645	20	
2	5.3	5.418	20	
3	5.3	5.432	20	
4	5.3	5.258	20	
5	5.3	5.647	20	
6	5.3	5.556	20	
7	5.3	5.273	20	
8	5.3	5.635	20	
9	5.3	5.442	20	
10	5.3	5.538	20	
11	5.3	5.256	20	
12	5.3	5.698	20	
13	5.3	5.359	20	
14	5.3	5.408	20	
15	5.3	5.479	20	
16	5.3	5.535	20	
17	5.3	5.402	20	
18	5.3	5.607	20	
19	5.3	5.677	20	
20	5.3	5.564	20	
21	5.3	5.566	20	
22	5.3	5.339	20	
23	5.3	5.263	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 8				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.369	20	
2	5.3	5.594	20	
3	5.3	5.678	20	
4	5.3	5.348	20	
5	5.3	5.642	20	
6	5.3	5.722	20	
7	5.3	5.377	20	
8	5.3	5.617	20	
9	5.3	5.343	20	
10	5.3	5.356	20	
11	5.3	5.384	20	
12	5.3	5.667	20	
13	5.3	5.581	20	
14	5.3	5.449	20	
15	5.3	5.335	20	
16	5.3	5.324	20	
17	5.3	5.493	20	
18	5.3	5.509	20	
19	5.3	5.332	20	
20	5.3	5.28	20	
21	5.3	5.618	20	
22	5.3	5.318	20	
23	5.3	5.641	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 9				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.508	20	
2	5.3	5.693	20	
3	5.3	5.394	20	
4	5.3	5.698	20	
5	5.3	5.553	20	
6	5.3	5.37	20	
7	5.3	5.475	20	
8	5.3	5.381	20	
9	5.3	5.348	20	
10	5.3	5.492	20	
11	5.3	5.371	20	
12	5.3	5.279	20	
13	5.3	5.513	20	
14	5.3	5.258	20	
15	5.3	5.493	20	
16	5.3	5.719	20	
17	5.3	5.59	20	
18	5.3	5.407	20	
19	5.3	5.694	20	
20	5.3	5.55	20	
21	5.3	5.558	20	
22	5.3	5.489	20	
23	5.3	5.284	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 10				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.477	20	
2	5.3	5.614	20	
3	5.3	5.556	20	
4	5.3	5.678	20	
5	5.3	5.641	20	
6	5.3	5.412	20	
7	5.3	5.306	20	*
8	5.3	5.42	20	
9	5.3	5.68	20	
10	5.3	5.595	20	
11	5.3	5.572	20	
12	5.3	5.454	20	
13	5.3	5.669	20	
14	5.3	5.381	20	
15	5.3	5.722	20	
16	5.3	5.326	20	
17	5.3	5.315	20	
18	5.3	5.52	20	
19	5.3	5.262	20	
20	5.3	5.581	20	
21	5.3	5.627	20	
22	5.3	5.401	20	
23	5.3	5.467	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 11				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.536	20	
2	5.3	5.663	20	
3	5.3	5.678	20	
4	5.3	5.662	20	
5	5.3	5.576	20	
6	5.3	5.419	20	
7	5.3	5.491	20	
8	5.3	5.349	20	
9	5.3	5.625	20	
10	5.3	5.344	20	
11	5.3	5.299	20	*
12	5.3	5.383	20	
13	5.3	5.523	20	
14	5.3	5.649	20	
15	5.3	5.617	20	
16	5.3	5.547	20	
17	5.3	5.259	20	
18	5.3	5.449	20	
19	5.3	5.715	20	
20	5.3	5.261	20	
21	5.3	5.389	20	
22	5.3	5.634	20	
23	5.3	5.456	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 12				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.506	20	
2	5.3	5.44	20	
3	5.3	5.283	20	
4	5.3	5.657	20	
5	5.3	5.375	20	
6	5.3	5.687	20	
7	5.3	5.257	20	
8	5.3	5.49	20	
9	5.3	5.54	20	
10	5.3	5.299	20	*
11	5.3	5.355	20	
12	5.3	5.679	20	
13	5.3	5.497	20	
14	5.3	5.597	20	
15	5.3	5.406	20	
16	5.3	5.32	20	
17	5.3	5.278	20	
18	5.3	5.539	20	
19	5.3	5.621	20	
20	5.3	5.286	20	
21	5.3	5.495	20	
22	5.3	5.437	20	
23	5.3	5.709	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 13				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.331	20	
2	5.3	5.492	20	
3	5.3	5.547	20	
4	5.3	5.26	20	
5	5.3	5.465	20	
6	5.3	5.685	20	
7	5.3	5.316	20	
8	5.3	5.632	20	
9	5.3	5.627	20	
10	5.3	5.315	20	
11	5.3	5.293	20	*
12	5.3	5.72	20	
13	5.3	5.519	20	
14	5.3	5.676	20	
15	5.3	5.658	20	
16	5.3	5.705	20	
17	5.3	5.716	20	
18	5.3	5.604	20	
19	5.3	5.621	20	
20	5.3	5.422	20	
21	5.3	5.724	20	
22	5.3	5.371	20	
23	5.3	5.365	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 14				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.704	20	
2	5.3	5.546	20	
3	5.3	5.635	20	
4	5.3	5.718	20	
5	5.3	5.695	20	
6	5.3	5.492	20	
7	5.3	5.403	20	
8	5.3	5.455	20	
9	5.3	5.703	20	
10	5.3	5.471	20	
11	5.3	5.407	20	
12	5.3	5.582	20	
13	5.3	5.419	20	
14	5.3	5.566	20	
15	5.3	5.712	20	
16	5.3	5.306	20	*
17	5.3	5.709	20	
18	5.3	5.51	20	
19	5.3	5.409	20	
20	5.3	5.573	20	
21	5.3	5.717	20	
22	5.3	5.608	20	
23	5.3	5.252	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 15				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.387	20	
2	5.3	5.468	20	
3	5.3	5.365	20	
4	5.3	5.438	20	
5	5.3	5.507	20	
6	5.3	5.559	20	
7	5.3	5.483	20	
8	5.3	5.564	20	
9	5.3	5.404	20	
10	5.3	5.294	20	*
11	5.3	5.651	20	
12	5.3	5.69	20	
13	5.3	5.446	20	
14	5.3	5.354	20	
15	5.3	5.663	20	
16	5.3	5.7	20	
17	5.3	5.368	20	
18	5.3	5.721	20	
19	5.3	5.641	20	
20	5.3	5.38	20	
21	5.3	5.419	20	
22	5.3	5.482	20	
23	5.3	5.272	20	

TYPE 6 PARAMETER SHEET

Trial Number : 16

Bursts in Trial: 100

Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.357	20	
2	5.3	5.66	20	
3	5.3	5.721	20	
4	5.3	5.582	20	
5	5.3	5.432	20	
6	5.3	5.295	20	*
7	5.3	5.503	20	
8	5.3	5.501	20	
9	5.3	5.714	20	
10	5.3	5.475	20	
11	5.3	5.632	20	
12	5.3	5.327	20	
13	5.3	5.616	20	
14	5.3	5.502	20	
15	5.3	5.306	20	*
16	5.3	5.377	20	
17	5.3	5.564	20	
18	5.3	5.372	20	
19	5.3	5.285	20	
20	5.3	5.673	20	
21	5.3	5.45	20	
22	5.3	5.554	20	
23	5.3	5.525	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 17				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.496	20	
2	5.3	5.399	20	
3	5.3	5.267	20	
4	5.3	5.614	20	
5	5.3	5.332	20	
6	5.3	5.379	20	
7	5.3	5.549	20	
8	5.3	5.355	20	
9	5.3	5.534	20	
10	5.3	5.544	20	
11	5.3	5.661	20	
12	5.3	5.268	20	
13	5.3	5.445	20	
14	5.3	5.27	20	
15	5.3	5.404	20	
16	5.3	5.543	20	
17	5.3	5.275	20	
18	5.3	5.655	20	
19	5.3	5.546	20	
20	5.3	5.629	20	
21	5.3	5.632	20	
22	5.3	5.627	20	
23	5.3	5.574	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 18				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.341	20	
2	5.3	5.576	20	
3	5.3	5.392	20	
4	5.3	5.689	20	
5	5.3	5.566	20	
6	5.3	5.3	20	*
7	5.3	5.456	20	
8	5.3	5.309	20	*
9	5.3	5.329	20	
10	5.3	5.336	20	
11	5.3	5.291	20	*
12	5.3	5.631	20	
13	5.3	5.721	20	
14	5.3	5.481	20	
15	5.3	5.466	20	
16	5.3	5.263	20	
17	5.3	5.321	20	
18	5.3	5.349	20	
19	5.3	5.575	20	
20	5.3	5.613	20	
21	5.3	5.661	20	
22	5.3	5.381	20	
23	5.3	5.518	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 19				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.68	20	
2	5.3	5.711	20	
3	5.3	5.421	20	
4	5.3	5.362	20	
5	5.3	5.52	20	
6	5.3	5.53	20	
7	5.3	5.698	20	
8	5.3	5.291	20	*
9	5.3	5.383	20	
10	5.3	5.318	20	
11	5.3	5.441	20	
12	5.3	5.257	20	
13	5.3	5.564	20	
14	5.3	5.402	20	
15	5.3	5.282	20	
16	5.3	5.539	20	
17	5.3	5.427	20	
18	5.3	5.506	20	
19	5.3	5.591	20	
20	5.3	5.511	20	
21	5.3	5.261	20	
22	5.3	5.503	20	
23	5.3	5.3	20	*

TYPE 6 PARAMETER SHEET				
Trial Number : 20				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.414	20	
2	5.3	5.451	20	
3	5.3	5.685	20	
4	5.3	5.408	20	
5	5.3	5.65	20	
6	5.3	5.297	20	*
7	5.3	5.389	20	
8	5.3	5.497	20	
9	5.3	5.279	20	
10	5.3	5.576	20	
11	5.3	5.698	20	
12	5.3	5.292	20	*
13	5.3	5.575	20	
14	5.3	5.299	20	*
15	5.3	5.432	20	
16	5.3	5.632	20	
17	5.3	5.402	20	
18	5.3	5.607	20	
19	5.3	5.673	20	
20	5.3	5.421	20	
21	5.3	5.253	20	
22	5.3	5.379	20	
23	5.3	5.717	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 21				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.473	20	
2	5.3	5.599	20	
3	5.3	5.569	20	
4	5.3	5.392	20	
5	5.3	5.664	20	
6	5.3	5.272	20	
7	5.3	5.563	20	
8	5.3	5.645	20	
9	5.3	5.576	20	
10	5.3	5.457	20	
11	5.3	5.6	20	
12	5.3	5.711	20	
13	5.3	5.454	20	
14	5.3	5.351	20	
15	5.3	5.69	20	
16	5.3	5.605	20	
17	5.3	5.543	20	
18	5.3	5.318	20	
19	5.3	5.323	20	
20	5.3	5.456	20	
21	5.3	5.642	20	
22	5.3	5.68	20	
23	5.3	5.332	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 22				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.653	20	
2	5.3	5.691	20	
3	5.3	5.651	20	
4	5.3	5.26	20	
5	5.3	5.283	20	
6	5.3	5.436	20	
7	5.3	5.288	20	
8	5.3	5.408	20	
9	5.3	5.641	20	
10	5.3	5.568	20	
11	5.3	5.351	20	
12	5.3	5.606	20	
13	5.3	5.591	20	
14	5.3	5.69	20	
15	5.3	5.367	20	
16	5.3	5.511	20	
17	5.3	5.412	20	
18	5.3	5.549	20	
19	5.3	5.381	20	
20	5.3	5.485	20	
21	5.3	5.398	20	
22	5.3	5.507	20	
23	5.3	5.399	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 23				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.487	20	
2	5.3	5.609	20	
3	5.3	5.618	20	
4	5.3	5.599	20	
5	5.3	5.373	20	
6	5.3	5.32	20	
7	5.3	5.337	20	
8	5.3	5.348	20	
9	5.3	5.258	20	
10	5.3	5.57	20	
11	5.3	5.583	20	
12	5.3	5.389	20	
13	5.3	5.381	20	
14	5.3	5.593	20	
15	5.3	5.366	20	
16	5.3	5.316	20	
17	5.3	5.453	20	
18	5.3	5.313	20	
19	5.3	5.555	20	
20	5.3	5.416	20	
21	5.3	5.659	20	
22	5.3	5.657	20	
23	5.3	5.608	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 24				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.289	20	
2	5.3	5.714	20	
3	5.3	5.625	20	
4	5.3	5.541	20	
5	5.3	5.581	20	
6	5.3	5.281	20	
7	5.3	5.613	20	
8	5.3	5.257	20	
9	5.3	5.545	20	
10	5.3	5.361	20	
11	5.3	5.316	20	
12	5.3	5.52	20	
13	5.3	5.304	20	*
14	5.3	5.288	20	
15	5.3	5.378	20	
16	5.3	5.341	20	
17	5.3	5.565	20	
18	5.3	5.562	20	
19	5.3	5.547	20	
20	5.3	5.441	20	
21	5.3	5.4	20	
22	5.3	5.425	20	
23	5.3	5.667	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 25				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.416	20	
2	5.3	5.639	20	
3	5.3	5.609	20	
4	5.3	5.275	20	
5	5.3	5.68	20	
6	5.3	5.459	20	
7	5.3	5.509	20	
8	5.3	5.613	20	
9	5.3	5.337	20	
10	5.3	5.327	20	
11	5.3	5.668	20	
12	5.3	5.46	20	
13	5.3	5.503	20	
14	5.3	5.526	20	
15	5.3	5.432	20	
16	5.3	5.592	20	
17	5.3	5.455	20	
18	5.3	5.408	20	
19	5.3	5.271	20	
20	5.3	5.393	20	
21	5.3	5.369	20	
22	5.3	5.262	20	
23	5.3	5.338	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 26				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.644	20	
2	5.3	5.471	20	
3	5.3	5.517	20	
4	5.3	5.709	20	
5	5.3	5.26	20	
6	5.3	5.341	20	
7	5.3	5.521	20	
8	5.3	5.668	20	
9	5.3	5.306	20	*
10	5.3	5.288	20	
11	5.3	5.563	20	
12	5.3	5.593	20	
13	5.3	5.678	20	
14	5.3	5.681	20	
15	5.3	5.704	20	
16	5.3	5.687	20	
17	5.3	5.255	20	
18	5.3	5.323	20	
19	5.3	5.501	20	
20	5.3	5.538	20	
21	5.3	5.676	20	
22	5.3	5.369	20	
23	5.3	5.314	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 27				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.256	20	
2	5.3	5.68	20	
3	5.3	5.278	20	
4	5.3	5.604	20	
5	5.3	5.697	20	
6	5.3	5.364	20	
7	5.3	5.546	20	
8	5.3	5.706	20	
9	5.3	5.687	20	
10	5.3	5.431	20	
11	5.3	5.617	20	
12	5.3	5.287	20	
13	5.3	5.544	20	
14	5.3	5.427	20	
15	5.3	5.624	20	
16	5.3	5.717	20	
17	5.3	5.636	20	
18	5.3	5.37	20	
19	5.3	5.408	20	
20	5.3	5.592	20	
21	5.3	5.645	20	
22	5.3	5.3	20	*
23	5.3	5.283	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 28				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.678	20	
2	5.3	5.338	20	
3	5.3	5.523	20	
4	5.3	5.663	20	
5	5.3	5.687	20	
6	5.3	5.542	20	
7	5.3	5.34	20	
8	5.3	5.461	20	
9	5.3	5.504	20	
10	5.3	5.324	20	
11	5.3	5.423	20	
12	5.3	5.607	20	
13	5.3	5.524	20	
14	5.3	5.565	20	
15	5.3	5.331	20	
16	5.3	5.396	20	
17	5.3	5.315	20	
18	5.3	5.453	20	
19	5.3	5.482	20	
20	5.3	5.623	20	
21	5.3	5.335	20	
22	5.3	5.294	20	*
23	5.3	5.31	20	*

TYPE 6 PARAMETER SHEET				
Trial Number : 29				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.68	20	
2	5.3	5.612	20	
3	5.3	5.67	20	
4	5.3	5.392	20	
5	5.3	5.667	20	
6	5.3	5.654	20	
7	5.3	5.489	20	
8	5.3	5.581	20	
9	5.3	5.329	20	
10	5.3	5.649	20	
11	5.3	5.343	20	
12	5.3	5.601	20	
13	5.3	5.51	20	
14	5.3	5.312	20	
15	5.3	5.474	20	
16	5.3	5.304	20	*
17	5.3	5.374	20	
18	5.3	5.584	20	
19	5.3	5.653	20	
20	5.3	5.49	20	
21	5.3	5.499	20	
22	5.3	5.538	20	
23	5.3	5.682	20	

TYPE 6 PARAMETER SHEET				
Trial Number : 30				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.3	5.344	20	
2	5.3	5.288	20	
3	5.3	5.35	20	
4	5.3	5.418	20	
5	5.3	5.388	20	
6	5.3	5.529	20	
7	5.3	5.392	20	
8	5.3	5.293	20	*
9	5.3	5.337	20	
10	5.3	5.352	20	
11	5.3	5.611	20	
12	5.3	5.287	20	
13	5.3	5.574	20	
14	5.3	5.675	20	
15	5.3	5.641	20	
16	5.3	5.302	20	*
17	5.3	5.484	20	
18	5.3	5.471	20	
19	5.3	5.569	20	
20	5.3	5.401	20	
21	5.3	5.558	20	
22	5.3	5.506	20	
23	5.3	5.706	20	

TYPE 6 PARAMETER SHEET

Trial Number : 1

Bursts in Trial: 100

Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.639	40	
2	5.51	5.623	40	
3	5.51	5.684	40	
4	5.51	5.462	40	
5	5.51	5.46	40	
6	5.51	5.254	40	
7	5.51	5.467	40	
8	5.51	5.697	40	
9	5.51	5.511	40	*
10	5.51	5.338	40	
11	5.51	5.339	40	
12	5.51	5.423	40	
13	5.51	5.268	40	
14	5.51	5.701	40	
15	5.51	5.448	40	
16	5.51	5.538	40	
17	5.51	5.327	40	
18	5.51	5.698	40	
19	5.51	5.347	40	
20	5.51	5.488	40	
21	5.51	5.406	40	
22	5.51	5.425	40	
23	5.51	5.383	40	
24	5.51	5.264	40	
25	5.51	5.708	40	
26	5.51	5.326	40	
27	5.51	5.463	40	
28	5.51	5.628	40	
29	5.51	5.722	40	
30	5.51	5.25	40	
31	5.51	5.72	40	
32	5.51	5.336	40	
33	5.51	5.328	40	
34	5.51	5.596	40	
35	5.51	5.322	40	
36	5.51	5.436	40	
37	5.51	5.651	40	
38	5.51	5.364	40	
39	5.51	5.593	40	
40	5.51	5.45	40	
41	5.51	5.305	40	
42	5.51	5.615	40	
43	5.51	5.291	40	
44	5.51	5.55	40	
45	5.51	5.548	40	
46	5.51	5.346	40	
47	5.51	5.502	40	*
48	5.51	5.507	40	*
49	5.51	5.279	40	

50	5.51	5.434	40	
51	5.51	5.716	40	
52	5.51	5.691	40	
53	5.51	5.359	40	
54	5.51	5.469	40	
55	5.51	5.555	40	
56	5.51	5.648	40	
57	5.51	5.341	40	
58	5.51	5.456	40	
59	5.51	5.675	40	
60	5.51	5.655	40	
61	5.51	5.438	40	
62	5.51	5.699	40	
63	5.51	5.654	40	
64	5.51	5.29	40	
65	5.51	5.493	40	*
66	5.51	5.39	40	
67	5.51	5.402	40	
68	5.51	5.422	40	
69	5.51	5.689	40	
70	5.51	5.544	40	
71	5.51	5.43	40	
72	5.51	5.586	40	
73	5.51	5.68	40	
74	5.51	5.437	40	
75	5.51	5.65	40	
76	5.51	5.428	40	
77	5.51	5.683	40	
78	5.51	5.541	40	
79	5.51	5.713	40	
80	5.51	5.583	40	
81	5.51	5.477	40	
82	5.51	5.679	40	
83	5.51	5.296	40	
84	5.51	5.573	40	
85	5.51	5.253	40	
86	5.51	5.637	40	
87	5.51	5.563	40	
88	5.51	5.33	40	
89	5.51	5.603	40	
90	5.51	5.414	40	
91	5.51	5.717	40	
92	5.51	5.483	40	
93	5.51	5.565	40	
94	5.51	5.582	40	
95	5.51	5.408	40	
96	5.51	5.312	40	
97	5.51	5.373	40	
98	5.51	5.277	40	
99	5.51	5.643	40	
100	5.51	5.362	40	

--

TYPE 6 PARAMETER SHEET				
Trial Number : 2				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.426	40	
2	5.51	5.266	40	
3	5.51	5.409	40	
4	5.51	5.393	40	
5	5.51	5.265	40	
6	5.51	5.489	40	
7	5.51	5.619	40	
8	5.51	5.6	40	
9	5.51	5.287	40	
10	5.51	5.333	40	
11	5.51	5.381	40	
12	5.51	5.39	40	
13	5.51	5.385	40	
14	5.51	5.715	40	
15	5.51	5.425	40	
16	5.51	5.396	40	
17	5.51	5.361	40	
18	5.51	5.268	40	
19	5.51	5.441	40	
20	5.51	5.432	40	
21	5.51	5.43	40	
22	5.51	5.646	40	
23	5.51	5.569	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 3				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.431	40	
2	5.51	5.302	40	
3	5.51	5.701	40	
4	5.51	5.505	40	*
5	5.51	5.36	40	
6	5.51	5.494	40	*
7	5.51	5.661	40	
8	5.51	5.563	40	
9	5.51	5.545	40	
10	5.51	5.37	40	
11	5.51	5.578	40	
12	5.51	5.484	40	
13	5.51	5.721	40	
14	5.51	5.48	40	
15	5.51	5.315	40	
16	5.51	5.519	40	*
17	5.51	5.251	40	
18	5.51	5.602	40	
19	5.51	5.258	40	
20	5.51	5.309	40	
21	5.51	5.476	40	
22	5.51	5.388	40	
23	5.51	5.267	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 4				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.53	40	*
2	5.51	5.277	40	
3	5.51	5.655	40	
4	5.51	5.705	40	
5	5.51	5.651	40	
6	5.51	5.583	40	
7	5.51	5.658	40	
8	5.51	5.483	40	
9	5.51	5.299	40	
10	5.51	5.56	40	
11	5.51	5.258	40	
12	5.51	5.717	40	
13	5.51	5.263	40	
14	5.51	5.309	40	
15	5.51	5.72	40	
16	5.51	5.549	40	
17	5.51	5.501	40	*
18	5.51	5.492	40	*
19	5.51	5.681	40	
20	5.51	5.707	40	
21	5.51	5.361	40	
22	5.51	5.503	40	*
23	5.51	5.351	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 5				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.69	40	
2	5.51	5.723	40	
3	5.51	5.258	40	
4	5.51	5.456	40	
5	5.51	5.527	40	*
6	5.51	5.579	40	
7	5.51	5.297	40	
8	5.51	5.279	40	
9	5.51	5.35	40	
10	5.51	5.267	40	
11	5.51	5.558	40	
12	5.51	5.427	40	
13	5.51	5.557	40	
14	5.51	5.714	40	
15	5.51	5.677	40	
16	5.51	5.463	40	
17	5.51	5.526	40	*
18	5.51	5.652	40	
19	5.51	5.468	40	
20	5.51	5.499	40	*
21	5.51	5.459	40	
22	5.51	5.49	40	*
23	5.51	5.347	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 6				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.502	40	*
2	5.51	5.525	40	*
3	5.51	5.43	40	
4	5.51	5.666	40	
5	5.51	5.618	40	
6	5.51	5.585	40	
7	5.51	5.464	40	
8	5.51	5.687	40	
9	5.51	5.509	40	*
10	5.51	5.341	40	
11	5.51	5.63	40	
12	5.51	5.265	40	
13	5.51	5.583	40	
14	5.51	5.561	40	
15	5.51	5.646	40	
16	5.51	5.571	40	
17	5.51	5.29	40	
18	5.51	5.374	40	
19	5.51	5.297	40	
20	5.51	5.591	40	
21	5.51	5.535	40	
22	5.51	5.285	40	
23	5.51	5.649	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 7				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.565	40	
2	5.51	5.563	40	
3	5.51	5.466	40	
4	5.51	5.594	40	
5	5.51	5.552	40	
6	5.51	5.419	40	
7	5.51	5.352	40	
8	5.51	5.63	40	
9	5.51	5.612	40	
10	5.51	5.405	40	
11	5.51	5.603	40	
12	5.51	5.295	40	
13	5.51	5.681	40	
14	5.51	5.521	40	*
15	5.51	5.477	40	
16	5.51	5.692	40	
17	5.51	5.643	40	
18	5.51	5.705	40	
19	5.51	5.604	40	
20	5.51	5.621	40	
21	5.51	5.33	40	
22	5.51	5.433	40	
23	5.51	5.382	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 8				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.289	40	
2	5.51	5.633	40	
3	5.51	5.5	40	*
4	5.51	5.669	40	
5	5.51	5.721	40	
6	5.51	5.564	40	
7	5.51	5.438	40	
8	5.51	5.684	40	
9	5.51	5.412	40	
10	5.51	5.664	40	
11	5.51	5.53	40	*
12	5.51	5.621	40	
13	5.51	5.452	40	
14	5.51	5.566	40	
15	5.51	5.536	40	
16	5.51	5.396	40	
17	5.51	5.682	40	
18	5.51	5.336	40	
19	5.51	5.298	40	
20	5.51	5.254	40	
21	5.51	5.677	40	
22	5.51	5.463	40	
23	5.51	5.691	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 9				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.56	40	
2	5.51	5.303	40	
3	5.51	5.683	40	
4	5.51	5.528	40	*
5	5.51	5.452	40	
6	5.51	5.425	40	
7	5.51	5.656	40	
8	5.51	5.3	40	
9	5.51	5.466	40	
10	5.51	5.284	40	
11	5.51	5.474	40	
12	5.51	5.653	40	
13	5.51	5.691	40	
14	5.51	5.723	40	
15	5.51	5.477	40	
16	5.51	5.392	40	
17	5.51	5.277	40	
18	5.51	5.531	40	
19	5.51	5.516	40	*
20	5.51	5.573	40	
21	5.51	5.473	40	
22	5.51	5.445	40	
23	5.51	5.512	40	*

TYPE 6 PARAMETER SHEET				
Trial Number : 10				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.388	40	
2	5.51	5.539	40	
3	5.51	5.409	40	
4	5.51	5.481	40	
5	5.51	5.459	40	
6	5.51	5.444	40	
7	5.51	5.663	40	
8	5.51	5.468	40	
9	5.51	5.504	40	*
10	5.51	5.591	40	
11	5.51	5.386	40	
12	5.51	5.56	40	
13	5.51	5.342	40	
14	5.51	5.72	40	
15	5.51	5.457	40	
16	5.51	5.433	40	
17	5.51	5.428	40	
18	5.51	5.561	40	
19	5.51	5.651	40	
20	5.51	5.612	40	
21	5.51	5.58	40	
22	5.51	5.333	40	
23	5.51	5.442	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 11				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.313	40	
2	5.51	5.604	40	
3	5.51	5.671	40	
4	5.51	5.276	40	
5	5.51	5.286	40	
6	5.51	5.557	40	
7	5.51	5.327	40	
8	5.51	5.358	40	
9	5.51	5.388	40	
10	5.51	5.674	40	
11	5.51	5.349	40	
12	5.51	5.44	40	
13	5.51	5.64	40	
14	5.51	5.652	40	
15	5.51	5.485	40	
16	5.51	5.708	40	
17	5.51	5.376	40	
18	5.51	5.454	40	
19	5.51	5.394	40	
20	5.51	5.55	40	
21	5.51	5.511	40	*
22	5.51	5.653	40	
23	5.51	5.345	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 12				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.401	40	
2	5.51	5.684	40	
3	5.51	5.382	40	
4	5.51	5.519	40	*
5	5.51	5.288	40	
6	5.51	5.264	40	
7	5.51	5.507	40	*
8	5.51	5.567	40	
9	5.51	5.485	40	
10	5.51	5.696	40	
11	5.51	5.534	40	
12	5.51	5.377	40	
13	5.51	5.511	40	*
14	5.51	5.27	40	
15	5.51	5.572	40	
16	5.51	5.549	40	
17	5.51	5.649	40	
18	5.51	5.276	40	
19	5.51	5.601	40	
20	5.51	5.448	40	
21	5.51	5.618	40	
22	5.51	5.406	40	
23	5.51	5.467	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 13				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.308	40	
2	5.51	5.314	40	
3	5.51	5.281	40	
4	5.51	5.668	40	
5	5.51	5.442	40	
6	5.51	5.396	40	
7	5.51	5.484	40	
8	5.51	5.6	40	
9	5.51	5.267	40	
10	5.51	5.365	40	
11	5.51	5.706	40	
12	5.51	5.467	40	
13	5.51	5.356	40	
14	5.51	5.537	40	
15	5.51	5.463	40	
16	5.51	5.344	40	
17	5.51	5.422	40	
18	5.51	5.661	40	
19	5.51	5.571	40	
20	5.51	5.65	40	
21	5.51	5.581	40	
22	5.51	5.296	40	
23	5.51	5.252	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 14				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.646	40	
2	5.51	5.417	40	
3	5.51	5.633	40	
4	5.51	5.622	40	
5	5.51	5.619	40	
6	5.51	5.302	40	
7	5.51	5.286	40	
8	5.51	5.379	40	
9	5.51	5.357	40	
10	5.51	5.465	40	
11	5.51	5.278	40	
12	5.51	5.644	40	
13	5.51	5.705	40	
14	5.51	5.274	40	
15	5.51	5.515	40	*
16	5.51	5.47	40	
17	5.51	5.607	40	
18	5.51	5.723	40	
19	5.51	5.595	40	
20	5.51	5.482	40	
21	5.51	5.702	40	
22	5.51	5.401	40	
23	5.51	5.303	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 15				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.515	40	*
2	5.51	5.698	40	
3	5.51	5.563	40	
4	5.51	5.498	40	*
5	5.51	5.262	40	
6	5.51	5.572	40	
7	5.51	5.387	40	
8	5.51	5.575	40	
9	5.51	5.595	40	
10	5.51	5.618	40	
11	5.51	5.543	40	
12	5.51	5.391	40	
13	5.51	5.296	40	
14	5.51	5.316	40	
15	5.51	5.449	40	
16	5.51	5.344	40	
17	5.51	5.337	40	
18	5.51	5.645	40	
19	5.51	5.342	40	
20	5.51	5.445	40	
21	5.51	5.304	40	
22	5.51	5.303	40	
23	5.51	5.279	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 16				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.461	40	
2	5.51	5.632	40	
3	5.51	5.449	40	
4	5.51	5.313	40	
5	5.51	5.294	40	
6	5.51	5.533	40	
7	5.51	5.407	40	
8	5.51	5.701	40	
9	5.51	5.515	40	*
10	5.51	5.673	40	
11	5.51	5.434	40	
12	5.51	5.552	40	
13	5.51	5.31	40	
14	5.51	5.572	40	
15	5.51	5.574	40	
16	5.51	5.583	40	
17	5.51	5.616	40	
18	5.51	5.705	40	
19	5.51	5.649	40	
20	5.51	5.387	40	
21	5.51	5.374	40	
22	5.51	5.501	40	*
23	5.51	5.642	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 17				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.592	40	
2	5.51	5.642	40	
3	5.51	5.412	40	
4	5.51	5.636	40	
5	5.51	5.426	40	
6	5.51	5.442	40	
7	5.51	5.389	40	
8	5.51	5.603	40	
9	5.51	5.526	40	*
10	5.51	5.25	40	
11	5.51	5.601	40	
12	5.51	5.418	40	
13	5.51	5.708	40	
14	5.51	5.656	40	
15	5.51	5.515	40	*
16	5.51	5.362	40	
17	5.51	5.359	40	
18	5.51	5.483	40	
19	5.51	5.62	40	
20	5.51	5.587	40	
21	5.51	5.618	40	
22	5.51	5.593	40	
23	5.51	5.276	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 18				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.466	40	
2	5.51	5.683	40	
3	5.51	5.678	40	
4	5.51	5.338	40	
5	5.51	5.701	40	
6	5.51	5.617	40	
7	5.51	5.666	40	
8	5.51	5.552	40	
9	5.51	5.555	40	
10	5.51	5.687	40	
11	5.51	5.318	40	
12	5.51	5.328	40	
13	5.51	5.586	40	
14	5.51	5.309	40	
15	5.51	5.292	40	
16	5.51	5.311	40	
17	5.51	5.57	40	
18	5.51	5.276	40	
19	5.51	5.268	40	
20	5.51	5.429	40	
21	5.51	5.689	40	
22	5.51	5.459	40	
23	5.51	5.677	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 19				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.643	40	
2	5.51	5.509	40	*
3	5.51	5.475	40	
4	5.51	5.478	40	
5	5.51	5.303	40	
6	5.51	5.46	40	
7	5.51	5.67	40	
8	5.51	5.447	40	
9	5.51	5.55	40	
10	5.51	5.504	40	*
11	5.51	5.265	40	
12	5.51	5.352	40	
13	5.51	5.687	40	
14	5.51	5.721	40	
15	5.51	5.584	40	
16	5.51	5.708	40	
17	5.51	5.445	40	
18	5.51	5.661	40	
19	5.51	5.685	40	
20	5.51	5.287	40	
21	5.51	5.389	40	
22	5.51	5.399	40	
23	5.51	5.277	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 20				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.414	40	
2	5.51	5.695	40	
3	5.51	5.661	40	
4	5.51	5.564	40	
5	5.51	5.368	40	
6	5.51	5.544	40	
7	5.51	5.668	40	
8	5.51	5.415	40	
9	5.51	5.607	40	
10	5.51	5.49	40	*
11	5.51	5.697	40	
12	5.51	5.278	40	
13	5.51	5.718	40	
14	5.51	5.312	40	
15	5.51	5.271	40	
16	5.51	5.658	40	
17	5.51	5.499	40	*
18	5.51	5.583	40	
19	5.51	5.352	40	
20	5.51	5.464	40	
21	5.51	5.4	40	
22	5.51	5.32	40	
23	5.51	5.471	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 21				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.636	40	
2	5.51	5.686	40	
3	5.51	5.638	40	
4	5.51	5.299	40	
5	5.51	5.583	40	
6	5.51	5.537	40	
7	5.51	5.39	40	
8	5.51	5.611	40	
9	5.51	5.252	40	
10	5.51	5.575	40	
11	5.51	5.624	40	
12	5.51	5.675	40	
13	5.51	5.539	40	
14	5.51	5.577	40	
15	5.51	5.566	40	
16	5.51	5.304	40	
17	5.51	5.662	40	
18	5.51	5.602	40	
19	5.51	5.292	40	
20	5.51	5.478	40	
21	5.51	5.568	40	
22	5.51	5.601	40	
23	5.51	5.545	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 22				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.52	40	*
2	5.51	5.38	40	
3	5.51	5.654	40	
4	5.51	5.657	40	
5	5.51	5.279	40	
6	5.51	5.507	40	*
7	5.51	5.338	40	
8	5.51	5.601	40	
9	5.51	5.403	40	
10	5.51	5.46	40	
11	5.51	5.724	40	
12	5.51	5.567	40	
13	5.51	5.287	40	
14	5.51	5.476	40	
15	5.51	5.671	40	
16	5.51	5.513	40	*
17	5.51	5.483	40	
18	5.51	5.532	40	
19	5.51	5.285	40	
20	5.51	5.553	40	
21	5.51	5.634	40	
22	5.51	5.411	40	
23	5.51	5.458	40	

TYPE 6 PARAMETER SHEET

Trial Number : 23

Bursts in Trial: 100

Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.306	40	
2	5.51	5.517	40	*
3	5.51	5.684	40	
4	5.51	5.646	40	
5	5.51	5.694	40	
6	5.51	5.527	40	*
7	5.51	5.257	40	
8	5.51	5.666	40	
9	5.51	5.293	40	
10	5.51	5.688	40	
11	5.51	5.301	40	
12	5.51	5.689	40	
13	5.51	5.474	40	
14	5.51	5.299	40	
15	5.51	5.656	40	
16	5.51	5.487	40	
17	5.51	5.271	40	
18	5.51	5.674	40	
19	5.51	5.529	40	*
20	5.51	5.679	40	
21	5.51	5.311	40	
22	5.51	5.482	40	
23	5.51	5.537	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 24				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.64	40	
2	5.51	5.634	40	
3	5.51	5.606	40	
4	5.51	5.406	40	
5	5.51	5.264	40	
6	5.51	5.339	40	
7	5.51	5.581	40	
8	5.51	5.361	40	
9	5.51	5.427	40	
10	5.51	5.509	40	*
11	5.51	5.561	40	
12	5.51	5.661	40	
13	5.51	5.468	40	
14	5.51	5.452	40	
15	5.51	5.578	40	
16	5.51	5.584	40	
17	5.51	5.465	40	
18	5.51	5.41	40	
19	5.51	5.252	40	
20	5.51	5.718	40	
21	5.51	5.454	40	
22	5.51	5.697	40	
23	5.51	5.302	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 25				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.705	40	
2	5.51	5.37	40	
3	5.51	5.387	40	
4	5.51	5.681	40	
5	5.51	5.295	40	
6	5.51	5.381	40	
7	5.51	5.568	40	
8	5.51	5.663	40	
9	5.51	5.527	40	*
10	5.51	5.436	40	
11	5.51	5.26	40	
12	5.51	5.52	40	*
13	5.51	5.495	40	*
14	5.51	5.696	40	
15	5.51	5.329	40	
16	5.51	5.499	40	*
17	5.51	5.274	40	
18	5.51	5.334	40	
19	5.51	5.3	40	
20	5.51	5.391	40	
21	5.51	5.552	40	
22	5.51	5.619	40	
23	5.51	5.368	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 26				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.666	40	
2	5.51	5.385	40	
3	5.51	5.639	40	
4	5.51	5.327	40	
5	5.51	5.547	40	
6	5.51	5.535	40	
7	5.51	5.499	40	*
8	5.51	5.434	40	
9	5.51	5.716	40	
10	5.51	5.38	40	
11	5.51	5.525	40	*
12	5.51	5.585	40	
13	5.51	5.332	40	
14	5.51	5.669	40	
15	5.51	5.341	40	
16	5.51	5.262	40	
17	5.51	5.664	40	
18	5.51	5.412	40	
19	5.51	5.607	40	
20	5.51	5.348	40	
21	5.51	5.599	40	
22	5.51	5.379	40	
23	5.51	5.551	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 27				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.38	40	
2	5.51	5.489	40	
3	5.51	5.662	40	
4	5.51	5.332	40	
5	5.51	5.685	40	
6	5.51	5.616	40	
7	5.51	5.334	40	
8	5.51	5.521	40	*
9	5.51	5.383	40	
10	5.51	5.474	40	
11	5.51	5.589	40	
12	5.51	5.635	40	
13	5.51	5.72	40	
14	5.51	5.51	40	*
15	5.51	5.463	40	
16	5.51	5.565	40	
17	5.51	5.691	40	
18	5.51	5.413	40	
19	5.51	5.553	40	
20	5.51	5.588	40	
21	5.51	5.519	40	*
22	5.51	5.346	40	
23	5.51	5.631	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 28				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.296	40	
2	5.51	5.55	40	
3	5.51	5.418	40	
4	5.51	5.281	40	
5	5.51	5.702	40	
6	5.51	5.373	40	
7	5.51	5.39	40	
8	5.51	5.427	40	
9	5.51	5.621	40	
10	5.51	5.595	40	
11	5.51	5.644	40	
12	5.51	5.335	40	
13	5.51	5.414	40	
14	5.51	5.651	40	
15	5.51	5.381	40	
16	5.51	5.609	40	
17	5.51	5.632	40	
18	5.51	5.541	40	
19	5.51	5.345	40	
20	5.51	5.491	40	*
21	5.51	5.567	40	
22	5.51	5.315	40	
23	5.51	5.618	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 29				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.35	40	
2	5.51	5.358	40	
3	5.51	5.443	40	
4	5.51	5.478	40	
5	5.51	5.427	40	
6	5.51	5.601	40	
7	5.51	5.616	40	
8	5.51	5.634	40	
9	5.51	5.679	40	
10	5.51	5.362	40	
11	5.51	5.614	40	
12	5.51	5.67	40	
13	5.51	5.396	40	
14	5.51	5.576	40	
15	5.51	5.545	40	
16	5.51	5.531	40	
17	5.51	5.602	40	
18	5.51	5.347	40	
19	5.51	5.642	40	
20	5.51	5.489	40	
21	5.51	5.659	40	
22	5.51	5.694	40	
23	5.51	5.421	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 30				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.51	5.667	40	
2	5.51	5.607	40	
3	5.51	5.262	40	
4	5.51	5.304	40	
5	5.51	5.339	40	
6	5.51	5.587	40	
7	5.51	5.71	40	
8	5.51	5.382	40	
9	5.51	5.384	40	
10	5.51	5.399	40	
11	5.51	5.483	40	
12	5.51	5.331	40	
13	5.51	5.613	40	
14	5.51	5.309	40	
15	5.51	5.286	40	
16	5.51	5.523	40	*
17	5.51	5.507	40	*
18	5.51	5.561	40	
19	5.51	5.404	40	
20	5.51	5.356	40	
21	5.51	5.643	40	
22	5.51	5.716	40	
23	5.51	5.379	40	

TYPE 6 PARAMETER SHEET

Trial Number : 1

Bursts in Trial: 100

Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.286	40	
2	5.61	5.578	40	
3	5.61	5.426	40	
4	5.61	5.571	40	
5	5.61	5.408	40	
6	5.61	5.444	40	
7	5.61	5.617	40	*
8	5.61	5.714	40	
9	5.61	5.597	40	*
10	5.61	5.344	40	
11	5.61	5.692	40	
12	5.61	5.258	40	
13	5.61	5.465	40	
14	5.61	5.251	40	
15	5.61	5.573	40	
16	5.61	5.669	40	
17	5.61	5.253	40	
18	5.61	5.446	40	
19	5.61	5.561	40	
20	5.61	5.375	40	
21	5.61	5.694	40	
22	5.61	5.38	40	
23	5.61	5.367	40	
24	5.61	5.339	40	
25	5.61	5.646	40	
26	5.61	5.316	40	
27	5.61	5.357	40	
28	5.61	5.289	40	
29	5.61	5.643	40	
30	5.61	5.455	40	
31	5.61	5.498	40	
32	5.61	5.4	40	
33	5.61	5.723	40	
34	5.61	5.409	40	
35	5.61	5.594	40	*
36	5.61	5.361	40	
37	5.61	5.348	40	
38	5.61	5.542	40	
39	5.61	5.387	40	
40	5.61	5.525	40	
41	5.61	5.648	40	
42	5.61	5.333	40	
43	5.61	5.269	40	
44	5.61	5.404	40	
45	5.61	5.335	40	
46	5.61	5.653	40	
47	5.61	5.606	40	*
48	5.61	5.507	40	
49	5.61	5.309	40	

50	5.61	5.5	40	
51	5.61	5.325	40	
52	5.61	5.587	40	
53	5.61	5.495	40	
54	5.61	5.374	40	
55	5.61	5.668	40	
56	5.61	5.411	40	
57	5.61	5.288	40	
58	5.61	5.491	40	
59	5.61	5.515	40	
60	5.61	5.629	40	*
61	5.61	5.35	40	
62	5.61	5.654	40	
63	5.61	5.638	40	
64	5.61	5.535	40	
65	5.61	5.359	40	
66	5.61	5.407	40	
67	5.61	5.671	40	
68	5.61	5.458	40	
69	5.61	5.261	40	
70	5.61	5.279	40	
71	5.61	5.475	40	
72	5.61	5.321	40	
73	5.61	5.272	40	
74	5.61	5.332	40	
75	5.61	5.595	40	*
76	5.61	5.63	40	*
77	5.61	5.499	40	
78	5.61	5.364	40	
79	5.61	5.436	40	
80	5.61	5.254	40	
81	5.61	5.64	40	
82	5.61	5.457	40	
83	5.61	5.45	40	
84	5.61	5.373	40	
85	5.61	5.448	40	
86	5.61	5.511	40	
87	5.61	5.39	40	
88	5.61	5.663	40	
89	5.61	5.33	40	
90	5.61	5.25	40	
91	5.61	5.639	40	
92	5.61	5.459	40	
93	5.61	5.712	40	
94	5.61	5.317	40	
95	5.61	5.433	40	
96	5.61	5.271	40	
97	5.61	5.371	40	
98	5.61	5.635	40	
99	5.61	5.342	40	
100	5.61	5.51	40	

--

TYPE 6 PARAMETER SHEET				
Trial Number : 2				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.418	40	
2	5.61	5.298	40	
3	5.61	5.641	40	
4	5.61	5.444	40	
5	5.61	5.415	40	
6	5.61	5.61	40	*
7	5.61	5.317	40	
8	5.61	5.627	40	*
9	5.61	5.612	40	*
10	5.61	5.583	40	
11	5.61	5.67	40	
12	5.61	5.428	40	
13	5.61	5.719	40	
14	5.61	5.703	40	
15	5.61	5.487	40	
16	5.61	5.62	40	*
17	5.61	5.356	40	
18	5.61	5.708	40	
19	5.61	5.617	40	*
20	5.61	5.366	40	
21	5.61	5.485	40	
22	5.61	5.325	40	
23	5.61	5.51	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 3				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.381	40	
2	5.61	5.3	40	
3	5.61	5.447	40	
4	5.61	5.647	40	
5	5.61	5.614	40	*
6	5.61	5.261	40	
7	5.61	5.403	40	
8	5.61	5.542	40	
9	5.61	5.575	40	
10	5.61	5.427	40	
11	5.61	5.674	40	
12	5.61	5.431	40	
13	5.61	5.661	40	
14	5.61	5.465	40	
15	5.61	5.377	40	
16	5.61	5.707	40	
17	5.61	5.522	40	
18	5.61	5.507	40	
19	5.61	5.442	40	
20	5.61	5.687	40	
21	5.61	5.691	40	
22	5.61	5.534	40	
23	5.61	5.346	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 4				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.342	40	
2	5.61	5.562	40	
3	5.61	5.615	40	*
4	5.61	5.347	40	
5	5.61	5.63	40	*
6	5.61	5.332	40	
7	5.61	5.647	40	
8	5.61	5.721	40	
9	5.61	5.538	40	
10	5.61	5.524	40	
11	5.61	5.351	40	
12	5.61	5.493	40	
13	5.61	5.543	40	
14	5.61	5.588	40	
15	5.61	5.612	40	*
16	5.61	5.411	40	
17	5.61	5.319	40	
18	5.61	5.704	40	
19	5.61	5.285	40	
20	5.61	5.317	40	
21	5.61	5.316	40	
22	5.61	5.471	40	
23	5.61	5.655	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 5				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.684	40	
2	5.61	5.675	40	
3	5.61	5.484	40	
4	5.61	5.271	40	
5	5.61	5.559	40	
6	5.61	5.376	40	
7	5.61	5.4	40	
8	5.61	5.422	40	
9	5.61	5.605	40	*
10	5.61	5.69	40	
11	5.61	5.448	40	
12	5.61	5.357	40	
13	5.61	5.688	40	
14	5.61	5.724	40	
15	5.61	5.371	40	
16	5.61	5.718	40	
17	5.61	5.502	40	
18	5.61	5.701	40	
19	5.61	5.524	40	
20	5.61	5.474	40	
21	5.61	5.352	40	
22	5.61	5.432	40	
23	5.61	5.683	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 6				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.565	40	
2	5.61	5.451	40	
3	5.61	5.504	40	
4	5.61	5.319	40	
5	5.61	5.604	40	*
6	5.61	5.393	40	
7	5.61	5.339	40	
8	5.61	5.647	40	
9	5.61	5.674	40	
10	5.61	5.629	40	*
11	5.61	5.594	40	*
12	5.61	5.586	40	
13	5.61	5.546	40	
14	5.61	5.669	40	
15	5.61	5.668	40	
16	5.61	5.717	40	
17	5.61	5.706	40	
18	5.61	5.453	40	
19	5.61	5.294	40	
20	5.61	5.37	40	
21	5.61	5.597	40	*
22	5.61	5.709	40	
23	5.61	5.52	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 7				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.396	40	
2	5.61	5.479	40	
3	5.61	5.411	40	
4	5.61	5.587	40	
5	5.61	5.558	40	
6	5.61	5.557	40	
7	5.61	5.428	40	
8	5.61	5.528	40	
9	5.61	5.429	40	
10	5.61	5.711	40	
11	5.61	5.598	40	*
12	5.61	5.384	40	
13	5.61	5.315	40	
14	5.61	5.47	40	
15	5.61	5.482	40	
16	5.61	5.639	40	
17	5.61	5.336	40	
18	5.61	5.346	40	
19	5.61	5.644	40	
20	5.61	5.452	40	
21	5.61	5.713	40	
22	5.61	5.447	40	
23	5.61	5.538	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 8				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.684	40	
2	5.61	5.469	40	
3	5.61	5.376	40	
4	5.61	5.586	40	
5	5.61	5.274	40	
6	5.61	5.503	40	
7	5.61	5.68	40	
8	5.61	5.593	40	*
9	5.61	5.659	40	
10	5.61	5.607	40	*
11	5.61	5.456	40	
12	5.61	5.407	40	
13	5.61	5.253	40	
14	5.61	5.401	40	
15	5.61	5.465	40	
16	5.61	5.615	40	*
17	5.61	5.441	40	
18	5.61	5.427	40	
19	5.61	5.47	40	
20	5.61	5.494	40	
21	5.61	5.528	40	
22	5.61	5.567	40	
23	5.61	5.422	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 9				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.537	40	
2	5.61	5.384	40	
3	5.61	5.654	40	
4	5.61	5.29	40	
5	5.61	5.71	40	
6	5.61	5.334	40	
7	5.61	5.626	40	*
8	5.61	5.583	40	
9	5.61	5.419	40	
10	5.61	5.526	40	
11	5.61	5.349	40	
12	5.61	5.619	40	*
13	5.61	5.277	40	
14	5.61	5.276	40	
15	5.61	5.38	40	
16	5.61	5.564	40	
17	5.61	5.566	40	
18	5.61	5.632	40	
19	5.61	5.472	40	
20	5.61	5.594	40	*
21	5.61	5.366	40	
22	5.61	5.574	40	
23	5.61	5.692	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 10				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.507	40	
2	5.61	5.358	40	
3	5.61	5.642	40	
4	5.61	5.503	40	
5	5.61	5.405	40	
6	5.61	5.404	40	
7	5.61	5.638	40	
8	5.61	5.334	40	
9	5.61	5.365	40	
10	5.61	5.513	40	
11	5.61	5.272	40	
12	5.61	5.455	40	
13	5.61	5.424	40	
14	5.61	5.711	40	
15	5.61	5.363	40	
16	5.61	5.565	40	
17	5.61	5.336	40	
18	5.61	5.633	40	
19	5.61	5.466	40	
20	5.61	5.273	40	
21	5.61	5.489	40	
22	5.61	5.717	40	
23	5.61	5.606	40	*

TYPE 6 PARAMETER SHEET				
Trial Number : 11				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.42	40	
2	5.61	5.607	40	*
3	5.61	5.605	40	*
4	5.61	5.549	40	
5	5.61	5.272	40	
6	5.61	5.541	40	
7	5.61	5.574	40	
8	5.61	5.66	40	
9	5.61	5.658	40	
10	5.61	5.573	40	
11	5.61	5.502	40	
12	5.61	5.337	40	
13	5.61	5.645	40	
14	5.61	5.612	40	*
15	5.61	5.57	40	
16	5.61	5.369	40	
17	5.61	5.592	40	*
18	5.61	5.271	40	
19	5.61	5.71	40	
20	5.61	5.682	40	
21	5.61	5.596	40	*
22	5.61	5.455	40	
23	5.61	5.602	40	*

TYPE 6 PARAMETER SHEET				
Trial Number : 12				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.433	40	
2	5.61	5.607	40	*
3	5.61	5.679	40	
4	5.61	5.481	40	
5	5.61	5.724	40	
6	5.61	5.256	40	
7	5.61	5.427	40	
8	5.61	5.577	40	
9	5.61	5.272	40	
10	5.61	5.596	40	*
11	5.61	5.417	40	
12	5.61	5.423	40	
13	5.61	5.598	40	*
14	5.61	5.705	40	
15	5.61	5.438	40	
16	5.61	5.376	40	
17	5.61	5.281	40	
18	5.61	5.626	40	*
19	5.61	5.288	40	
20	5.61	5.407	40	
21	5.61	5.573	40	
22	5.61	5.486	40	
23	5.61	5.674	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 13				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.458	40	
2	5.61	5.437	40	
3	5.61	5.266	40	
4	5.61	5.312	40	
5	5.61	5.647	40	
6	5.61	5.367	40	
7	5.61	5.621	40	*
8	5.61	5.523	40	
9	5.61	5.592	40	*
10	5.61	5.479	40	
11	5.61	5.402	40	
12	5.61	5.323	40	
13	5.61	5.422	40	
14	5.61	5.675	40	
15	5.61	5.314	40	
16	5.61	5.274	40	
17	5.61	5.706	40	
18	5.61	5.602	40	*
19	5.61	5.366	40	
20	5.61	5.487	40	
21	5.61	5.615	40	*
22	5.61	5.683	40	
23	5.61	5.446	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 14				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.496	40	
2	5.61	5.659	40	
3	5.61	5.67	40	
4	5.61	5.572	40	
5	5.61	5.462	40	
6	5.61	5.521	40	
7	5.61	5.724	40	
8	5.61	5.268	40	
9	5.61	5.42	40	
10	5.61	5.641	40	
11	5.61	5.627	40	*
12	5.61	5.505	40	
13	5.61	5.541	40	
14	5.61	5.606	40	*
15	5.61	5.705	40	
16	5.61	5.49	40	
17	5.61	5.55	40	
18	5.61	5.68	40	
19	5.61	5.335	40	
20	5.61	5.522	40	
21	5.61	5.398	40	
22	5.61	5.435	40	
23	5.61	5.389	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 15				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.362	40	
2	5.61	5.349	40	
3	5.61	5.525	40	
4	5.61	5.311	40	
5	5.61	5.366	40	
6	5.61	5.643	40	
7	5.61	5.308	40	
8	5.61	5.277	40	
9	5.61	5.48	40	
10	5.61	5.447	40	
11	5.61	5.467	40	
12	5.61	5.273	40	
13	5.61	5.315	40	
14	5.61	5.397	40	
15	5.61	5.264	40	
16	5.61	5.475	40	
17	5.61	5.44	40	
18	5.61	5.504	40	
19	5.61	5.255	40	
20	5.61	5.321	40	
21	5.61	5.342	40	
22	5.61	5.358	40	
23	5.61	5.579	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 16				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.392	40	
2	5.61	5.609	40	*
3	5.61	5.65	40	
4	5.61	5.425	40	
5	5.61	5.52	40	
6	5.61	5.278	40	
7	5.61	5.696	40	
8	5.61	5.433	40	
9	5.61	5.714	40	
10	5.61	5.282	40	
11	5.61	5.456	40	
12	5.61	5.334	40	
13	5.61	5.39	40	
14	5.61	5.599	40	*
15	5.61	5.661	40	
16	5.61	5.465	40	
17	5.61	5.638	40	
18	5.61	5.311	40	
19	5.61	5.422	40	
20	5.61	5.564	40	
21	5.61	5.273	40	
22	5.61	5.518	40	
23	5.61	5.524	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 17				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.626	40	*
2	5.61	5.706	40	
3	5.61	5.262	40	
4	5.61	5.648	40	
5	5.61	5.351	40	
6	5.61	5.503	40	
7	5.61	5.348	40	
8	5.61	5.637	40	
9	5.61	5.559	40	
10	5.61	5.557	40	
11	5.61	5.286	40	
12	5.61	5.427	40	
13	5.61	5.507	40	
14	5.61	5.287	40	
15	5.61	5.334	40	
16	5.61	5.257	40	
17	5.61	5.407	40	
18	5.61	5.493	40	
19	5.61	5.602	40	*
20	5.61	5.448	40	
21	5.61	5.628	40	*
22	5.61	5.454	40	
23	5.61	5.484	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 18				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.321	40	
2	5.61	5.664	40	
3	5.61	5.527	40	
4	5.61	5.412	40	
5	5.61	5.614	40	*
6	5.61	5.536	40	
7	5.61	5.285	40	
8	5.61	5.698	40	
9	5.61	5.51	40	
10	5.61	5.298	40	
11	5.61	5.369	40	
12	5.61	5.26	40	
13	5.61	5.27	40	
14	5.61	5.665	40	
15	5.61	5.521	40	
16	5.61	5.39	40	
17	5.61	5.594	40	*
18	5.61	5.632	40	
19	5.61	5.701	40	
20	5.61	5.473	40	
21	5.61	5.606	40	*
22	5.61	5.376	40	
23	5.61	5.602	40	*

TYPE 6 PARAMETER SHEET				
Trial Number : 19				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.512	40	
2	5.61	5.505	40	
3	5.61	5.47	40	
4	5.61	5.491	40	
5	5.61	5.692	40	
6	5.61	5.53	40	
7	5.61	5.336	40	
8	5.61	5.649	40	
9	5.61	5.278	40	
10	5.61	5.307	40	
11	5.61	5.477	40	
12	5.61	5.484	40	
13	5.61	5.314	40	
14	5.61	5.655	40	
15	5.61	5.481	40	
16	5.61	5.429	40	
17	5.61	5.54	40	
18	5.61	5.396	40	
19	5.61	5.501	40	
20	5.61	5.277	40	
21	5.61	5.324	40	
22	5.61	5.684	40	
23	5.61	5.582	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 20				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.341	40	
2	5.61	5.567	40	
3	5.61	5.368	40	
4	5.61	5.513	40	
5	5.61	5.255	40	
6	5.61	5.522	40	
7	5.61	5.631	40	
8	5.61	5.477	40	
9	5.61	5.292	40	
10	5.61	5.524	40	
11	5.61	5.7	40	
12	5.61	5.695	40	
13	5.61	5.442	40	
14	5.61	5.264	40	
15	5.61	5.552	40	
16	5.61	5.274	40	
17	5.61	5.315	40	
18	5.61	5.414	40	
19	5.61	5.32	40	
20	5.61	5.302	40	
21	5.61	5.327	40	
22	5.61	5.555	40	
23	5.61	5.679	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 21				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.291	40	
2	5.61	5.406	40	
3	5.61	5.567	40	
4	5.61	5.276	40	
5	5.61	5.612	40	*
6	5.61	5.317	40	
7	5.61	5.542	40	
8	5.61	5.385	40	
9	5.61	5.343	40	
10	5.61	5.658	40	
11	5.61	5.547	40	
12	5.61	5.481	40	
13	5.61	5.5	40	
14	5.61	5.356	40	
15	5.61	5.584	40	
16	5.61	5.69	40	
17	5.61	5.598	40	*
18	5.61	5.513	40	
19	5.61	5.641	40	
20	5.61	5.327	40	
21	5.61	5.573	40	
22	5.61	5.439	40	
23	5.61	5.268	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 22				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.524	40	
2	5.61	5.441	40	
3	5.61	5.495	40	
4	5.61	5.296	40	
5	5.61	5.533	40	
6	5.61	5.498	40	
7	5.61	5.325	40	
8	5.61	5.527	40	
9	5.61	5.323	40	
10	5.61	5.557	40	
11	5.61	5.562	40	
12	5.61	5.387	40	
13	5.61	5.424	40	
14	5.61	5.615	40	*
15	5.61	5.669	40	
16	5.61	5.427	40	
17	5.61	5.36	40	
18	5.61	5.374	40	
19	5.61	5.625	40	*
20	5.61	5.311	40	
21	5.61	5.478	40	
22	5.61	5.259	40	
23	5.61	5.3	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 23				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.41	40	
2	5.61	5.379	40	
3	5.61	5.549	40	
4	5.61	5.571	40	
5	5.61	5.72	40	
6	5.61	5.678	40	
7	5.61	5.546	40	
8	5.61	5.438	40	
9	5.61	5.537	40	
10	5.61	5.473	40	
11	5.61	5.486	40	
12	5.61	5.719	40	
13	5.61	5.509	40	
14	5.61	5.59	40	*
15	5.61	5.429	40	
16	5.61	5.442	40	
17	5.61	5.687	40	
18	5.61	5.646	40	
19	5.61	5.406	40	
20	5.61	5.697	40	
21	5.61	5.424	40	
22	5.61	5.298	40	
23	5.61	5.474	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 24				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.291	40	
2	5.61	5.7	40	
3	5.61	5.467	40	
4	5.61	5.294	40	
5	5.61	5.572	40	
6	5.61	5.346	40	
7	5.61	5.642	40	
8	5.61	5.431	40	
9	5.61	5.545	40	
10	5.61	5.378	40	
11	5.61	5.656	40	
12	5.61	5.521	40	
13	5.61	5.631	40	
14	5.61	5.499	40	
15	5.61	5.563	40	
16	5.61	5.436	40	
17	5.61	5.428	40	
18	5.61	5.628	40	*
19	5.61	5.399	40	
20	5.61	5.646	40	
21	5.61	5.673	40	
22	5.61	5.409	40	
23	5.61	5.515	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 25				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.65	40	
2	5.61	5.661	40	
3	5.61	5.649	40	
4	5.61	5.593	40	*
5	5.61	5.542	40	
6	5.61	5.392	40	
7	5.61	5.399	40	
8	5.61	5.554	40	
9	5.61	5.693	40	
10	5.61	5.623	40	*
11	5.61	5.714	40	
12	5.61	5.405	40	
13	5.61	5.271	40	
14	5.61	5.626	40	*
15	5.61	5.488	40	
16	5.61	5.676	40	
17	5.61	5.456	40	
18	5.61	5.411	40	
19	5.61	5.601	40	*
20	5.61	5.323	40	
21	5.61	5.698	40	
22	5.61	5.433	40	
23	5.61	5.592	40	*

TYPE 6 PARAMETER SHEET				
Trial Number : 26				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.395	40	
2	5.61	5.535	40	
3	5.61	5.553	40	
4	5.61	5.443	40	
5	5.61	5.506	40	
6	5.61	5.436	40	
7	5.61	5.462	40	
8	5.61	5.597	40	*
9	5.61	5.423	40	
10	5.61	5.342	40	
11	5.61	5.69	40	
12	5.61	5.389	40	
13	5.61	5.668	40	
14	5.61	5.324	40	
15	5.61	5.4	40	
16	5.61	5.42	40	
17	5.61	5.398	40	
18	5.61	5.644	40	
19	5.61	5.255	40	
20	5.61	5.353	40	
21	5.61	5.569	40	
22	5.61	5.494	40	
23	5.61	5.51	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 27				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.432	40	
2	5.61	5.682	40	
3	5.61	5.519	40	
4	5.61	5.473	40	
5	5.61	5.319	40	
6	5.61	5.534	40	
7	5.61	5.498	40	
8	5.61	5.639	40	
9	5.61	5.575	40	
10	5.61	5.451	40	
11	5.61	5.684	40	
12	5.61	5.721	40	
13	5.61	5.303	40	
14	5.61	5.25	40	
15	5.61	5.453	40	
16	5.61	5.511	40	
17	5.61	5.662	40	
18	5.61	5.669	40	
19	5.61	5.342	40	
20	5.61	5.7	40	
21	5.61	5.672	40	
22	5.61	5.548	40	
23	5.61	5.555	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 28				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.358	40	
2	5.61	5.644	40	
3	5.61	5.372	40	
4	5.61	5.491	40	
5	5.61	5.557	40	
6	5.61	5.577	40	
7	5.61	5.525	40	
8	5.61	5.258	40	
9	5.61	5.497	40	
10	5.61	5.455	40	
11	5.61	5.621	40	*
12	5.61	5.512	40	
13	5.61	5.502	40	
14	5.61	5.708	40	
15	5.61	5.448	40	
16	5.61	5.368	40	
17	5.61	5.398	40	
18	5.61	5.511	40	
19	5.61	5.395	40	
20	5.61	5.303	40	
21	5.61	5.498	40	
22	5.61	5.304	40	
23	5.61	5.653	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 29				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.396	40	
2	5.61	5.384	40	
3	5.61	5.318	40	
4	5.61	5.42	40	
5	5.61	5.609	40	*
6	5.61	5.551	40	
7	5.61	5.548	40	
8	5.61	5.35	40	
9	5.61	5.296	40	
10	5.61	5.589	40	
11	5.61	5.666	40	
12	5.61	5.704	40	
13	5.61	5.627	40	*
14	5.61	5.46	40	
15	5.61	5.449	40	
16	5.61	5.475	40	
17	5.61	5.417	40	
18	5.61	5.491	40	
19	5.61	5.665	40	
20	5.61	5.623	40	*
21	5.61	5.545	40	
22	5.61	5.391	40	
23	5.61	5.453	40	

TYPE 6 PARAMETER SHEET				
Trial Number : 30				
Bursts in Trial: 100				
Burst	Carrier (GHz)	Hop (GHz)	DUT BW (MHz)	Within RX
1	5.61	5.599	40	*
2	5.61	5.428	40	
3	5.61	5.407	40	
4	5.61	5.679	40	
5	5.61	5.538	40	
6	5.61	5.283	40	
7	5.61	5.632	40	
8	5.61	5.296	40	
9	5.61	5.422	40	
10	5.61	5.622	40	*
11	5.61	5.621	40	*
12	5.61	5.72	40	
13	5.61	5.3	40	
14	5.61	5.667	40	
15	5.61	5.459	40	
16	5.61	5.66	40	
17	5.61	5.414	40	
18	5.61	5.412	40	
19	5.61	5.289	40	
20	5.61	5.524	40	
21	5.61	5.628	40	*
22	5.61	5.454	40	
23	5.61	5.68	40	