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Dynamic Frequency Selection Test Report

EUT Name: Wi-Fi Router

Model No.: B010001 (USA), B010002 (IC)

CFR 47 Part 15.407(h) 2017, RSS-247 (6.3) 2017 and KDB 905462 D02 UNII DFS
Compliance Procedures New Rules v02

Prepared for:

Clifford Clarke
eero inc.
500 Howard Street, Suite 900
San Francisco, CA 94105
Tel: (415) 738-7972
Fax:

Prepared by:

TUV Rheinland of North America, Inc.
1279 Quarry Lane, Ste. A
Pleasanton, CA 94566
Tel: (925) 249-9123
Fax: (925) 249-9124
<http://www.tuv.com/>

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Statement of Compliance

Manufacturer: eero inc.
500 Howard Street, Suite 900
San Francisco, CA 94105
(415) 738-7972

Requester / Applicant: Clifford Clarke
Name of Equipment: Wi-Fi Router
Model No. B010001 (USA), B010002 (IC)
Type of Equipment: Intentional Radiator
Application of Regulations: CFR 47 Part 15.407(h) 2017, RSS-247 (6.3) 2017 and KDB 905462
D02 UNII DFS Compliance Procedures New Rules v02

Test Dates: August 02, 2017 to September 14, 2017

Guidance Documents:

Dynamic Frequency Selection: CFR47 Part 2 and 15.407(h), RSS-247 (6.3) 2017, KDB 905462
D02 UNII DFS Compliance Procedures New Rules v02

Test Methods:

Dynamic Frequency Selection: CFR47 Part 2 and 15.407(h), RSS-247 (6.3) 2017, KDB 905462
D02 UNII DFS Compliance Procedures New Rules v02

The Dynamic Frequency Selection test and documented data described in this report has been performed and recorded by TUV Rheinland, in accordance with the standards and procedures listed herein. As the responsible authorized agent of the EMC laboratory, I hereby declare that the equipment described above has been shown to be compliant with the EMC requirements of the stated regulations and standards based on these results. If any special accessories and/or modifications were required for compliance, they are listed in the Executive Summary of this report.

This report must not be used to claim product endorsement by A2LA or any agency of the U.S. Government. This report contains data that are not covered by A2LA accreditation. This report shall not be reproduced except in full, without the written authorization of TUV Rheinland of North America.

<u>Kerwinn Corpuz</u>	<u>September 23, 2017</u>	<u>David Spencer</u>	<u>September 23, 2017</u>
Test Engineer	Date	Laboratory Signatory	Date



**INDUSTRY
CANADA**

Testing Cert #3331.02

US1131

2932M

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1 Executive Summary

1.1 Scope

This report is intended to document the status of conformance with the requirements of the CFR 47 Part 15.407(h) 2017, RSS-247 (6.3) 2017 and KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 based on the results of testing performed on August 02, 2017 through September 14, 2017 on the Wi-Fi Router Model B010001 (USA), B010002 (IC) manufactured by eero inc.. This report only applies to the specific samples tested under the stated test conditions. It is the responsibility of the manufacturer to assure that additional production units of this model are manufactured with identical or EMI equivalent electrical and mechanical components. This report is further intended to document changes and modifications to the EUT throughout its life cycle. All documentation will be included as a supplement.

1.2 Purpose

Testing was performed to evaluate the dynamic frequency selection performance of the Wi-Fi Router in accordance with the applicable requirements, procedures, and criteria defined in the application of regulations and application of standards listed in this report.

1.3 Summary of Test Results

Table 1: Summary of Test Results for Master Device Mode

Requirements	Test Method KDB 905462	Description	Test Parameters	Measured Value	Result
20 MHz Bandwidth					
Detection Threshold	Sect. 7.8.1	EUT Min. Detection Level	-64 dBm \geq 200 mW -62 dBm <200 mW	-64.09 dBm	Complied
Detection Bandwidth	Sect. 7.8.1	U-NII Detection Bandwidth	Min 100% of 99% BW.	20 MHz (detected bandwidth)	Complied
Performance Requirements Check	Sect. 7.8.2.1	Initial Channel Check	CAC \geq 60s	See 80 MHz BW test result	Complied
	Sect. 7.8.2.2	Burst Radar at the beginning	150s (2.5min)	See 80 MHz BW test result	Complied
	Sect. 7.8.2.3	Burst Radar at the End	150s (2.5min)	See 80 MHz BW test result	Complied
In-Service Monitoring	Sect. 7.8.3	Channel Moving Time	CMT \leq 10s	See 80 MHz BW test result	Complied
		Channel Closing Time Transmission	200 ms + an agg. Of 60 ms over remaining 10s.	See 80 MHz BW test result	Complied
		Non-Occupancy Period	\geq 30 min.	See 80 MHz BW test result	Complied
Radar Statistic Performance Check	Sect. 7.8.4	Waveform 1 - 4 Detections	60% in 30 trials 80% of Aggregate	Type 1A – 100% Type 1B – 100% Type 2 – 90.0% Type 3 – 70.0% Type 4 – 66.7% Aggre.1- 4 – 81.7%	Complied
		Waveform 5 Detections	80% in 30 trials	Type 5 – 90%	
		Waveform 6 Detections	70% in 30 trials	Type 6 – 100%	
Transmit Power Control	CFR47 15.407 (h)(1)		6 dB below 30 dBm EIRP or less than 500 mW.	Manufacturer's Statement	Complied
Uniform Spreading	CFR47 15.407 (h)(2)		Manufacturer's Statement		Complied
40 MHz Bandwidth					
Detection Threshold	Sect. 7.8.1	EUT Min. Detection Level	-64 dBm \geq 200 mW -62 dBm <200 mW	-64.05 dBm	Complied
Detection Bandwidth	Sect. 7.8.1	U-NII Detection Bandwidth	Min 100% of 99% BW.	40 MHz (detected bandwidth)	Complied
Performance Requirements Check	Sect. 7.8.2.1	Initial Channel Check	CAC \geq 60s	See 80 MHz BW test result	Complied
	Sect. 7.8.2.2	Burst Radar at the beginning	150s (2.5min)	See 80 MHz BW test result	Complied
	Sect. 7.8.2.3	Burst Radar at the End	150s (2.5min)	See 80 MHz BW test result	Complied
In Service Monitoring	Sect. 7.8.3	Channel Moving Time	CMT \leq 10s	See 80 MHz BW test result	Complied

In-Service Monitoring		Channel Closing Time Transmission	200 ms + an agg. Of 60 ms over remaining 10s.	See 80 MHz BW test result	Complied
		Non-Occupancy Period	≥ 30 min.	See 80 MHz BW test result	Complied
Radar Statistic Performance Check	Sect. 7.8.4	Waveform 1 - 4 Detections	60% in 30 trials 80% of Aggregate	Type 1A – 100% Type 1B – 100% Type 2 – 100% Type 3 – 66.7% Type 4 – 90% Aggre.1- 4 – 89 %	Complied
		Waveform 5 Detections	80% in 30 trials	Type 5 – 96.7%	
		Waveform 6 Detections	70% in 30 trials	Type 6 – 100%	
Transmit Power Control	CFR47 15.407 (h)(1)		6 dB below 30 dBm EIRP or less than 500 mW.	Manufacturer's Statement	Complied
Uniform Spreading	CFR47 15.407 (h)(2)		Manufacturer's Statement		Complied
80 MHz Bandwidth					
Detection Threshold	Sect. 7.8.1	EUT Min. Detection Level	-64 dBm ≥ 200 mW -62 dBm <200 mW	-64.06 dBm	Complied
Detection Bandwidth	Sect. 7.8.1	U-NII Detection Bandwidth	Min 100% of 99% BW.	80 MHz (detected bandwidth)	Complied
Performance Requirements Check	Sect. 7.8.2.1	Initial Channel Check	CAC ≥ 60s	After 2.23 seconds	Complied
	Sect. 7.8.2.2	Burst Radar at the beginning	150s (2.5min)	Inject at 5.02 seconds	Complied
	Sect. 7.8.2.3	Burst Radar at the End	150s (2.5min)	Inject at 59.74 seconds	Complied
In-Service Monitoring	Sect. 7.8.3	Channel Moving Time	CMT ≤ 10s	24.21 ms	Complied
		Channel Closing Time Transmission	200 ms + an agg. Of 60 ms over remaining 10s.	5.10 ms	Complied
		Non-Occupancy Period	≥ 30 min.	> 30 min.	Complied
Radar Statistic Performance Check	Sect. 7.8.4	Waveform 1 - 4 Detections	60% in 30 trials 80% of Aggregate	Type 1A – 93.3% Type 1B – 93.3% Type 2 – 83.3% Type 3 – 73.3% Type 4 – 93.3% Aggre.1- 4 – 85.8%	Complied
		Waveform 5 Detections	80% in 30 trials	Type 5 – 96.7%	
		Waveform 6 Detections	70% in 30 trials	Type 6 – 100%	
Transmit Power Control	CFR47 15.407 (h)(1)		6 dB below 30 dBm EIRP or less than 500 mW.	Manufacturer's Statement	Complied

Uniform Spreading	CFR47 15.407 (h)(2)		Manufacturer's Statement		Complied
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*Both UNII-2A and UNII-2C were evaluated and compliant. Only UNII-2A test results applied in this test report to minimize file size.

1.4 Special Accessories

No special accessories were necessary in order to achieve compliance.

1.5 Equipment Modifications

None.

2 Laboratory Information

2.1 Accreditations & Endorsements

2.1.1 US Federal Communications Commission



TUV Rheinland of North America at 1279 Quarry Ln, Pleasanton, CA 94566 is recognized by the commission for performing testing services for the general public on a fee basis. These laboratory test facilities have been fully described in reports submitted to and accepted by the FCC (US1131). The laboratory scope of accreditation includes: Title 47 CFR Parts 15, 18, and 90. The accreditation is updated every 3 years.

2.1.2 A2LA



TUV Rheinland of North America is accredited by the National Voluntary Laboratory Accreditation Program, which is administered under the auspices of the National Institute of Standards and Technology. The laboratory has been assessed and accredited in accordance with ISO Guide 17025:2005 and ISO 9002 (Lab Code Testing Cert #3331.02). The scope of laboratory accreditation includes emission and immunity testing. The accreditation is updated annually.

2.1.3 Canada – Industry Canada



TUV Rheinland of North America at the 1279 Quarry Ln, Pleasanton, CA 94566 address is accredited by Industry Canada for performing testing services for the general public on a fee basis. This laboratory test facilities have been fully described in reports submitted to and accepted by Industry Canada (File Number 2932M). This reference number is the indication to the Industry Canada Certification Officers that the site meets the requirements of RSS 212, Issue 1 (Provisional). The accreditation is updated every 3 years.

2.1.4 Japan – VCCI



The Voluntary Control Council for Interference by Information Technology Equipment (VCCI) is a group that consists of Information Technology Equipment (ITE) manufacturers and EMC test laboratories. The purpose of the Council is to take voluntary control measures against electromagnetic interference from Information Technology Equipment, and thereby contribute to the development of a socially beneficial and responsible state of affairs in the realm of Information Technology Equipment in Japan. TUV Rheinland of North America at 1279 Quarry Ln, Pleasanton, CA 94566 has been assessed and approved in accordance with the Regulations for Voluntary Control Measures.

VCCI Registration No. for Pleasanton: A-0268

2.1.5 Acceptance by Mutual Recognition Arrangement



The United States has an established agreement with specific countries under the Asia Pacific Laboratory Accreditation Corporation (APLAC) Mutual Recognition Arrangement. Under this agreement, all TUV Rheinland at 1279 Quarry Lane, Pleasanton, CA 94566 test results and test reports within the scope of the laboratory A2LA accreditation will be accepted by each member country.

2.2 Test Facilities

All of the test facilities are located at 1279 Quarry Lane, Pleasanton, California 94566, USA.

2.2.1 Emission Test Facility

The Semi-Anechoic chamber and AC Line Conducted measurement facility used to collect the radiated and conducted data has been constructed in accordance with ANSI C63.7:1992. The site has been measured in accordance with and verified to comply with the theoretical normalized site attenuation requirements of ANSI C63.4-2014, at a test distance of 3 and 5 meters. The site is listed with the FCC and accredited by A2LA (Lab Code US1131). The 3/5-meter semi-anechoic chamber used to collect the radiated data has been verified to comply with the theoretical normalized site attenuation requirements of ANSI C63.4-2014, at a test distance of 3 meter and 5 meters. A report detailing this site can be obtained from TUV Rheinland of North America.

2.2.2 Immunity Test Facility

ESD, EFT, Surge, PQF: These tests are performed in an environmentally controlled room with a 3.7 m x 4.8 m x 3.175 mm thick aluminum floor connected to PE ground.

For ESD testing, tabletop equipment is placed on an insulated mat with a surface resistivity of 10^9 Ohms/square on a 1.6 m x 0.8 m x 0.8 m high non-conductive table with a 3.175 mm aluminum top (Horizontal Coupling Plane). The HCP is connected to the main ground plane via a low impedance ground strap through two 470-k Ω resistors. The Vertical Coupling Plane consists of an aluminum plate 50 cm x 50 cm x 3.175 mm thick. The VCP is connected to the main ground plane via a low impedance ground strap through two 470-k Ω resistors.

For EFT, Surge, PQF, the HCP and VCP are removed.

RF Field Immunity testing is performed in a 7.3m x 4.3m x 4.1m anechoic chamber.

RF Conducted and Magnetic Field Immunity testing is performed on a 4.8m x 3.7m x 3.175mm thick aluminum ground plane.

All test areas allow a minimum distance of 1 meter from the EUT to walls or conducting objects.

2.3 Measurement Uncertainty

Two types of measurement uncertainty are expressed in this report, per *ISO Guide To The Expression Of Uncertainty In Measurement*, 1st Edition, 1995.

The Combined Standard Uncertainty is the standard uncertainty of the result of a measurement when that result is obtained from the values of a number of other quantities; it is equal to the positive square root of the sum of the variances or co-variances of these other quantities, weighted according to how the measurement result varies with changes in these quantities. The term *standard uncertainty* is the result of a measurement expressed as a standard deviation.

2.3.1 Sample Calculation – radiated & conducted emissions

The field strength is calculated by subtracting the Amplifier Gain and adding the Cable Loss and Antenna Correction Factor to the measured reading. The basic equation is as follows:

$$\text{Field Strength (dB}\mu\text{V/m)} = \text{RAW} - \text{AMP} + \text{CBL} + \text{ACF}$$

Where: RAW = Measured level before correction (dB μ V)

AMP = Amplifier Gain (dB)

CBL = Cable Loss (dB)

ACF = Antenna Correction Factor (dB/m)

$$\mu\text{V/m} = 10^{\frac{\text{dB}\mu\text{V/m}}{20}}$$

Sample radiated emissions calculation @ 30 MHz

Measurement +Antenna Factor–Amplifier Gain+Cable loss=Radiated Emissions (dBuV/m)

$$25 \text{ dBuV/m} + 17.5 \text{ dB} - 20 \text{ dB} + 1.0 \text{ dB} = 23.5 \text{ dBuV/m}$$

2.3.2 Measurement Uncertainty

Per CISPR 16-4-2	U _{lab}	U _{cispr}
Radiated Disturbance @ 10 meters		
30 – 1,000 MHz	2.25 dB	4.51 dB
Radiated Disturbance @ 3 meters		
30 – 1,000 MHz	2.26 dB	4.52 dB
1 – 6 GHz	2.12 dB	4.25 dB
6 – 18 GHz	2.47 dB	4.93 dB
Conducted Disturbance @ Mains Terminals		
150 kHz – 30 MHz	1.09 dB	2.18 dB
Disturbance Power		

30 MHz – 300 MHz	3.92 dB	4.3 dB
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Voltech PM6000A

The estimated combined standard uncertainty for harmonic current and flicker measurements is $\pm 5.0\%$.	Per CISPR 16-4-2 Methods
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2.3.3 Measurement Uncertainty Immunity

The estimated combined standard uncertainty for ESD immunity measurements is $\pm 8.2\%$.	Per IEC 61000-4-2
The estimated combined standard uncertainty for radiated immunity measurements is ± 4.10 dB.	Per IEC 61000-4-3
The estimated combined standard uncertainty for conducted immunity measurements with CDN is ± 3.66 dB	Per IEC 61000-4-6
The estimated combined standard uncertainty for power frequency magnetic field immunity is $\pm 2.9\%$.	Per IEC 61000-4-8

Thermo KeyTek EMC Pro

The estimated combined standard uncertainty for EFT fast transient immunity measurements is $\pm 2.6\%$.
The estimated combined standard uncertainty for surge immunity measurements is $\pm 2.6\%$.
The estimated combined standard uncertainty for voltage variation and interruption measurements is $\pm 1.74\%$.

The expanded uncertainty at a level of 95% confidence is obtained by multiplying the combined standard uncertainty by a coverage factor of 2. Compliance criteria are not based on measurement uncertainty.

2.4 Calibration Traceability

All measurement instrumentation is traceable to the National Institute of Standards and Technology (NIST). Measurement method complies with ANSI/NCSL Z540-1-1994 and ISO Standard 17025:2005. Equipment calibration records are kept on file at the test facility.

3 Product Information

3.1 Product Description

The Model B010001 (USA), B010002 (IC), Wi-Fi Router, is a Wi-Fi router for the home capable of operating in the 2.4 GHz and 5 GHz frequency bands over 20 MHz, 40 MHz and 80 MHz channels.

3.2 Equipment Configuration

A description of the equipment configuration is given in the Test Plan Section. The EUT was tested as called for in the test standard and was configured and operated in a manner consistent with its intended use. The EUT was connected to rated power and allowed to reach intended operating conditions. The placement of the EUT system components was guided by the test standard and selected to represent typical installation conditions.

In the case of an EUT that can operate in more than one configuration, preliminary testing was performed to determine the configuration that produced maximum radiation.

The final configuration was selected to produce the worst case radiation for emissions testing and to place the EUT in the most susceptible state for immunity testing.

3.3 Operating Mode

A description of the operation mode is given in the Test Plan Section. In the case of an EUT that can operate in more than one state, preliminary testing was performed to determine the operating mode that produced maximum radiation.

The final operating mode was selected to produce the worst case radiation for emissions testing and to place the EUT in the most susceptible state for immunity testing.

The final operating mode was selected to produce the worst case radiation for emissions testing and to place the EUT in the most susceptible state for immunity testing.

4 Dynamic Frequency Selection

Testing was performed in accordance with CFR47 Part 2 and 15.407(h), RSS-247 (6.3) 2017, KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02. These test methods are listed under the laboratory's A2LA Scope of Accreditation. This test measures and verifies the characteristics and probability of EUT to switch to different operating channel, once the radar signal is detected. Procedures described in KDB 905462 D02 UNII DFS Compliance Procedure New Rules v02 were used.

4.1 DFS Applicability

All devices operated in the frequency range of 5250 MHz-5350 MHz and 5470 MHz-5725MHz must equip with the DFS mechanism. Based on the operational mode of Wi-Fi Router Mode B010001 (USA), B010002 (IC), the following requirements shall apply per KDB 905462 D02 procedures.

Table 2: Applicability of DFS Requirements Prior to Use of a Channel

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

Table 3: Applicability of DFS requirements during normal operation

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

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

Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channel and the channel center frequencies.

4.2 DFS Requirements

Based on the applicability of *eero inc.*, Model B010001 (USA), B010002 (IC), the following parameters and probability must be tested for conformance.

Table 4: DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection

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

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.
Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.
Note 3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

Table 5: 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 + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.

Note 1: Channel Move Time and the Channel Closing Transmission should be performed with Radar Type 0. The measurement timing begin 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 is used and for each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

Table 6: 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 $\{(1/360)*(19*10^6/PRI_{\mu\text{sec}})\}$	60%	30
		Test B: 15 unique PRI values randomly selected within the range of 518-3066 uSec, with a minimum increment of 1 uSec, excluding PRI values selected in Test 1A			
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.					

Table 7: Pulse Repetition Intervals Value for Test A

Pulse Repetition Frequency Number	Pulse Repetition Frequency (Pulse per Second)	Pulse Repetition Interval (Microseconds)
1	1930.5	518
2	1858.7	538
3	1792.1	558
4	1730.1	578
5	1672.2	598
6	1618.1	618
7	1567.4	638
8	1519.8	658
9	1474.9	678

10	1432.7	698
11	1392.8	718
12	1355	738
13	1319.3	758
14	1285.3	778
15	1253.1	798
16	1222.5	818
17	1193.3	838
18	1165.6	858
19	1139	878
20	1113.6	898
21	1089.3	918
22	1066.1	938
23	326.2	3066

Table 8: Long Pulse Radar Test Waveform

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

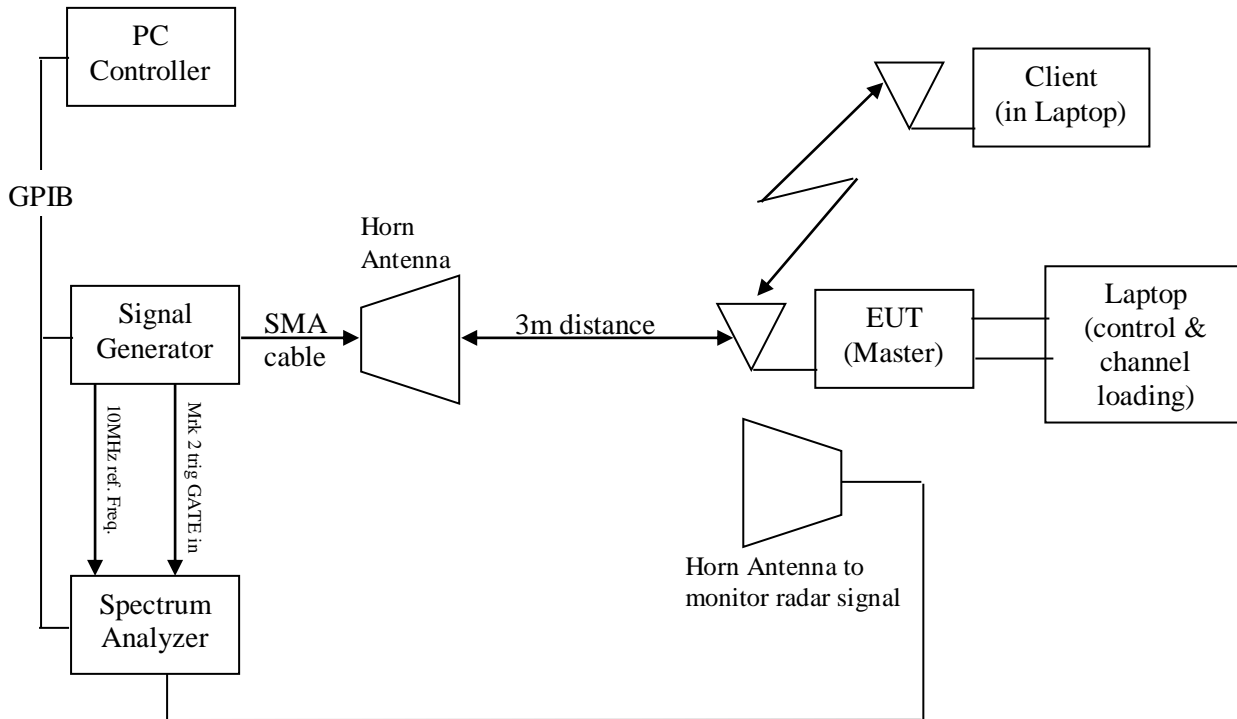
Table 9: Frequency Hopping Radar Test Waveform

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

4.3 Test Setup Protocol

The following test setup was used to evaluate the Wi-Fi Router Model B010001 (USA), B010002 (IC) for DFS conformance.

Dynamic Frequency Selection in 5 GHz Radiated Setup:



4.4 Radar Waveform Calibration Plot

All six radar waveforms verified at the 5260 MHz, 5270 MHz, and 5290 MHz center frequency using radiated method. These waveforms were compensated for the path loss as offset on spectrum analyzer.

Frequencies 5530MHz, 5670 MHz, and 5680MHz were also verified.

The radar signal levels below are calibrated to be less than -63 dBm for EUT threshold detection.

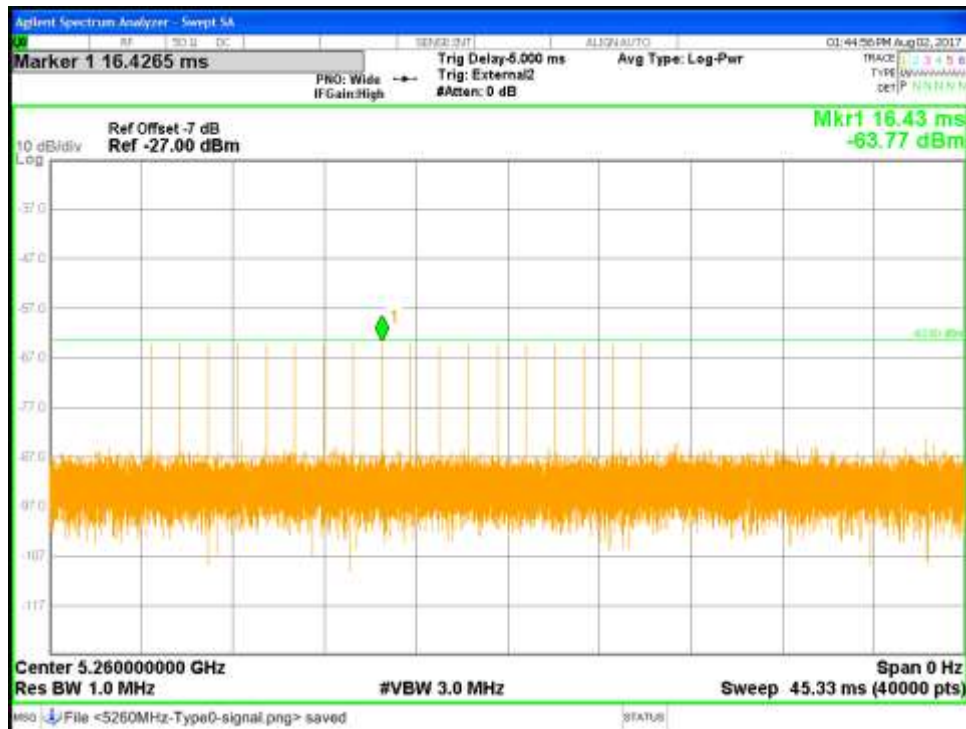


Figure 1: Radar Type 0 DFS Detection Threshold Level at 5260 MHz

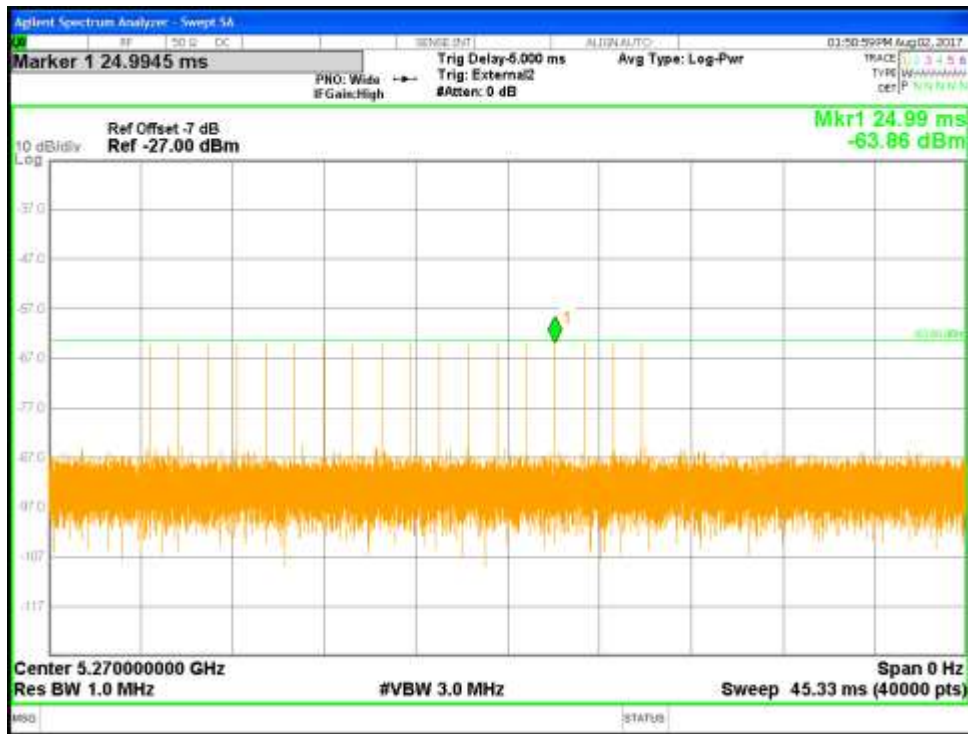


Figure 2: Radar Type 0 DFS Detection Threshold Level at 5270 MHz

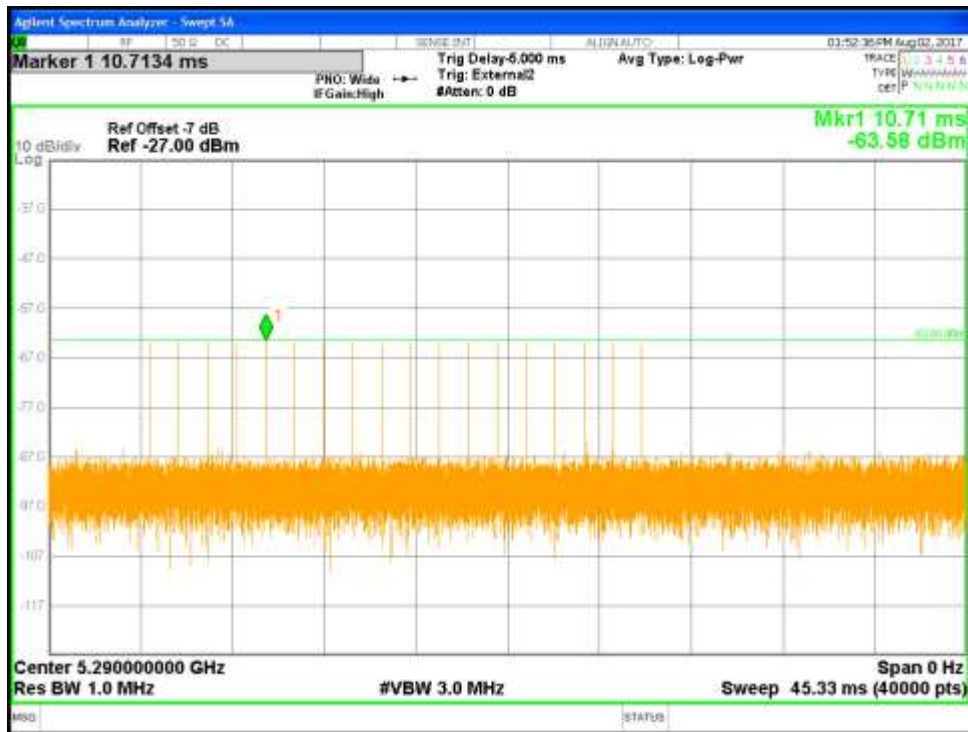


Figure 3: Radar Type 0 DFS Detection Threshold Level at 5290 MHz

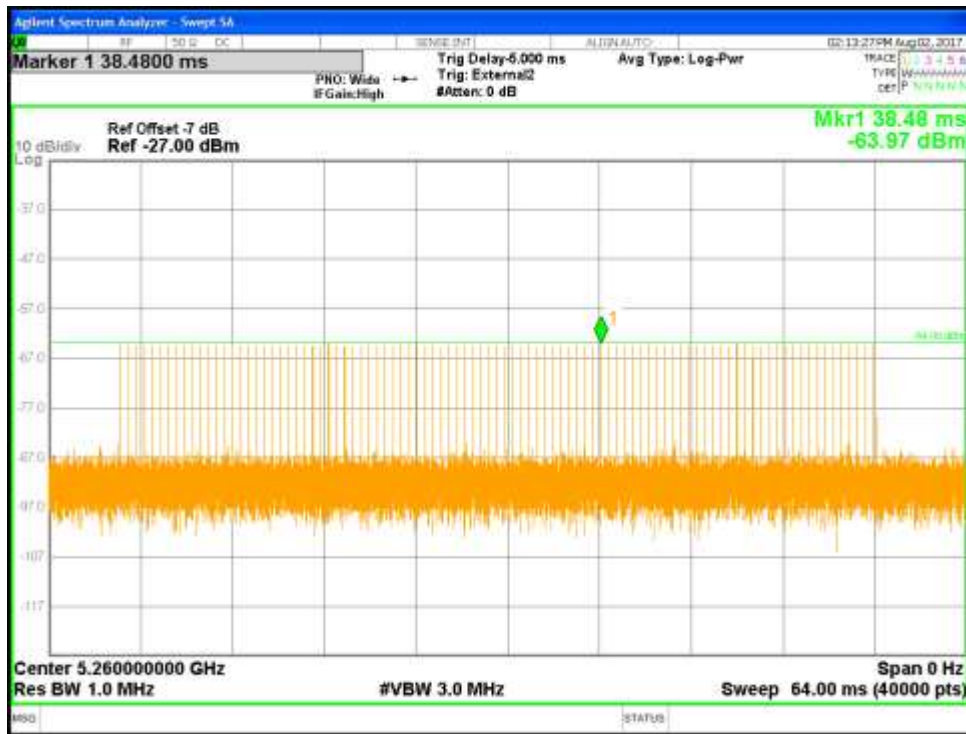


Figure 4: Radar Type 1A DFS Detection Threshold Level at 5260 MHz

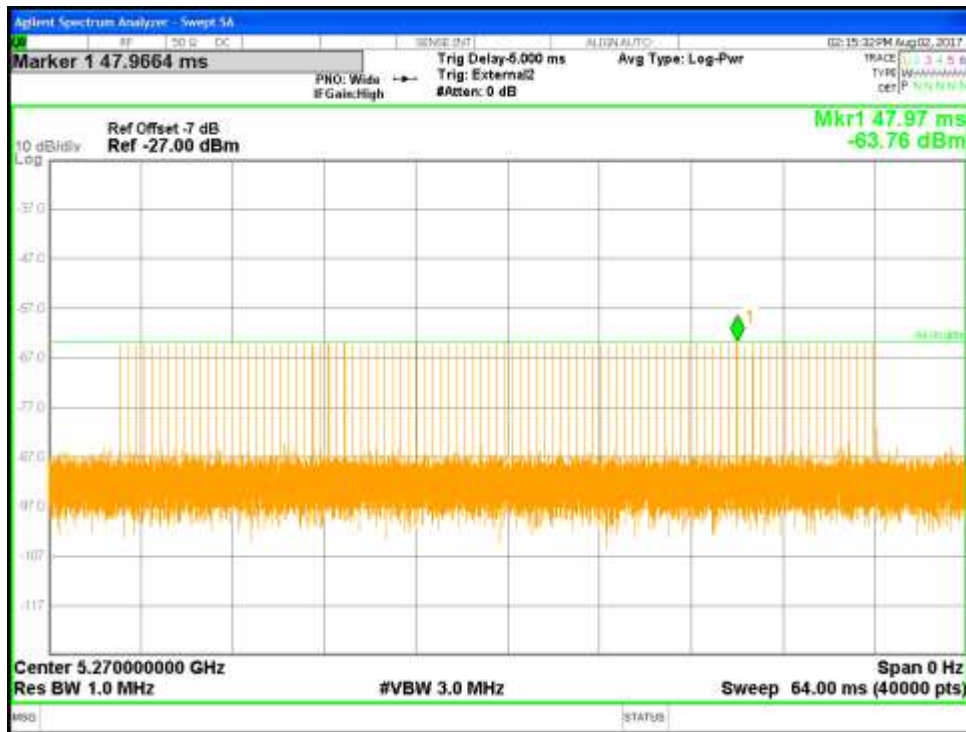


Figure 5: Radar Type 1A DFS Detection Threshold Level at 5270 MHz

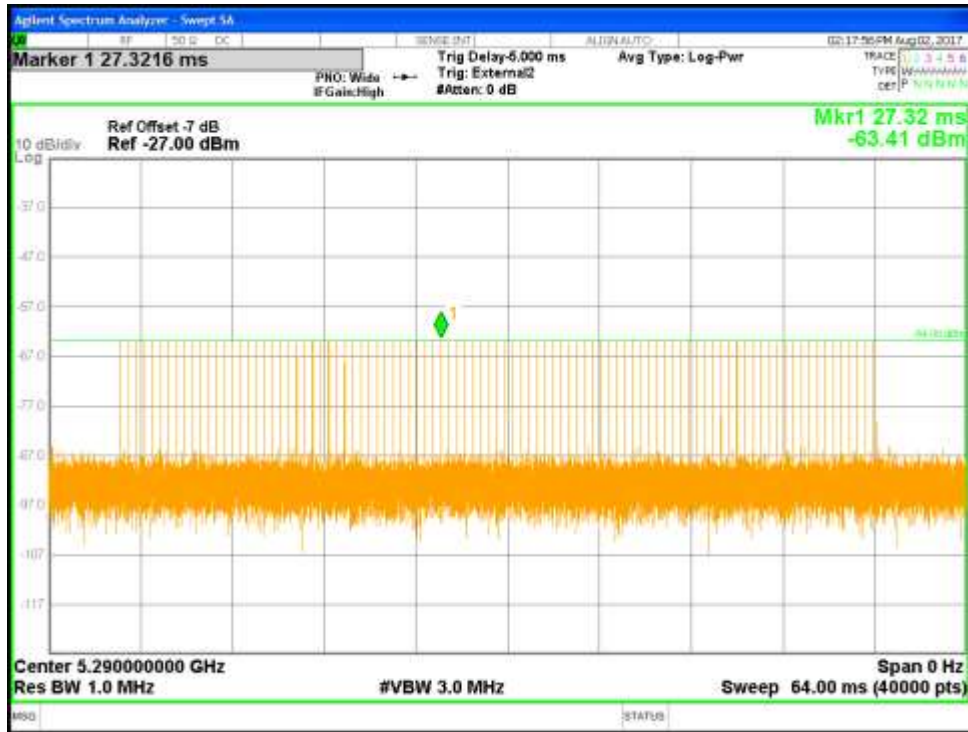


Figure 6: Radar Type 1A DFS Detection Threshold Level at 5290 MHz

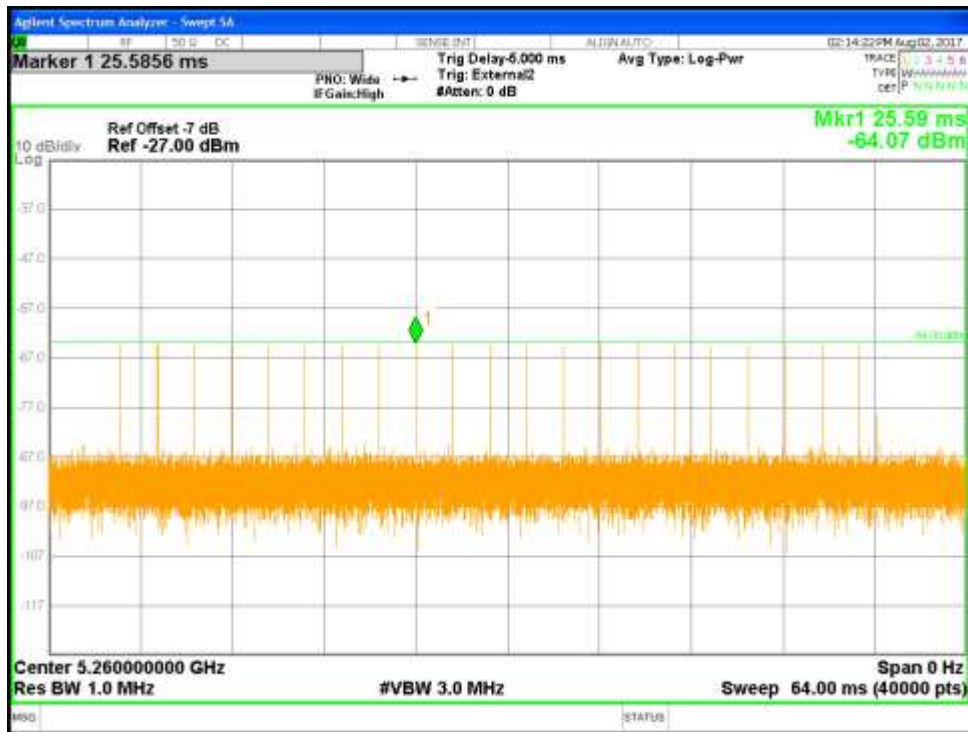


Figure 7: Radar Type 1B DFS Detection Threshold Level at 5260 MHz

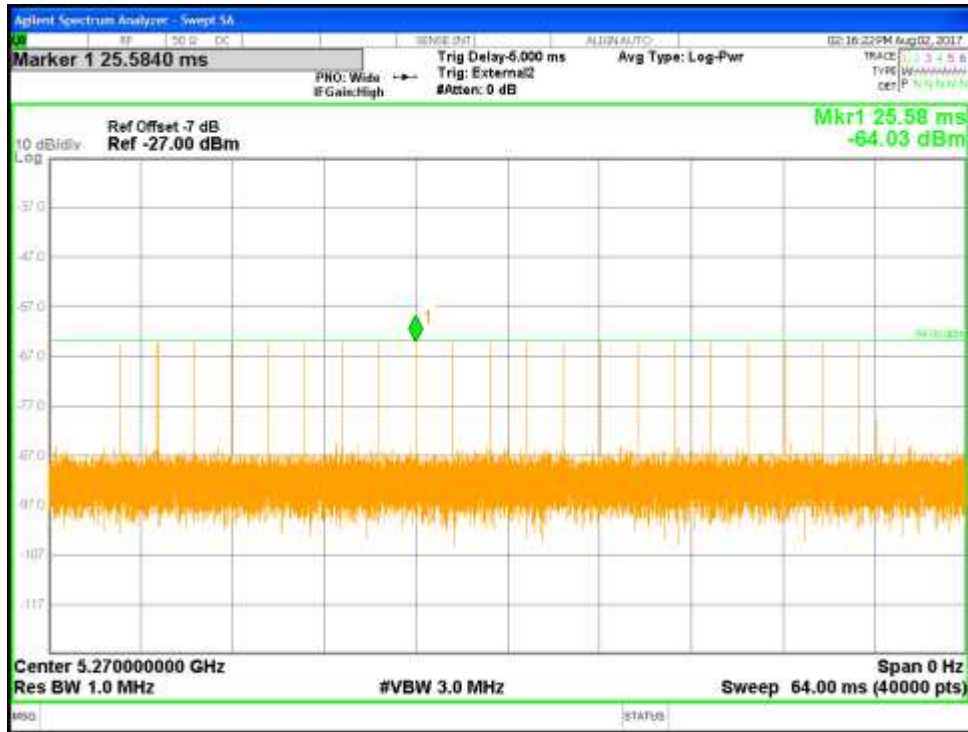


Figure 8: Radar Type 1B DFS Detection Threshold Level at 5270 MHz

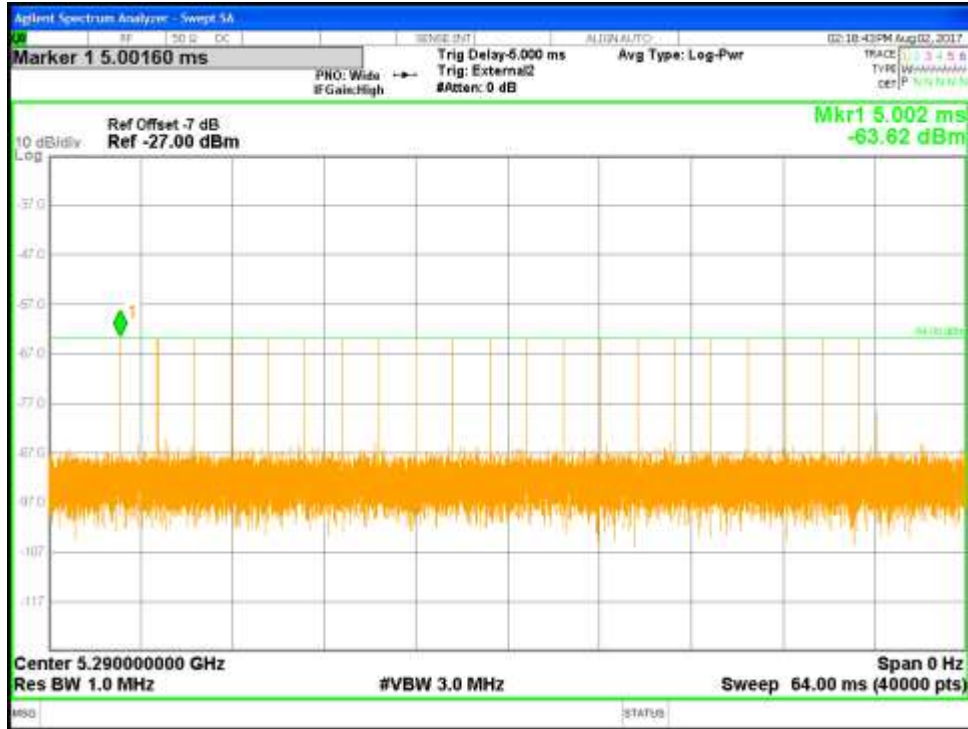


Figure 9: Radar Type 1B DFS Detection Threshold Level at 5290 MHz

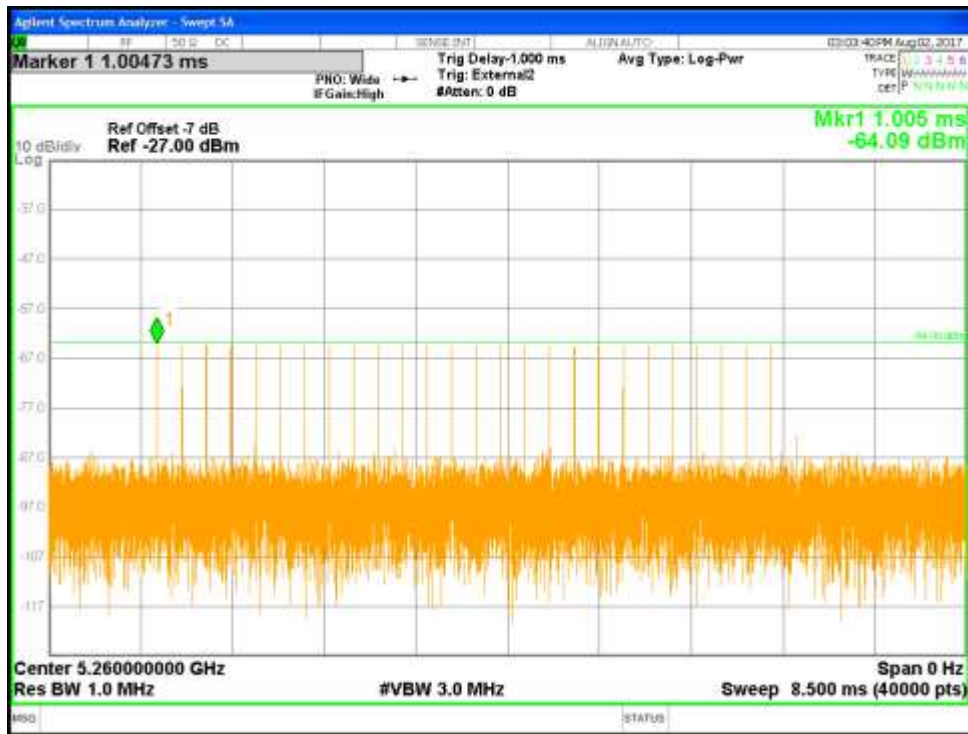


Figure 10: Radar Type 2 DFS Detection Threshold Level at 5260 MHz

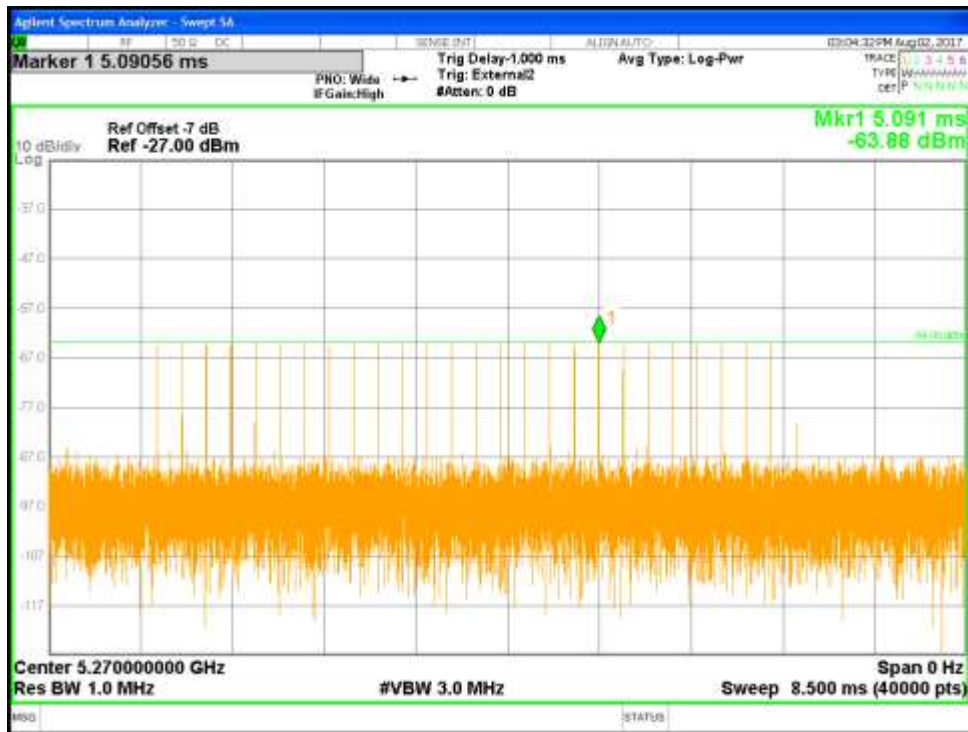


Figure 11: Radar Type 2 DFS Detection Threshold Level at 5270 MHz

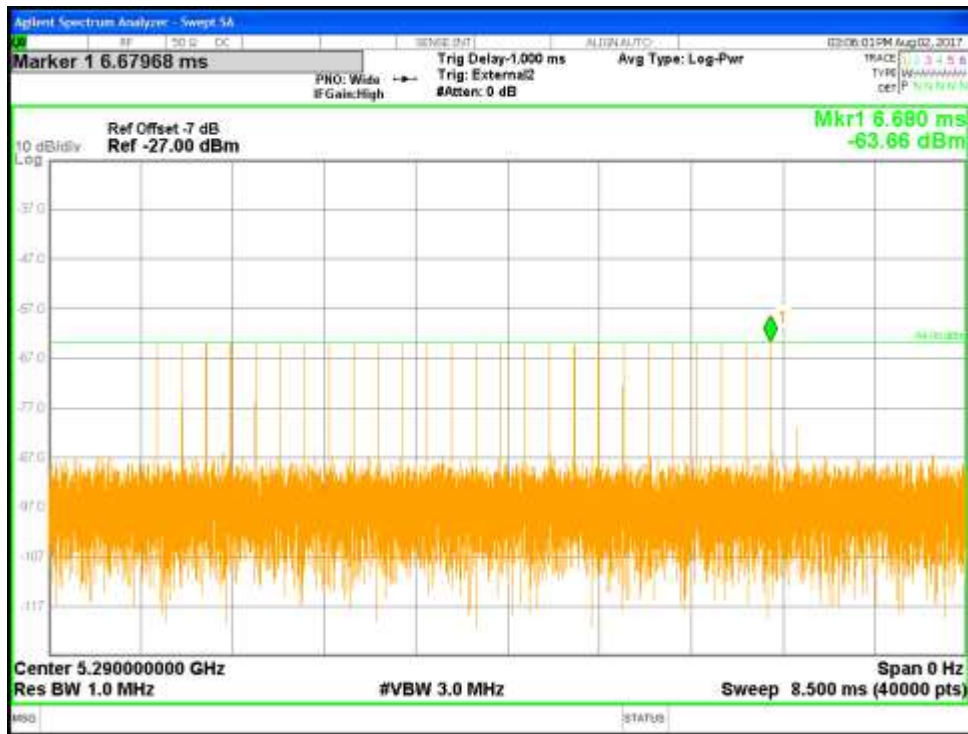


Figure 12: Radar Type 2 DFS Detection Threshold Level at 5290 MHz

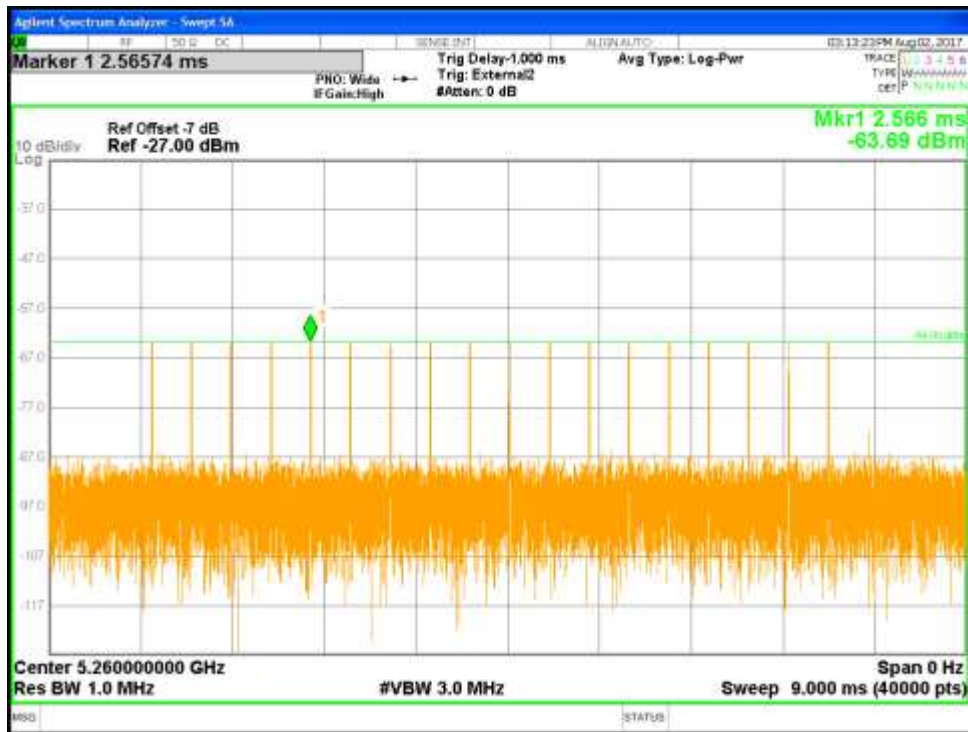


Figure 13: Radar Type 3 DFS Detection Threshold Level at 5260 MHz

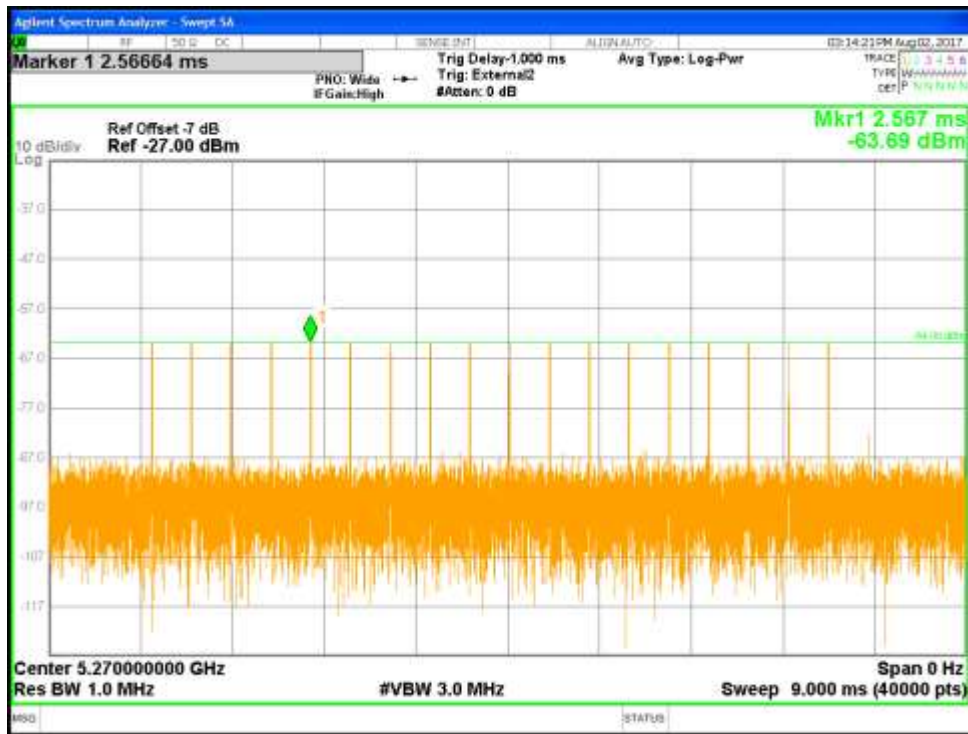


Figure 14: Radar Type 3 DFS Detection Threshold Level at 5270 MHz

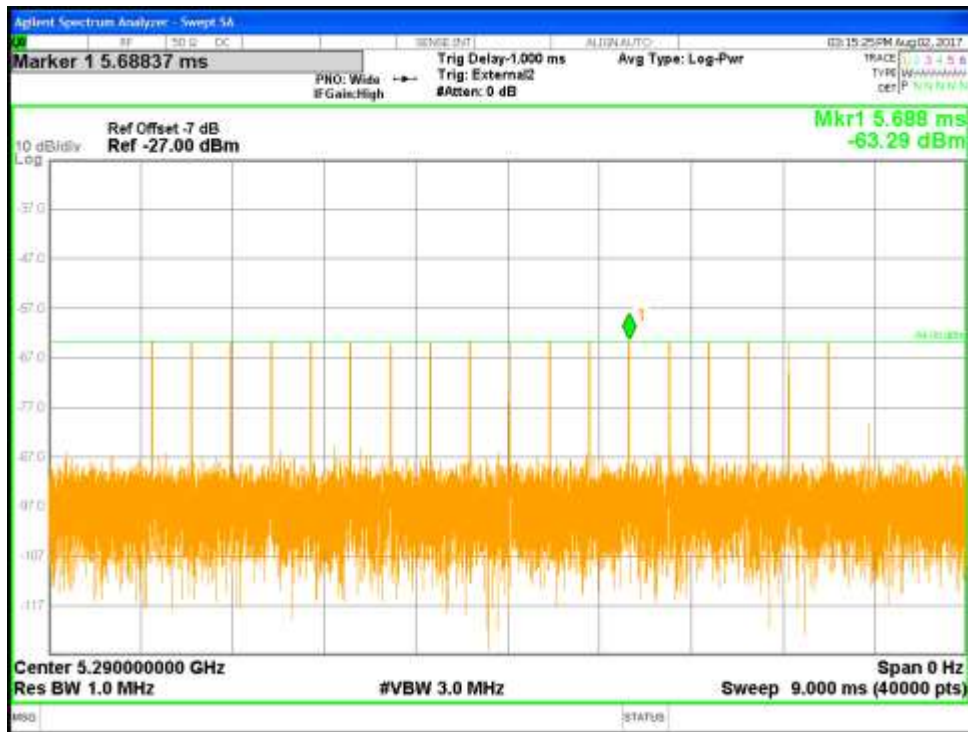


Figure 15: Radar Type 3 DFS Detection Threshold Level at 5290 MHz

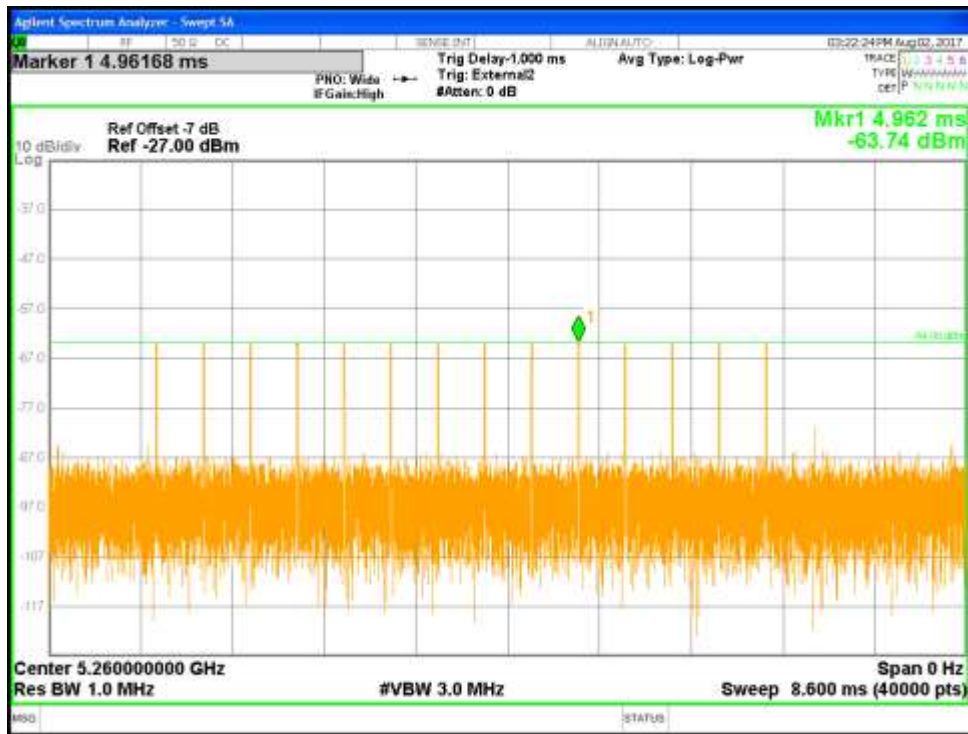


Figure 16: Radar Type 4 DFS Detection Threshold Level at 5260 MHz

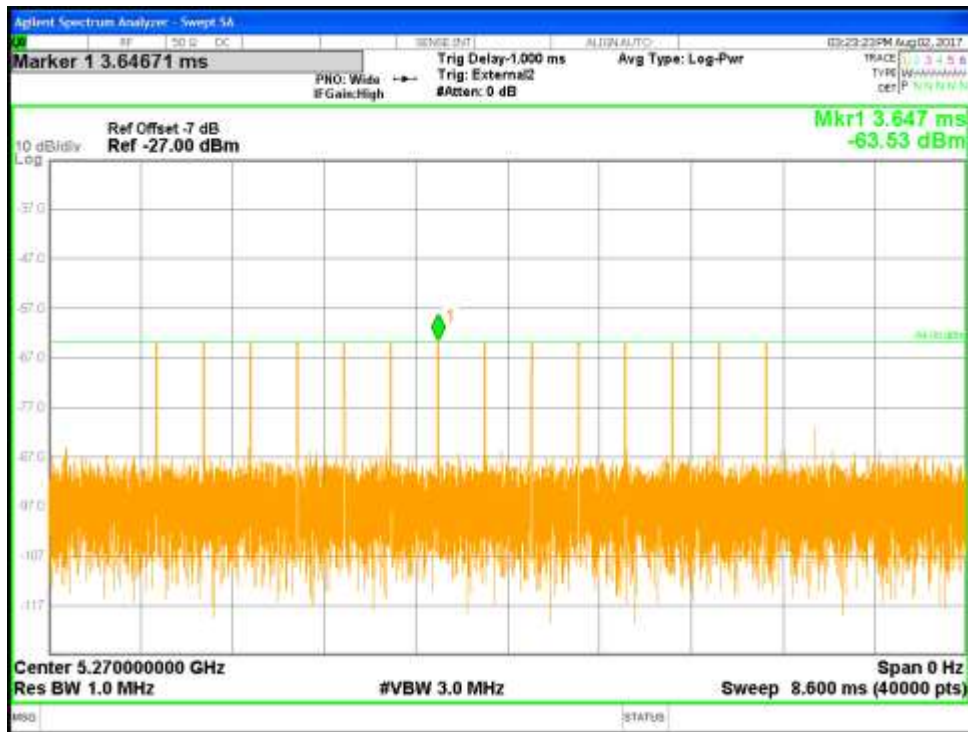


Figure 17: Radar Type 4 DFS Detection Threshold Level at 5270 MHz



Figure 18: Radar Type 4 DFS Detection Threshold Level at 5290 MHz

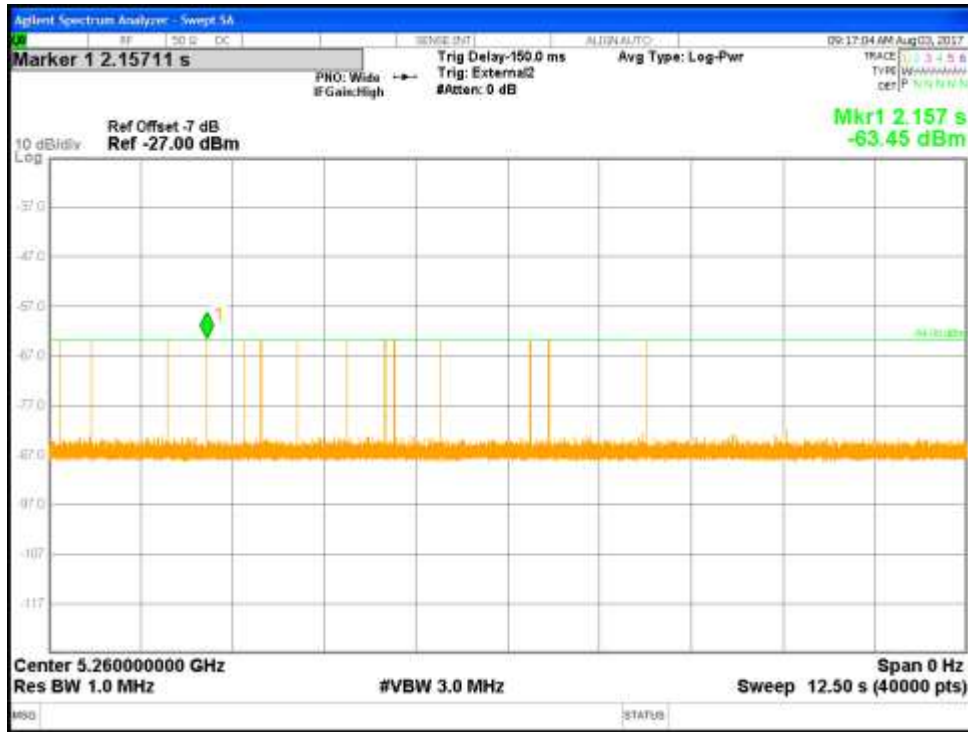


Figure 19: Radar Type 5 DFS Detection Threshold Level at 5260 MHz

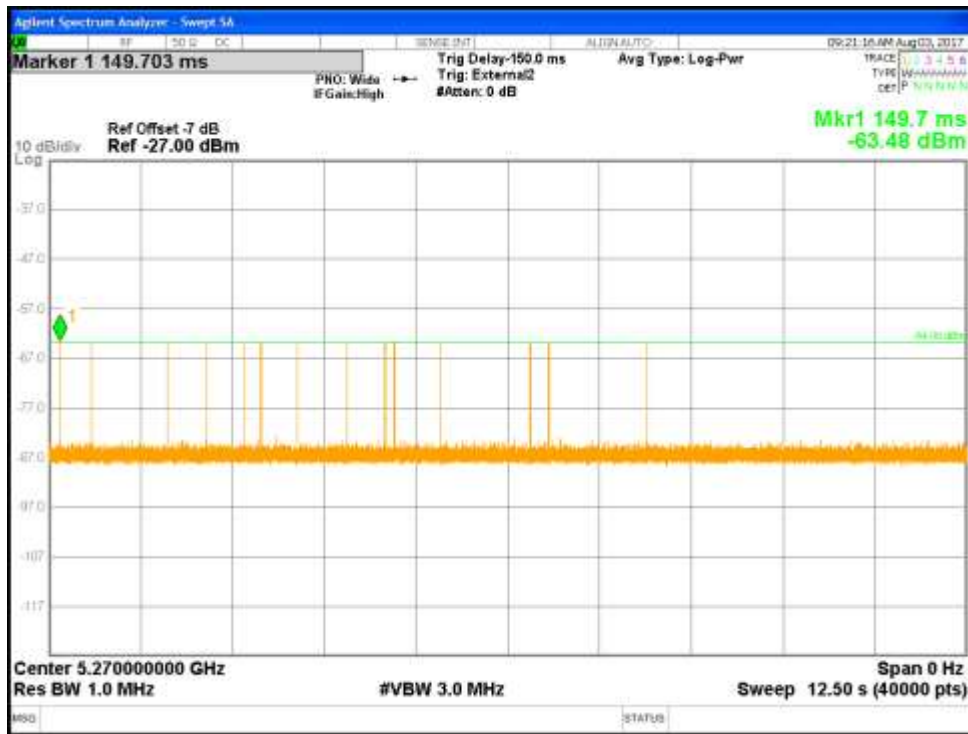


Figure 20: Radar Type 5 DFS Detection Threshold Level at 5270 MHz

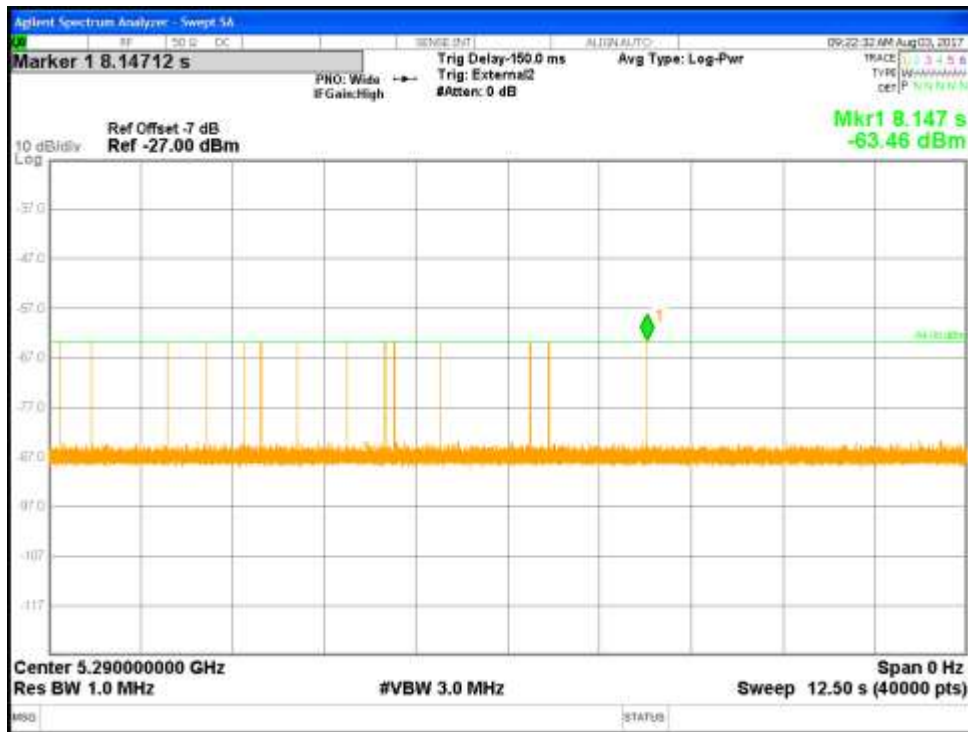


Figure 21: Radar Type 5 DFS Detection Threshold Level at 5290 MHz

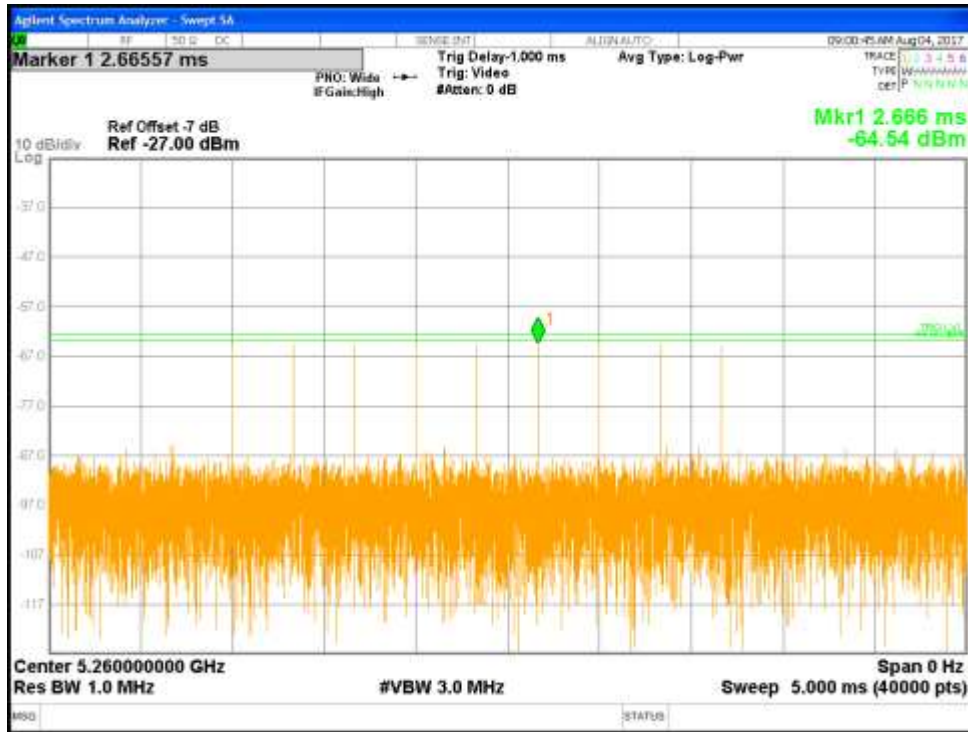


Figure 22: Radar Type 6 at 5260 MHz for 20MHz Bandwidth (9 Pulses in Burst)

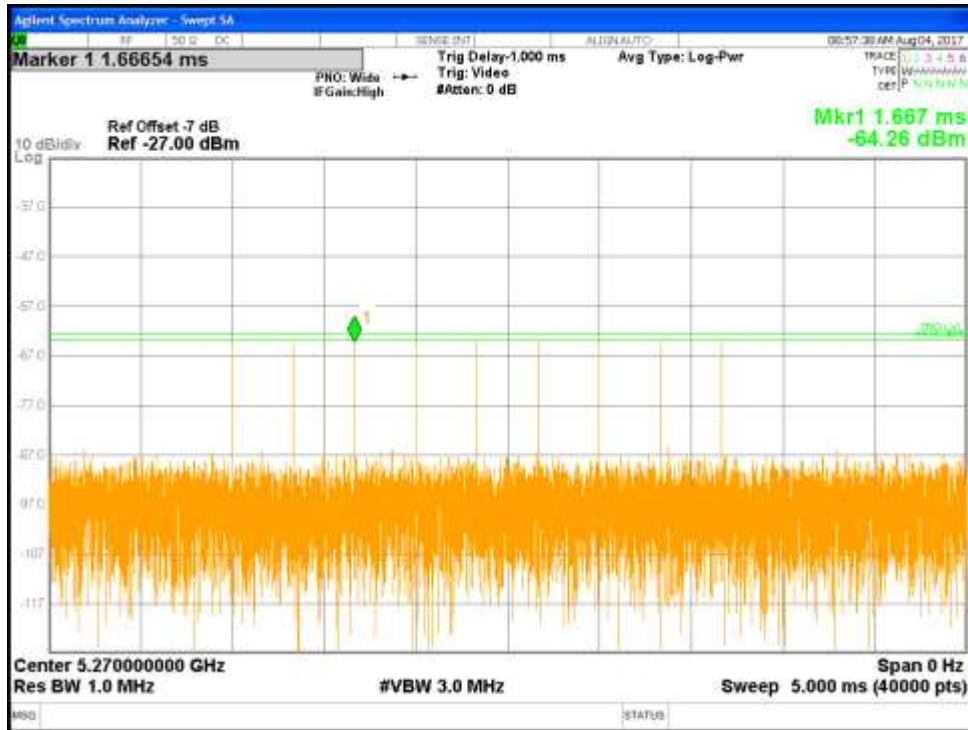


Figure 23: Radar Type 6 DFS Detection Threshold Level at 5270 MHz (9 Pulses in Burst)



Figure 24: Radar Type 6 DFS Detection Threshold Level at 5290 MHz (9 Pulses in Burst)

4.5 Channel Loading

As stated in Section 7.7 of KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02, data transfer was used during evaluation of the Wi-Fi Router, Model B010001 (USA), B010002 (IC). The minimum channel loading requirement is approximately 17% or greater. The operating channel on 5260 MHz was randomly selected for 20 MHz bandwidth, channel 5270 MHz was used for 40 MHz bandwidth, and 5290 MHz was used for 80 MHz bandwidth.

Channel loading calculation: Time On / (Time On + Off Time)



Figure 25: EUT Channel Loading at 5260 MHz (20 MHz bandwidth)

Note: Channel loading = Time On / (Time On + Off Time)
 = (24.70 ms / 99.79 ms) * 100%
 = 24.75 %

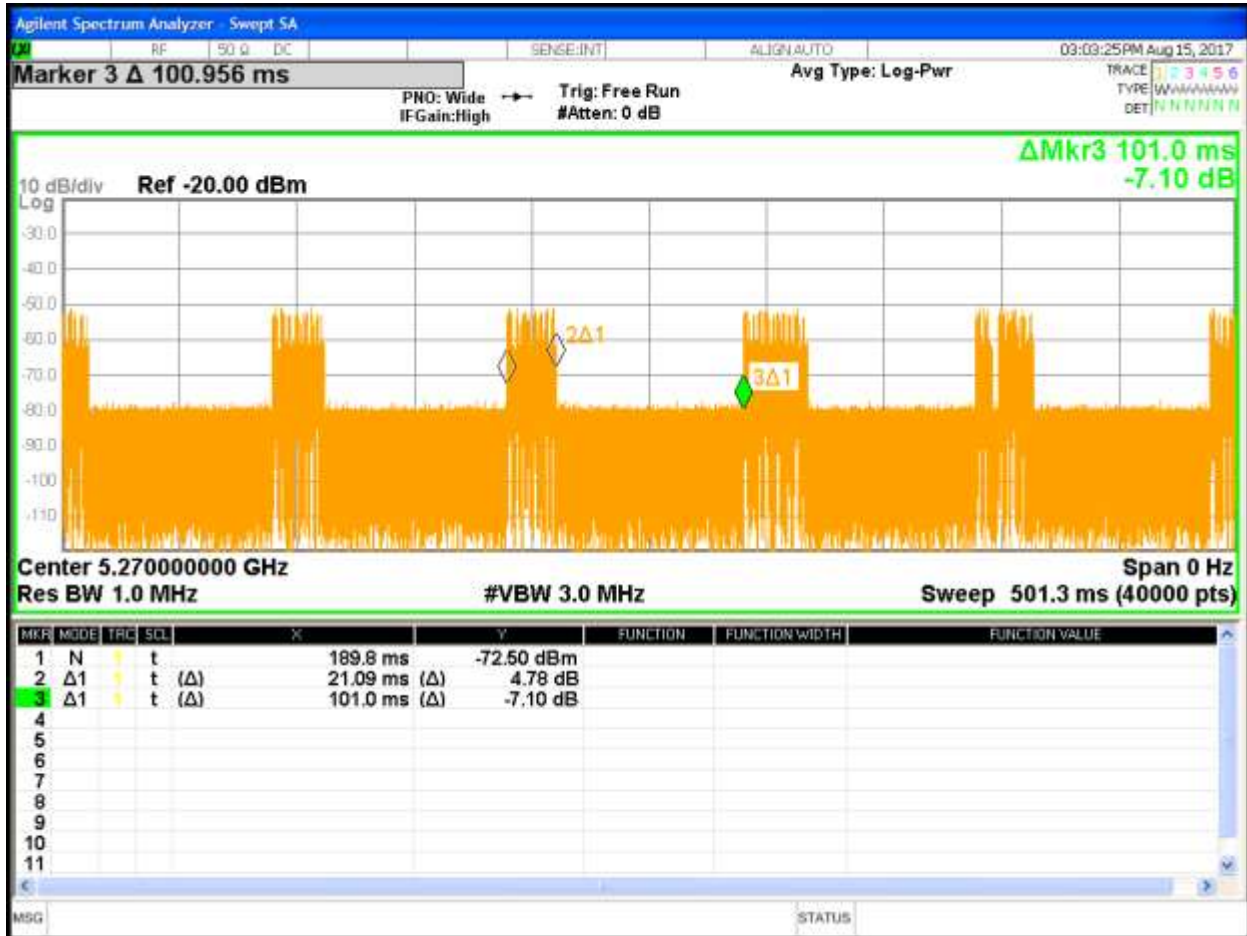


Figure 26: EUT Channel Loading at 5270 MHz (40 MHz bandwidth)

Note: Channel loading = Time On / (Time On + Off Time)
 = (21.09 ms / 101.0 ms) * 100%
 = 20.88 %

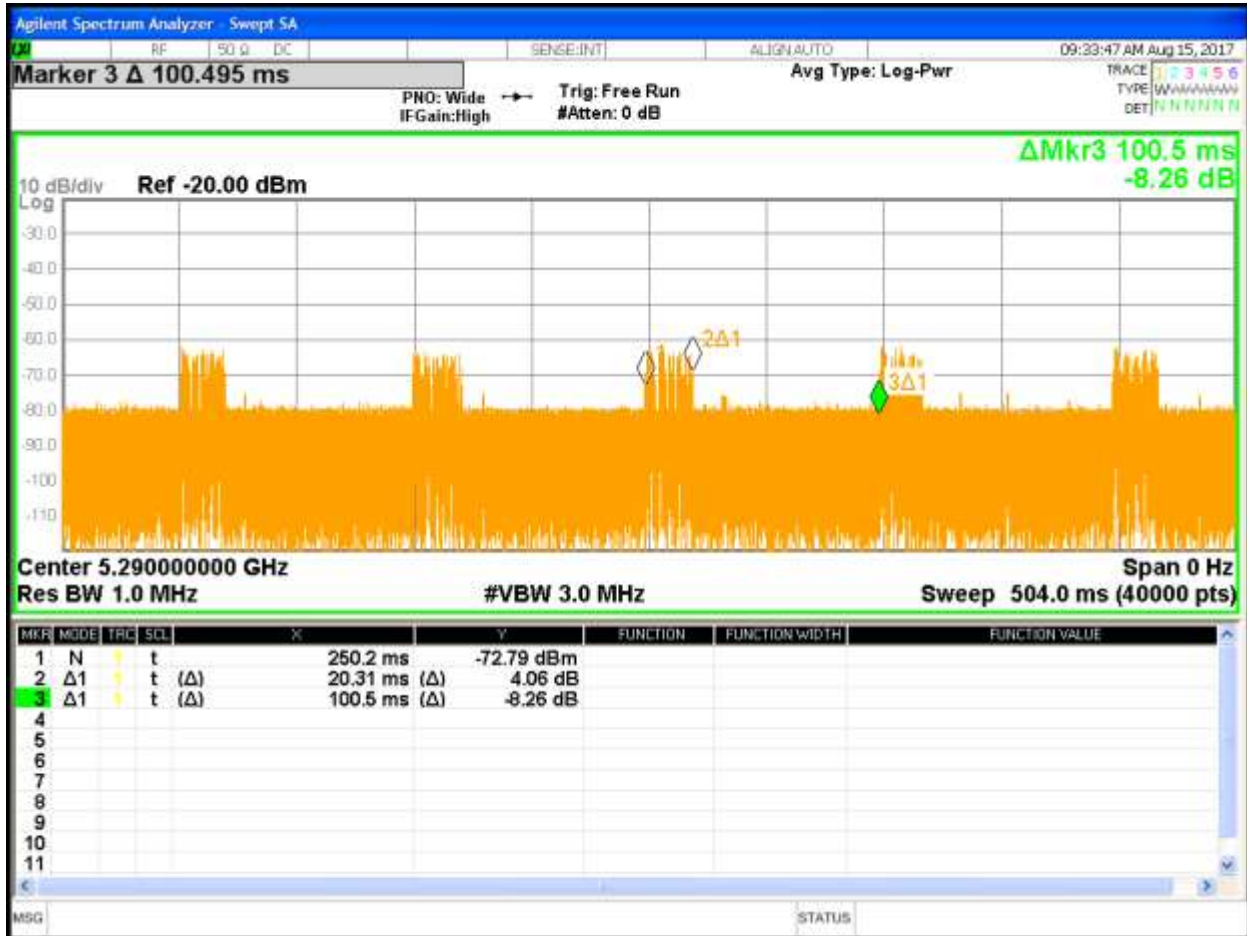


Figure 27: EUT Channel Loading at 5290 MHz (80 MHz bandwidth)

Note: Channel loading = Time On / (Time On + Off Time)
 = (20.31 ms / 100.5 ms) * 100%
 = 20.21 %

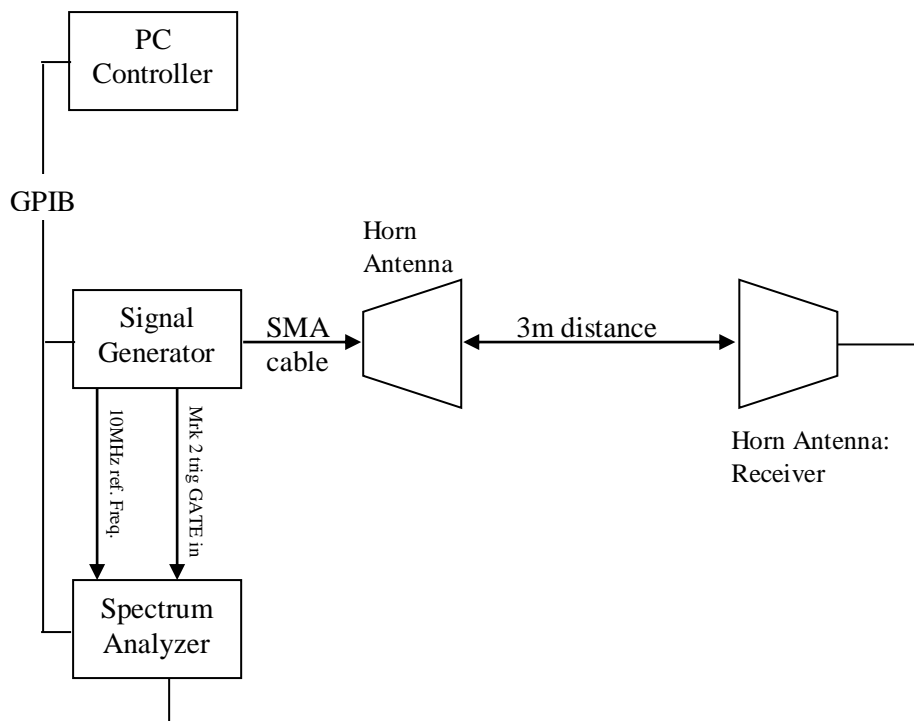
4.6 DFS Detection Threshold

All operating channels of the Wi-Fi Router, Model B010001 (USA), B010002 (IC) have the same detection bandwidth. The operating channel on 5260 MHz was randomly selected for 20 MHz bandwidth, channel 5270 MHz was used for 40 MHz bandwidth, and 5290 MHz was used for 80 MHz bandwidth. UNII detection bandwidth performed according to Section 7.8.1 of KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02.

4.6.1 Test Method

The radiated method was used to measure the detection threshold. KDB 905462 D02 Section 7.8 was used to determine the DFS generator drive level. The continuous wave at 5260 MHz, 5270 MHz, and 5290 MHz were applied and the corrected level recorded at the EUT end. The setup diagram is shown below.

Test Setup:



4.6.2 Results

The Wi-Fi Router, Model B010001 (USA), B010002 (IC) was provided with uniform loading across the dynamic frequency ranges of 5150 MHz to 5350 MHz.

The required threshold level is -64 dBm since the Wi-Fi Router transmitted EIRP power is greater than 200 mW.

A reference offset was applied into the Spectrum Analyzer for cable loss and antenna gain of -7.0 dB.

Radar Injection Level = -64.0 dBm + 1dB
= -63.0 dBm

Note: The above threshold level was used to verify all Waveforms Type 0 to 6, as indicated in Section 4.4 of this report.

4.7 UNII Detection Bandwidth

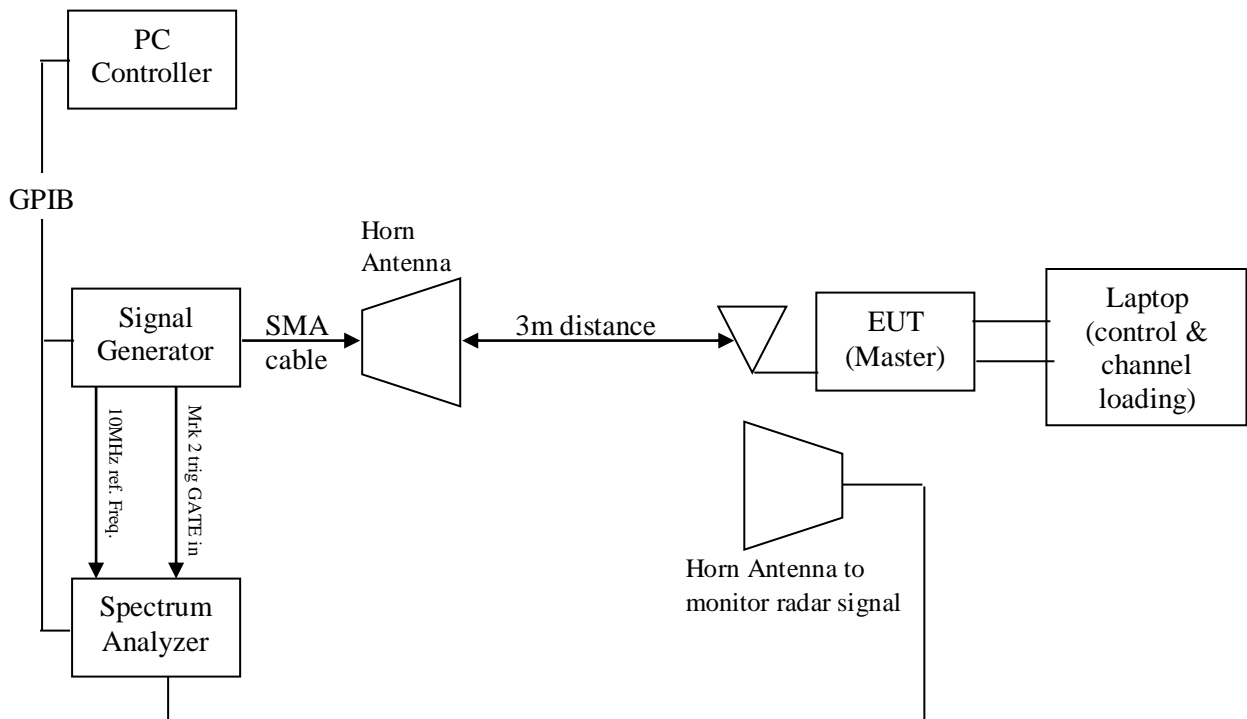
All operating channels of the Wi-Fi Router, Model B010001 (USA), B010002 (IC) have the same detection bandwidth. The operating channel on 5260 MHz was randomly selected for 20 MHz bandwidth testing. Similarly, the 5270 MHz operating channel was used for testing 40 MHz bandwidth, and 5290 MHz operating channel used for 80 MHz bandwidth. UNII detection bandwidth performed according to Section 7.8.1 of KDB 905462 D02.

The measured U-NII detection bandwidth of Model B010001 (USA), B010002 (IC) shall be at least 100% of the 99% channel power bandwidth; per Table 4 of KDB 905462 D02.

4.7.1 Test Method

The KDB 905462 D02 Section 7.8.1 detection bandwidth radiated method was used to measure the detection bandwidth output. The sample S/N SPE28JY, configured to operate at 5260 MHz for 20 MHz bandwidth, 5270 MHz for 40 MHz bandwidth, and 5290 MHz for 80 MHz bandwidth. The results are indicated below.

Test Setup:



4.7.2 Results

As originally tested, the EUT was found to be compliant to the requirements of the test standard(s).

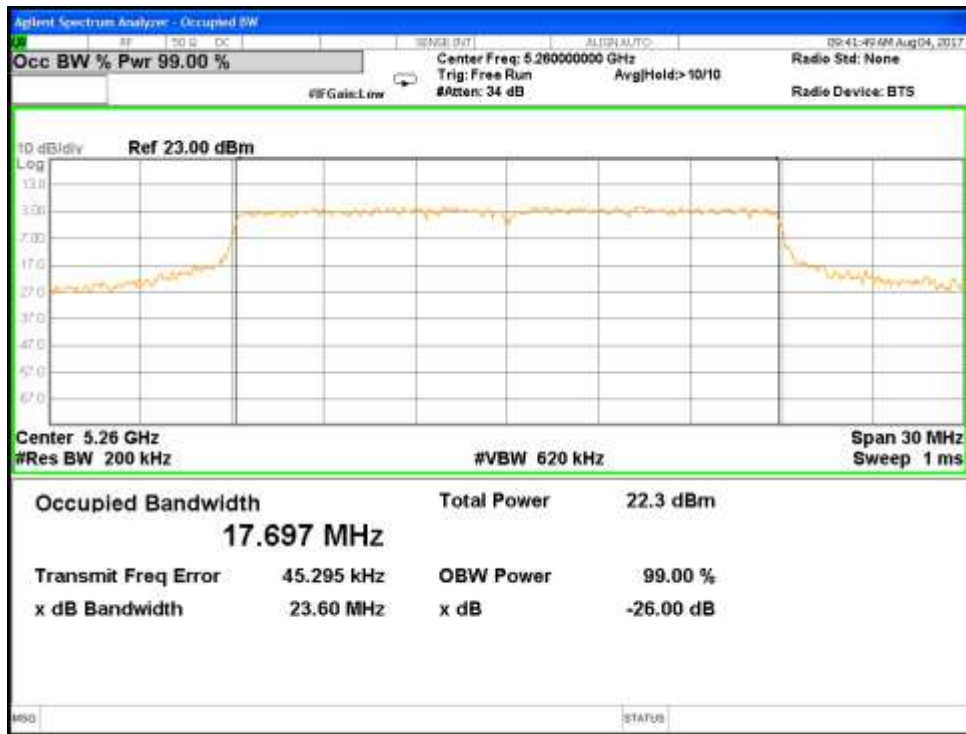


Figure 28: 99% Bandwidth at 5260 MHz

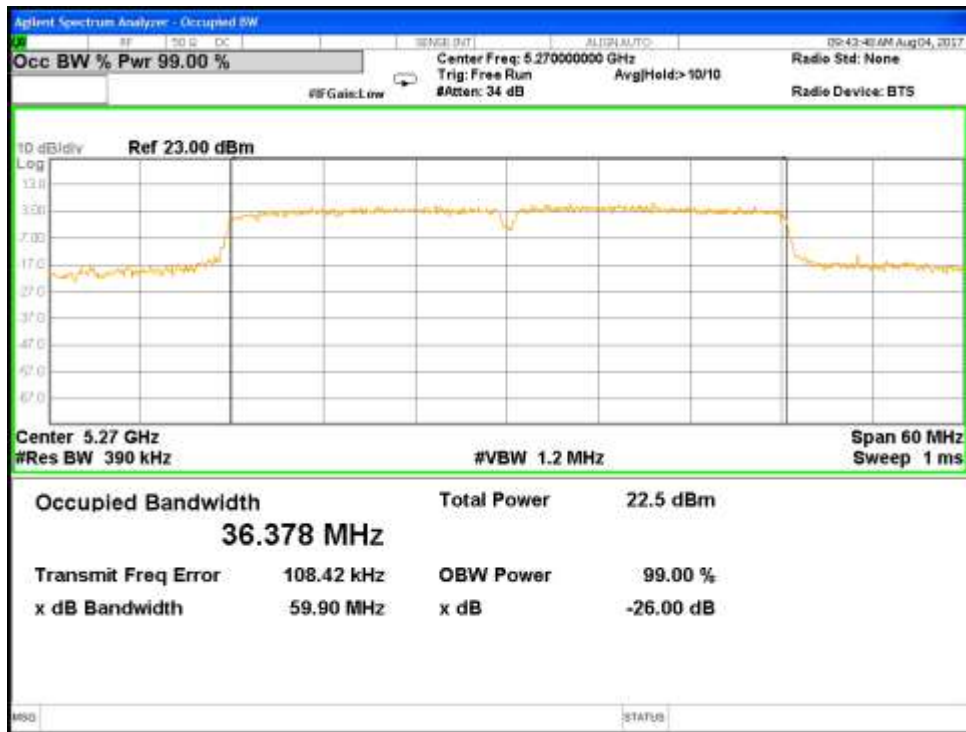


Figure 29: 99% Bandwidth at 5270 MHz

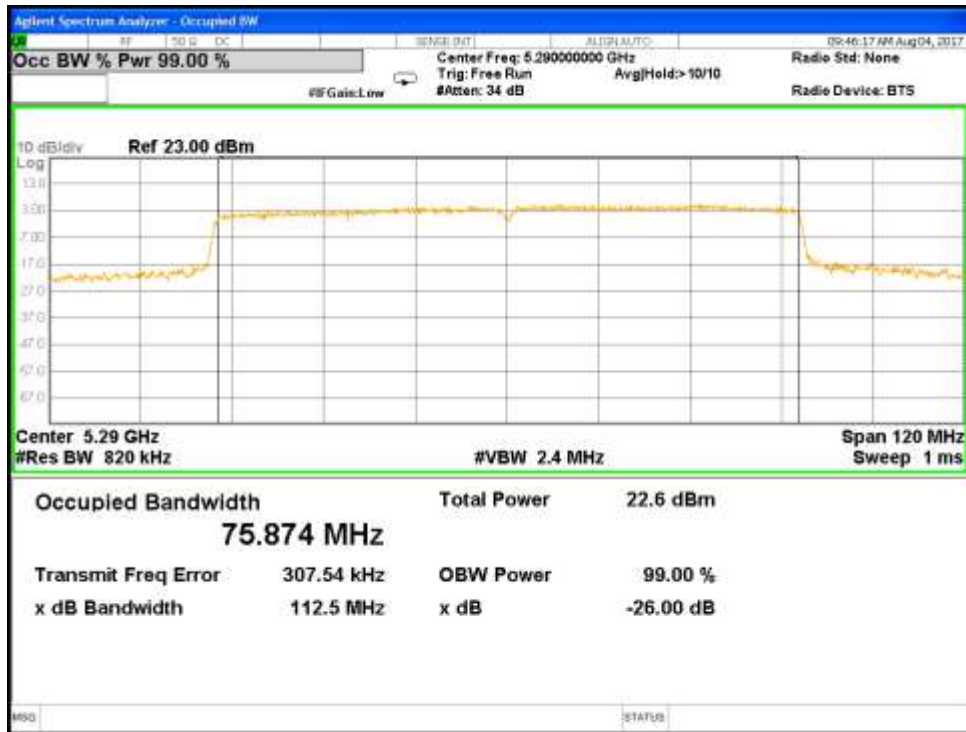


Figure 30: 99% Bandwidth at 5290 MHz

Table 10: U-NII Detection Bandwidth for 20 MHz Bandwidth – Test Results

Test Date: August 07, 2017												
Test Setup: radiated method						Radar Test Waveform: 0						
Center Frequency: 5260 MHz						EUT State: No traffic						
Min. Antenna Gain: +2.52 dBi						Max. Transmitted Power: +20 dBm.						
Required Threshold: -64 dBm						Detection Threshold: -63 dBm						
Ambient Temperature: 23°C						Relative Humidity: 38%RH						

Frequency (MHz)	Trial Number										Sucessful Percentage	Note	
	1	2	3	4	5	6	7	8	9	10			
5250	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100		
5251	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	Fi	
5252	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100		
5253	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100		
5254	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100		
5255	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100		
5260	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	Fc	
5265	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100		
5266	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100		
5267	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100		
5268	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100		
5269	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	Fh	
5270	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100		
5271													
5272													
99% Chan. Power Bandwidth =				17.70 MHz									
Required Detection Bandwidth =				17.70 MHz									
Detection Bandwidth (Fh-Fi) =				20.00 MHz									
Over All Result =				Complies									

Table 11: U-NII Detection Bandwidth for 40 MHz Bandwidth – Test Results

Test Date: August 07, 2017												
Test Setup: radiated method						Radar Test Waveform: 0						
Center Frequency: 5270 MHz						EUT State: No traffic						
Min. Antenna Gain: +2.52 dBi						Max. Transmitted Power: +20 dBm.						
Required Threshold: -64 dBm						Detection Threshold: -63 dBm						
Ambient Temperature: 23°C						Relative Humidity: 38%RH						
Frequency (MHz)	Trial Number										Successful Percentage	Note
	1	2	3	4	5	6	7	8	9	10		
5250	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5251	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5252	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	FI
5253	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5254	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5255	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5260	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5265	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5270	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	Fc
5275	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5280	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5285	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5286	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5287	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5288	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	Fh
5289	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5290	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
99% Chan. Power Bandwidth =					36.38 MHz							
Required Detection Bandwidth =					36.38 MHz							
Detection Bandwidth (Fh-FI) =					40.00 MHz							
Over All Result =					Complies							

Table 12: U-NII Detection Bandwidth for 80 MHz Bandwidth – Test Results

Test Date: August 28, 2017	
Test Setup: radiated method	Radar Test Waveform: 0
Center Frequency: 5290 MHz	EUT State: No traffic
Min. Antenna Gain: +2.52 dBi	Max. Transmitted Power: +20 dBm.
Required Threshold: -64 dBm	Detection Threshold: -63 dBm
Ambient Temperature: 23°C	Relative Humidity: 36%RH

Frequency (MHz)	Trial Number										Successful Percentage	Note
	1	2	3	4	5	6	7	8	9	10		
5250	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5251	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5252	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	Fl
5253	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5254	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5255	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5260	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5265	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5270	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5275	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5280	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5285	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5290	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	Fc
5295	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5300	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5305	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5310	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5315	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5320	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5325	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5326	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5327	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5328	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	100	Fh
5329	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5330	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
99% Chan. Power Bandwidth =		75.87 MHz										
Required Detection Bandwidth =		75.87 MHz										
Detection Bandwidth (Fh-Fl) =		80.00 MHz										
Over All Result =		Complies										

4.8 Performance Requirement Checks

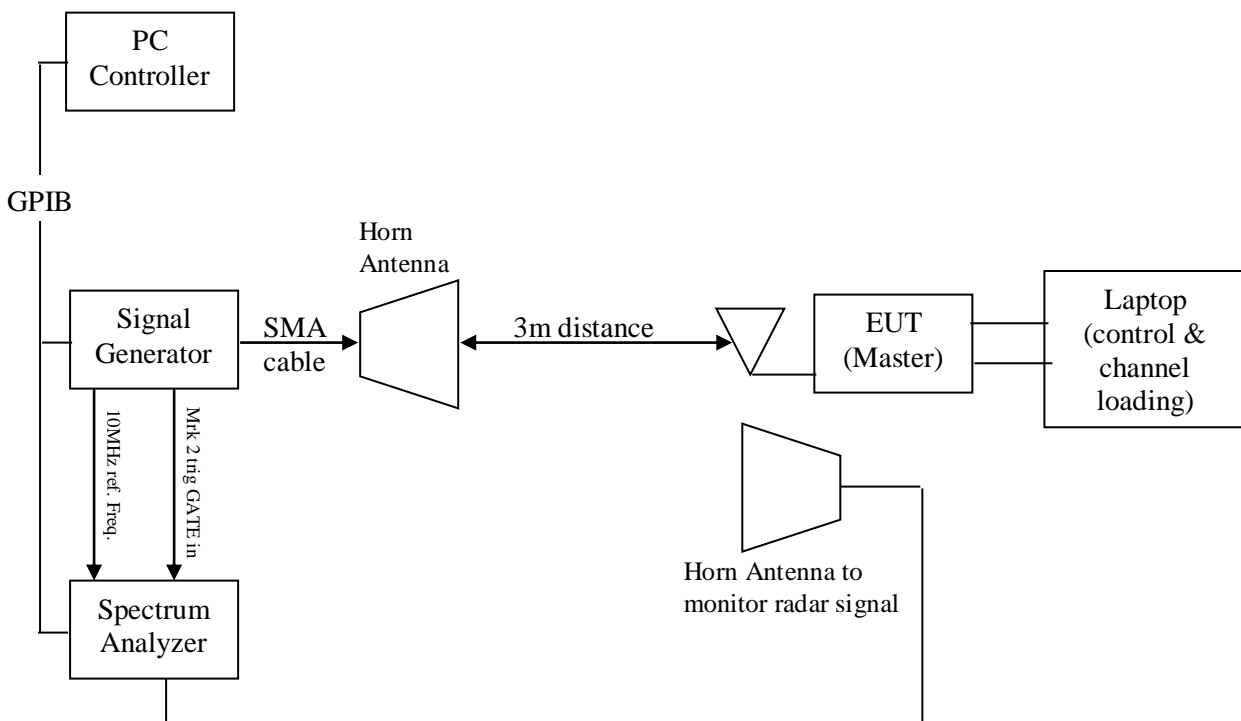
The performance checks consist of the initial channel availability check, radar injection at the beginning of the channel check, and radar injection at the end of the channel check. These parameters of the Wi-Fi Router, Model B010001 (USA), B010002 (IC) are verified to ensure the proper radar detection.

The Wi-Fi Router, Model B010001 (USA), B010002 (IC) must have 1 minute transmission-free time for initial channel availability check time and 2.5 minutes of transmission-free time for other channel availability check per KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02.

4.8.1 Test Method

The KDB 905462 D02 v02 Section 7.8.2 Performance Requirements Check was used. The sample with S/N SPE28JY, configured to operate at 5260 MHz for 20 MHz bandwidth. The final results are indicated below.

Test Setup:



4.8.2 Results

As originally tested, the EUT was found to be compliant to the requirements of the test standard(s).

Table 13: Channel Availability Checks for 80 MHz Bandwidth – Test Results

Test Date: September 14, 2017				
Test Method: radiated method		Radar Test Waveform: 0		
Center Frequency: 5290 MHz		EUT State: No traffic		
Min. Antenna Gain: +2.52 dBi		Max. Transmitted Power: +20 dBm.		
Required Threshold: -64 dBm		Detection Threshold: -63 dBm		
Ambient Temperature: 23°C		Relative Humidity: 41 %RH		
Performance	Plots #	Limit	Results	Remark
Power-up Cycle	28	N/A	Complies	Power-up time was measured 2.23 seconds.
Channel Availability Check Time	28	60s	Complies	Channel check time from 2.23 s to 62.23 s
Radar Injection near the beginning of CAC	29	150s	Complies	Injected at 5.02 seconds; 2.79 s into the CAC.
Radar Injection near the End of CAC	30	150s	Complies	Injected at 59.74 seconds; 57.51 s into the CAC.
Note: Manufacturer declared the power up time was 3 seconds after WiFi (5GHz) is up.				

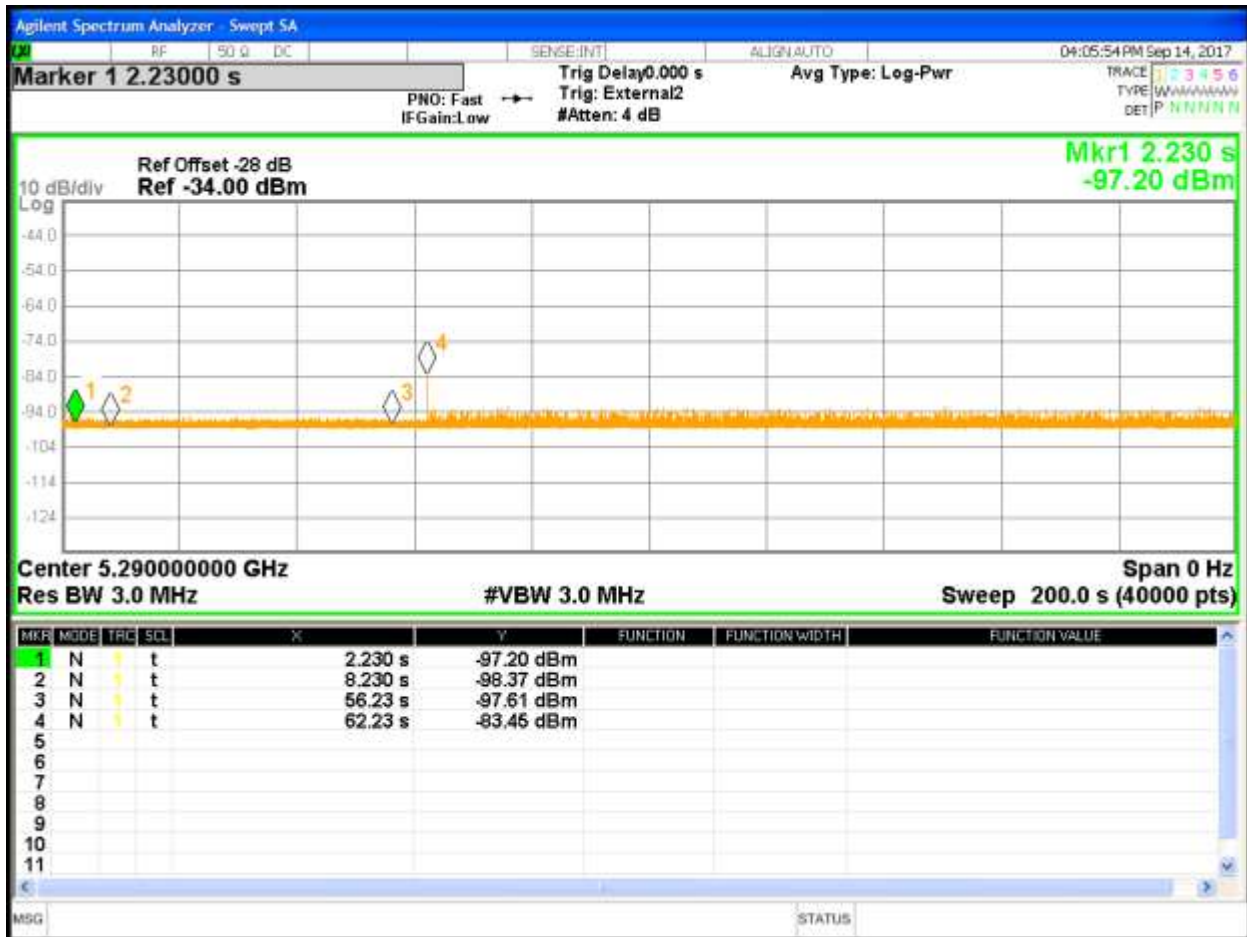


Figure 31: Initial Channel Availability Check for 80 MHz Bandwidth

- Note:**
1. Analyzer was trigger at the EUT' power up cycle.
 2. Marker 1 is denoted end of power-up time and the start of 60 seconds channel availability check time.
 3. Marker 2 is denoted at 6 seconds into the 60 second channel availability check time.
 4. Marker 3 is denoted at 54 seconds into the 60 second channel availability check time.
 5. Marker 4 is when EUT started to transmit at 62.23 seconds.

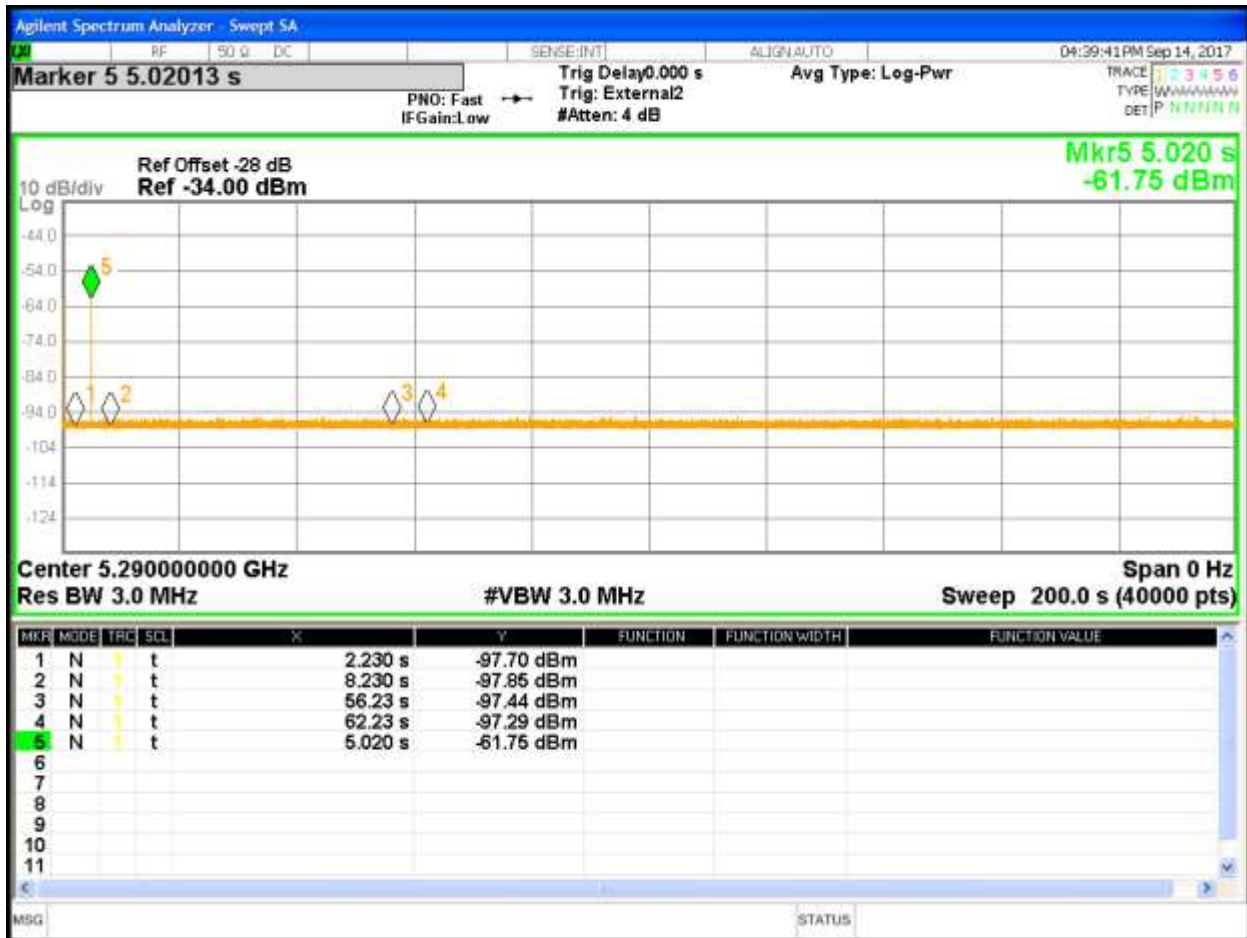


Figure 32: Radar Pulse Injection near the Beginning of Channel Availability Check for 80 MHz Bandwidth

- Note:**
1. The Wi-Fi Router, Model B010001 (USA), B010002 (IC) has the power up time of 2.23 seconds.
 2. The first 6 second of channel availability check would be between 2.23 s and 8.23 s.
 3. A Waveform 0 Radar Burst is injected at 5.02 seconds.
 4. No transmission occurred within 2.5 minutes after radar injection.

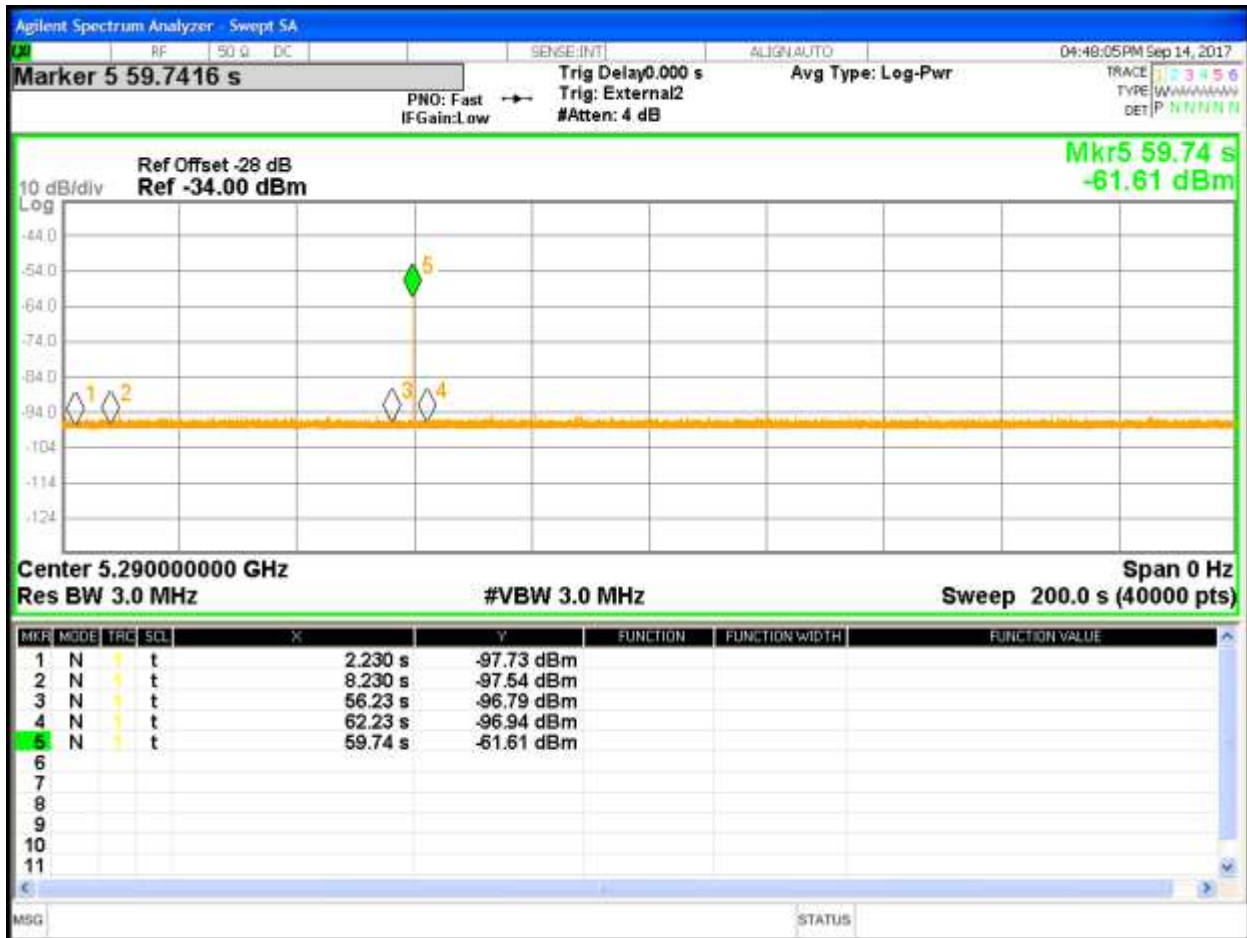


Figure 33: Radar Pulse Injection near the End of Channel Availability Check for 80 MHz Bandwidth

- Note:**
1. The Wi-Fi Router, Model B010001 (USA), B010002 (IC) has the power up time of 2.23 seconds.
 2. The last 6 second of channel availability check would be between 56.23 s and 62.23 s.
 3. The single radar burst is injected at 59.74 seconds.
 4. No transmission occurred within 2.5 minutes after radar injection.

4.9 In-Service Monitoring

In-service monitoring performance checks consist of the channel move time, channel closing transmission time, and non-occupancy period. These parameters of the Wi-Fi Router, Model B010001 (USA), B010002 (IC) are verified to give the radar system the priority of the frequency and minimize the interference with nearby radar systems when the Wi-Fi Router, Model B010001 (USA), B010002 (IC) is being used.

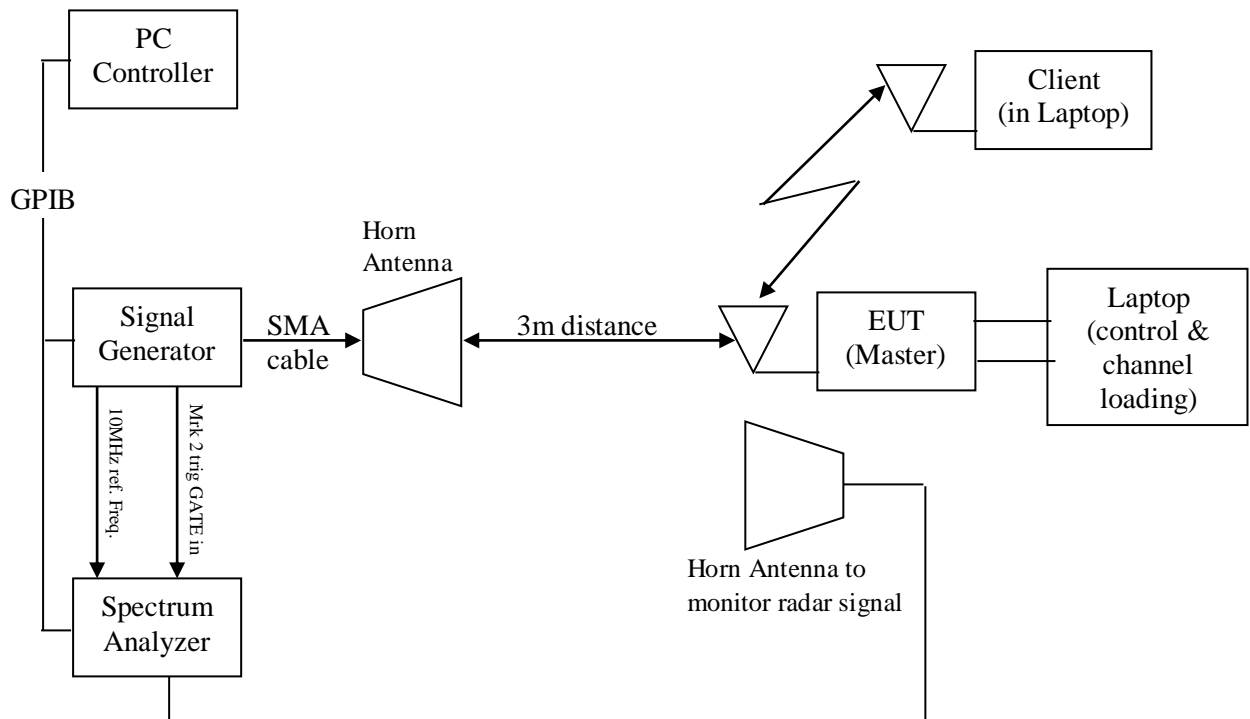
Upon the detection of radar signal on the operating channel, the equipment under test (EUT) must move to another operating channel with move time less than 10 seconds. The total channel closing transmission time must be 200 mS with an aggregate 60 mS over the remaining 10 second period. The radar detected channel must not have any transmission from EUT for the minimum of 30 minutes.

4.9.1 Test Method

The KDB 905462 D02 UNII DFS Compliance Procedure New Rules v02 Section 7.8.3 Performance Requirements Check was used.

The sample S/N SPE28JY was used as master device and configured to operate at 5290 MHz for 80 MHz bandwidth. The final results are indicated below.

Test Setup:



4.9.2 Results

As originally tested, the EUT was found to be compliant to the requirements of the test standard(s).

Table 14: In-Service Monitoring – Test Results

Test Date: September 14, 2017								
Test Method: radiated method								
Center Frequency: 5290 MHz				EUT State: data transfer continuously (iPerf app)				
Min. Antenna Gain: +2.52 dBi				Max. Transmitted Power: +20 dBm				
Required Threshold: -64dBm				Detection Threshold: -63 dBm				
Ambient Temperature: 23°C				Relative Humidity: 41% RH				
Master Mode at 11ACVHT80, 80 MHz Bandwidth								
Waveform	CCTT		CMT		Non-Occupancy		Plots	Results
	Meas.	Limit	Meas.	Limit	Meas.	Limit		
Type 0	5.10ms	260 ms	24.31 ms	10s	> 30min	30 min.	34,35,36	Complies

CCTT= Channel Closing Transmission Time.

CMT= Channel Move Time



Figure 34: Channel Move Time and Channel Closing Transmission Time using Pulse Radar Waveform 0 in Master Mode 11AC VHT80, 80 MHz Bandwidth

Note: Spectrum Analyzer was triggered to capture Waveform Type 0 radar pulse and EUT transmission afterward. The data transfer was paused about <1 second. The data transfer resumed with EUT operated at VHT80 Non-DFS Channel 42, 5210 MHz.

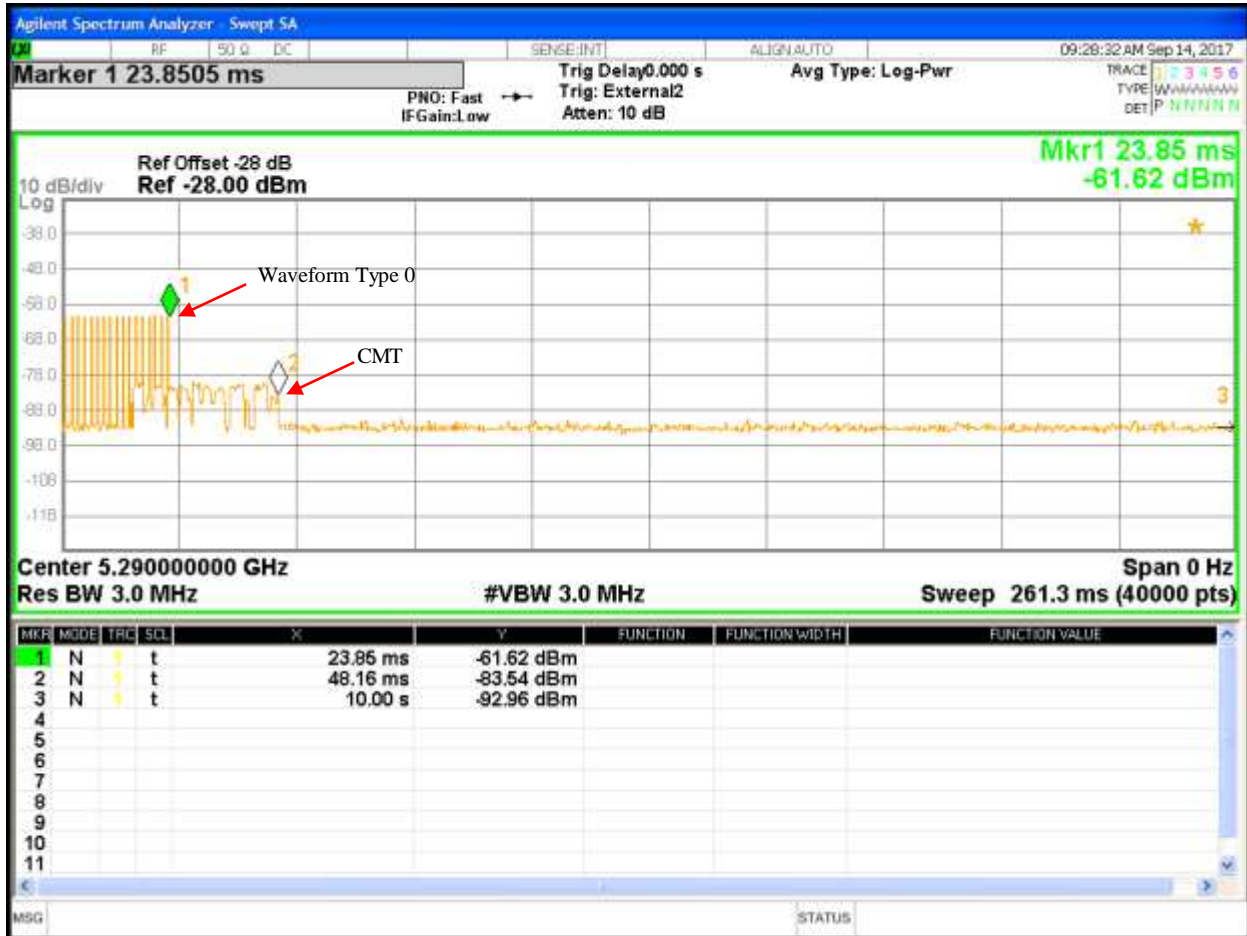


Figure 35: Channel Move Time and Channel Closing Transmission Time using Pulse Radar Waveform 0 for 80 MHz Bandwidth (Close-up)

- Note:**
1. Agilent PXA Analyzer was triggered with 40000 single sweep points (Bins). Fig. 35 is a zoom-in plot from Fig. 34.
 2. The last radar pulse of Waveform Type 0 was denoted by Marker 1 at 23.85 ms
 3. There are total 17 spectrum analyzer bins above the noise floor level after 23.85 ms.

$$\begin{aligned} \text{CCTT} &= \# \text{ Bins} * (12000 \text{ mS} / 40000 \text{ Bins}) \\ &= 17 \text{ bins} * (12000 \text{ mS} / 40000 \text{ Bins}) \\ &= 5.10 \text{ mS.} \end{aligned}$$
 4. Channel Move Time (CMT) is defined as the delta of EUT's last transmission to the last pulse of radar burst.

$$\begin{aligned} \text{Last Radar Pulse} &= 23.85 \text{ mS} \\ \text{Last Transmission} &= 48.16 \text{ mS} \\ \text{Channel Move Time} &= \text{Last Transmission} - \text{Last Radar Pulse} = 24.31 \text{ ms} \end{aligned}$$
 5. No transmission happened after 200 mS, no aggregate.



Figure 36: Non-Occupancy Period using Waveform Type 0 in Master Mode for 11AC VHT80, 80 MHz Bandwidth

- Note:**
1. Marker #1 denotes after the end of radar pulse.
 2. Marker #2 denotes the 30 minutes limit on Channel 5290 MHz.
 3. No transmission of 30 minutes after the last aggregates on the original channel.
 4. EUT transmission moved to Non-DFS Channel 42 (5210 MHz).

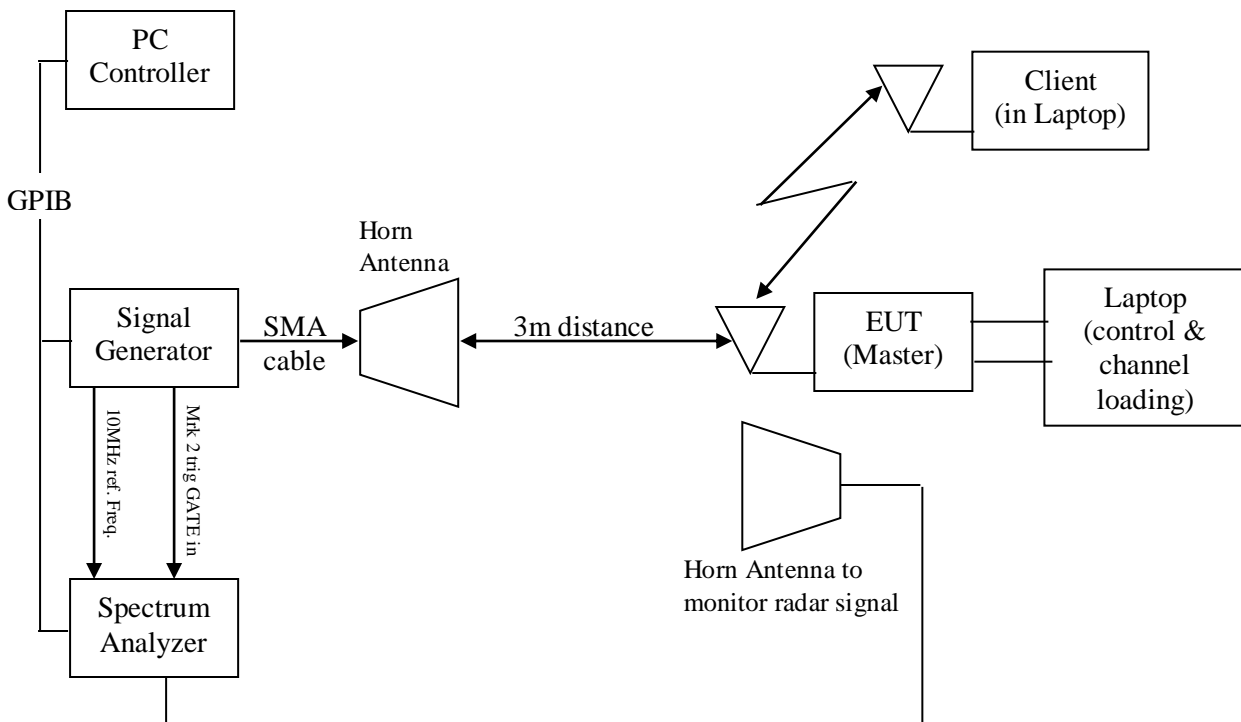
4.10 Statistic Performance Check

All six radar waveforms identified under KDB 905462 D02 will be applied to the U-NII device. Each waveform will be applied to the Wi-Fi Router, Model B010001 (USA), B010002 (IC) for the minimum of 30 trials while data transferring continuously. The minimum percentage of detection and total aggregated percentage must meet the Table 5, 6, and 7 of KDB 905462 D02 requirements.

4.9.1 Test Method

The KDB 905462 D02 Section 7.8.4 Performance Requirements Check was used for evaluating the Wi-Fi Router, Model B010001 (USA), B010002 (IC) S/N SPE28JY. It is configured to data transfer continuously in 802.11ac VHT20 at 5260 MHz, 802.11ac VHT40 at 5270 MHz, 802.11ac VHT80 at 5290 MHz. The data transfer is at the client supporting laptop end. Each verified radar waveform per Section 4.4 of this report is applied to the below coupling circuit. The final results are indicated below.

Test Setup:



4.9.2 Results

As originally tested, the EUT was found to be compliant to the requirements of the test standard(s).

Table 15: Statistic Performance Checks for 20 MHz Bandwidth – Summary

Test Date: August 11-30, 2017	
Test Method: radiated method	
Center Frequency: 5260 MHz	EUT State: data transfer continuously (iPerf app)
Min. Antenna Gain: +2.52 dBi	Max. Transmitted Power: +20 dBm
Required Threshold: -64dBm	Detection Threshold: -63 dBm
Ambient Temperature: 23°C	Relative Humidity: 40% RH

Radar Type	# of Trials	# of Detection	Successful Detection (%)	Min. % of Successful Detection	Results
Waveform #1 (A/B)	30	30	100%	60%	Complies
Waveform #2	30	27	90.0%	60%	Complies
Waveform #3	30	21	70.0%	60%	Complies
Waveform #4	30	20	66.7%	60%	Complies
Aggregate (Radar Type 1 to 4)			81.7%	80%	Complies
Waveform #5	30	27	90.0%	80%	Complies
Waveform #6	30	30	100%	70%	Complies
Note: None.					

Table 16: Statistic Performance Checks for 40 MHz Bandwidth – Summary

Test Date: August 11-30, 2017	
Test Method: radiated method	
Center Frequency: 5270 MHz	EUT State: data transfer continuously (iPerf app)
Min. Antenna Gain: +2.52 dBi	Max. Transmitted Power: +20 dBm
Required Threshold: -64dBm	Detection Threshold: -63 dBm
Ambient Temperature: 23°C	Relative Humidity: 40% RH

Radar Type	# of Trials	# of Detection	Successful Detection (%)	Min. % of Successful Detection	Results
Waveform #1	30	30	100%	60%	Complies
Waveform #2	30	30	100%	60%	Complies
Waveform #3	30	20	66.7%	60%	Complies
Waveform #4	30	28	93.3%	60%	Complies
Aggregate (Radar Type 1 to 4)			89.2%	80%	Complies
Waveform #5	30	29	96.7%	80%	Complies
Waveform #6	30	30	100%	70%	Complies
Note: None.					

Table 17: Statistic Performance Checks for 80 MHz Bandwidth – Summary

Test Date: August 11-30, 2017	
Test Method: radiated method	
Center Frequency: 5290 MHz	EUT State: data transfer continuously (iPerf app)
Min. Antenna Gain: +2.52 dBi	Max. Transmitted Power: +20 dBm
Required Threshold: -64dBm	Detection Threshold: -63 dBm
Ambient Temperature: 23°C	Relative Humidity: 40% RH

Radar Type	# of Trials	# of Detection	Successful Detection (%)	Min. % of Successful Detection	Results
Waveform #1	30	28	93.3%	60%	Complies
Waveform #2	30	25	83.3%	60%	Complies
Waveform #3	30	22	73.3%	60%	Complies
Waveform #4	30	28	93.3%	60%	Complies
Aggregate (Radar Type 1 to 4)			85.8%	80%	Complies
Waveform #5	30	29	96.7%	80%	Complies
Waveform #6	30	30	100%	70%	Complies
Note: None.					

Table 18: Statistic Performance Check for 20 MHz Bandwidth - FCC Radar Type 1

FCC 905462 D02 New Rules v02					
Tester:		Kerwinn Corpuz			
Test Lab:		TUV Rheinland of North America, Inc.			
Date:		August 8, 2017			
Device:		Wi-Fi Router, Model B010001 (USA), B010002 (IC)			
Serial:		SPE28JY			
Firmware:		NA			
Manufacturer:		eero			
Test:		data transfer continuously (iPerf app) at 5260 MHz, 11ACVHT20			
Rohde & Schwarz K350 Pulse Sequencer DFS - RADAR TYPE 1					
Trial #	Test Freq. (MHz)	Nos. of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5260	70	1	758	Yes
2	5259	102	1	518	Yes
3	5258	67	1	798	Yes
4	5257	62	1	858	Yes
5	5256	74	1	718	Yes
6	5255	63	1	838	Yes
7	5254	81	1	658	Yes
8	5253	78	1	678	Yes
9	5252	68	1	778	Yes
10	5251	98	1	538	Yes
11	5250	58	1	918	Yes
12	5261	95	1	558	Yes
13	5262	76	1	698	Yes
14	5263	65	1	818	Yes
15	5264	57	1	938	Yes
16	5265	19	1	2778	Yes
17	5266	22	1	2401	Yes
18	5267	46	1	1150	Yes
19	5268	26	1	2089	Yes
20	5269	37	1	1430	Yes
21	5270	26	1	2028	Yes
22	5250	88	1	601	Yes
23	5251	20	1	2661	Yes
24	5252	20	1	2645	Yes
25	5253	50	1	1074	Yes
26	5254	27	1	2002	Yes
27	5255	73	1	725	Yes
28	5257	18	1	2958	Yes
29	5258	21	1	2517	Yes
30	5260	56	1	952	Yes
Summary: 30 detections in 30 trials.					

Table 19: Statistic Performance Check for 40 MHz Bandwidth - FCC Radar Type 1

FCC 905462 D02 New Rules v02					
Tester:	Kerwinn Corpuz				
Test Lab:	TUV Rheinland of North America, Inc.				
Date:	August 8, 2017				
Device:	Wi-Fi Router, Model B010001 (USA), B010002 (IC)				
Serial:	SPE28JY				
Firmware:	NA				
Manufacturer:	eero				
Test:	data transfer continuously (iPerf app) at 5270 MHz, 11ACVHT40				
Rohde & Schwarz K350 Pulse Sequencer - RADAR TYPE 1					
Trial #	Test Freq. (MHz)	Nos. of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5270	61	1	878	Yes
2	5290	76	1	698	Yes
3	5289	67	1	798	Yes
4	5288	59	1	898	Yes
5	5287	70	1	758	Yes
6	5286	89	1	598	Yes
7	5285	78	1	678	Yes
8	5284	18	1	3066	Yes
9	5283	86	1	618	Yes
10	5282	68	1	778	Yes
11	5281	65	1	818	Yes
12	5280	74	1	718	Yes
13	5279	62	1	858	Yes
14	5278	81	1	658	Yes
15	5277	63	1	838	Yes
16	5250	48	1	1121	Yes
17	5251	36	1	1467	Yes
18	5252	54	1	989	Yes
19	5253	40	1	1325	Yes
20	5254	26	1	2073	Yes
21	5255	18	1	2981	Yes
22	5256	28	1	1901	Yes
23	5257	20	1	2716	Yes
24	5258	18	1	3011	Yes
25	5259	24	1	2202	Yes
26	5260	19	1	2837	Yes
27	5261	27	1	2004	Yes
28	5262	32	1	1653	Yes
29	5263	31	1	1753	Yes
30	5264	24	1	2209	Yes
Summary: 30 detections in 30 trials.					

Table 20: Statistic Performance Check for 80 MHz Bandwidth - FCC Radar Type 1

FCC 905462 D02 New Rules v02					
Tester:		Kerwinn Corpuz			
Test Lab:		TUV Rheinland of North America, Inc.			
Date:		August 28, 2017			
Device:		Wi-Fi Router, Model B010001 (USA), B010002 (IC)			
Serial:		SPE28JY			
Firmware:		NA			
Manufacturer:		eero			
Test:		data transfer continuously (iPerf app) at 5290 MHz, 11ACVHT80			
Rohde & Schwarz K350 Pulse Sequencer - RADAR TYPE 1					
Trial #	Test Freq. (MHz)	Nos. of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5290	67	1	798	No
2	5295	95	1	558	Yes
3	5300	92	1	578	Yes
4	5305	18	1	3066	Yes
5	5310	58	1	918	Yes
6	5320	76	1	698	Yes
7	5325	74	1	718	Yes
8	5330	102	1	518	Yes
9	5285	68	1	778	Yes
10	5280	62	1	858	Yes
11	5275	63	1	838	Yes
12	5270	72	1	738	Yes
13	5265	65	1	818	No
14	5260	61	1	878	Yes
15	5255	86	1	618	Yes
16	5250	55	1	974	Yes
17	5292	28	1	1887	Yes
18	5294	19	1	2789	Yes
19	5298	34	1	1553	Yes
20	5303	48	1	1111	Yes
21	5328	78	1	676	Yes
22	5322	40	1	1338	Yes
23	5326	35	1	1527	Yes
24	5288	26	1	2048	Yes
25	5286	29	1	1874	Yes
26	5282	94	1	564	Yes
27	5277	51	1	1040	Yes
28	5252	73	1	727	Yes
29	5258	28	1	1945	Yes
30	5254	29	1	1860	Yes
Summary: 28 detections in 30 trials.					

Table 21: Statistic Performance Check for 20 MHz Bandwidth - FCC Radar Type 2

FCC 905462 D02 New Rules v02					
Tester:	Kerwinn Corpuz				
Test Lab:	TUV Rheinland of North America, Inc.				
Date:	August 9, 2017				
Device:	Wi-Fi Router, Model B010001 (USA), B010002 (IC)				
Serial:	SPE28JY				
Firmware:	NA				
Manufacturer:	eero				
Test:	data transfer continuously (iPerf app) at 5260 MHz, 11ACVHT20				
Rohde & Schwarz K350 Pulse Sequencer DFS - RADAR TYPE 2					
Trial #	Test Freq. (MHz)	Nos. of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5260	29	2.9	175	Yes
2	5261	25	3	218	Yes
3	5262	24	1	226	Yes
4	5263	24	3.6	182	Yes
5	5264	26	4.7	223	Yes
6	5265	25	1.6	230	Yes
7	5266	27	3.2	150	Yes
8	5267	27	4.5	156	Yes
9	5269	27	3.9	206	Yes
10	5269	25	2.4	224	Yes
11	5270	28	1.1	179	Yes
12	5251	28	2.7	201	Yes
13	5251	27	4.6	169	Yes
14	5252	26	2.4	203	Yes
15	5253	25	2	182	Yes
16	5254	26	2.9	180	Yes
17	5255	26	1	151	Yes
18	5256	26	4	168	Yes
19	5257	26	3.7	184	Yes
20	5258	26	1.4	207	Yes
21	5259	24	2.2	181	Yes
22	5250	27	3.4	180	Yes
23	5251	25	2.7	223	Yes
24	5252	28	2	227	Yes
25	5253	26	4.6	225	Yes
26	5254	24	1.2	207	Yes
27	5269	25	2	220	No
28	5269	24	4.1	219	No
29	5268	25	4.8	208	No
30	5267	25	1	219	Yes
Summary: 27 detections in 30 trials.					

Table 22: Statistic Performance Check for 40 MHz Bandwidth - FCC Radar Type 2

FCC 905462 D02 New Rules v02					
Tester:		Kerwinn Corpuz			
Test Lab:		TUV Rheinland of North America, Inc.			
Date:		August 9, 2017			
Device:		Wi-Fi Router, Model B010001 (USA), B010002 (IC)			
Serial:		SPE28JY			
Firmware:		NA			
Manufacturer:		eero			
Test:		data transfer continuously (iPerf app) at 5270 MHz, 11ACVHT40			
Rohde & Schwarz K350 Pulse Sequencer DFS - RADAR TYPE 2					
Trial #	Test Freq. (MHz)	Nos. of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5270	23	3.8	172	Yes
2	5290	28	3.8	205	Yes
3	5289	24	1.6	164	Yes
4	5288	28	2.7	169	Yes
5	5287	28	2.8	206	Yes
6	5286	24	4.9	152	Yes
7	5285	27	2	204	Yes
8	5284	25	2.9	206	Yes
9	5283	25	2.7	220	Yes
10	5282	26	3	171	Yes
11	5281	25	4.8	215	Yes
12	5280	24	2.9	218	Yes
13	5279	26	4.9	178	Yes
14	5278	28	4.2	230	Yes
15	5277	24	2.1	212	Yes
16	5262	25	2.6	188	Yes
17	5261	25	3.6	197	Yes
18	5260	28	2	171	Yes
19	5259	24	2.9	191	Yes
20	5258	24	3.3	226	Yes
21	5257	25	2.4	222	Yes
22	5256	23	2.7	150	Yes
23	5255	26	3.3	211	Yes
24	5254	25	2.1	193	Yes
25	5253	25	3.2	223	Yes
26	5252	27	2.9	207	Yes
27	5251	24	1	165	Yes
28	5250	23	3	166	Yes
29	5267	25	3.3	177	Yes
30	5273	28	4	226	Yes
Summary: 30 detections in 30 trials.					

Table 23: Statistic Performance Check for 80 MHz Bandwidth - FCC Radar Type 2

FCC 905462 D02 New Rules v02					
Tester:	Kerwinn Corpuz				
Test Lab:	TUV Rheinland of North America, Inc.				
Date:	August 28, 2017				
Device:	Wi-Fi Router, Model B010001 (USA), B010002 (IC)				
Serial:	SPE28JY				
Firmware:	NA				
Manufacturer:	eero				
Test:	data transfer continuously (iPerf app) at 5290 MHz, 11ACVHT80				
Rohde & Schwarz K350 Pulse Sequencer DFS - RADAR TYPE 2					
Trial #	Test Freq. (MHz)	Nos. of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5290	29	2.5	207	Yes
2	5295	26	2.7	173	Yes
3	5300	24	2.5	228	Yes
4	5305	28	2	218	Yes
5	5310	24	1.4	199	Yes
6	5320	29	5	157	Yes
7	5325	25	3.8	188	Yes
8	5330	26	1.4	216	Yes
9	5285	27	3.1	183	Yes
10	5280	25	2.8	181	Yes
11	5275	27	2.5	155	Yes
12	5270	28	1.2	196	Yes
13	5265	27	2.8	202	Yes
14	5260	29	3.2	161	No
15	5255	25	3	195	Yes
16	5250	26	2.4	182	Yes
17	5292	23	1.1	158	No
18	5294	26	4	227	Yes
19	5298	25	4.1	217	Yes
20	5303	26	3.4	151	Yes
21	5328	28	4.9	151	Yes
22	5322	28	1.8	216	Yes
23	5326	28	3.9	192	Yes
24	5288	28	4.3	159	Yes
25	5286	24	5	196	Yes
26	5282	26	4.4	169	No
27	5277	27	2.2	195	No
28	5252	26	3.6	223	No
29	5258	26	3.9	223	Yes
30	5254	28	1.5	206	Yes
Summary: 25 detections in 30 trials.					

Table 24: Statistic Performance Check for 20 MHz Bandwidth - FCC Radar Type 3

FCC 905462 D02 New Rules v02					
Tester:		Kerwinn Corpuz			
Test Lab:		TUV Rheinland of North America, Inc.			
Date:		August 9, 2017			
Device:		Wi-Fi Router, Model B010001 (USA), B010002 (IC)			
Serial:		SPE28JY			
Firmware:		NA			
Manufacturer:		eero			
Test:		data transfer continuously (iPerf app) at 5260 MHz, 11ACVHT20			
Rohde & Schwarz K350 Pulse Sequencer DFS - RADAR TYPE 3					
Trial #	Test Freq. (MHz)	Nos. of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5260	17	9.3	323	No
2	5261	18	7.4	216	Yes
3	5262	16	9.4	448	Yes
4	5263	17	6.4	486	No
5	5264	18	8.8	245	Yes
6	5265	16	6.9	446	Yes
7	5266	16	8	394	Yes
8	5267	18	7.1	207	Yes
9	5268	17	7.8	296	Yes
10	5269	17	8.6	327	Yes
11	5251	16	8	324	Yes
12	5251	16	9.5	256	Yes
13	5252	17	6.6	338	Yes
14	5253	17	8.9	283	Yes
15	5254	17	7.9	474	No
16	5255	18	7.9	292	Yes
17	5256	18	6.8	417	Yes
18	5257	17	6.1	325	Yes
19	5258	18	6.7	309	No
20	5259	17	8.8	244	Yes
21	5258	17	9.9	226	No
22	5251	17	7.4	461	No
23	5252	17	8.4	278	Yes
24	5253	16	9.2	486	No
25	5254	16	8.9	418	Yes
26	5269	18	6.7	361	Yes
27	5269	17	9.5	312	Yes
28	5268	16	6.6	493	No
29	5267	17	9.3	339	Yes
30	5266	16	10	367	No
Summary: 21 detections in 30 trials.					

Table 25: Statistic Performance Check for 40 MHz Bandwidth - FCC Radar Type 3

FCC 905462 D02 New Rules v02					
Tester:	Kerwinn Corpuz				
Test Lab:	TUV Rheinland of North America, Inc.				
Date:	August 9, 2017				
Device:	Wi-Fi Router, Model B010001 (USA), B010002 (IC)				
Serial:	SPE28JY				
Firmware:	NA				
Manufacturer:	eero				
Test:	data transfer continuously (iPerf app) at 5270 MHz, 11ACVHT40				
Rohde & Schwarz K350 Pulse Sequencer DFS - RADAR TYPE 3					
Trial #	Test Freq. (MHz)	Nos. of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5270	17	7.9	361	Yes
2	5289	18	7.8	465	Yes
3	5288	18	8.2	491	No
4	5287	18	9.6	427	Yes
5	5286	18	9.1	454	Yes
6	5285	18	7.4	445	Yes
7	5284	18	8.8	320	No
8	5283	16	9.5	371	Yes
9	5282	17	6.2	478	Yes
10	5281	16	6.2	420	No
11	5280	16	8.9	416	Yes
12	5279	16	9.1	255	Yes
13	5278	17	6.3	319	Yes
14	5277	17	7.7	403	Yes
15	5276	17	10	492	No
16	5275	16	9.5	319	No
17	5274	17	8.6	500	Yes
18	5259	17	6.1	496	Yes
19	5258	17	9.4	469	Yes
20	5257	17	6.5	443	Yes
21	5256	18	9.9	431	No
22	5255	16	9.1	437	Yes
23	5254	16	7.4	260	Yes
24	5253	18	9.9	239	No
25	5252	17	6	427	Yes
26	5251	18	8.6	415	Yes
27	5251	17	6	409	No
28	5271	17	6.6	305	No
29	5272	17	9.1	479	No
30	5273	17	6.2	229	Yes
Summary: 20 detections in 30 trials.					

Table 26: Statistic Performance Check for 80 MHz Bandwidth - FCC Radar Type 3

FCC 905462 D02 New Rules v02					
Tester:	Kerwinn Corpuz				
Test Lab:	TUV Rheinland of North America, Inc.				
Date:	August 28, 2017				
Device:	Wi-Fi Router, Model B010001 (USA), B010002 (IC)				
Serial:	SPE28JY				
Firmware:	NA				
Manufacturer:	eero				
Test:	data transfer continuously (iPerf app) at 5290 MHz, 11ACVHT80				
Rohde & Schwarz K350 Pulse Sequencer DFS - RADAR TYPE 3					
Trial #	Test Freq. (MHz)	Nos. of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5290	17	8.4	488	Yes
2	5295	17	6.7	355	Yes
3	5300	17	6.2	267	Yes
4	5305	18	9.6	388	Yes
5	5310	16	7.8	339	Yes
6	5320	16	9.4	492	Yes
7	5325	16	7.6	246	Yes
8	5330	17	7.2	379	Yes
9	5285	18	9.5	327	Yes
10	5280	16	7	301	Yes
11	5275	16	9.1	322	No
12	5270	18	9.8	453	Yes
13	5265	17	8	242	No
14	5260	16	9.4	410	Yes
15	5255	17	6.2	386	Yes
16	5250	18	10	233	No
17	5292	17	8.5	299	No
18	5294	16	7.6	446	No
19	5298	18	9.7	349	Yes
20	5303	16	7	470	Yes
21	5328	16	8.1	259	Yes
22	5322	17	8.3	260	Yes
23	5326	17	9.7	395	Yes
24	5288	18	9.1	496	No
25	5286	17	9.9	343	Yes
26	5282	17	7.7	280	No
27	5277	16	9.2	364	Yes
28	5252	16	8.5	340	Yes
29	5258	17	6.8	454	No
30	5254	16	6.8	490	Yes
Summary: 22 detections in 30 trials.					

Table 27: Statistic Performance Check for 20 MHz Bandwidth - FCC Radar Type 4

FCC 905462 D02 New Rules v02					
Tester:	Kerwinn Corpuz				
Test Lab:	TUV Rheinland of North America, Inc.				
Date:	August 11, 2017				
Device:	Wi-Fi Router, Model B010001 (USA), B010002 (IC)				
Serial:	SPE28JY				
Firmware:	NA				
Manufacturer:	eero				
Test:	data transfer continuously (iPerf app) at 5260 MHz, 11ACVHT20				
Rohde & Schwarz K350 Pulse Sequencer DFS - RADAR TYPE 4					
Trial #	Test Freq. (MHz)	Nos. of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5260	16	11.4	302	Yes
2	5261	15	17.8	460	No
3	5262	12	19.8	375	Yes
4	5263	16	11.5	206	Yes
5	5264	12	17.7	215	No
6	5265	14	17.5	249	Yes
7	5266	14	14	407	Yes
8	5267	16	17.3	454	Yes
9	5268	13	12.4	453	No
10	5269	12	16.6	242	Yes
11	5251	15	17.3	311	Yes
12	5251	16	14.8	417	Yes
13	5252	12	17.5	423	Yes
14	5253	14	16.8	336	Yes
15	5254	15	18.9	212	Yes
16	5255	13	12.2	417	Yes
17	5256	15	20	477	No
18	5257	14	15	456	No
19	5258	14	13.2	421	Yes
20	5259	15	17.8	247	No
21	5258	16	12.8	496	Yes
22	5251	16	18.9	246	Yes
23	5252	14	11.4	370	Yes
24	5253	15	19.2	469	No
25	5254	15	17.3	214	No
26	5269	15	18.9	244	Yes
27	5269	12	12.9	454	Yes
28	5268	15	19.6	358	Yes
29	5267	13	16.4	299	No
30	5266	14	12.8	315	No
Summary: 20 detections in 30 trials.					

Table 28: Statistic Performance Check for 40 MHz Bandwidth - FCC Radar Type 4

FCC 905462 D02 New Rules v02					
Tester:		Kerwinn Corpuz			
Test Lab:		TUV Rheinland of North America, Inc.			
Date:		August 9, 2017			
Device:		Wi-Fi Router, Model B010001 (USA), B010002 (IC)			
Serial:		SPE28JY			
Firmware:		NA			
Manufacturer:		eero			
Test:		data transfer continuously (iPerf app) at 5270 MHz, 11ACVHT40			
Rohde & Schwarz K350 Pulse Sequencer DFS - RADAR TYPE 4					
Trial #	Test Freq. (MHz)	Nos. of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5270	16	13.4	298	Yes
2	5289	14	15.6	361	Yes
3	5288	14	19.7	450	Yes
4	5287	12	14.4	469	Yes
5	5286	15	16.2	208	Yes
6	5285	13	11	448	Yes
7	5284	15	14.3	283	Yes
8	5283	15	17.9	320	Yes
9	5282	14	11	282	No
10	5281	12	11.7	227	Yes
11	5280	14	12.4	494	Yes
12	5279	16	11.4	469	Yes
13	5278	15	14.1	201	Yes
14	5277	16	16.4	461	Yes
15	5276	16	15.7	245	Yes
16	5275	16	15.1	236	Yes
17	5274	12	15.6	234	Yes
18	5259	13	19.9	454	Yes
19	5258	14	11.7	460	Yes
20	5257	14	14.2	445	No
21	5256	13	11.1	340	Yes
22	5255	15	12.6	211	Yes
23	5254	13	14.1	380	Yes
24	5253	15	13.4	257	Yes
25	5252	14	18.8	474	No
26	5251	13	19.5	282	Yes
27	5251	13	19	475	Yes
28	5271	15	13.9	354	Yes
29	5272	13	18.3	252	Yes
30	5273	13	12.1	438	Yes
Summary: 27 detections in 30 trials.					

Table 29: Statistic Performance Check for 80 MHz Bandwidth - FCC Radar Type 4

FCC 905462 D02 New Rules v02					
Tester:	Kerwinn Corpuz				
Test Lab:	TUV Rheinland of North America, Inc.				
Date:	August 30, 2017				
Device:	Wi-Fi Router, Model B010001 (USA), B010002 (IC)				
Serial:	SPE28JY				
Firmware:	NA				
Manufacturer:	eero				
Test:	data transfer continuously (iPerf app) at 5290 MHz, 11ACVHT80				
Rohde & Schwarz K350 Pulse Sequencer DFS - RADAR TYPE 4					
Trial #	Test Freq. (MHz)	Nos. of Pulses per Burst	Pulse Width (µsec)	PRI (µs)	Detection (yes/no)
1	5290	15	15.5	389	Yes
2	5295	16	20	436	Yes
3	5300	14	14.3	254	Yes
4	5305	16	18.9	246	Yes
5	5310	15	15.4	274	Yes
6	5320	12	17.8	238	Yes
7	5325	13	13.7	279	Yes
8	5330	15	17.6	356	No
9	5285	14	18.9	379	Yes
10	5280	14	12.4	267	Yes
11	5275	12	15.1	415	No
12	5270	13	16.3	410	Yes
13	5265	14	13.7	229	Yes
14	5260	13	14.4	275	Yes
15	5255	13	18.4	464	Yes
16	5250	15	19.7	336	Yes
17	5295	14	16.5	348	Yes
18	5294	14	18.9	492	Yes
19	5298	16	12.4	318	Yes
20	5303	16	13.7	358	Yes
21	5328	15	19.5	387	Yes
22	5322	15	14.4	312	Yes
23	5326	14	14.6	473	Yes
24	5288	13	12.4	263	Yes
25	5286	13	14.4	310	Yes
26	5282	13	12.5	379	Yes
27	5277	16	12.4	338	Yes
28	5252	14	12.9	489	Yes
29	5258	14	11.3	349	Yes
30	5254	15	19.3	409	Yes
Summary: 28 detections in 30 trials.					

Table 30: Statistic Performance Check for FCC Radar Type 5 for 20 MHz Bandwidth

FCC 905462 D02 New Rules v02				
Tester:	Kerwinn Corpuz			
Test Lab:	TUV Rheinland of North America, Inc.			
Date:	August 11, 2017			
Device:	Wi-Fi Router, Model B010001 (USA), B010002 (IC)			
Serial:	SPE28JY			
Firmware:	NA			
Manufacturer:	eero			
Test:	data transfer continuously (iPerf app) at 5260 MHz, 11ACVHT20			
Center Freq. 5260 MHz	Occ. BW Lower Freq. 5252.1 MHz	Occ. BW Upper Freq. 5267.9 MHz		
Rohde & Schwarz K350 Pulse Sequencer DFS - RADAR TYPE 5				
Trial #	Center Freq. (MHz)	Chirp Width (MHz)	Subset	Detection (yes/no)
1	5260	15	1	Yes
2	5260	12	1	Yes
3	5260	15	1	Yes
4	5260	14	1	Yes
5	5260	14	1	Yes
6	5260	6	1	Yes
7	5260	9	1	Yes
8	5260	18	1	Yes
9	5260	6	1	Yes
10	5260	19	1	Yes
11	5258.5	16	2	Yes
12	5256.9	12	2	No
13	5257.3	13	2	Yes
14	5256.1	10	2	Yes
15	5256.1	10	2	Yes
16	5254.9	7	2	Yes
17	5256.1	10	2	Yes
18	5258.1	15	2	Yes
19	5256.9	12	2	Yes
20	5255.7	9	2	Yes
21	5264.3	9	3	Yes
22	5259.9	20	3	No
23	5264.7	8	3	Yes
24	5263.1	12	3	Yes
25	5261.9	15	3	No
26	5264.7	8	3	Yes
27	5260.3	19	3	Yes
28	5265.1	7	3	Yes
29	5265.5	6	3	Yes
30	5261.1	17	3	Yes
Summary: 27 detections in 30 trials. See Appendix A for Type 5 Radar Pulse details.				

Table 31: Statistic Performance Check for FCC Radar Type 5 for 40 MHz Bandwidth

FCC 905462 D02 New Rules v02				
Tester:	Kerwinn Corpuz			
Test Lab:	TUV Rheinland of North America, Inc.			
Date:	August 15, 2017			
Device:	Wi-Fi Router, Model B010001 (USA), B010002 (IC)			
Serial:	SPE28JY			
Firmware:	NA			
Manufacturer:	eero			
Test:	data transfer continuously (iPerf app) at 5270 MHz, 11ACVHT40			
Center Freq. 5270 MHz	Occ. BW Lower Freq. 5254.1 MHz	Occ. BW Upper Freq. 5285.9 MHz		
Rohde & Schwarz K350 Pulse Sequencer DFS - RADAR TYPE 5				
Trial #	Center Freq. (MHz)	Chirp Width (MHz)	Subset	Detection (yes/no)
1	5270	20	1	Yes
2	5270	5	1	Yes
3	5270	12	1	Yes
4	5270	8	1	Yes
5	5270	10	1	Yes
6	5270	6	1	Yes
7	5270	11	1	Yes
8	5270	15	1	Yes
9	5270	6	1	Yes
10	5270	16	1	Yes
11	5258.1	10	2	Yes
12	5261.3	18	2	Yes
13	5258.1	10	2	Yes
14	5256.1	5	2	Yes
15	5258.9	12	2	Yes
16	5256.5	6	2	Yes
17	5258.1	10	2	Yes
18	5257.7	9	2	Yes
19	5260.5	16	2	Yes
20	5258.9	12	2	Yes
21	5279.9	15	3	Yes
22	5281.9	10	3	Yes
23	5282.7	8	3	Yes
24	5283.1	7	3	Yes
25	5281.1	12	3	Yes
26	5279.5	16	3	Yes
27	5280.3	14	3	Yes
28	5283.5	6	3	Yes
29	5278.7	18	3	No
30	5282.7	8	3	Yes
Summary: 29 detections in 30 trials. See Appendix A for Type 5 Radar Pulse details.				

Table 32: Statistic Performance Check for FCC Radar Type 5 for 80 MHz Bandwidth

FCC 905462 D02 New Rules v02				
Tester:	Kerwinn Corpuz			
Test Lab:	TUV Rheinland of North America, Inc.			
Date:	August 29, 2017			
Device:	Wi-Fi Router, Model B010001 (USA), B010002 (IC)			
Serial:	SPE28JY			
Firmware:	NA			
Manufacturer:	eero			
Test:	data transfer continuously (iPerf app) at 5290 MHz, 11ACVHT80			
Center Freq. 5290 MHz	Occ. BW Lower Freq. 5256.5 MHz	Occ. BW Upper Freq. 5323.5 MHz		
Rohde & Schwarz K350 Pulse Sequencer DFS - RADAR TYPE 5				
Trial #	Center Freq. (MHz)	Chirp Width (MHz)	Subset	Detection (yes/no)
1	5290	16	1	Yes
2	5290	17	1	Yes
3	5290	13	1	No
4	5290	20	1	Yes
5	5290	14	1	Yes
6	5290	5	1	Yes
7	5290	16	1	Yes
8	5290	15	1	Yes
9	5290	8	1	Yes
10	5290	13	1	Yes
11	5260.9	11	2	Yes
12	5260.5	10	2	Yes
13	5260.5	10	2	Yes
14	5258.5	5	2	Yes
15	5260.1	9	2	Yes
16	5260.1	9	2	Yes
17	5264.1	19	2	Yes
18	5261.7	13	2	Yes
19	5260.5	10	2	Yes
20	5264.1	19	2	Yes
21	5317.1	16	3	Yes
22	5317.9	14	3	Yes
23	5316.7	17	3	Yes
24	5321.1	6	3	Yes
25	5319.9	9	3	Yes
26	5317.5	15	3	Yes
27	5317.5	15	3	Yes
28	5315.9	19	3	Yes
29	5318.3	13	3	Yes
30	5319.5	10	3	Yes
Summary: 29 detections in 30 trials. See Appendix A for Type 5 Radar Pulse details.				

Table 33: Statistic Performance Check for FCC Radar Type 6 for 20 MHz Bandwidth

FCC 905462 D02 New Rules v02		
Tester:	Kerwinn Corpuz	
Test Lab:	TUV Rheinland of North America, Inc.	
Date:	August 29, 2017	
Device:	Wi-Fi Router, Model B010001 (USA), B010002 (IC)	
Serial:	SPE28JY	
Firmware:	NA	
Manufacturer:	eero	
Test:	data transfer continuously (iPerf app) at 5260 MHz, 11ACVHT20	
Rohde & Schwarz K350 Pulse Sequencer DFS - RADAR TYPE 6		
Trial #	Radar Type 6 Files	Detection (yes/no)
1	20MHZ-T6-TRIAL-1	Yes
2	20MHZ-T6-TRIAL-2	Yes
3	20MHZ-T6-TRIAL-3	Yes
4	20MHZ-T6-TRIAL-4	Yes
5	20MHZ-T6-TRIAL-5	Yes
6	20MHZ-T6-TRIAL-6	Yes
7	20MHZ-T6-TRIAL-7	Yes
8	20MHZ-T6-TRIAL-8	Yes
9	20MHZ-T6-TRIAL-9	Yes
10	20MHZ-T6-TRIAL-10	Yes
11	20MHZ-T6-TRIAL-11	Yes
12	20MHZ-T6-TRIAL-12	Yes
13	20MHZ-T6-TRIAL-13	Yes
14	20MHZ-T6-TRIAL-14	Yes
15	20MHZ-T6-TRIAL-15	Yes
16	20MHZ-T6-TRIAL-16	Yes
17	20MHZ-T6-TRIAL-17	Yes
18	20MHZ-T6-TRIAL-18	Yes
19	20MHZ-T6-TRIAL-19	Yes
20	20MHZ-T6-TRIAL-20	Yes
21	20MHZ-T6-TRIAL-21	Yes
22	20MHZ-T6-TRIAL-22	Yes
23	20MHZ-T6-TRIAL-23	Yes
24	20MHZ-T6-TRIAL-24	Yes
25	20MHZ-T6-TRIAL-25	Yes
26	20MHZ-T6-TRIAL-26	Yes
27	20MHZ-T6-TRIAL-27	Yes
28	20MHZ-T6-TRIAL-28	Yes
29	20MHZ-T6-TRIAL-29	Yes
30	20MHZ-T6-TRIAL-30	Yes
Summary: 30 detections in 30 trials. See Appendix A for Type 6 Radar Pulse hopping patterns.		

Table 34: Statistic Performance Check for FCC Radar Type 6 for 40 MHz Bandwidth

FCC 905462 D02 New Rules v02		
Tester:	Kerwinn Corpuz	
Test Lab:	TUV Rheinland of North America, Inc.	
Date:	August 14, 2017	
Device:	Wi-Fi Router, Model B010001 (USA), B010002 (IC)	
Serial:	SPE28JY	
Firmware:	NA	
Manufacturer:	eero	
Test:	data transfer continuously (iPerf app) at 5270 MHz, 11ACVHT40	
Rohde & Schwarz K350 Pulse Sequencer - RADAR TYPE 6		
Trial #	Radar Type 6 Files	Detection (yes/no)
1	40MHZ-T6-TRIAL-1	Yes
2	40MHZ-T6-TRIAL-2	Yes
3	40MHZ-T6-TRIAL-3	Yes
4	40MHZ-T6-TRIAL-4	Yes
5	40MHZ-T6-TRIAL-5	Yes
6	40MHZ-T6-TRIAL-6	Yes
7	40MHZ-T6-TRIAL-7	Yes
8	40MHZ-T6-TRIAL-8	Yes
9	40MHZ-T6-TRIAL-9	Yes
10	40MHZ-T6-TRIAL-10	Yes
11	40MHZ-T6-TRIAL-11	Yes
12	40MHZ-T6-TRIAL-12	Yes
13	40MHZ-T6-TRIAL-13	Yes
14	40MHZ-T6-TRIAL-14	Yes
15	40MHZ-T6-TRIAL-15	Yes
16	40MHZ-T6-TRIAL-16	Yes
17	40MHZ-T6-TRIAL-17	Yes
18	40MHZ-T6-TRIAL-18	Yes
19	40MHZ-T6-TRIAL-19	Yes
20	40MHZ-T6-TRIAL-20	Yes
21	40MHZ-T6-TRIAL-21	Yes
22	40MHZ-T6-TRIAL-22	Yes
23	40MHZ-T6-TRIAL-23	Yes
24	40MHZ-T6-TRIAL-24	Yes
25	40MHZ-T6-TRIAL-25	Yes
26	40MHZ-T6-TRIAL-26	Yes
27	40MHZ-T6-TRIAL-27	Yes
28	40MHZ-T6-TRIAL-28	Yes
29	40MHZ-T6-TRIAL-29	Yes
30	40MHZ-T6-TRIAL-30	Yes
Summary: 30 detections in 30 trials. See Appendix A for Type 6 Radar Pulse hopping patterns.		

Table 35: Statistic Performance Check for FCC Radar Type 6 for 80 MHz Bandwidth

FCC 905462 D02 New Rules v02		
Tester:	Kerwinn Corpuz	
Test Lab:	TUV Rheinland of North America, Inc.	
Date:	August 15, 2017	
Device:	Wi-Fi Router, Model B010001 (USA), B010002 (IC)	
Serial:	SPE28JY	
Firmware:	NA	
Manufacturer:	eero	
Test:	data transfer continuously (iPerf app) at 5290 MHz, 11ACVHT80	
Rohde & Schwarz K350 Pulse Sequencer - RADAR TYPE 6		
Trial #	Radar Type 6 Files	Detection (yes/no)
1	80MHZ-T6-TRIAL-1	Yes
2	80MHZ-T6-TRIAL-2	Yes
3	80MHZ-T6-TRIAL-3	Yes
4	80MHZ-T6-TRIAL-4	Yes
5	80MHZ-T6-TRIAL-5	Yes
6	80MHZ-T6-TRIAL-6	Yes
7	80MHZ-T6-TRIAL-7	Yes
8	80MHZ-T6-TRIAL-8	Yes
9	80MHZ-T6-TRIAL-9	Yes
10	80MHZ-T6-TRIAL-10	Yes
11	80MHZ-T6-TRIAL-11	Yes
12	80MHZ-T6-TRIAL-12	Yes
13	80MHZ-T6-TRIAL-13	Yes
14	80MHZ-T6-TRIAL-14	Yes
15	80MHZ-T6-TRIAL-15	Yes
16	80MHZ-T6-TRIAL-16	Yes
17	80MHZ-T6-TRIAL-17	Yes
18	80MHZ-T6-TRIAL-18	Yes
19	80MHZ-T6-TRIAL-19	Yes
20	80MHZ-T6-TRIAL-20	Yes
21	80MHZ-T6-TRIAL-21	Yes
22	80MHZ-T6-TRIAL-22	Yes
23	80MHZ-T6-TRIAL-23	Yes
24	80MHZ-T6-TRIAL-24	Yes
25	80MHZ-T6-TRIAL-25	Yes
26	80MHZ-T6-TRIAL-26	Yes
27	80MHZ-T6-TRIAL-27	Yes
28	80MHZ-T6-TRIAL-28	Yes
29	80MHZ-T6-TRIAL-29	Yes
30	80MHZ-T6-TRIAL-30	Yes
Summary: 30 detections in 30 trials. See Appendix A for Type 6 Radar Pulse hopping patterns.		

5 Test Equipment Use List

Equipment	Manufacturer	Model #	Serial/Inst #	Last Cal mm/dd/yy	Next Cal mm/dd/yy
Spectrum Analyzer	Agilent	N9030A	MY52350885	06/08/2017	06/08/2018
Vector Signal Generator	Rhode Schwarz	SMU 200A	1141.2005.02	03/28/2017	03/28/2018
Horn Antenna (TX)	A.H. Systems, Inc.	SAS-571	752	NCR	NCR
Horn Antenna (RX)	EMCO	3115	9211-3969	05/16/2017	05/16/2019

* NCR = No Calibration Required

6 Test Setup Photo

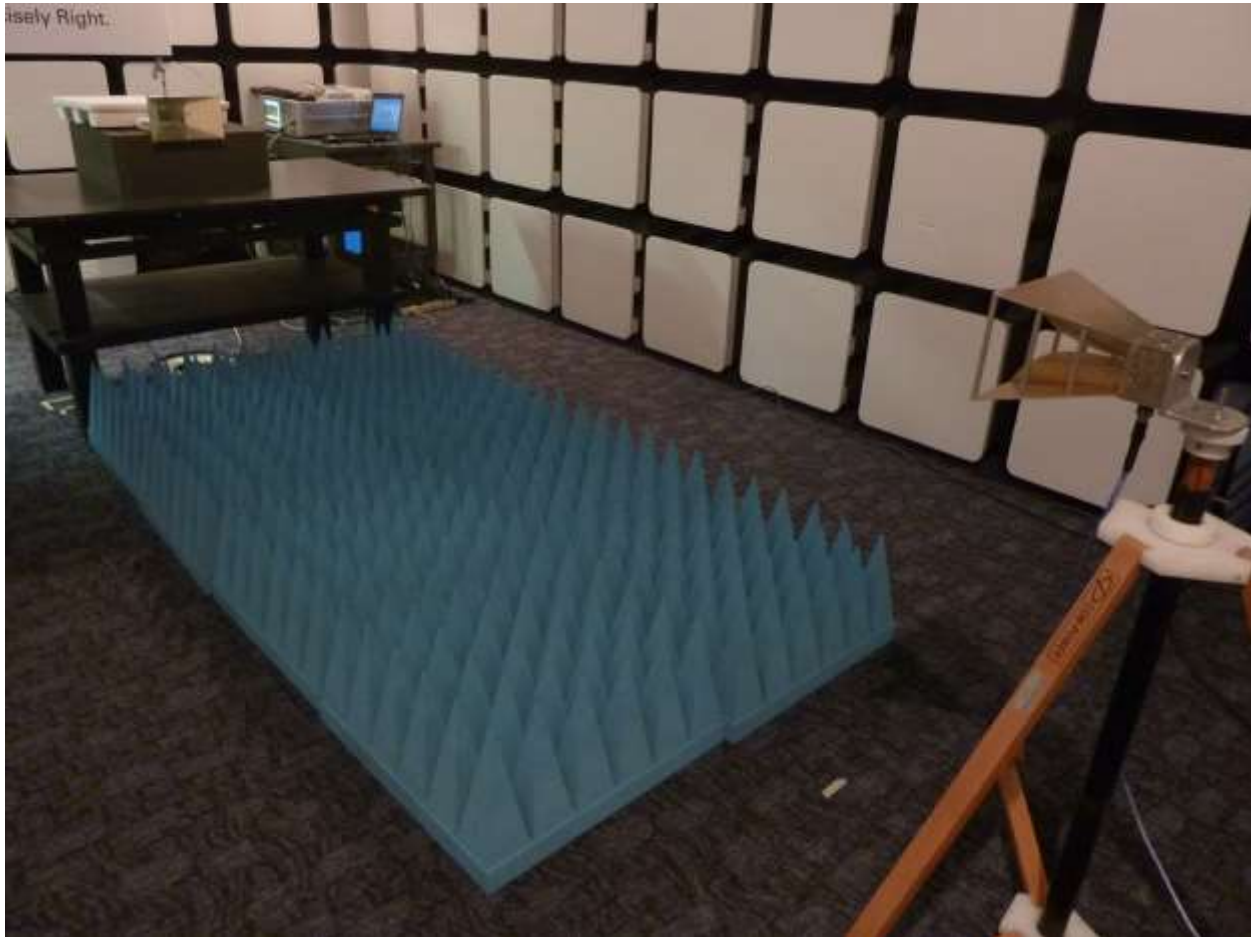


Figure 37: DFS Calibration Setup Photo

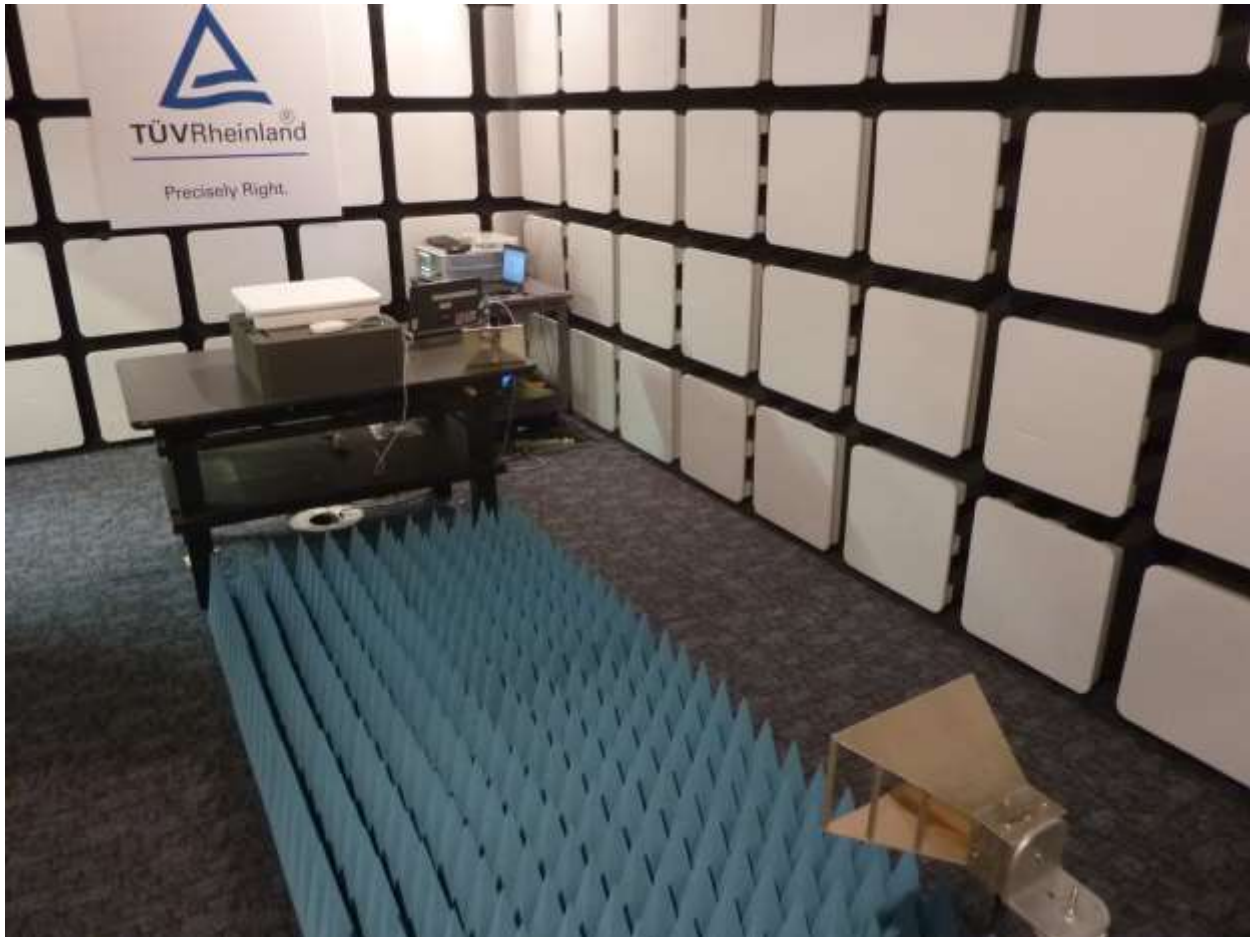


Figure 38: DFS Test Setup Photo for Master

7 DFS Test Plan

7.1 Introduction

This section provides a description of the Equipment Under Test (EUT), configurations, operating conditions, and performance acceptance criteria. It is an overview of information provided by the manufacturer so that the test laboratory may perform the requested testing.

7.2 Customer

Table 36: Customer Information

Company Name	eero inc.
Address	500 Howard Street, Suite 900
City, State, Zip	San Francisco, CA 94105
Country	U.S.A.
Phone	(415) 738-7972
Fax	

Table 37: Technical Contact Information

Name	Clifford Clarke
E-mail	cliff@eero.com
Phone	(415) 738-7972
Fax	

7.3 Equipment Under Test (EUT)

Table 38: EUT Specifications

EUT Specifications	
Dimensions	W: 4.75in (121mm) x D: 4.75in (121mm) x H: 0.85-1.26in (22-33mm)
AC Input	100-240V AC, 50 – 60 Hz
Environment	Indoor
Operating Temperature Range:	0 to 35 degrees C
Multiple Feeds:	<input type="checkbox"/> Yes and how many <input checked="" type="checkbox"/> No
Product Marketing Name (PMN)	B010001 (USA), B010002 (IC)
Hardware Version Identification Number (HVIN)	B010001 (USA), B010002 (IC)
Firmware Version Identification Number (FVIN)	3.0.0
802.11-radio modules	
Operating Mode	802.15.1, 802.15.4, 802.11g, 802.11a, 802.11n (HT20, HT40), 802.11ac (VHT20, VHT40, VHT80)
Transmitter Frequency Band	2.405 GHz to 2.475 GHz 2.402 GHz to 2.480 GHz 2.412 GHz – 2.462 GHz 5.15 GHz to 5.25 GHz (Indoor Use) 5.25 GHz to 5.35 GHz 5.47 GHz to 5.725 GHz 5.725 GHz to 5.85 GHz
Max. Rated Power Output	See Channel Planning Table.
Power Setting @ Operating Channel	See Channel Planning Table.
Antenna Type	Qty 7 – 2 custom antennas at 5.26-5.32GHz. See Table 39 for details
Antenna Gain	Antenna 1 = +2.52 dBi, Antenna 3 = +4.37 dBi. See Table 39 for details
Modulation Type	<input type="checkbox"/> AM <input type="checkbox"/> FM <input checked="" type="checkbox"/> DTS <input checked="" type="checkbox"/> OFDM <input type="checkbox"/> Other describe: 16QAM and 64 QAM

EUT Specifications	
Data Rate	2GHz Band: Thread (Zigbee) 250kbps BLE: 1-2 Mbps 802.11g: 2 Spatial Streams: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n HT20: 2 Spatial Streams: 13, 26, 39, 52, 78, 104, 117, 130 /156 Mbps (LGI) 802.11n HT40: 2 Spatial Streams: 27, 54, 81, 108, 162, 216, 243, 270 / 324, 370 Mbps (LGI) 5GHz Band: 802.11a: 1 Spatial Streams: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n/ac HT20/VHT20: 2 Spatial Streams: 13, 26, 39, 52, 78, 104, 117, 130 /156 Mbps (LGI) 802.11n/ac HT40/VHT40: 2 Spatial Streams: 27, 54, 81, 108, 162, 216, 243, 270 / 324, 370 Mbps (LGI) 802.11ac VHT 80: 2 Spatial Streams: 58.5, 117, 175.5, 234, 351, 468, 526.5, 585, 702, 780 Mbps (LGI)
TX/RX Chain (s)	MIMO (2x2)
Directional Gain Type	<input type="checkbox"/> Correlated <input checked="" type="checkbox"/> Beam-Forming <input type="checkbox"/> Other describe:
Type of Equipment	<input checked="" type="checkbox"/> Table Top <input checked="" type="checkbox"/> Wall-mount <input type="checkbox"/> Floor standing cabinet <input type="checkbox"/> Other:
Note: All 2 chains will be on / transmitted at all time.	

Table 39: Antenna Information

Number	Antenna Type	Description	Max Gain (dBi)
Antenna 1	Flex PCB	5 GHz Wi-Fi U-NII-1 Band, Chain 0	3.01
Antenna 1	Flex PCB	5 GHz Wi-Fi U-NII-2A Band, Chain 0	2.52
Antenna 2	Flex PCB	Bluetooth LE and Thread (Zigbee)	3.09
Antenna 3	Flex PCB	5 GHz Wi-Fi U-NII-1 Band, Chain 1	4.58
Antenna 3	Flex PCB	5 GHz Wi-Fi U-NII-2A Band, Chain 1	4.37
Antenna 4	Flex PCB	2.4 GHz Wi-Fi Chain 0	3.84
Antenna 5	Flex PCB	5 GHz Wi-Fi U-NII-2C Band, Chain 0	4.46
Antenna 5	Flex PCB	5 GHz Wi-Fi U-NII-3 Band, Chain 0	3.84
Antenna 6	Flex PCB	5 GHz Wi-Fi U-NII-2C Band, Chain 1	3.34
Antenna 6	Flex PCB	5 GHz Wi-Fi U-NII-3 Band, Chain 1	3.29
Antenna 7	Flex PCB	2.4 GHz Wi-Fi Chain 1	5.43

Table 40: EUT Channel Power Specifications

FCC Total Power for Non-Beamforming Mode

No.	Frequency (MHz)	Target Power Value dBm				
		802.11a	802.11n HT20	802.11n HT40	802.11ac VHT40	802.11ac VHT80
52	5260	21.01*	21.28**			
54	5270			23.64****	24.00*****	
58	5290					22.90****
62	5310			23.51****	23.35*****	
64	5320	21.35**	21.53***			

Note: 1. The adjusted power target values are updated at the evaluated frequencies.
 2. TP setting: * = 19, ** = 19.5, *** = 20, ****=21.5, *****=22.

RSS Total Power for Non-Beamforming Mode

No.	Frequency (MHz)	Target Power Value dBm					
		802.11a	802.11n HT20	802.11n HT40	802.11ac VHT40	802.11ac VHT80	
52	5260	18.45*	18.53**				
54	5270			18.35*	18.46*		
58	5290					18.43**	
62	5310			18.63**	18.36*		
64	5320	18.29*	18.38**				

Note: 1. The adjusted power target values are updated at the evaluated frequencies.
 2. TP setting: * = 16.5, ** = 17.

FCC Total Power for Beamforming Mode

No.	Frequency (MHz)	Target Power Value dBm					
		802.11a	802.11n HT20	802.11n HT40	802.11ac VHT40	802.11ac VHT80	
52	5260	21.01**	20.73*				
54	5270			23.12***	22.95***		
58	5290					22.90*****	
62	5310			22.96***	23.35*****		
64	5320	20.82*	20.96**				

Note: 1. The adjusted power target values are updated at the evaluated frequencies.
 2. TP setting: * = 19, ** = 19.5, *** = 21, *****=21.5.

RSS Total Power for Beamforming Mode

No.	Frequency (MHz)	Target Power Value dBm					
		802.11a	802.11n HT20	802.11n HT40	802.11ac VHT40	802.11ac VHT80	
52	5260	16.47*	16.08*				
54	5270			16.44*	16.45*		
58	5290					16.39**	
62	5310			16.30*	16.28*		
64	5320	16.16*	16.41*				

Note: 1. The adjusted power target values are updated at the evaluated frequencies.
 2. TP setting: * = 14.5, ** = 15.

Table 41: Interface Specifications

Interface Type	Cabled with what type of cable?	Is the cable shielded?	Maximum potential length of the cable?	Metallic (M), Coax (C), Fiber (F), or Not Applicable?
RJ45	CAT-5 Ethernet	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Metric: 2 m	<input checked="" type="checkbox"/> N/A
USB	USB	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Metric: 1 m	<input checked="" type="checkbox"/> N/A

Table 42: Supported Equipment

Equipment	Manufacturer	Model	Serial	Used for
Laptop	Dell	Latitude	35521341769	Configure EUT (Master)
Laptop	Apple	Mac Pro	C02PX426FVH8	Stream the video (Client)
Note: None.				

Table 43: Description of Sample used for Testing

Device	Serial	FCC 06-96	RF Connection
Master	SPE28JY	Use for 20 MHz bandwidth DFS tests	Radiated Method
Master	SPE28JY	Use for 40 MHz bandwidth DFS tests	
Master	SPE28JY	Use for 80 MHz bandwidth DFS tests	

Table 44: Test Mode for DFS

Test	20 MHz BW	40 MHz BW	80 MHz BW	Comments
DFS Detection Threshold	5260 MHz, 2 Streams	5270 MHz, 2 Streams	5290 MHz, 2 Streams	EUT transmits more than 200 mW. Calculate the detection threshold and used to verify all 6 types of waveforms.
U-NII Detection Bandwidth	5260 MHz, 2 Streams	5270 MHz, 2 Streams	5290 MHz, 2 Streams	Inject verified Type 1 waveforms with EUT.
Performance Requirements Checks	5260 MHz, 2 Streams	5270 MHz, 2 Streams	5290 MHz, 2 Streams	No traffic.
In-Service Monitoring	5260 MHz, 2 Streams	5270 MHz, 2 Streams	5290 MHz, 2 Streams	>17% data traffic using iPerf application at the client end.

Test	20 MHz BW	40 MHz BW	80 MHz BW	Comments
Radar Statistic Performance Check	5260 MHz, 2 Streams	5270 MHz, 2 Streams	5290 MHz, 2 Streams	>17% data traffic using iPerf application at the client end.
Note: 1. 5260 MHz was selected to represent 20 MHz bandwidth DFS characteristics of EUT. 2. 5270 MHz was selected to represent 40 MHz bandwidth DFS characteristics of EUT. 3. 5290 MHz was selected to represent 80 MHz bandwidth DFS characteristics of EUT. 4. All two chains will be on at all time.				

7.4 Test Specification

Table 45: Test Specifications

Dynamic Frequency Selection	
Standard	Requirement
CFR 47 Part 15.407(h) 2017, RSS-247 (6.3) 2017 and KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02	All

Appendix A

A.1 Radar Type 5 Parameters for 20 MHz Bandwidth

TYPE 5 PARAMETER SHEET							Rohde & Schwarz Pulse Sequencer
Trial Number : 1							
Bursts in Trial: 18							
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)	
1	2	58	15	1668		174.867	
2	2	93.8	15	1216		637.523	
3	3	91.1	15	1979	1601	258.257	
4	2	70.3	15	1842		343.11	
5	1	69.4	15			179.043	
6	1	89.3	15			105.407	
7	3	52	15	1437	1027	82.55	
8	2	87.6	15	1055		239.743	
9	3	93.3	15	1420	1628	149.427	
10	3	66.8	15	1208	1969	119.6	
11	2	56.8	15	1830		244.633	
12	3	85.9	15	1901	1573	611.787	
13	2	94.1	15	1805		558.48	
14	2	71.7	15	1114		334.903	
15	1	51.9	15			267.307	
16	3	99.5	15	1846	1737	316	
17	3	94.1	15	1713	1148	166.433	
18	2	73.1	15	1732		110.767	

TYPE 5 PARAMETER SHEET							Rohde & Schwarz Pulse Sequencer
Trial Number : 2							
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	83.4	12	1859		488.088	
2	3	73.2	12	1044	1107	262.117	
3	2	50.6	12	1655		521.524	
4	2	65.5	12	1418		45.871	
5	1	58.5	12			798.529	
6	2	59.8	12	1761		249.336	
7	2	54.2	12	1587		758.523	
8	1	93.8	12			483.69	
9	1	88.9	12			134.887	
10	2	53.6	12	1583		61.034	
11	3	85.6	12	1195	1134	575.541	
12	2	87	12	1652		507.369	
13	2	95.9	12	1597		602.386	
14	2	68.9	12	1206		237.443	

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 3						
Bursts in Trial: 18						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	78.4	15			32.55
2	3	89.5	15	1081	1353	577.203
3	2	67.4	15	1820		93.347
4	2	77.4	15	1186		489.37
5	3	89.3	15	1178	1673	76.223
6	2	77.7	15	1564		208.017
7	2	59.8	15	1828		94.66
8	1	75.7	15			25.963
9	3	97.6	15	1388	1490	393.077
10	2	77.2	15	1319		264.91
11	2	90	15	1732		375.133
12	3	89.6	15	1309	1211	580.207
13	3	76.9	15	1351	1817	393.45
14	2	62.4	15	1911		108.333
15	1	90.3	15			216.967
16	1	99.8	15			402.4
17	2	79	15	1411		564.433
18	2	90.3	15	1637		119.267

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 4						
Bursts in Trial: 13						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	68.6	14	1379		396.812
2	3	67.2	14	1616	1899	271.213
3	2	70.7	14	1907		720.256
4	2	96.3	14	1269		760.729
5	2	71.7	14	1533		492.502
6	1	73.1	14			853.725
7	2	55.4	14	1814		859.108
8	3	68.6	14	1777	1618	207.402
9	3	96.5	14	1093	1043	816.655
10	2	66.7	14	1016		552.108
11	2	88.2	14	1848		569.611
12	3	63.3	14	1350	1800	91.154
13	1	61.6	14			34.777

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 5						
Bursts in Trial: 18						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	68.4	14	1379	1159	257.382
2	3	97.7	14	1161	1058	495.773
3	2	67.6	14	1342		47.247
4	2	58	14	1516		216.54
5	1	98.5	14			109.723
6	3	77.8	14	1245	1919	14.117
7	3	76.8	14	1386	1724	225.72
8	2	85.1	14	1214		361.983
9	2	52.8	14	1058		519.867
10	2	72.8	14	1837		253.36
11	2	63.6	14	1752		479.423
12	3	66.5	14	1012	1500	198.617
13	2	97.1	14	1292		563.94
14	2	61.4	14	1359		636.873
15	3	82.9	14	1815	1243	175.907
16	1	60	14			369.4
17	1	92.5	14			326.233
18	3	81.4	14	1069	1379	545.167

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 6						
Bursts in Trial: 20						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	53.9	6	1663		267.078
2	2	70.6	6	1167		96.603
3	2	76.4	6	1764		51.39
4	1	60.2	6			330.52
5	2	65.7	6	1875		341.89
6	2	60.7	6	1109		585.62
7	2	52.8	6	1026		386.13
8	1	84.2	6			529.99
9	2	96.7	6	1042		34.68
10	2	59.3	6	1714		65.19
11	2	93.1	6	1550		575.52
12	2	81.8	6	1160		297.96
13	1	62.5	6			117.06
14	2	88.2	6	1967		338.15
15	2	82.6	6	1816		250.82
16	1	79.1	6			131.67
17	1	54.3	6			314.35
18	3	95.9	6	1034	1339	314.3
19	2	67.9	6	1119		129.5
20	2	63.3	6	1873		424.7

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 7						
Bursts in Trial: 12						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	72.1	9	1044		492.347
2	2	58.2	9	1190		16
3	3	60.1	9	1275	1335	538.01
4	1	88.5	9			251.24
5	2	79.7	9	1200		637.03
6	2	54.2	9	1055		584.48
7	3	80.6	9	1791	1585	954.1
8	2	54.1	9	1858		935.96
9	1	91.3	9			437.6
10	2	53.7	9	1787		388.95
11	2	78.8	9	1552		544.9
12	3	92.4	9	1353	1534	723.8

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 8						
Bursts in Trial: 9						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	73.2	18			1208.81
2	1	95.1	18			695.937
3	3	72.8	18	1093	1290	1060.483
4	3	98.7	18	1309	1067	503.45
5	2	76.5	18	1560		730.577
6	1	94.6	18			314.443
7	2	93.3	18	1310		114.66
8	2	73.1	18	1147		1192.167
9	2	89.2	18	1972		1094.133

TYPE 5 PARAMETER SHEET						
Rohde & Schwarz Pulse Sequencer						
Trial Number : 9						
Bursts in Trial: 9						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	50.1	6	1845		1148.64
2	3	65.2	6	1849	1131	534.487
3	1	63.3	6			273.843
4	1	79.6	6			850.68
5	1	58.3	6			624.007
6	3	91.6	6	1076	1506	347.703
7	2	93.2	6	1939		1008.13
8	1	77.2	6			642.577
9	3	51.7	6	1763	1193	604.333

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	57.7	19	1461		328.703
2	2	96.7	19	1990		300.661
3	2	92.5	19	1203		419.762
4	2	95.9	19	1608		61.193
5	3	57.7	19	1842	1804	446.154
6	3	88.2	19	1068	1996	226.405
7	2	83.6	19	1637		101.075
8	1	55	19			849.476
9	1	70.7	19			653.177
10	2	70.3	19	1178		999.218
11	2	62.5	19	1233		602.409

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 11						
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	65	16			339.429
2	3	90.1	16	1998	1173	863.32
3	2	95.3	16	1219		560.89
4	1	53	16			15.29
5	2	50	16	1832		118.19
6	2	83.5	16	1430		467.66
7	3	89.3	16	1195	1015	591.02
8	1	85.2	16			64.48
9	2	96.2	16	1427		486.19
10	2	86.7	16	1248		172.67
11	2	76.9	16	1584		723.2
12	3	96.8	16	1971	1725	301.7

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 12						
Bursts in Trial: 8						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	56.8	12	1580		518.867
2	1	84.6	12			861.9
3	2	97.5	12	1492		1398.09
4	1	85.1	12			212.31
5	1	64.9	12			1410.23
6	2	67.2	12	1589		287.06
7	1	81.7	12			72.54
8	3	84.8	12	1191	1696	1063.4

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 13						
Bursts in Trial: 20						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	99.4	13	1089		434.168
2	2	66.7	13	1769		530.89
3	1	60.5	13			273.47
4	1	50.3	13			355.11
5	3	50.3	13	1293	1626	171.43
6	2	62.1	13	1683		312.08
7	2	52.2	13	1505		468.79
8	1	52.1	13			515.89
9	2	99.2	13	1121		196.57
10	3	74.9	13	1336	1294	118.76
11	1	76.3	13			220.6
12	3	80.8	13	1783	1658	284.14
13	2	98.7	13	1960		298.9
14	2	74.8	13	1287		141.48
15	1	73	13			277.12
16	2	71.9	13	1727		220.43
17	3	72.5	13	1954	1184	444.9
18	3	89.5	13	1495	1546	175.4
19	2	54.4	13	1253		19.9
20	2	99.8	13	1462		95.3

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 14						
Bursts in Trial: 18						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	88.4	10			590.85
2	2	81.3	10	1186		263.721
3	2	79	10	1411		95.707
4	2	96.6	10	1210		523.87
5	2	90.2	10	1858		478.413
6	3	55.1	10	1466	1687	253.317
7	2	76.7	10	1859		405.31
8	1	70.5	10			544.413
9	1	65.9	10			420.797
10	3	98.3	10	1195	1598	645.08
11	2	86.7	10	1793		575.853
12	1	99	10			643.807
13	2	81.2	10	1879		115.89
14	3	95	10	1293	1664	535.083
15	3	96.6	10	1458	1310	123.537
16	2	63.2	10	1734		272.6
17	2	52.8	10	1964		98.233
18	2	78.4	10	1682		165.467

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 15						
Bursts in Trial: 14						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	57.1	10			65.124
2	2	72.8	10	1510		338.377
3	3	52.2	10	1701	1093	78.034
4	2	54.8	10	1889		189.111
5	1	50.4	10			184.229
6	1	62.9	10			849.536
7	3	80.6	10	1744	1405	784.223
8	2	83.9	10	1519		374.23
9	3	71.9	10	1031	1038	511.627
10	3	65.7	10	1908	1272	326.934
11	1	95.2	10			356.431
12	1	65.9	10			486.019
13	3	99.9	10	1682	1464	325.086
14	2	99.7	10	1792		504.143

TYPE 5 PARAMETER SHEET							Rohde & Schwarz Pulse Sequencer
Trial Number : 16							
Bursts in Trial: 13							
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)	
1	3	67.3	7	1402	1387	358.957	
2	2	74.9	7	1180		892.783	
3	2	76.7	7	1629		606.446	
4	2	58.6	7	1603		117.049	
5	1	89.2	7			875.532	
6	2	76.7	7	1866		388.975	
7	2	76.8	7	1390		827.968	
8	3	62.4	7	1304	1906	303.042	
9	3	75.7	7	1548	1358	593.245	
10	2	84	7	1750		31.818	
11	2	61.6	7	1250		567.401	
12	1	80	7			469.254	
13	1	98	7			833.377	

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 17						
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	99.2	10	1331		175.215
2	2	58.1	10	1474		233.14
3	1	95.3	10			68.15
4	3	74.3	10	1191	1156	209.2
5	2	52	10	1210		645.07
6	3	50.1	10	1469	1273	127.01
7	1	86	10			209.85
8	1	72.1	10			434.02
9	3	59.8	10	1881	1921	157.24
10	2	81.7	10	1656		356.19
11	2	84.2	10	1390		406.43
12	3	77.9	10	1197	1271	73.42
13	1	82.8	10			238.69
14	2	59.5	10	1468		652.4
15	2	91.1	10	1388		491.3

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 18						
Bursts in Trial: 19						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	90.2	15	1322		302.087
2	2	67.4	15	1246		4.192
3	2	64.2	15	1072		262.732
4	3	50.4	15	1234	1315	157.133
5	3	54.6	15	1922	1413	437.124
6	2	74	15	1092		159.065
7	3	64.7	15	1071	1865	55.046
8	2	63.5	15	1463		452.457
9	2	95.9	15	1877		148.218
10	3	92.8	15	1515	1977	291.229
11	2	67	15	1578		600.141
12	1	82.7	15			563.342
13	2	88.4	15	1425		560.213
14	2	58.7	15	1643		502.534
15	2	92.7	15	1999		411.945
16	1	72.1	15			589.216
17	2	68.4	15	1871		76.037
18	1	86.4	15			485.558
19	1	50.2	15			176.479

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 19						
Bursts in Trial: 19						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	92.6	12	1173		205.281
2	2	98.8	12	1201		90.205
3	2	87	12	1090		444.762
4	3	99.1	12	1563	1175	487.593
5	3	56.4	12	1127	1491	32.164
6	2	56.9	12	1502		39.535
7	2	65.7	12	1454		59.646
8	1	70	12			72.377
9	2	85.9	12	1265		434.198
10	2	85.9	12	1406		184.959
11	2	87	12	1006		9.551
12	2	70.6	12	1675		488.042
13	1	90.3	12			331.753
14	2	91.2	12	1629		283.584
15	1	88.2	12			439.125
16	3	65.9	12	1337	1569	199.146
17	2	74.2	12	1346		496.637
18	2	83.1	12	1345		244.158
19	2	74.2	12	1454		467.379

TYPE 5 PARAMETER SHEET

Rohde & Schwarz
Pulse Sequencer

Trial Number : 20

Bursts in Trial: 9

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μ sec)	Pulse 2-to-3 PRI (μ sec)	Start Location Within Interval (msec)
1	3	74.1	9	1722	1597	477.684
2	3	56.6	9	1841	1514	181.177
3	2	76.4	9	1065		833.143
4	2	66.1	9	1960		1306.43
5	1	94.8	9			1068.577
6	3	83.9	9	1505	1830	142.513
7	1	92.9	9			914.52
8	3	69.8	9	1596	1698	1210.567
9	2	100	9	1565		804.033

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 21						
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	91.9	9	1112		430.715
2	1	80.3	9			698.26
3	1	77.2	9			55.17
4	3	67.5	9	1472	1812	247.02
5	1	66	9			555.47
6	2	63.4	9	1821		471.75
7	2	56.6	9	1187		601.45
8	2	72.7	9	1556		603.8
9	2	50.6	9	1369		404.24
10	1	80.1	9			8.42
11	2	58.9	9	1813		220.36
12	2	57.5	9	1612		70.58
13	3	89.9	9	1264	1034	206.89
14	3	82.6	9	1460	1506	166.5
15	2	87.4	9	1608		398.8

TYPE 5 PARAMETER SHEET							Rohde & Schwarz Pulse Sequencer
Trial Number : 22							
Bursts in Trial: 10							
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)	
1	3	86.7	20	1446	1111	1064.59	
2	1	71.6	20			50.83	
3	1	92.1	20			840.24	
4	2	77.3	20	1548		157.54	
5	2	85.9	20	1627		96.63	
6	1	67.5	20			418.68	
7	3	78.3	20	1133	1755	560.71	
8	3	53.1	20	1017	1039	904.2	
9	3	72	20	1356	1177	889.9	
10	2	58.3	20	1590		477.7	

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 23						
Bursts in Trial: 16						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	89.1	8			90.037
2	2	92	8	1518		536.44
3	2	59.2	8	1087		370.49
4	2	52.7	8	1561		82.8
5	3	72.4	8	1016	1107	91.52
6	1	96.2	8			113.82
7	2	57.9	8	1034		259.84
8	2	52.2	8	1403		15.56
9	2	57	8	1617		26.87
10	2	86.5	8	1832		602.78
11	2	89.5	8	1985		190.53
12	3	75.2	8	1342	1747	334.43
13	2	98.8	8	1427		335.47
14	2	55.9	8	1369		79.14
15	2	71.7	8	1397		316.8
16	1	98.8	8			274

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	84.7	12	1143		538.227
2	3	54.5	12	1046	1862	283.688
3	1	63.4	12			641.127
4	2	52.1	12	1947		530.2
5	3	65.8	12	1501	1085	4.343
6	1	55.6	12			229.277
7	3	54.8	12	1415	1480	372.86
8	1	55.1	12			100.523
9	1	54	12			327.977
10	2	98.9	12	1951		403.2
11	2	97.5	12	1759		326.293
12	3	95.5	12	1765	1339	406.017
13	3	84	12	1679	1079	247.86
14	3	63.6	12	1666	1899	26.033
15	3	59.4	12	1896	1003	385.457
16	2	69.6	12	1115		547.5
17	2	86.4	12	1998		282.533
18	1	72.9	12			127.167

TYPE 5 PARAMETER SHEET							Rohde & Schwarz Pulse Sequencer
Trial Number : 25							
Bursts in Trial: 9							
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)	
1	2	83.8	15	1556		260.051	
2	2	55.5	15	1700		716.417	
3	2	94.2	15	1187		675.403	
4	1	85.3	15			880.43	
5	3	55.3	15	1721	1062	346.107	
6	3	68.7	15	1576	1718	995.883	
7	2	66.5	15	1333		820.51	
8	2	93.1	15	1534		998.567	
9	3	54.1	15	1268	1854	453.233	

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 26						
Bursts in Trial: 10						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	66.8	8	1066		924.539
2	1	86.2	8			527.24
3	2	81.9	8	1892		625.92
4	1	92.3	8			1123.16
5	3	76.3	8	1168	1948	625.45
6	2	56.3	8	1712		1146.89
7	2	71.7	8	1604		635.09
8	1	77.8	8			973.02
9	1	62.2	8			211.59
10	3	84.8	8	1035	1089	747

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 27						
Bursts in Trial: 17						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	72.1	19	1163		669.559
2	2	71.7	19	1587		520.828
3	2	55.8	19	1456		398.705
4	3	56.5	19	1850	1622	230.623
5	1	60.8	19			540.201
6	1	85.6	19			661.878
7	2	75	19	1476		336.086
8	2	71.7	19	1709		546.834
9	1	97.8	19			164.331
10	2	86.7	19	1794		209.199
11	2	93.2	19	1731		5.476
12	2	74.8	19	1085		464.034
13	2	75.9	19	1735		502.612
14	2	93.6	19	1868		424.269
15	2	93.9	19	1083		493.347
16	2	83.3	19	1027		261.165
17	1	94	19			409.582

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 28						
Bursts in Trial: 14						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	54.5	7			618.976
2	2	95.8	7	1730		380.457
3	3	59.8	7	1394	1517	683.694
4	1	96.4	7			687.781
5	2	88	7	1865		578.079
6	3	59.1	7	1414	1916	763.566
7	1	99.6	7			287.483
8	1	92	7			732.27
9	1	87.7	7			264.487
10	3	86.4	7	1622	1931	609.494
11	1	78.1	7			215.941
12	2	72.1	7	1528		404.859
13	2	67.9	7	1510		577.986
14	2	75.1	7	1169		676.043

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 29						
Bursts in Trial: 17						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	60.5	6	1073		686.098
2	2	58.5	6	1129		433.438
3	2	64.6	6	1157		180.385
4	2	57.7	6	1952		315.683
5	2	98	6	1943		104.511
6	2	83.9	6	1372		690.748
7	1	57.5	6			612.986
8	2	79.7	6	1816		291.294
9	1	52.8	6			96.181
10	2	77.1	6	1086		49.509
11	3	73.2	6	1341	1010	262.006
12	2	95.5	6	1100		98.484
13	2	60.5	6	1665		582.262
14	3	82.4	6	1033	1636	397.509
15	1	87.4	6			618.347
16	3	68.4	6	1420	1250	111.765
17	1	70.4	6			468.282

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 30						
Bursts in Trial: 20						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	50.6	17			143.225
2	2	57	17	1758		242.968
3	3	86.5	17	1782	1134	143.22
4	1	98.4	17			30.78
5	3	85.6	17	1567	1686	419.73
6	2	99.5	17	1886		368.59
7	2	52.6	17	1757		540.66
8	2	66.9	17	1156		195.69
9	3	62.6	17	1402	1368	30.32
10	2	56.5	17	1547		389.58
11	1	62.5	17			573.87
12	3	62.3	17	1350	1636	83.61
13	2	91.3	17	1384		469.59
14	2	96.8	17	1318		181.53
15	2	87.1	17	1551		83.5
16	2	51.5	17	1648		379.62
17	2	61.1	17	1375		270.1
18	1	61.4	17			280.3
19	1	66.1	17			468.7
20	2	51.6	17	1658		373.9

A.2 Radar Type 5 Parameters for 40 MHz Bandwidth

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 1						
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	91.6	20	1266		164.952
2	2	61.4	20	1018		892.241
3	1	80.7	20			996.482
4	2	81.8	20	1623		596.323
5	3	54.5	20	1264	1424	639.384
6	3	86.6	20	1272	1119	480.725
7	3	94.2	20	1486	1043	326.785
8	3	90.9	20	1496	1494	653.116
9	2	65.1	20	1280		1078.607
10	2	76.7	20	1578		595.218
11	2	62.4	20	1188		933.709

TYPE 5 PARAMETER SHEET						
Rohde & Schwarz Pulse Sequencer						
Trial Number : 2						
Bursts in Trial: 8						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	51.7	5	1735		872.372
2	3	65.9	5	1411	1498	1022.97
3	1	73	5			227.04
4	2	59.2	5	1229		1182.66
5	1	61.1	5			824.23
6	3	72.4	5	1051	1563	1278.84
7	3	100	5	1247	1516	753.56
8	3	58.2	5	1197	1591	260.6

TYPE 5 PARAMETER SHEET							Rohde & Schwarz Pulse Sequencer
Trial Number : 3							
Bursts in Trial: 12							
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)	
1	1	77.5	12			491.931	
2	2	91.6	12	1469		461.6	
3	3	98.1	12	1588	1469	229.77	
4	3	72.6	12	1710	1013	505.7	
5	3	70.1	12	1578	1441	370.89	
6	3	67.3	12	1752	1472	231.9	
7	3	71.9	12	1734	1728	205.83	
8	2	61	12	1687		827.68	
9	2	87.1	12	1919		91.72	
10	2	75.4	12	1788		189.87	
11	3	69.1	12	1167	1845	277.2	
12	1	98.1	12			278.3	

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 4						
Bursts in Trial: 16						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	74.3	8	1833	1526	23.745
2	1	78.8	8			733.81
3	2	62.3	8	1188		322.99
4	2	53.8	8	1363		259.65
5	3	98.1	8	1914	1743	716.4
6	3	72.6	8	1772	1050	331.01
7	1	78.4	8			330.65
8	2	71.7	8	1097		241.71
9	2	95.2	8	1862		452.46
10	2	95.3	8	1485		602.1
11	2	61.7	8	1712		576.43
12	3	81.5	8	1675	1531	64.98
13	1	53.2	8			632.67
14	2	55.4	8	1798		694.6
15	2	81.2	8	1536		451
16	3	77.7	8	1666	1597	419.5

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 5						
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	62	10			508.93
2	3	75.4	10	1548	1051	570.14
3	2	87.2	10	1497		465.2
4	2	67.4	10	1936		17.42
5	1	82.6	10			759.94
6	2	70.2	10	1186		451.63
7	2	78.5	10	1054		468.25
8	2	57.6	10	1809		208.9
9	1	70.2	10			405.02
10	2	97	10	1504		514.66
11	3	52.5	10	1665	1539	537.22
12	2	68.8	10	1684		284.84
13	2	87.5	10	1863		463.6
14	2	67.1	10	1838		613.4
15	1	85.3	10			547.8

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 6						
Bursts in Trial: 20						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	63.3	6	1306	1613	367.824
2	3	88.6	6	1005	1126	586.69
3	1	72.4	6			461.62
4	2	78.7	6	1715		202.31
5	2	71.9	6	1328		590.78
6	3	84.5	6	1234	1540	81.21
7	1	88.4	6			497.95
8	2	69.3	6	1401		243.66
9	3	53.6	6	1060	1765	21.38
10	2	59.2	6	1208		238.3
11	2	73.9	6	1383		153.01
12	1	96	6			478.48
13	2	97.8	6	1805		257.14
14	3	68.2	6	1361	1119	466.59
15	2	70.9	6	1519		257.08
16	2	88.8	6	1067		130.87
17	2	92	6	1345		398.37
18	2	92.6	6	1091		96.9
19	1	68.6	6			488.5
20	2	64.5	6	1999		377.8

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 7						
Bursts in Trial: 15						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	63.6	11			667.178
2	2	64.2	11	1845		545.92
3	1	60	11			39.37
4	1	89.8	11			295.16
5	2	79.7	11	1245		419.76
6	2	71.1	11	1967		768.09
7	2	58.3	11	1012		86.8
8	1	78.6	11			769.94
9	3	73	11	1197	1192	155.71
10	2	90.4	11	1161		789.82
11	1	69.5	11			173.67
12	3	63.9	11	1424	1973	756.05
13	3	80.5	11	1987	1683	773.5
14	2	86.8	11	1197		792.3
15	1	91.8	11			284.5

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 8						
Bursts in Trial: 19						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	67.9	15	1181	1245	137.739
2	3	51.1	15	1943	1818	18.273
3	1	71.9	15			140.472
4	1	54.9	15			208.053
5	3	69.4	15	1270	1316	45.274
6	1	89	15			225.275
7	3	98.3	15	1721	1582	288.716
8	3	98.7	15	1177	1738	537.467
9	2	57.6	15	1982		614.838
10	3	83.2	15	1055	1927	216.229
11	2	61.8	15	1942		96.521
12	1	84.5	15			12.252
13	1	99.9	15			523.943
14	1	90.4	15			359.134
15	3	97.4	15	1886	1816	174.255
16	3	51.3	15	1932	1880	389.036
17	3	67.3	15	1122	1827	311.637
18	3	75.5	15	1201	1994	362.058
19	2	60.5	15	1796		267.379

TYPE 5 PARAMETER SHEET							Rohde & Schwarz Pulse Sequencer
Trial Number : 9							
Bursts in Trial: 10							
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)	
1	2	63.6	6	1002		1088.39	
2	2	66.2	6	1113		538.71	
3	3	87.7	6	1913	1955	603.31	
4	3	70.4	6	1956	1542	263.68	
5	2	97.5	6	1677		489.07	
6	3	61.4	6	1642	1361	1169.01	
7	1	73.4	6			1096.24	
8	1	58.2	6			706.58	
9	1	80.6	6			1132.9	
10	2	59.5	6	1438		1127.4	

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 13						
Bursts in Trial: 18						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	97.6	10	1613		520.889
2	2	91.8	10	1662		511.553
3	1	50.2	10			420.477
4	2	80.8	10	1345		583.86
5	2	82.9	10	1134		587.673
6	2	88.3	10	1448		157.007
7	3	89.7	10	1910	1074	246.39
8	2	54.7	10	1799		432.313
9	2	76.6	10	1074		100.947
10	3	71.4	10	1488	1110	608.24
11	3	98.1	10	1306	1583	520.653
12	3	93.5	10	1872	1954	396.117
13	2	83.8	10	1967		471.17
14	2	65.9	10	1379		421.523
15	3	50.9	10	1999	1985	197.717
16	1	55.3	10			241.3
17	1	69.2	10			410.633
18	2	68.6	10	1752		432.467

TYPE 5 PARAMETER SHEET							Rohde & Schwarz Pulse Sequencer
Trial Number : 15							
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	98.6	12			584.331	
2	1	53.3	12			745.171	
3	2	84.9	12	1995		1034.902	
4	1	55.9	12			284.593	
5	3	55.1	12	1764	1690	757.994	
6	3	56.7	12	1430	1059	545.485	
7	2	98.2	12	1517		520.955	
8	2	93.1	12	1776		963.646	
9	2	95.8	12	1010		148.617	
10	2	80.3	12	1574		573.718	
11	2	87.2	12	1507		464.609	

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 16						
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	85.1	6	1290		293.584
2	3	75.5	6	1139	1516	182.338
3	2	82.9	6	1350		547.05
4	3	67.3	6	1562	1524	383.9
5	2	91.6	6	1530		384.35
6	1	56.2	6			710.04
7	2	55.4	6	1849		65.05
8	2	51.2	6	1675		353.87
9	2	50.4	6	1568		634.76
10	2	64.3	6	1342		472.91
11	2	65.6	6	1369		136.33
12	2	59.8	6	1671		431.65
13	2	77.4	6	1009		32.6
14	2	59.1	6	1491		138.27
15	2	89.9	6	1113		516.2
16	2	98.7	6	1987		291.2

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 17						
Bursts in Trial: 16						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	50	10	1231	1981	671.336
2	2	81.9	10	1290		735.2
3	3	53.2	10	1019	1797	146.19
4	2	57	10	1332		480.41
5	2	99.8	10	1580		286.36
6	1	89.7	10			354.54
7	2	62	10	1448		421.76
8	1	86.9	10			542.73
9	2	65.8	10	1353		552.83
10	2	80.5	10	1891		647.75
11	3	58.5	10	1677	1713	473.52
12	3	86.9	10	1099	1299	270.82
13	3	88.8	10	1064	1612	6.85
14	2	80.2	10	1355		721.2
15	1	81.8	10			305.3
16	2	51	10	1796		567.6

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	58.1	16	1839		979.889	
2	3	57.7	16	1850	1718	989.65	
3	3	84.3	16	1273	1348	772.07	
4	3	99.2	16	1040	1955	452.86	
5	2	95.1	16	1626		191.03	
6	1	69.4	16			461.38	
7	3	90.5	16	1226	1296	956.66	
8	1	80.2	16			776.62	
9	2	94.5	16	1713		704.6	
10	2	81.1	16	1732		443.6	

TYPE 5 PARAMETER SHEET							Rohde & Schwarz Pulse Sequencer
Trial Number : 20							
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	83.8	12			193.81	
2	3	88.9	12	1009	1153	770.891	
3	3	91	12	1817	1236	215.622	
4	1	92.7	12			816.653	
5	3	63.4	12	1660	1541	672.174	
6	2	61.2	12	1838		118.065	
7	3	66.5	12	1996	1382	15.965	
8	1	60.4	12			175.976	
9	2	69.1	12	1902		612.067	
10	2	74.9	12	1811		644.218	
11	2	52.9	12	1376		879.109	

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	61.4	15	1940		32.233
2	3	57.9	15	1900	1378	101.952
3	2	80.9	15	1997		245.26
4	2	92.1	15	1275		558.04
5	1	94.9	15			250.41
6	1	62	15			95.13
7	3	60	15	1245	1107	98.16
8	2	83	15	1451		290.54
9	2	54.4	15	1259		418.27
10	3	68.5	15	1080	1393	58.75
11	2	72	15	1107		524.45
12	2	91.2	15	1638		57
13	1	79.6	15			608.2
14	2	81.8	15	1183		651.1
15	2	52.5	15	1710		79.9
16	3	88.8	15	1221	1013	90.3

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 22						
Bursts in Trial: 18						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	70.8	10	1100		550.206
2	3	74.5	10	1174	1656	409.193
3	2	79.8	10	1020		140.787
4	2	86.7	10	1776		106.83
5	2	61.2	10	1215		523.503
6	2	84.5	10	1644		19.807
7	1	62.5	10			154.44
8	1	82.3	10			165.043
9	3	54.7	10	1447	1186	303.417
10	3	81.4	10	1756	1582	292.19
11	2	50.9	10	1607		495.163
12	2	58.6	10	1098		295.947
13	1	85.6	10			176.98
14	3	52.9	10	1735	1400	557.083
15	1	96.3	10			373.257
16	2	70.1	10	1932		321.3
17	3	82	10	1052	1061	576.033
18	3	95.7	10	1578	1427	165.167

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 23						
Bursts in Trial: 18						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	96.4	8			251.09
2	1	75.7	8			300.981
3	2	64.5	8	1516		233.647
4	1	56.1	8			461.67
5	2	89.1	8	1929		348.923
6	3	83	8	1861	1264	56.367
7	1	94.4	8			235.35
8	3	62.9	8	1093	1775	153.983
9	1	85.5	8			625.237
10	2	70.6	8	1712		548.01
11	3	88.5	8	1181	1363	639.433
12	2	60.5	8	1262		1.047
13	3	93.3	8	1097	1412	17.89
14	1	66.4	8			44.633
15	3	57.3	8	1798	1665	385.527
16	2	95.3	8	1659		326.7
17	1	60.6	8			51.533
18	2	77.9	8	1224		636.167

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 25						
Bursts in Trial: 15						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	57.8	12			440.197
2	2	60.4	12	1572		635.79
3	2	91.2	12	1207		37.79
4	1	79.4	12			327.16
5	2	86.8	12	1492		124.01
6	2	69.4	12	1316		15.58
7	2	62.9	12	1339		355.13
8	1	70.3	12			231.74
9	2	62.2	12	1208		528.78
10	1	79.9	12			171.1
11	1	98.3	12			510.06
12	2	97.7	12	1021		179.64
13	1	64.4	12			238.82
14	1	58.5	12			9.7
15	2	68.7	12	1186		224.9

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 26						
Bursts in Trial: 12						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	54.3	16	1277		196.674
2	2	97.1	16	1002		450.24
3	1	72.4	16			26.41
4	1	88.8	16			66.29
5	2	70.9	16	1780		776.54
6	3	87.5	16	1439	1890	713.85
7	1	74.7	16			83.34
8	2	94.5	16	1514		569.55
9	2	65.7	16	1434		502.09
10	3	95.9	16	1229	1089	250.62
11	2	79	16	1698		444.5
12	1	95.3	16			301.1

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 27						
Bursts in Trial: 13						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	92.5	14	1184	1971	637.206
2	2	94.5	14	1651		481.273
3	1	74.3	14			529.146
4	3	84.1	14	1785	1231	311.439
5	3	66	14	1856	1558	443.432
6	1	65.7	14			763.775
7	2	72.5	14	1188		635.438
8	3	82.7	14	1821	1281	182.802
9	1	52.4	14			766.935
10	1	67.2	14			651.568
11	2	61.2	14	1522		610.201
12	2	88.9	14	1486		836.154
13	1	75.1	14			854.277

TYPE 5 PARAMETER SHEET							Rohde & Schwarz Pulse Sequencer
Trial Number : 28							
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	95.2	6	1160	1518	150.897	
2	2	53.4	6	1232		26.676	
3	3	88.1	6	1625	1073	319.294	
4	3	93.3	6	1647	1718	696.641	
5	3	83.4	6	1899	1079	436.159	
6	2	96.9	6	1882		88.716	
7	2	93.6	6	1134		183.173	
8	1	51.1	6			82.34	
9	1	75.3	6			772.297	
10	1	93.1	6			0.964	
11	1	85.8	6			596.661	
12	2	93.7	6	1185		171.079	
13	3	92.7	6	1611	1063	6.686	
14	1	62.9	6			442.343	

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 29						
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	63.8	18	1573		85.073
2	2	78.9	18	1153		202.287
3	3	68.2	18	1475	1086	737.604
4	2	86.6	18	1456		425.331
5	2	69.5	18	1141		587.619
6	1	97.2	18			359.076
7	2	94.6	18	1400		590.423
8	1	59.5	18			691.18
9	1	90	18			455.187
10	3	53.9	18	1210	1488	498.364
11	1	63.3	18			682.991
12	2	66.8	18	1472		4.299
13	2	72.9	18	1130		373.686
14	2	53	18	1987		566.243

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 30						
Bursts in Trial: 13						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	77	8	1536		620.538
2	2	77.6	8	1546		812.433
3	3	66.3	8	1244	1910	598.196
4	2	70.1	8	1020		414.389
5	2	74.9	8	1959		782.932
6	1	56	8			905.945
7	3	81.5	8	1865	1531	107.478
8	2	79	8	1525		239.992
9	2	67.1	8	1035		629.495
10	2	88.9	8	1785		893.598
11	2	92.9	8	1605		781.731
12	2	78.1	8	1647		456.254
13	2	56.3	8	1591		497.777

A.3 Radar Type 5 Parameters for 80 MHz Bandwidth

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 1						
Bursts in Trial: 13						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	57.9	16	1266		27.511
2	1	79.4	16			173.653
3	3	72	16	1228	1076	64.196
4	2	69.5	16	1702		244.359
5	2	78.9	16	1693		242.032
6	2	83.1	16	1287		768.285
7	3	62.7	16	1984	1636	417.288
8	1	87.5	16			456.632
9	2	93.1	16	1770		449.955
10	2	86.8	16	1898		306.208
11	2	62.5	16	1847		181.281
12	1	77.8	16			902.754
13	2	82.3	16	1055		766.377

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 2						
Bursts in Trial: 14						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	69	17			70.262
2	2	76.7	17	1402		691.357
3	2	72.1	17	1170		744.584
4	3	78.3	17	1056	1340	451.061
5	1	89.4	17			760.949
6	3	81.3	17	1421	1414	483.916
7	1	54.1	17			431.073
8	2	80.2	17	1616		420.11
9	3	78.2	17	1900	1298	568.207
10	1	91.6	17			701.164
11	1	73.8	17			603.251
12	1	76.1	17			734.429
13	3	85.8	17	1349	1873	511.186
14	2	67.9	17	1363		367.243

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 4						
Bursts in Trial: 16						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	52.4	20			300.579
2	2	61.4	20	1796		112.095
3	3	54.7	20	1625	1433	141.6
4	2	50.3	20	1444		15.69
5	3	75.8	20	1980	1244	341.06
6	1	81.6	20			102.39
7	3	85.4	20	1023	1392	361.55
8	2	83.9	20	1533		663.49
9	1	96	20			507.02
10	1	77.5	20			50.14
11	2	55.8	20	1917		554.13
12	3	90.1	20	1862	1632	555.36
13	2	65.6	20	1687		551.07
14	2	83.5	20	1607		736.5
15	1	62.5	20			406.1
16	2	88.3	20	1890		267.9

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 5						
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	52.2	14	1122		291.879
2	2	67.1	14	1017		595
3	1	64.3	14			291.18
4	1	64.7	14			462.81
5	2	53.6	14	1626		894.3
6	2	65.5	14	1254		242.03
7	2	68.8	14	1992		115.57
8	3	56.5	14	1627	1080	759.23
9	1	91.1	14			622.45
10	2	98.9	14	1633		796.32
11	1	71.9	14			51.6
12	2	97.1	14	1444		348

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 7						
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	84.3	16	1427		301.149
2	2	79.2	16	1159		696.437
3	2	70.2	16	1670		107.484
4	2	83.9	16	1596		627.461
5	2	80.8	16	1351		358.669
6	3	100	16	1459	1386	546.786
7	2	63.5	16	1683		387.143
8	1	78.1	16			661.22
9	1	93.5	16			595.637
10	1	56	16			22.434
11	2	84.7	16	1601		390.321
12	2	71.3	16	1316		323.439
13	3	53.5	16	1212	1035	832.186
14	2	59.5	16	1688		388.243

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 8						
Bursts in Trial: 13						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	62.7	15			737.726
2	3	97	15	1138	1565	488.343
3	3	80	15	1191	1640	824.776
4	3	93.3	15	1567	1884	599.939
5	1	69.1	15			233.542
6	1	79.7	15			817.915
7	2	81.6	15	1150		733.838
8	2	91.1	15	1923		802.742
9	3	93.1	15	1671	1564	889.055
10	2	99.2	15	1840		211.268
11	2	54.8	15	1231		480.751
12	3	92.9	15	1924	1992	353.354
13	3	59.4	15	1502	1644	422.577

TYPE 5 PARAMETER SHEET							Rohde & Schwarz Pulse Sequencer
Trial Number : 10							
Bursts in Trial: 15							
Burst	Number of Pulses	Pulse Width (μsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)	
1	2	96	13	1551		32.723	
2	2	70.8	13	1848		573.33	
3	1	62.7	13			788.83	
4	2	82.4	13	1072		216.36	
5	2	84.5	13	1149		51.71	
6	3	73.3	13	1212	1837	252.38	
7	3	78.6	13	1276	1672	202.74	
8	1	96.4	13			25.21	
9	3	71	13	1224	1979	386.73	
10	2	53.6	13	1746		791.29	
11	3	53.2	13	1146	1284	338.67	
12	1	69.7	13			729.54	
13	3	67.6	13	1193	1471	344.79	
14	3	58.9	13	1291	1924	618.3	
15	1	92.2	13			140.8	

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 11						
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	66.1	11	1368		473.829
2	3	92.1	11	1628	1081	658.13
3	2	81	11	1689		429.46
4	2	72.5	11	1198		104.38
5	2	96.4	11	1198		464.22
6	1	96.4	11			415.9
7	2	96.3	11	1897		319.15
8	2	59	11	1711		115.66
9	2	68.4	11	1971		630.81
10	2	51.8	11	1717		278.32
11	2	83.5	11	1852		177.15
12	3	91.6	11	1996	1112	645.52
13	3	87.7	11	1485	1413	308.35
14	1	98.9	11			714.6
15	2	56.7	11	1099		620.4
16	2	57.5	11	1488		567.5

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 12						
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	3	88.4	10	1639	1126	623.906
2	1	74.1	10			675.69
3	1	87.9	10			733.12
4	3	82.8	10	1024	1637	369.38
5	2	96.8	10	1320		410.47
6	3	80.2	10	1811	1085	674.32
7	1	60.8	10			538.99
8	1	87.2	10			385.61
9	3	72.7	10	1645	1116	470.7
10	2	72.5	10	1313		487.34
11	1	73.8	10			94.73
12	1	54.3	10			782.05
13	2	72.1	10	1866		634.8
14	3	64.1	10	1231	1326	442
15	1	99.4	10			94.9

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 13						
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	87.6	10	1529		278.364
2	2	52.2	10	1385		185.606
3	3	78.6	10	1378	1731	505.657
4	2	60.3	10	1483		131.89
5	3	62.2	10	1721	1073	5.293
6	1	69.6	10			254.827
7	2	84	10	1359		34.46
8	2	70.6	10	1589		408.033
9	3	73.7	10	1256	1766	71.147
10	3	62.9	10	1866	1557	3.73
11	1	72.3	10			588.013
12	2	77.8	10	1151		253.087
13	2	87.1	10	1464		341.79
14	1	99.1	10			519.333
15	2	78.6	10	1609		565.627
16	3	53.4	10	1983	1169	364.9
17	2	92.2	10	1189		568.633
18	1	73.7	10			140.667

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 15						
Bursts in Trial: 13						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	74.3	9	1514		376.651
2	2	53.1	9	1521		897.053
3	1	68.5	9			534.076
4	3	80.3	9	1421	1096	250.209
5	2	98.1	9	1198		475.162
6	1	69.9	9			520.135
7	3	67.8	9	1164	1215	761.428
8	1	90.7	9			44.602
9	3	62.6	9	1462	1066	635.375
10	3	77.6	9	1205	1446	4.908
11	2	91.6	9	1996		275.071
12	1	92.4	9			61.954
13	2	91.3	9	1816		192.777

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 16						
Bursts in Trial: 17						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	97.2	9	1992		672.99
2	2	97.7	9	1823		619.908
3	1	95.8	9			660.275
4	3	82.2	9	1701	1698	359.213
5	3	56.9	9	1626	1458	331.011
6	2	58.4	9	1045		254.388
7	1	90.5	9			560.106
8	2	86.5	9	1332		45.394
9	2	64.6	9	1270		261.471
10	1	84.2	9			349.279
11	2	83.3	9	1550		146.086
12	2	71.5	9	1411		647.784
13	3	95.3	9	1121	1923	263.462
14	1	56.5	9			678.889
15	2	64.2	9	1650		552.247
16	2	70	9	1830		341.365
17	1	72.2	9			387.382

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 17						
Bursts in Trial: 17						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	89.6	19	1339	1843	189.81
2	3	95.8	19	1738	1818	455.648
3	3	55.6	19	1753	1410	589.725
4	2	89	19	1399		234.743
5	2	57.4	19	1266		600.621
6	2	69.6	19	1791		338.498
7	1	86.4	19			69.556
8	1	54.4	19			5.684
9	3	98.6	19	1567	1422	271.231
10	3	83.9	19	1627	1544	229.209
11	3	96.8	19	1938	1052	565.616
12	2	86.8	19	1269		290.584
13	2	55.2	19	1184		558.352
14	3	96.4	19	1738	1880	597.019
15	2	94.4	19	1834		380.247
16	2	99.1	19	1341		233.565
17	3	87.5	19	1106	1772	518.782

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 18						
Bursts in Trial: 14						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	63.5	13	1131		255.732
2	2	81.7	13	1921		797.617
3	1	86.9	13			145.214
4	2	100	13	1450		281.211
5	2	75.5	13	1976		501.969
6	1	74.2	13			788.836
7	2	55.8	13	1558		664.733
8	1	94.1	13			332.52
9	1	69.9	13			689.977
10	2	91.2	13	1025		91.714
11	2	85.5	13	1065		766.201
12	3	98.7	13	1218	1198	705.629
13	1	81.3	13			482.686
14	2	50.7	13	1538		452.743

TYPE 5 PARAMETER SHEET							Rohde & Schwarz Pulse Sequencer
Trial Number : 19							
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	61.3	10	1938		472.818	
2	1	97	10			440.983	
3	3	78.4	10	1591	1095	250.747	
4	3	62.1	10	1981	1309	59.69	
5	2	70.2	10	1851		303.153	
6	3	52.9	10	1771	1146	314.227	
7	2	57.5	10	1530		48.27	
8	2	98	10	1251		29.453	
9	2	53.4	10	1038		374.387	
10	2	94.4	10	1125		481.98	
11	3	69.1	10	1883	1012	341.423	
12	1	69	10			317.987	
13	2	63.6	10	1949		568.82	
14	2	60.3	10	1821		395.823	
15	2	87.7	10	1919		21.437	
16	1	92.8	10			376.6	
17	3	85.8	10	1231	1932	275.833	
18	2	58.3	10	1257		109.267	

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 20						
Bursts in Trial: 13						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	61.6	19	1070		156.051
2	1	53.2	19			874.343
3	1	52.5	19			365.006
4	2	54.2	19	1010		546.279
5	2	59.3	19	1980		543.442
6	2	73.8	19	1727		545.905
7	3	96.9	19	1996	1232	62.168
8	2	78.6	19	1117		344.492
9	2	67.5	19	1226		149.185
10	2	84.8	19	1132		358.538
11	2	62.4	19	1487		400.201
12	1	89.4	19			346.654
13	1	79.9	19			246.477

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 21						
Bursts in Trial: 18						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	73.6	16			319.034
2	2	80	16	1978		623.733
3	2	95.7	16	1830		288.017
4	2	71.8	16	1493		94.99
5	2	95.3	16	1035		271.833
6	3	68.3	16	1242	1736	399.157
7	2	63.7	16	1711		573.64
8	3	85.5	16	1379	1850	641.913
9	2	74.9	16	1097		646.977
10	3	67.8	16	1898	1053	5.42
11	1	50.2	16			538.883
12	3	66.2	16	1629	1246	172.767
13	3	51.2	16	1526	1747	257.31
14	2	53	16	1717		584.803
15	2	74.7	16	1017		45.777
16	2	67.3	16	1165		191.4
17	1	100	16			562.933
18	2	75.3	16	1943		508.667

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 23						
Bursts in Trial: 18						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	63.9	17	1981	1131	260.298
2	2	74.5	17	1355		178.235
3	2	71	17	1357		152.427
4	2	77.4	17	1082		233.02
5	2	89.4	17	1640		66.813
6	2	54.9	17	1817		228.337
7	1	92.1	17			7.58
8	1	78.7	17			131.783
9	2	77.2	17	1596		589.747
10	2	53.8	17	1985		2.12
11	3	88.2	17	1029	1156	54.053
12	3	50.5	17	1379	1107	544.527
13	2	82.8	17	1973		556.51
14	1	62.7	17			124.993
15	3	83.5	17	1825	1294	531.137
16	2	79.5	17	1572		629.6
17	2	83.3	17	1628		324.333
18	3	60.4	17	1414	1340	652.867

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 24						
Bursts in Trial: 19						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	1	85.9	6			31.604
2	3	84.1	6	1594	1931	413.911
3	3	65.1	6	2000	1355	473.732
4	2	54.4	6	1921		117.243
5	1	54.8	6			593.474
6	1	82.3	6			419.115
7	1	92.1	6			478.936
8	1	82.9	6			282.687
9	1	61.5	6			179.688
10	2	76.3	6	1003		586.289
11	2	58	6	1624		342.541
12	2	65.7	6	1070		505.092
13	2	86.5	6	1977		56.213
14	2	64.7	6	1341		150.834
15	1	64.3	6			484.785
16	3	64.5	6	1372	1875	83.416
17	2	98.8	6	1658		387.637
18	2	67.5	6	1880		71.358
19	2	68.5	6	1458		6.579

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 26						
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	65	15	1971		394.983
2	3	84.8	15	1666	1134	438.043
3	1	81.7	15			297.007
4	2	79.7	15	1696		132.53
5	2	99.4	15	1626		20.463
6	2	94.3	15	1633		609.867
7	2	79	15	1958		42.24
8	3	78.9	15	1455	1413	584.653
9	3	80.1	15	1625	1776	270.007
10	3	83	15	1020	1669	282.31
11	1	71	15			339.333
12	1	51.5	15			578.087
13	3	64.8	15	1369	1239	149.07
14	1	76.8	15			600.183
15	2	60.1	15	1374		216.837
16	1	86.3	15			431
17	2	71.5	15	1132		444.633
18	3	59.2	15	1231	1177	267.867

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 27						
Bursts in Trial: 15						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	3	79.8	15	1594	1743	483.875
2	2	55.4	15	1154		30.871
3	2	90	15	1581		382.59
4	1	90.2	15			394.04
5	1	51.5	15			489.06
6	2	94.5	15	1240		764.28
7	1	99.4	15			590.33
8	1	55.8	15			760.54
9	3	50.3	15	1550	1839	252.88
10	3	68.4	15	1205	1715	243.37
11	2	56.6	15	1774		499.48
12	2	84.1	15	1980		772.07
13	2	76.3	15	1786		260.45
14	1	64.8	15			476.7
15	3	53.5	15	1984	1904	604.8

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 28						
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	3	88.8	19	1762	1874	132.121
2	1	56.7	19			493.73
3	2	92.8	19	1536		116.47
4	2	92.6	19	1329		313.79
5	2	93.4	19	1463		433.08
6	2	60.5	19	1017		475.26
7	2	75.8	19	1057		258.05
8	3	91.5	19	1147	1613	279.76
9	2	50.1	19	1400		526.05
10	2	86.3	19	1772		662.69
11	2	63.6	19	1634		170.81
12	1	64.8	19			259.24
13	2	98.2	19	1755		457.9
14	2	99.1	19	1663		218.5
15	2	55.1	19	1422		547.3

TYPE 5 PARAMETER SHEET						Rohde & Schwarz Pulse Sequencer
Trial Number : 29						
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	54.3	13	1642	1431	6.88
2	3	88.5	13	1584	1011	102.18
3	2	60.5	13	1383		159.012
4	3	56.5	13	1399	1725	496.423
5	1	69.5	13			332.314
6	2	92.4	13	1338		601.405
7	2	93.2	13	1539		503.456
8	3	72.4	13	1629	1274	41.057
9	1	90.8	13			41.398
10	2	98.4	13	1980		253.229
11	3	61.5	13	1707	1432	335.271
12	2	55	13	1264		479.252
13	3	60.5	13	1126	1703	86.143
14	2	76.4	13	1767		176.684
15	3	68.9	13	1704	1745	266.785
16	2	62.3	13	1973		345.296
17	2	76.8	13	1129		59.037
18	2	92.8	13	1909		566.058
19	1	56.3	13			238.379

TYPE 5 PARAMETER SHEET						
						Rohde & Schwarz Pulse Sequencer
Trial Number : 30						
Bursts in Trial: 10						
Burst	Number of Pulses	Pulse Width (µsec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (µsec)	Pulse 2-to-3 PRI (µsec)	Start Location Within Interval (msec)
1	2	91.6	10	1247		988.711
2	2	91.1	10	1075		931.16
3	2	63	10	1717		366.31
4	3	66.9	10	1274	1628	514.39
5	2	86.4	10	1454		859.34
6	1	80.8	10			197.24
7	3	66.3	10	1540	1716	4.39
8	1	65.9	10			745.98
9	2	94.1	10	1677		895.1
10	2	55	10	1863		191.3

A.4 Radar Type 6 Parameters for 20 MHz Bandwidth

5260MHZ-20MHZ BW-T6-TRIAL-1						5260MHZ-20MHZ BW-T6-TRIAL-2					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.507	35	5.389	69	5.424	1	5.429	35	5.49	69	5.716
2	5.559	36	5.315	70	5.667	2	5.286	36	5.552	70	5.397
3	5.522	37	5.398	71	5.634	3	5.628	37	5.349	71	5.679
4	5.353	38	5.423	72	5.697	4	5.329	38	5.423	72	5.683
5	5.457	39	5.344	73	5.512	5	5.439	39	5.489	73	5.27
6	5.694	40	5.303	74	5.662	6	5.606	40	5.538	74	5.685
7	5.379	41	5.281	75	5.413	7	5.667	41	5.655	75	5.65
8	5.322	42	5.287	76	5.614	8	5.494	42	5.688	76	5.722
9	5.391	43	5.53	77	5.714	9	5.416	43	5.565	77	5.285
10	5.318	44	5.482	78	5.623	10	5.629	44	5.488	78	5.456
11	5.645	45	5.712	79	5.528	11	5.487	45	5.392	79	5.418
12	5.259	46	5.585	80	5.399	12	5.472	46	5.465	80	5.694
13	5.435	47	5.713	81	5.385	13	5.684	47	5.547	81	5.312
14	5.669	48	5.312	82	5.443	14	5.516	48	5.712	82	5.377
15	5.551	49	5.533	83	5.476	15	5.652	49	5.364	83	5.325
16	5.44	50	5.56	84	5.564	16	5.28	50	5.723	84	5.463
17	5.332	51	5.253	85	5.516	17	5.454	51	5.71	85	5.327
18	5.686	52	5.554	86	5.338	18	5.348	52	5.642	86	5.255
19	5.684	53	5.358	87	5.32	19	5.383	53	5.507	87	5.634
20	5.264	54	5.489	88	5.408	20	5.359	54	5.468	88	5.588
21	5.436	55	5.472	89	5.606	21	5.389	55	5.459	89	5.545
22	5.607	56	5.341	90	5.541	22	5.605	56	5.564	90	5.428
23	5.495	57	5.31	91	5.4	23	5.707	57	5.45	91	5.372
24	5.339	58	5.369	92	5.563	24	5.63	58	5.277	92	5.7
25	5.581	59	5.622	93	5.354	25	5.438	59	5.587	93	5.44
26	5.521	60	5.626	94	5.445	26	5.532	60	5.355	94	5.613
27	5.688	61	5.422	95	5.704	27	5.278	61	5.549	95	5.497
28	5.722	62	5.529	96	5.252	28	5.276	62	5.384	96	5.612
29	5.613	63	5.496	97	5.72	29	5.706	63	5.371	97	5.287
30	5.717	64	5.433	98	5.302	30	5.253	64	5.399	98	5.283
31	5.255	65	5.473	99	5.403	31	5.256	65	5.672	99	5.315
32	5.478	66	5.611	100	5.317	32	5.638	66	5.265	100	5.599
33	5.479	67	5.418			33	5.498	67	5.575		
34	5.381	68	5.474			34	5.435	68	5.432		

5260MHZ-20MHZ BW-T6-TRIAL-3						5260MHZ-20MHZ BW-T6-TRIAL-4					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.373	35	5.3	69	5.389	1	5.691	35	5.404	69	5.572
2	5.348	36	5.496	70	5.682	2	5.718	36	5.34	70	5.286
3	5.345	37	5.301	71	5.368	3	5.558	37	5.68	71	5.387
4	5.298	38	5.504	72	5.387	4	5.512	38	5.315	72	5.622
5	5.626	39	5.582	73	5.515	5	5.566	39	5.337	73	5.408
6	5.58	40	5.429	74	5.424	6	5.539	40	5.668	74	5.495
7	5.552	41	5.479	75	5.386	7	5.263	41	5.676	75	5.615
8	5.276	42	5.591	76	5.698	8	5.699	42	5.521	76	5.485
9	5.303	43	5.594	77	5.255	9	5.385	43	5.458	77	5.368
10	5.444	44	5.34	78	5.619	10	5.432	44	5.713	78	5.271
11	5.547	45	5.586	79	5.666	11	5.395	45	5.703	79	5.336
12	5.42	46	5.283	80	5.624	12	5.414	46	5.496	80	5.602
13	5.608	47	5.722	81	5.497	13	5.655	47	5.323	81	5.613
14	5.326	48	5.457	82	5.257	14	5.453	48	5.389	82	5.579
15	5.685	49	5.362	83	5.268	15	5.393	49	5.551	83	5.569
16	5.284	50	5.33	84	5.543	16	5.421	50	5.318	84	5.548
17	5.615	51	5.567	85	5.638	17	5.584	51	5.564	85	5.492
18	5.544	52	5.635	86	5.477	18	5.288	52	5.3	86	5.412
19	5.412	53	5.277	87	5.402	19	5.26	53	5.626	87	5.561
20	5.307	54	5.446	88	5.679	20	5.666	54	5.518	88	5.472
21	5.491	55	5.397	89	5.332	21	5.661	55	5.624	89	5.708
22	5.529	56	5.296	90	5.644	22	5.698	56	5.466	90	5.268
23	5.527	57	5.26	91	5.304	23	5.461	57	5.251	91	5.334
24	5.509	58	5.321	92	5.54	24	5.556	58	5.498	92	5.716
25	5.5	59	5.423	93	5.46	25	5.448	59	5.724	93	5.609
26	5.374	60	5.371	94	5.574	26	5.329	60	5.664	94	5.611
27	5.617	61	5.674	95	5.292	27	5.578	61	5.272	95	5.652
28	5.539	62	5.347	96	5.651	28	5.277	62	5.508	96	5.697
29	5.464	63	5.584	97	5.407	29	5.499	63	5.374	97	5.534
30	5.667	64	5.7	98	5.398	30	5.465	64	5.253	98	5.603
31	5.435	65	5.62	99	5.335	31	5.303	65	5.526	99	5.417
32	5.474	66	5.677	100	5.625	32	5.506	66	5.677	100	5.649
33	5.317	67	5.709			33	5.617	67	5.252		
34	5.723	68	5.649			34	5.523	68	5.667		

5260MHZ-20MHZ BW-T6-TRIAL-5						5260MHZ-20MHZ BW-T6-TRIAL-6					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.438	35	5.272	69	5.279	1	5.603	35	5.469	69	5.37
2	5.518	36	5.65	70	5.683	2	5.413	36	5.372	70	5.301
3	5.601	37	5.614	71	5.548	3	5.67	37	5.559	71	5.662
4	5.466	38	5.362	72	5.643	4	5.421	38	5.561	72	5.319
5	5.436	39	5.482	73	5.706	5	5.718	39	5.332	73	5.29
6	5.528	40	5.271	74	5.253	6	5.328	40	5.531	74	5.305
7	5.393	41	5.676	75	5.467	7	5.623	41	5.294	75	5.254
8	5.718	42	5.416	76	5.327	8	5.39	42	5.68	76	5.443
9	5.368	43	5.319	77	5.585	9	5.259	43	5.252	77	5.713
10	5.525	44	5.551	78	5.365	10	5.41	44	5.256	78	5.449
11	5.667	45	5.289	79	5.56	11	5.32	45	5.562	79	5.626
12	5.554	46	5.355	80	5.712	12	5.427	46	5.593	80	5.369
13	5.255	47	5.303	81	5.49	13	5.582	47	5.412	81	5.498
14	5.265	48	5.509	82	5.285	14	5.714	48	5.673	82	5.719
15	5.709	49	5.43	83	5.66	15	5.546	49	5.456	83	5.375
16	5.294	50	5.425	84	5.382	16	5.652	50	5.47	84	5.591
17	5.595	51	5.424	85	5.422	17	5.486	51	5.415	85	5.408
18	5.25	52	5.254	86	5.654	18	5.533	52	5.625	86	5.638
19	5.36	53	5.408	87	5.481	19	5.492	53	5.508	87	5.569
20	5.523	54	5.316	88	5.669	20	5.438	54	5.354	88	5.529
21	5.266	55	5.291	89	5.688	21	5.686	55	5.275	89	5.286
22	5.534	56	5.637	90	5.722	22	5.31	56	5.692	90	5.433
23	5.594	57	5.391	91	5.433	23	5.423	57	5.708	91	5.571
24	5.474	58	5.529	92	5.615	24	5.558	58	5.3	92	5.523
25	5.361	59	5.287	93	5.69	25	5.336	59	5.345	93	5.315
26	5.498	60	5.39	94	5.305	26	5.66	60	5.27	94	5.689
27	5.644	61	5.535	95	5.396	27	5.289	61	5.488	95	5.678
28	5.542	62	5.721	96	5.293	28	5.334	62	5.271	96	5.554
29	5.347	63	5.257	97	5.54	29	5.639	63	5.454	97	5.497
30	5.693	64	5.419	98	5.445	30	5.595	64	5.648	98	5.548
31	5.258	65	5.543	99	5.304	31	5.306	65	5.349	99	5.434
32	5.398	66	5.328	100	5.426	32	5.309	66	5.48	100	5.458
33	5.513	67	5.52			33	5.597	67	5.528		
34	5.521	68	5.468			34	5.617	68	5.378		

5260MHZ-20MHZ BW-T6-TRIAL-7						5260MHZ-20MHZ BW-T6-TRIAL-8					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.604	35	5.343	69	5.291	1	5.255	35	5.679	69	5.651
2	5.492	36	5.431	70	5.551	2	5.55	36	5.455	70	5.426
3	5.722	37	5.36	71	5.531	3	5.434	37	5.352	71	5.342
4	5.462	38	5.583	72	5.677	4	5.347	38	5.649	72	5.494
5	5.362	39	5.353	73	5.665	5	5.33	39	5.529	73	5.289
6	5.404	40	5.41	74	5.254	6	5.536	40	5.699	74	5.273
7	5.581	41	5.58	75	5.691	7	5.505	41	5.645	75	5.488
8	5.257	42	5.352	76	5.48	8	5.511	42	5.596	76	5.65
9	5.478	43	5.645	77	5.301	9	5.433	43	5.464	77	5.687
10	5.701	44	5.358	78	5.448	10	5.401	44	5.66	78	5.257
11	5.652	45	5.684	79	5.711	11	5.545	45	5.254	79	5.646
12	5.602	46	5.527	80	5.382	12	5.695	46	5.4	80	5.27
13	5.467	47	5.379	81	5.522	13	5.415	47	5.721	81	5.425
14	5.552	48	5.558	82	5.496	14	5.309	48	5.676	82	5.717
15	5.267	49	5.572	83	5.441	15	5.378	49	5.719	83	5.52
16	5.273	50	5.447	84	5.705	16	5.376	50	5.542	84	5.331
17	5.299	51	5.709	85	5.519	17	5.271	51	5.277	85	5.313
18	5.556	52	5.67	86	5.494	18	5.372	52	5.459	86	5.612
19	5.672	53	5.397	87	5.561	19	5.452	53	5.637	87	5.578
20	5.321	54	5.309	88	5.541	20	5.323	54	5.677	88	5.62
21	5.387	55	5.385	89	5.263	21	5.607	55	5.297	89	5.307
22	5.367	56	5.624	90	5.504	22	5.59	56	5.623	90	5.279
23	5.33	57	5.351	91	5.646	23	5.322	57	5.49	91	5.381
24	5.392	58	5.305	92	5.288	24	5.321	58	5.626	92	5.641
25	5.324	59	5.582	93	5.568	25	5.483	59	5.441	93	5.366
26	5.596	60	5.635	94	5.698	26	5.469	60	5.587	94	5.275
27	5.406	61	5.289	95	5.44	27	5.685	61	5.476	95	5.302
28	5.373	62	5.612	96	5.438	28	5.515	62	5.506	96	5.618
29	5.258	63	5.411	97	5.407	29	5.565	63	5.371	97	5.332
30	5.34	64	5.606	98	5.311	30	5.692	64	5.485	98	5.272
31	5.339	65	5.47	99	5.676	31	5.266	65	5.654	99	5.467
32	5.38	66	5.405	100	5.675	32	5.548	66	5.702	100	5.698
33	5.408	67	5.277			33	5.404	67	5.703		
34	5.268	68	5.334			34	5.368	68	5.281		

5260MHZ-20MHZ BW-T6-TRIAL-9						5260MHZ-20MHZ BW-T6-TRIAL-10					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.476	35	5.396	69	5.339	1	5.494	35	5.263	69	5.722
2	5.329	36	5.633	70	5.357	2	5.491	36	5.571	70	5.508
3	5.467	37	5.434	71	5.724	3	5.296	37	5.631	71	5.343
4	5.638	38	5.571	72	5.605	4	5.265	38	5.612	72	5.402
5	5.694	39	5.678	73	5.301	5	5.587	39	5.318	73	5.366
6	5.435	40	5.35	74	5.351	6	5.572	40	5.483	74	5.292
7	5.558	41	5.266	75	5.306	7	5.665	41	5.456	75	5.684
8	5.544	42	5.621	76	5.323	8	5.711	42	5.477	76	5.58
9	5.309	43	5.485	77	5.28	9	5.705	43	5.524	77	5.438
10	5.554	44	5.262	78	5.672	10	5.277	44	5.484	78	5.355
11	5.353	45	5.557	79	5.463	11	5.382	45	5.593	79	5.38
12	5.289	46	5.589	80	5.649	12	5.599	46	5.7	80	5.298
13	5.604	47	5.542	81	5.311	13	5.401	47	5.32	81	5.713
14	5.661	48	5.413	82	5.519	14	5.697	48	5.691	82	5.269
15	5.473	49	5.71	83	5.317	15	5.557	49	5.273	83	5.294
16	5.565	50	5.412	84	5.448	16	5.525	50	5.414	84	5.328
17	5.348	51	5.272	85	5.551	17	5.323	51	5.395	85	5.52
18	5.526	52	5.407	86	5.474	18	5.707	52	5.68	86	5.371
19	5.261	53	5.562	87	5.468	19	5.512	53	5.469	87	5.446
20	5.631	54	5.282	88	5.55	20	5.644	54	5.316	88	5.673
21	5.424	55	5.374	89	5.62	21	5.367	55	5.604	89	5.637
22	5.363	56	5.72	90	5.469	22	5.658	56	5.447	90	5.321
23	5.438	57	5.297	91	5.537	23	5.566	57	5.72	91	5.307
24	5.47	58	5.615	92	5.271	24	5.598	58	5.544	92	5.556
25	5.643	59	5.546	93	5.335	25	5.335	59	5.602	93	5.574
26	5.703	60	5.342	94	5.337	26	5.312	60	5.471	94	5.625
27	5.538	61	5.393	95	5.417	27	5.687	61	5.701	95	5.373
28	5.618	62	5.403	96	5.495	28	5.326	62	5.499	96	5.392
29	5.583	63	5.667	97	5.688	29	5.666	63	5.299	97	5.31
30	5.312	64	5.387	98	5.466	30	5.63	64	5.268	98	5.27
31	5.584	65	5.632	99	5.696	31	5.723	65	5.364	99	5.597
32	5.603	66	5.487	100	5.564	32	5.434	66	5.628	100	5.285
33	5.319	67	5.48			33	5.332	67	5.356		
34	5.498	68	5.358			34	5.559	68	5.563		

5260MHZ-20MHZ BW-T6-TRIAL-11						5260MHZ-20MHZ BW-T6-TRIAL-12					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.643	35	5.329	69	5.329	1	5.329	35	5.537	69	5.288
2	5.318	36	5.435	70	5.435	2	5.354	36	5.576	70	5.71
3	5.395	37	5.468	71	5.468	3	5.447	37	5.469	71	5.286
4	5.471	38	5.426	72	5.426	4	5.642	38	5.719	72	5.722
5	5.664	39	5.337	73	5.337	5	5.559	39	5.617	73	5.36
6	5.324	40	5.596	74	5.596	6	5.654	40	5.446	74	5.503
7	5.41	41	5.322	75	5.322	7	5.681	41	5.507	75	5.504
8	5.69	42	5.317	76	5.317	8	5.512	42	5.666	76	5.569
9	5.708	43	5.668	77	5.668	9	5.651	43	5.48	77	5.525
10	5.68	44	5.434	78	5.434	10	5.588	44	5.632	78	5.692
11	5.506	45	5.595	79	5.595	11	5.298	45	5.614	79	5.714
12	5.499	46	5.328	80	5.328	12	5.46	46	5.528	80	5.578
13	5.667	47	5.71	81	5.71	13	5.563	47	5.338	81	5.55
14	5.546	48	5.492	82	5.492	14	5.466	48	5.422	82	5.372
15	5.301	49	5.291	83	5.291	15	5.689	49	5.629	83	5.25
16	5.656	50	5.488	84	5.488	16	5.379	50	5.596	84	5.383
17	5.677	51	5.26	85	5.26	17	5.28	51	5.667	85	5.476
18	5.365	52	5.704	86	5.704	18	5.687	52	5.255	86	5.589
19	5.441	53	5.287	87	5.287	19	5.561	53	5.648	87	5.382
20	5.412	54	5.443	88	5.443	20	5.43	54	5.253	88	5.311
21	5.419	55	5.292	89	5.292	21	5.467	55	5.278	89	5.7
22	5.574	56	5.537	90	5.537	22	5.534	56	5.496	90	5.554
23	5.424	57	5.493	91	5.493	23	5.723	57	5.656	91	5.672
24	5.448	58	5.327	92	5.327	24	5.703	58	5.369	92	5.695
25	5.592	59	5.345	93	5.345	25	5.388	59	5.35	93	5.638
26	5.319	60	5.258	94	5.258	26	5.505	60	5.616	94	5.645
27	5.692	61	5.414	95	5.414	27	5.432	61	5.688	95	5.302
28	5.599	62	5.451	96	5.451	28	5.377	62	5.568	96	5.676
29	5.452	63	5.554	97	5.554	29	5.624	63	5.355	97	5.315
30	5.559	64	5.366	98	5.366	30	5.47	64	5.424	98	5.276
31	5.623	65	5.528	99	5.528	31	5.295	65	5.5	99	5.319
32	5.458	66	5.364	100	5.364	32	5.442	66	5.557	100	5.543
33	5.276	67	5.508			33	5.697	67	5.547		
34	5.551	68	5.636			34	5.501	68	5.631		

5260MHZ-20MHZ BW-T6-TRIAL-13						5260MHZ-20MHZ BW-T6-TRIAL-14					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.514	35	5.569	69	5.46	1	5.719	35	5.4	69	5.418
2	5.39	36	5.707	70	5.62	2	5.417	36	5.63	70	5.72
3	5.567	37	5.307	71	5.549	3	5.517	37	5.581	71	5.409
4	5.378	38	5.488	72	5.477	4	5.445	38	5.274	72	5.678
5	5.625	39	5.601	73	5.325	5	5.263	39	5.586	73	5.492
6	5.547	40	5.283	74	5.292	6	5.652	40	5.439	74	5.628
7	5.652	41	5.321	75	5.412	7	5.587	41	5.498	75	5.536
8	5.641	42	5.706	76	5.334	8	5.447	42	5.533	76	5.391
9	5.661	43	5.263	77	5.711	9	5.585	43	5.442	77	5.643
10	5.442	44	5.571	78	5.65	10	5.614	44	5.502	78	5.474
11	5.663	45	5.282	79	5.513	11	5.583	45	5.499	79	5.604
12	5.288	46	5.451	80	5.358	12	5.281	46	5.482	80	5.646
13	5.448	47	5.348	81	5.431	13	5.601	47	5.52	81	5.348
14	5.423	48	5.256	82	5.638	14	5.651	48	5.607	82	5.656
15	5.433	49	5.656	83	5.253	15	5.385	49	5.491	83	5.531
16	5.501	50	5.331	84	5.447	16	5.339	50	5.676	84	5.703
17	5.627	51	5.478	85	5.709	17	5.571	51	5.48	85	5.68
18	5.459	52	5.684	86	5.633	18	5.547	52	5.44	86	5.428
19	5.364	53	5.439	87	5.403	19	5.425	53	5.451	87	5.565
20	5.575	54	5.674	88	5.695	20	5.532	54	5.567	88	5.396
21	5.432	55	5.417	89	5.67	21	5.634	55	5.682	89	5.438
22	5.332	56	5.538	90	5.628	22	5.271	56	5.351	90	5.31
23	5.443	57	5.298	91	5.497	23	5.311	57	5.506	91	5.541
24	5.642	58	5.493	92	5.313	24	5.365	58	5.518	92	5.641
25	5.489	59	5.413	93	5.368	25	5.645	59	5.704	93	5.306
26	5.301	60	5.394	94	5.635	26	5.717	60	5.689	94	5.58
27	5.264	61	5.273	95	5.305	27	5.466	61	5.262	95	5.501
28	5.267	62	5.303	96	5.328	28	5.429	62	5.65	96	5.592
29	5.418	63	5.515	97	5.564	29	5.413	63	5.374	97	5.722
30	5.449	64	5.26	98	5.577	30	5.362	64	5.257	98	5.287
31	5.357	65	5.604	99	5.668	31	5.525	65	5.558	99	5.294
32	5.626	66	5.657	100	5.679	32	5.284	66	5.45	100	5.556
33	5.524	67	5.29			33	5.297	67	5.559		
34	5.5	68	5.6			34	5.25	68	5.707		

5260MHZ-20MHZ BW-T6-TRIAL-15						5260MHZ-20MHZ BW-T6-TRIAL-16					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.351	35	5.471	69	5.415	1	5.378	35	5.386	69	5.36
2	5.537	36	5.337	70	5.678	2	5.638	36	5.722	70	5.575
3	5.463	37	5.481	71	5.43	3	5.302	37	5.48	71	5.59
4	5.482	38	5.586	72	5.541	4	5.428	38	5.319	72	5.574
5	5.724	39	5.61	73	5.497	5	5.286	39	5.323	73	5.556
6	5.458	40	5.441	74	5.626	6	5.654	40	5.54	74	5.456
7	5.477	41	5.643	75	5.294	7	5.503	41	5.653	75	5.491
8	5.288	42	5.611	76	5.589	8	5.471	42	5.695	76	5.663
9	5.422	43	5.622	77	5.59	9	5.624	43	5.485	77	5.473
10	5.547	44	5.251	78	5.427	10	5.55	44	5.586	78	5.321
11	5.723	45	5.565	79	5.609	11	5.526	45	5.568	79	5.374
12	5.39	46	5.571	80	5.516	12	5.668	46	5.344	80	5.612
13	5.397	47	5.343	81	5.29	13	5.521	47	5.356	81	5.34
14	5.301	48	5.438	82	5.709	14	5.351	48	5.369	82	5.65
15	5.258	49	5.488	83	5.7	15	5.455	49	5.382	83	5.288
16	5.305	50	5.618	84	5.406	16	5.581	50	5.627	84	5.582
17	5.312	51	5.642	85	5.327	17	5.37	51	5.353	85	5.335
18	5.25	52	5.681	86	5.647	18	5.333	52	5.475	86	5.683
19	5.645	53	5.495	87	5.492	19	5.327	53	5.362	87	5.449
20	5.452	54	5.614	88	5.679	20	5.572	54	5.518	88	5.439
21	5.646	55	5.279	89	5.695	21	5.274	55	5.334	89	5.398
22	5.628	56	5.597	90	5.692	22	5.606	56	5.618	90	5.522
23	5.433	57	5.364	91	5.651	23	5.457	57	5.417	91	5.541
24	5.404	58	5.302	92	5.66	24	5.429	58	5.264	92	5.489
25	5.559	59	5.582	93	5.341	25	5.686	59	5.358	93	5.534
26	5.316	60	5.299	94	5.372	26	5.645	60	5.447	94	5.666
27	5.536	61	5.717	95	5.291	27	5.314	61	5.659	95	5.604
28	5.616	62	5.485	96	5.555	28	5.425	62	5.621	96	5.542
29	5.303	63	5.716	97	5.508	29	5.564	63	5.577	97	5.665
30	5.414	64	5.293	98	5.33	30	5.363	64	5.536	98	5.681
31	5.561	65	5.712	99	5.326	31	5.628	65	5.361	99	5.667
32	5.578	66	5.26	100	5.574	32	5.644	66	5.253	100	5.46
33	5.464	67	5.613			33	5.532	67	5.646		
34	5.392	68	5.526			34	5.713	68	5.459		

5260MHZ-20MHZ BW-T6-TRIAL-17						5260MHZ-20MHZ BW-T6-TRIAL-18					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.58	35	5.325	69	5.341	1	5.582	35	5.28	69	5.71
2	5.296	36	5.654	70	5.507	2	5.716	36	5.548	70	5.319
3	5.505	37	5.273	71	5.416	3	5.353	37	5.658	71	5.656
4	5.419	38	5.701	72	5.633	4	5.262	38	5.507	72	5.555
5	5.373	39	5.634	73	5.719	5	5.666	39	5.704	73	5.554
6	5.577	40	5.571	74	5.707	6	5.354	40	5.611	74	5.608
7	5.519	41	5.436	75	5.565	7	5.525	41	5.457	75	5.3
8	5.386	42	5.685	76	5.651	8	5.693	42	5.645	76	5.284
9	5.641	43	5.33	77	5.648	9	5.323	43	5.404	77	5.7
10	5.307	44	5.351	78	5.542	10	5.452	44	5.365	78	5.294
11	5.551	45	5.647	79	5.589	11	5.382	45	5.277	79	5.438
12	5.378	46	5.27	80	5.398	12	5.597	46	5.472	80	5.538
13	5.615	47	5.552	81	5.644	13	5.383	47	5.255	81	5.459
14	5.595	48	5.637	82	5.617	14	5.534	48	5.468	82	5.448
15	5.602	49	5.278	83	5.697	15	5.56	49	5.617	83	5.574
16	5.535	50	5.554	84	5.364	16	5.701	50	5.272	84	5.607
17	5.473	51	5.534	85	5.458	17	5.512	51	5.35	85	5.708
18	5.666	52	5.723	86	5.491	18	5.368	52	5.469	86	5.511
19	5.596	53	5.717	87	5.415	19	5.635	53	5.387	87	5.544
20	5.251	54	5.424	88	5.451	20	5.254	54	5.431	88	5.271
21	5.582	55	5.716	89	5.48	21	5.429	55	5.437	89	5.352
22	5.37	56	5.362	90	5.366	22	5.416	56	5.433	90	5.618
23	5.511	57	5.3	91	5.609	23	5.603	57	5.285	91	5.681
24	5.414	58	5.455	92	5.434	24	5.506	58	5.336	92	5.373
25	5.369	59	5.572	93	5.384	25	5.306	59	5.539	93	5.407
26	5.393	60	5.268	94	5.409	26	5.683	60	5.505	94	5.376
27	5.429	61	5.531	95	5.545	27	5.474	61	5.442	95	5.394
28	5.396	62	5.394	96	5.379	28	5.399	62	5.558	96	5.622
29	5.489	63	5.389	97	5.486	29	5.281	63	5.367	97	5.508
30	5.304	64	5.556	98	5.61	30	5.464	64	5.403	98	5.685
31	5.358	65	5.694	99	5.259	31	5.467	65	5.609	99	5.504
32	5.674	66	5.314	100	5.618	32	5.462	66	5.463	100	5.562
33	5.544	67	5.689			33	5.546	67	5.288		
34	5.496	68	5.631			34	5.496	68	5.283		

5260MHZ-20MHZ BW-T6-TRIAL-19						5260MHZ-20MHZ BW-T6-TRIAL-20					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.301	35	5.267	69	5.653	1	5.258	35	5.595	69	5.496
2	5.495	36	5.466	70	5.663	2	5.416	36	5.511	70	5.453
3	5.546	37	5.368	71	5.545	3	5.51	37	5.54	71	5.661
4	5.372	38	5.333	72	5.374	4	5.403	38	5.373	72	5.459
5	5.561	39	5.305	73	5.723	5	5.649	39	5.639	73	5.659
6	5.319	40	5.591	74	5.498	6	5.507	40	5.316	74	5.515
7	5.605	41	5.687	75	5.482	7	5.366	41	5.31	75	5.627
8	5.429	42	5.519	76	5.275	8	5.638	42	5.648	76	5.293
9	5.512	43	5.685	77	5.714	9	5.388	43	5.439	77	5.508
10	5.426	44	5.332	78	5.432	10	5.422	44	5.513	78	5.666
11	5.716	45	5.647	79	5.657	11	5.712	45	5.586	79	5.255
12	5.706	46	5.554	80	5.563	12	5.279	46	5.597	80	5.667
13	5.422	47	5.345	81	5.472	13	5.534	47	5.372	81	5.423
14	5.251	48	5.538	82	5.552	14	5.592	48	5.719	82	5.492
15	5.7	49	5.437	83	5.405	15	5.52	49	5.701	83	5.657
16	5.403	50	5.597	84	5.694	16	5.394	50	5.371	84	5.346
17	5.703	51	5.652	85	5.462	17	5.384	51	5.434	85	5.26
18	5.534	52	5.612	86	5.361	18	5.336	52	5.664	86	5.49
19	5.314	53	5.329	87	5.365	19	5.545	53	5.437	87	5.471
20	5.679	54	5.526	88	5.402	20	5.581	54	5.466	88	5.704
21	5.382	55	5.351	89	5.515	21	5.497	55	5.399	89	5.69
22	5.666	56	5.344	90	5.373	22	5.607	56	5.39	90	5.342
23	5.46	57	5.629	91	5.283	23	5.338	57	5.327	91	5.536
24	5.404	58	5.481	92	5.609	24	5.41	58	5.66	92	5.268
25	5.607	59	5.254	93	5.448	25	5.606	59	5.487	93	5.509
26	5.522	60	5.418	94	5.379	26	5.356	60	5.559	94	5.475
27	5.4	61	5.564	95	5.377	27	5.698	61	5.38	95	5.605
28	5.717	62	5.307	96	5.286	28	5.541	62	5.683	96	5.526
29	5.578	63	5.391	97	5.354	29	5.44	63	5.263	97	5.477
30	5.722	64	5.456	98	5.328	30	5.323	64	5.529	98	5.311
31	5.453	65	5.617	99	5.553	31	5.711	65	5.376	99	5.573
32	5.63	66	5.509	100	5.513	32	5.575	66	5.265	100	5.687
33	5.661	67	5.401			33	5.617	67	5.405		
34	5.632	68	5.644			34	5.614	68	5.681		

5260MHZ-20MHZ BW-T6-TRIAL-21						5260MHZ-20MHZ BW-T6-TRIAL-22					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.454	35	5.717	69	5.483	1	5.667	35	5.69	69	5.369
2	5.586	36	5.547	70	5.552	2	5.574	36	5.285	70	5.31
3	5.302	37	5.476	71	5.406	3	5.316	37	5.446	71	5.616
4	5.613	38	5.38	72	5.362	4	5.323	38	5.624	72	5.468
5	5.69	39	5.462	73	5.329	5	5.542	39	5.304	73	5.585
6	5.658	40	5.368	74	5.564	6	5.6	40	5.421	74	5.412
7	5.518	41	5.385	75	5.29	7	5.507	41	5.62	75	5.418
8	5.266	42	5.67	76	5.479	8	5.607	42	5.256	76	5.396
9	5.596	43	5.515	77	5.381	9	5.474	43	5.27	77	5.703
10	5.537	44	5.558	78	5.559	10	5.613	44	5.682	78	5.287
11	5.542	45	5.63	79	5.287	11	5.486	45	5.52	79	5.592
12	5.291	46	5.465	80	5.604	12	5.266	46	5.305	80	5.431
13	5.475	47	5.337	81	5.413	13	5.34	47	5.547	81	5.648
14	5.714	48	5.404	82	5.437	14	5.571	48	5.633	82	5.456
15	5.386	49	5.637	83	5.372	15	5.591	49	5.395	83	5.445
16	5.578	50	5.392	84	5.364	16	5.3	50	5.722	84	5.415
17	5.561	51	5.535	85	5.601	17	5.493	51	5.557	85	5.26
18	5.487	52	5.318	86	5.605	18	5.331	52	5.575	86	5.404
19	5.672	53	5.452	87	5.631	19	5.639	53	5.457	87	5.548
20	5.603	54	5.644	88	5.311	20	5.691	54	5.252	88	5.61
21	5.261	55	5.569	89	5.715	21	5.545	55	5.497	89	5.644
22	5.531	56	5.373	90	5.592	22	5.405	56	5.625	90	5.251
23	5.443	57	5.548	91	5.367	23	5.371	57	5.309	91	5.429
24	5.346	58	5.461	92	5.307	24	5.565	58	5.596	92	5.488
25	5.582	59	5.574	93	5.253	25	5.598	59	5.372	93	5.483
26	5.359	60	5.669	94	5.523	26	5.556	60	5.397	94	5.484
27	5.638	61	5.434	95	5.642	27	5.284	61	5.298	95	5.327
28	5.573	62	5.269	96	5.471	28	5.679	62	5.49	96	5.721
29	5.474	63	5.415	97	5.262	29	5.657	63	5.573	97	5.482
30	5.711	64	5.278	98	5.257	30	5.289	64	5.273	98	5.666
31	5.539	65	5.34	99	5.45	31	5.394	65	5.409	99	5.353
32	5.417	66	5.459	100	5.422	32	5.584	66	5.263	100	5.57
33	5.319	67	5.279			33	5.54	67	5.48		
34	5.648	68	5.546			34	5.301	68	5.554		

5260MHZ-20MHZ BW-T6-TRIAL-23						5260MHZ-20MHZ BW-T6-TRIAL-24					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.272	35	5.262	69	5.531	1	5.54	35	5.416	69	5.403
2	5.654	36	5.347	70	5.695	2	5.254	36	5.415	70	5.576
3	5.555	37	5.686	71	5.659	3	5.488	37	5.707	71	5.592
4	5.631	38	5.253	72	5.454	4	5.543	38	5.537	72	5.26
5	5.676	39	5.335	73	5.706	5	5.562	39	5.513	73	5.367
6	5.546	40	5.586	74	5.662	6	5.382	40	5.438	74	5.604
7	5.478	41	5.701	75	5.627	7	5.447	41	5.691	75	5.369
8	5.655	42	5.256	76	5.67	8	5.605	42	5.547	76	5.641
9	5.348	43	5.583	77	5.258	9	5.422	43	5.699	77	5.413
10	5.482	44	5.455	78	5.294	10	5.673	44	5.499	78	5.467
11	5.601	45	5.292	79	5.692	11	5.46	45	5.64	79	5.519
12	5.283	46	5.445	80	5.571	12	5.695	46	5.504	80	5.492
13	5.393	47	5.698	81	5.303	13	5.346	47	5.276	81	5.411
14	5.69	48	5.251	82	5.324	14	5.602	48	5.649	82	5.703
15	5.514	49	5.263	83	5.561	15	5.317	49	5.277	83	5.287
16	5.376	50	5.521	84	5.58	16	5.665	50	5.36	84	5.423
17	5.65	51	5.581	85	5.484	17	5.678	51	5.646	85	5.435
18	5.32	52	5.466	86	5.391	18	5.53	52	5.368	86	5.314
19	5.369	53	5.593	87	5.379	19	5.577	53	5.399	87	5.349
20	5.429	54	5.269	88	5.41	20	5.567	54	5.28	88	5.505
21	5.683	55	5.682	89	5.544	21	5.539	55	5.679	89	5.255
22	5.491	56	5.528	90	5.536	22	5.352	56	5.564	90	5.38
23	5.416	57	5.295	91	5.507	23	5.583	57	5.402	91	5.65
24	5.575	58	5.633	92	5.328	24	5.448	58	5.517	92	5.347
25	5.305	59	5.545	93	5.46	25	5.307	59	5.444	93	5.388
26	5.264	60	5.334	94	5.357	26	5.417	60	5.37	94	5.334
27	5.314	61	5.713	95	5.681	27	5.49	61	5.398	95	5.297
28	5.389	62	5.289	96	5.252	28	5.39	62	5.433	96	5.58
29	5.3	63	5.419	97	5.388	29	5.551	63	5.366	97	5.446
30	5.384	64	5.714	98	5.595	30	5.584	64	5.545	98	5.298
31	5.574	65	5.663	99	5.57	31	5.292	65	5.256	99	5.425
32	5.427	66	5.502	100	5.605	32	5.269	66	5.607	100	5.669
33	5.6	67	5.704			33	5.462	67	5.637		
34	5.367	68	5.329			34	5.497	68	5.581		

5260MHZ-20MHZ BW-T6-TRIAL-25						5260MHZ-20MHZ BW-T6-TRIAL-26					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.655	35	5.514	69	5.608	1	5.47	35	5.514	69	5.658
2	5.676	36	5.484	70	5.538	2	5.408	36	5.385	70	5.426
3	5.528	37	5.374	71	5.612	3	5.338	37	5.673	71	5.537
4	5.503	38	5.713	72	5.311	4	5.502	38	5.44	72	5.462
5	5.591	39	5.442	73	5.659	5	5.305	39	5.584	73	5.415
6	5.694	40	5.447	74	5.384	6	5.546	40	5.293	74	5.55
7	5.672	41	5.632	75	5.491	7	5.465	41	5.41	75	5.477
8	5.298	42	5.429	76	5.593	8	5.608	42	5.68	76	5.698
9	5.521	43	5.546	77	5.58	9	5.642	43	5.306	77	5.324
10	5.452	44	5.336	78	5.639	10	5.69	44	5.407	78	5.664
11	5.594	45	5.295	79	5.279	11	5.521	45	5.362	79	5.66
12	5.465	46	5.282	80	5.666	12	5.581	46	5.646	80	5.685
13	5.549	47	5.372	81	5.382	13	5.313	47	5.559	81	5.5
14	5.512	48	5.268	82	5.317	14	5.582	48	5.648	82	5.296
15	5.583	49	5.405	83	5.333	15	5.604	49	5.325	83	5.516
16	5.318	50	5.256	84	5.648	16	5.425	50	5.679	84	5.287
17	5.467	51	5.425	85	5.649	17	5.695	51	5.625	85	5.716
18	5.328	52	5.402	86	5.342	18	5.724	52	5.52	86	5.587
19	5.557	53	5.339	87	5.619	19	5.548	53	5.35	87	5.443
20	5.283	54	5.308	88	5.53	20	5.624	54	5.43	88	5.252
21	5.343	55	5.714	89	5.52	21	5.312	55	5.478	89	5.612
22	5.4	56	5.678	90	5.431	22	5.518	56	5.327	90	5.688
23	5.63	57	5.686	91	5.436	23	5.361	57	5.429	91	5.356
24	5.683	58	5.426	92	5.473	24	5.682	58	5.656	92	5.669
25	5.543	59	5.324	93	5.609	25	5.469	59	5.534	93	5.265
26	5.603	60	5.451	94	5.43	26	5.285	60	5.316	94	5.506
27	5.468	61	5.707	95	5.471	27	5.383	61	5.329	95	5.678
28	5.488	62	5.352	96	5.59	28	5.578	62	5.386	96	5.687
29	5.368	63	5.345	97	5.568	29	5.292	63	5.531	97	5.7
30	5.566	64	5.313	98	5.587	30	5.271	64	5.261	98	5.62
31	5.265	65	5.531	99	5.483	31	5.29	65	5.26	99	5.639
32	5.388	66	5.524	100	5.572	32	5.547	66	5.668	100	5.489
33	5.481	67	5.271			33	5.264	67	5.347		
34	5.359	68	5.445			34	5.398	68	5.257		

5260MHZ-20MHZ BW-T6-TRIAL-27						5260MHZ-20MHZ BW-T6-TRIAL-28					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.355	35	5.605	69	5.25	1	5.534	35	5.542	69	5.359
2	5.676	36	5.33	70	5.396	2	5.536	36	5.568	70	5.273
3	5.311	37	5.53	71	5.649	3	5.308	37	5.361	71	5.575
4	5.389	38	5.304	72	5.369	4	5.68	38	5.652	72	5.589
5	5.3	39	5.682	73	5.537	5	5.3	39	5.332	73	5.495
6	5.497	40	5.362	74	5.257	6	5.279	40	5.623	74	5.669
7	5.482	41	5.575	75	5.403	7	5.649	41	5.366	75	5.719
8	5.361	42	5.556	76	5.352	8	5.338	42	5.312	76	5.525
9	5.462	43	5.638	77	5.374	9	5.305	43	5.627	77	5.641
10	5.254	44	5.625	78	5.404	10	5.537	44	5.386	78	5.535
11	5.317	45	5.417	79	5.333	11	5.257	45	5.369	79	5.381
12	5.667	46	5.548	80	5.687	12	5.647	46	5.319	80	5.512
13	5.48	47	5.628	81	5.495	13	5.28	47	5.521	81	5.414
14	5.693	48	5.307	82	5.295	14	5.344	48	5.329	82	5.42
15	5.511	49	5.696	83	5.558	15	5.559	49	5.427	83	5.597
16	5.489	50	5.621	84	5.305	16	5.567	50	5.614	84	5.637
17	5.547	51	5.341	85	5.591	17	5.527	51	5.656	85	5.561
18	5.629	52	5.65	86	5.681	18	5.529	52	5.696	86	5.654
19	5.515	53	5.36	87	5.602	19	5.399	53	5.358	87	5.56
20	5.391	54	5.428	88	5.309	20	5.296	54	5.373	88	5.5
21	5.385	55	5.358	89	5.395	21	5.555	55	5.687	89	5.34
22	5.717	56	5.424	90	5.56	22	5.409	56	5.355	90	5.284
23	5.533	57	5.344	91	5.529	23	5.302	57	5.609	91	5.289
24	5.298	58	5.587	92	5.288	24	5.316	58	5.439	92	5.593
25	5.592	59	5.517	93	5.51	25	5.389	59	5.502	93	5.685
26	5.689	60	5.554	94	5.655	26	5.714	60	5.479	94	5.672
27	5.282	61	5.715	95	5.699	27	5.375	61	5.625	95	5.519
28	5.356	62	5.709	96	5.612	28	5.668	62	5.713	96	5.303
29	5.675	63	5.32	97	5.467	29	5.664	63	5.388	97	5.541
30	5.654	64	5.431	98	5.724	30	5.282	64	5.556	98	5.651
31	5.597	65	5.532	99	5.26	31	5.564	65	5.613	99	5.586
32	5.679	66	5.644	100	5.308	32	5.293	66	5.311	100	5.434
33	5.626	67	5.564			33	5.405	67	5.557		
34	5.706	68	5.579			34	5.454	68	5.665		

5260MHZ-20MHZ BW-T6-TRIAL-29						5260MHZ-20MHZ BW-T6-TRIAL-30					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.463	35	5.401	69	5.295	1	5.498	35	5.371	69	5.433
2	5.347	36	5.469	70	5.722	2	5.548	36	5.6	70	5.543
3	5.672	37	5.303	71	5.32	3	5.569	37	5.478	71	5.308
4	5.695	38	5.402	72	5.592	4	5.312	38	5.358	72	5.398
5	5.479	39	5.514	73	5.419	5	5.278	39	5.436	73	5.367
6	5.51	40	5.635	74	5.272	6	5.423	40	5.563	74	5.401
7	5.587	41	5.629	75	5.701	7	5.316	41	5.665	75	5.377
8	5.279	42	5.622	76	5.299	8	5.376	42	5.428	76	5.619
9	5.371	43	5.263	77	5.678	9	5.617	43	5.313	77	5.357
10	5.58	44	5.476	78	5.253	10	5.686	44	5.644	78	5.571
11	5.568	45	5.445	79	5.665	11	5.639	45	5.698	79	5.304
12	5.715	46	5.595	80	5.501	12	5.293	46	5.542	80	5.531
13	5.666	47	5.609	81	5.723	13	5.411	47	5.503	81	5.609
14	5.626	48	5.336	82	5.692	14	5.456	48	5.45	82	5.387
15	5.707	49	5.712	83	5.553	15	5.455	49	5.447	83	5.255
16	5.28	50	5.658	84	5.601	16	5.688	50	5.403	84	5.499
17	5.338	51	5.668	85	5.417	17	5.547	51	5.295	85	5.432
18	5.307	52	5.531	86	5.611	18	5.623	52	5.636	86	5.677
19	5.257	53	5.644	87	5.507	19	5.35	53	5.369	87	5.444
20	5.567	54	5.612	88	5.711	20	5.518	54	5.291	88	5.669
21	5.335	55	5.334	89	5.603	21	5.454	55	5.535	89	5.691
22	5.638	56	5.685	90	5.552	22	5.557	56	5.53	90	5.621
23	5.449	57	5.375	91	5.422	23	5.682	57	5.445	91	5.509
24	5.379	58	5.437	92	5.293	24	5.653	58	5.685	92	5.526
25	5.516	59	5.391	93	5.588	25	5.72	59	5.421	93	5.452
26	5.287	60	5.4	94	5.667	26	5.373	60	5.42	94	5.658
27	5.291	61	5.509	95	5.308	27	5.69	61	5.384	95	5.585
28	5.398	62	5.324	96	5.426	28	5.544	62	5.441	96	5.332
29	5.337	63	5.687	97	5.329	29	5.622	63	5.562	97	5.306
30	5.506	64	5.317	98	5.477	30	5.276	64	5.474	98	5.393
31	5.47	65	5.315	99	5.634	31	5.581	65	5.261	99	5.407
32	5.312	66	5.332	100	5.297	32	5.292	66	5.674	100	5.268
33	5.385	67	5.542			33	5.415	67	5.507		
34	5.721	68	5.421			34	5.425	68	5.491		

A.5 Radar Type 6 Parameters for 40 MHz Bandwidth

5270MHZ-40MHZ BW-T6-TRIAL-1						5270MHZ-40MHZ BW-T6-TRIAL-2					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.553	35	5.542	69	5.512	1	5.397	35	5.267	69	5.41
2	5.626	36	5.324	70	5.629	2	5.636	36	5.707	70	5.342
3	5.368	37	5.425	71	5.439	3	5.406	37	5.72	71	5.517
4	5.565	38	5.449	72	5.691	4	5.555	38	5.285	72	5.625
5	5.587	39	5.677	73	5.588	5	5.27	39	5.357	73	5.696
6	5.549	40	5.35	74	5.332	6	5.426	40	5.298	74	5.574
7	5.487	41	5.488	75	5.706	7	5.482	41	5.495	75	5.444
8	5.278	42	5.418	76	5.318	8	5.657	42	5.68	76	5.591
9	5.386	43	5.564	77	5.674	9	5.69	43	5.525	77	5.659
10	5.271	44	5.436	78	5.361	10	5.575	44	5.496	78	5.512
11	5.473	45	5.483	79	5.505	11	5.358	45	5.312	79	5.464
12	5.715	46	5.561	80	5.593	12	5.686	46	5.652	80	5.639
13	5.557	47	5.484	81	5.387	13	5.703	47	5.437	81	5.442
14	5.533	48	5.331	82	5.59	14	5.706	48	5.688	82	5.391
15	5.647	49	5.645	83	5.267	15	5.452	49	5.49	83	5.408
16	5.365	50	5.552	84	5.456	16	5.645	50	5.612	84	5.714
17	5.406	51	5.541	85	5.639	17	5.412	51	5.311	85	5.399
18	5.379	52	5.451	86	5.259	18	5.274	52	5.665	86	5.577
19	5.442	53	5.604	87	5.502	19	5.354	53	5.592	87	5.31
20	5.665	54	5.301	88	5.641	20	5.488	54	5.66	88	5.356
21	5.347	55	5.45	89	5.545	21	5.468	55	5.415	89	5.494
22	5.538	56	5.458	90	5.576	22	5.516	56	5.673	90	5.557
23	5.364	57	5.31	91	5.355	23	5.369	57	5.559	91	5.616
24	5.328	58	5.38	92	5.51	24	5.618	58	5.5	92	5.638
25	5.699	59	5.253	93	5.583	25	5.258	59	5.683	93	5.685
26	5.393	60	5.613	94	5.34	26	5.603	60	5.378	94	5.571
27	5.372	61	5.63	95	5.316	27	5.514	61	5.381	95	5.668
28	5.281	62	5.605	96	5.261	28	5.388	62	5.481	96	5.566
29	5.624	63	5.589	97	5.304	29	5.474	63	5.321	97	5.582
30	5.343	64	5.302	98	5.684	30	5.379	64	5.637	98	5.709
31	5.358	65	5.619	99	5.591	31	5.701	65	5.504	99	5.339
32	5.479	66	5.62	100	5.382	32	5.611	66	5.51	100	5.36
33	5.265	67	5.454			33	5.363	67	5.349		
34	5.349	68	5.578			34	5.508	68	5.255		

5270MHZ-40MHZ BW-T6-TRIAL-3						5270MHZ-40MHZ BW-T6-TRIAL-4					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.287	35	5.328	69	5.363	1	5.716	35	5.509	69	5.323
2	5.254	36	5.462	70	5.66	2	5.285	36	5.397	70	5.279
3	5.266	37	5.591	71	5.316	3	5.391	37	5.439	71	5.32
4	5.394	38	5.414	72	5.38	4	5.328	38	5.419	72	5.401
5	5.579	39	5.381	73	5.33	5	5.571	39	5.327	73	5.317
6	5.416	40	5.378	74	5.647	6	5.258	40	5.686	74	5.475
7	5.625	41	5.257	75	5.707	7	5.435	41	5.265	75	5.673
8	5.339	42	5.452	76	5.558	8	5.594	42	5.307	76	5.39
9	5.626	43	5.519	77	5.406	9	5.638	43	5.394	77	5.504
10	5.671	44	5.606	78	5.63	10	5.42	44	5.468	78	5.583
11	5.65	45	5.581	79	5.392	11	5.519	45	5.714	79	5.558
12	5.554	46	5.52	80	5.278	12	5.458	46	5.701	80	5.28
13	5.721	47	5.409	81	5.491	13	5.303	47	5.576	81	5.525
14	5.422	48	5.677	82	5.512	14	5.606	48	5.596	82	5.717
15	5.276	49	5.722	83	5.686	15	5.496	49	5.653	83	5.31
16	5.324	50	5.553	84	5.549	16	5.597	50	5.37	84	5.677
17	5.692	51	5.585	85	5.399	17	5.691	51	5.567	85	5.582
18	5.464	52	5.669	86	5.658	18	5.639	52	5.444	86	5.655
19	5.521	53	5.421	87	5.701	19	5.711	53	5.672	87	5.699
20	5.564	54	5.638	88	5.425	20	5.548	54	5.255	88	5.378
21	5.654	55	5.699	89	5.653	21	5.532	55	5.6	89	5.288
22	5.27	56	5.298	90	5.342	22	5.351	56	5.469	90	5.301
23	5.375	57	5.277	91	5.492	23	5.407	57	5.462	91	5.682
24	5.347	58	5.391	92	5.485	24	5.705	58	5.296	92	5.668
25	5.532	59	5.592	93	5.295	25	5.709	59	5.517	93	5.581
26	5.479	60	5.645	94	5.389	26	5.297	60	5.608	94	5.63
27	5.393	61	5.559	95	5.603	27	5.363	61	5.68	95	5.559
28	5.666	62	5.26	96	5.537	28	5.57	62	5.425	96	5.405
29	5.503	63	5.716	97	5.423	29	5.416	63	5.492	97	5.359
30	5.259	64	5.662	98	5.556	30	5.442	64	5.618	98	5.295
31	5.379	65	5.383	99	5.557	31	5.494	65	5.645	99	5.562
32	5.587	66	5.717	100	5.291	32	5.619	66	5.514	100	5.417
33	5.303	67	5.566			33	5.573	67	5.529		
34	5.609	68	5.443			34	5.712	68	5.561		

5270MHZ-40MHZ BW-T6-TRIAL-5						5270MHZ-40MHZ BW-T6-TRIAL-6					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.436	35	5.55	69	5.591	1	5.519	35	5.353	69	5.41
2	5.268	36	5.349	70	5.329	2	5.493	36	5.492	70	5.469
3	5.447	37	5.291	71	5.594	3	5.277	37	5.679	71	5.709
4	5.372	38	5.695	72	5.465	4	5.662	38	5.637	72	5.381
5	5.394	39	5.417	73	5.403	5	5.489	39	5.643	73	5.714
6	5.307	40	5.552	74	5.602	6	5.396	40	5.571	74	5.653
7	5.346	41	5.523	75	5.642	7	5.564	41	5.39	75	5.67
8	5.298	42	5.327	76	5.442	8	5.606	42	5.516	76	5.663
9	5.262	43	5.684	77	5.618	9	5.394	43	5.366	77	5.362
10	5.614	44	5.464	78	5.634	10	5.703	44	5.255	78	5.619
11	5.583	45	5.343	79	5.597	11	5.546	45	5.57	79	5.271
12	5.367	46	5.613	80	5.681	12	5.268	46	5.254	80	5.508
13	5.621	47	5.586	81	5.374	13	5.327	47	5.647	81	5.618
14	5.423	48	5.651	82	5.278	14	5.572	48	5.25	82	5.696
15	5.376	49	5.28	83	5.656	15	5.531	49	5.495	83	5.542
16	5.312	50	5.481	84	5.435	16	5.347	50	5.352	84	5.388
17	5.534	51	5.666	85	5.687	17	5.269	51	5.36	85	5.683
18	5.469	52	5.26	86	5.64	18	5.345	52	5.55	86	5.409
19	5.427	53	5.289	87	5.694	19	5.692	53	5.383	87	5.592
20	5.326	54	5.516	88	5.589	20	5.591	54	5.463	88	5.349
21	5.353	55	5.333	89	5.324	21	5.4	55	5.566	89	5.673
22	5.359	56	5.434	90	5.715	22	5.342	56	5.675	90	5.682
23	5.595	57	5.643	91	5.631	23	5.439	57	5.3	91	5.722
24	5.511	58	5.356	92	5.388	24	5.297	58	5.636	92	5.275
25	5.702	59	5.593	93	5.624	25	5.504	59	5.293	93	5.343
26	5.405	60	5.285	94	5.381	26	5.423	60	5.556	94	5.427
27	5.629	61	5.48	95	5.27	27	5.376	61	5.253	95	5.358
28	5.332	62	5.527	96	5.377	28	5.559	62	5.716	96	5.392
29	5.398	63	5.263	97	5.692	29	5.411	63	5.329	97	5.496
30	5.362	64	5.261	98	5.342	30	5.434	64	5.407	98	5.336
31	5.625	65	5.599	99	5.366	31	5.467	65	5.449	99	5.33
32	5.426	66	5.485	100	5.7	32	5.717	66	5.514	100	5.576
33	5.524	67	5.288			33	5.487	67	5.265		
34	5.345	68	5.328			34	5.548	68	5.612		

5270MHZ-40MHZ BW-T6-TRIAL-7						5270MHZ-40MHZ BW-T6-TRIAL-8					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.614	35	5.399	69	5.559	1	5.347	35	5.469	69	5.6
2	5.4	36	5.546	70	5.36	2	5.717	36	5.69	70	5.463
3	5.387	37	5.282	71	5.645	3	5.598	37	5.543	71	5.26
4	5.302	38	5.527	72	5.721	4	5.263	38	5.539	72	5.701
5	5.682	39	5.254	73	5.305	5	5.335	39	5.62	73	5.256
6	5.418	40	5.686	74	5.558	6	5.489	40	5.635	74	5.662
7	5.319	41	5.688	75	5.455	7	5.34	41	5.37	75	5.412
8	5.671	42	5.663	76	5.448	8	5.536	42	5.585	76	5.434
9	5.451	43	5.45	77	5.284	9	5.501	43	5.53	77	5.563
10	5.493	44	5.706	78	5.275	10	5.721	44	5.385	78	5.629
11	5.655	45	5.541	79	5.662	11	5.313	45	5.51	79	5.653
12	5.499	46	5.496	80	5.407	12	5.679	46	5.678	80	5.291
13	5.694	47	5.281	81	5.473	13	5.328	47	5.443	81	5.253
14	5.491	48	5.325	82	5.713	14	5.672	48	5.719	82	5.618
15	5.678	49	5.526	83	5.485	15	5.643	49	5.521	83	5.359
16	5.59	50	5.513	84	5.627	16	5.65	50	5.631	84	5.509
17	5.574	51	5.388	85	5.348	17	5.714	51	5.473	85	5.59
18	5.426	52	5.308	86	5.417	18	5.274	52	5.312	86	5.293
19	5.369	53	5.395	87	5.624	19	5.462	53	5.414	87	5.519
20	5.544	54	5.68	88	5.374	20	5.382	54	5.692	88	5.301
21	5.357	55	5.707	89	5.588	21	5.641	55	5.677	89	5.315
22	5.643	56	5.391	90	5.691	22	5.628	56	5.706	90	5.404
23	5.278	57	5.386	91	5.677	23	5.572	57	5.425	91	5.608
24	5.252	58	5.443	92	5.331	24	5.44	58	5.676	92	5.515
25	5.654	59	5.389	93	5.47	25	5.493	59	5.557	93	5.562
26	5.446	60	5.251	94	5.255	26	5.634	60	5.492	94	5.615
27	5.304	61	5.409	95	5.626	27	5.586	61	5.664	95	5.605
28	5.595	62	5.532	96	5.381	28	5.524	62	5.639	96	5.287
29	5.314	63	5.358	97	5.259	29	5.38	63	5.594	97	5.574
30	5.463	64	5.299	98	5.268	30	5.636	64	5.534	98	5.298
31	5.322	65	5.486	99	5.414	31	5.604	65	5.597	99	5.389
32	5.695	66	5.412	100	5.462	32	5.508	66	5.61	100	5.456
33	5.613	67	5.522			33	5.314	67	5.3		
34	5.411	68	5.724			34	5.529	68	5.277		

5270MHZ-40MHZ BW-T6-TRIAL-9						5270MHZ-40MHZ BW-T6-TRIAL-10					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.29	35	5.374	69	5.543	1	5.612	35	5.402	69	5.434
2	5.459	36	5.695	70	5.48	2	5.272	36	5.255	70	5.561
3	5.617	37	5.558	71	5.492	3	5.367	37	5.559	71	5.623
4	5.654	38	5.405	72	5.311	4	5.641	38	5.334	72	5.54
5	5.418	39	5.573	73	5.628	5	5.516	39	5.585	73	5.32
6	5.335	40	5.47	74	5.449	6	5.569	40	5.335	74	5.563
7	5.525	41	5.577	75	5.333	7	5.544	41	5.312	75	5.432
8	5.403	42	5.709	76	5.64	8	5.259	42	5.321	76	5.453
9	5.702	43	5.497	77	5.304	9	5.6	43	5.327	77	5.261
10	5.696	44	5.454	78	5.322	10	5.695	44	5.485	78	5.384
11	5.699	45	5.443	79	5.494	11	5.373	45	5.376	79	5.494
12	5.43	46	5.331	80	5.267	12	5.298	46	5.308	80	5.442
13	5.448	47	5.554	81	5.279	13	5.522	47	5.527	81	5.715
14	5.646	48	5.457	82	5.68	14	5.487	48	5.345	82	5.378
15	5.463	49	5.518	83	5.442	15	5.323	49	5.65	83	5.579
16	5.336	50	5.652	84	5.351	16	5.45	50	5.387	84	5.438
17	5.275	51	5.342	85	5.327	17	5.25	51	5.546	85	5.686
18	5.629	52	5.437	86	5.495	18	5.577	52	5.412	86	5.35
19	5.676	53	5.701	87	5.521	19	5.431	53	5.531	87	5.441
20	5.515	54	5.718	88	5.434	20	5.435	54	5.463	88	5.587
21	5.586	55	5.295	89	5.616	21	5.621	55	5.264	89	5.489
22	5.39	56	5.325	90	5.264	22	5.543	56	5.363	90	5.591
23	5.433	57	5.302	91	5.303	23	5.661	57	5.556	91	5.518
24	5.42	58	5.299	92	5.671	24	5.717	58	5.296	92	5.315
25	5.271	59	5.379	93	5.715	25	5.386	59	5.646	93	5.443
26	5.25	60	5.447	94	5.596	26	5.689	60	5.252	94	5.698
27	5.56	61	5.557	95	5.439	27	5.624	61	5.36	95	5.483
28	5.353	62	5.574	96	5.642	28	5.511	62	5.503	96	5.59
29	5.46	63	5.284	97	5.508	29	5.265	63	5.688	97	5.262
30	5.704	64	5.478	98	5.563	30	5.285	64	5.513	98	5.679
31	5.388	65	5.689	99	5.599	31	5.604	65	5.67	99	5.458
32	5.396	66	5.634	100	5.373	32	5.572	66	5.358	100	5.343
33	5.257	67	5.527			33	5.578	67	5.379		
34	5.419	68	5.548			34	5.342	68	5.534		

5270MHZ-40MHZ BW-T6-TRIAL-11						5270MHZ-40MHZ BW-T6-TRIAL-12					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.491	35	5.512	69	5.288	1	5.53	35	5.292	69	5.349
2	5.481	36	5.57	70	5.579	2	5.257	36	5.3	70	5.556
3	5.591	37	5.499	71	5.451	3	5.354	37	5.255	71	5.56
4	5.359	38	5.552	72	5.638	4	5.333	38	5.655	72	5.597
5	5.339	39	5.428	73	5.418	5	5.517	39	5.715	73	5.507
6	5.372	40	5.266	74	5.686	6	5.358	40	5.36	74	5.674
7	5.407	41	5.371	75	5.384	7	5.32	41	5.582	75	5.391
8	5.617	42	5.296	76	5.276	8	5.722	42	5.656	76	5.47
9	5.718	43	5.595	77	5.577	9	5.72	43	5.49	77	5.611
10	5.45	44	5.643	78	5.454	10	5.435	44	5.456	78	5.508
11	5.616	45	5.518	79	5.713	11	5.685	45	5.692	79	5.321
12	5.644	46	5.695	80	5.324	12	5.529	46	5.662	80	5.253
13	5.489	47	5.652	81	5.32	13	5.487	47	5.695	81	5.345
14	5.593	48	5.549	82	5.368	14	5.603	48	5.477	82	5.27
15	5.254	49	5.633	83	5.602	15	5.589	49	5.298	83	5.647
16	5.312	50	5.692	84	5.444	16	5.308	50	5.266	84	5.303
17	5.33	51	5.676	85	5.495	17	5.677	51	5.699	85	5.251
18	5.517	52	5.538	86	5.289	18	5.455	52	5.331	86	5.393
19	5.337	53	5.628	87	5.564	19	5.301	53	5.439	87	5.478
20	5.446	54	5.456	88	5.671	20	5.55	54	5.305	88	5.447
21	5.717	55	5.391	89	5.42	21	5.375	55	5.581	89	5.718
22	5.557	56	5.678	90	5.621	22	5.463	56	5.336	90	5.421
23	5.344	57	5.299	91	5.507	23	5.604	57	5.307	91	5.679
24	5.382	58	5.323	92	5.627	24	5.467	58	5.696	92	5.412
25	5.615	59	5.493	93	5.492	25	5.289	59	5.314	93	5.551
26	5.429	60	5.656	94	5.532	26	5.446	60	5.637	94	5.361
27	5.527	61	5.363	95	5.468	27	5.584	61	5.395	95	5.629
28	5.264	62	5.667	96	5.716	28	5.357	62	5.609	96	5.285
29	5.661	63	5.476	97	5.309	29	5.576	63	5.719	97	5.698
30	5.612	64	5.4	98	5.287	30	5.293	64	5.615	98	5.646
31	5.542	65	5.691	99	5.55	31	5.483	65	5.69	99	5.708
32	5.463	66	5.332	100	5.353	32	5.688	66	5.384	100	5.337
33	5.28	67	5.417			33	5.328	67	5.654		
34	5.719	68	5.348			34	5.34	68	5.601		

5270MHZ-40MHZ BW-T6-TRIAL-13						5270MHZ-40MHZ BW-T6-TRIAL-14					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.52	35	5.688	69	5.477	1	5.292	35	5.295	69	5.333
2	5.456	36	5.339	70	5.327	2	5.541	36	5.562	70	5.672
3	5.398	37	5.612	71	5.306	3	5.28	37	5.269	71	5.368
4	5.592	38	5.292	72	5.507	4	5.409	38	5.533	72	5.595
5	5.349	39	5.475	73	5.671	5	5.697	39	5.65	73	5.557
6	5.696	40	5.357	74	5.321	6	5.435	40	5.591	74	5.504
7	5.251	41	5.494	75	5.542	7	5.461	41	5.357	75	5.42
8	5.547	42	5.624	76	5.371	8	5.568	42	5.551	76	5.399
9	5.268	43	5.589	77	5.532	9	5.397	43	5.316	77	5.58
10	5.595	44	5.45	78	5.443	10	5.402	44	5.563	78	5.421
11	5.329	45	5.599	79	5.617	11	5.423	45	5.393	79	5.468
12	5.642	46	5.378	80	5.435	12	5.456	46	5.634	80	5.412
13	5.699	47	5.692	81	5.262	13	5.494	47	5.264	81	5.312
14	5.403	48	5.545	82	5.618	14	5.638	48	5.671	82	5.283
15	5.581	49	5.36	83	5.33	15	5.675	49	5.454	83	5.633
16	5.421	50	5.312	84	5.638	16	5.448	50	5.384	84	5.706
17	5.548	51	5.347	85	5.653	17	5.601	51	5.309	85	5.346
18	5.524	52	5.276	86	5.503	18	5.262	52	5.571	86	5.689
19	5.579	53	5.685	87	5.393	19	5.4	53	5.256	87	5.522
20	5.372	54	5.514	88	5.284	20	5.379	54	5.553	88	5.528
21	5.467	55	5.698	89	5.431	21	5.331	55	5.658	89	5.273
22	5.356	56	5.703	90	5.495	22	5.565	56	5.686	90	5.643
23	5.441	57	5.425	91	5.644	23	5.366	57	5.495	91	5.31
24	5.704	58	5.654	92	5.683	24	5.376	58	5.664	92	5.343
25	5.337	59	5.645	93	5.389	25	5.325	59	5.611	93	5.582
26	5.48	60	5.414	94	5.319	26	5.488	60	5.459	94	5.36
27	5.432	61	5.564	95	5.531	27	5.717	61	5.442	95	5.387
28	5.702	62	5.376	96	5.635	28	5.503	62	5.29	96	5.364
29	5.31	63	5.322	97	5.711	29	5.555	63	5.548	97	5.592
30	5.533	64	5.442	98	5.483	30	5.508	64	5.426	98	5.532
31	5.58	65	5.436	99	5.402	31	5.538	65	5.587	99	5.711
32	5.634	66	5.603	100	5.67	32	5.7	66	5.618	100	5.297
33	5.341	67	5.4			33	5.351	67	5.449		
34	5.536	68	5.563			34	5.277	68	5.326		

5270MHZ-40MHZ BW-T6-TRIAL-15						5270MHZ-40MHZ BW-T6-TRIAL-16					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.374	35	5.524	69	5.414	1	5.479	35	5.294	69	5.506
2	5.711	36	5.385	70	5.474	2	5.369	36	5.418	70	5.676
3	5.304	37	5.713	71	5.362	3	5.286	37	5.583	71	5.441
4	5.253	38	5.522	72	5.672	4	5.614	38	5.287	72	5.609
5	5.529	39	5.316	73	5.572	5	5.721	39	5.703	73	5.335
6	5.514	40	5.544	74	5.259	6	5.424	40	5.548	74	5.331
7	5.283	41	5.494	75	5.318	7	5.448	41	5.458	75	5.313
8	5.629	42	5.444	76	5.492	8	5.301	42	5.63	76	5.259
9	5.703	43	5.526	77	5.33	9	5.489	43	5.649	77	5.488
10	5.65	44	5.692	78	5.714	10	5.545	44	5.552	78	5.601
11	5.687	45	5.574	79	5.398	11	5.572	45	5.483	79	5.543
12	5.346	46	5.479	80	5.707	12	5.447	46	5.269	80	5.672
13	5.666	47	5.353	81	5.485	13	5.285	47	5.394	81	5.277
14	5.647	48	5.309	82	5.31	14	5.481	48	5.48	82	5.268
15	5.308	49	5.501	83	5.377	15	5.693	49	5.707	83	5.345
16	5.342	50	5.554	84	5.634	16	5.597	50	5.378	84	5.328
17	5.659	51	5.648	85	5.61	17	5.438	51	5.377	85	5.723
18	5.464	52	5.266	86	5.389	18	5.278	52	5.505	86	5.28
19	5.63	53	5.386	87	5.411	19	5.665	53	5.381	87	5.252
20	5.433	54	5.507	88	5.515	20	5.439	54	5.577	88	5.592
21	5.624	55	5.64	89	5.345	21	5.363	55	5.3	89	5.54
22	5.296	56	5.644	90	5.371	22	5.561	56	5.261	90	5.544
23	5.693	57	5.496	91	5.452	23	5.631	57	5.656	91	5.689
24	5.282	58	5.446	92	5.255	24	5.406	58	5.472	92	5.395
25	5.635	59	5.698	93	5.621	25	5.681	59	5.452	93	5.427
26	5.402	60	5.48	94	5.469	26	5.318	60	5.68	94	5.415
27	5.539	61	5.609	95	5.498	27	5.384	61	5.482	95	5.688
28	5.341	62	5.563	96	5.289	28	5.677	62	5.329	96	5.264
29	5.372	63	5.473	97	5.626	29	5.357	63	5.347	97	5.416
30	5.673	64	5.375	98	5.53	30	5.516	64	5.469	98	5.273
31	5.333	65	5.271	99	5.297	31	5.683	65	5.684	99	5.467
32	5.29	66	5.337	100	5.351	32	5.42	66	5.316	100	5.403
33	5.584	67	5.623			33	5.366	67	5.374		
34	5.719	68	5.722			34	5.299	68	5.679		

5270MHZ-40MHZ BW-T6-TRIAL-17						5270MHZ-40MHZ BW-T6-TRIAL-18					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.611	35	5.332	69	5.596	1	5.589	35	5.674	69	5.473
2	5.45	36	5.375	70	5.716	2	5.374	36	5.267	70	5.25
3	5.515	37	5.499	71	5.432	3	5.38	37	5.272	71	5.523
4	5.291	38	5.29	72	5.418	4	5.644	38	5.641	72	5.368
5	5.697	39	5.429	73	5.669	5	5.619	39	5.299	73	5.532
6	5.672	40	5.541	74	5.372	6	5.529	40	5.695	74	5.378
7	5.288	41	5.59	75	5.268	7	5.406	41	5.307	75	5.57
8	5.628	42	5.364	76	5.501	8	5.653	42	5.617	76	5.636
9	5.632	43	5.412	77	5.416	9	5.462	43	5.259	77	5.713
10	5.446	44	5.453	78	5.383	10	5.483	44	5.486	78	5.346
11	5.365	45	5.721	79	5.645	11	5.503	45	5.536	79	5.575
12	5.456	46	5.486	80	5.662	12	5.376	46	5.397	80	5.714
13	5.575	47	5.366	81	5.687	13	5.679	47	5.634	81	5.261
14	5.309	48	5.343	82	5.308	14	5.626	48	5.665	82	5.379
15	5.571	49	5.293	83	5.433	15	5.577	49	5.684	83	5.334
16	5.426	50	5.698	84	5.652	16	5.661	50	5.425	84	5.565
17	5.627	51	5.567	85	5.505	17	5.566	51	5.571	85	5.491
18	5.587	52	5.65	86	5.278	18	5.681	52	5.39	86	5.432
19	5.317	53	5.64	87	5.492	19	5.652	53	5.663	87	5.419
20	5.473	54	5.471	88	5.508	20	5.715	54	5.698	88	5.469
21	5.599	55	5.306	89	5.385	21	5.28	55	5.377	89	5.535
22	5.358	56	5.396	90	5.566	22	5.284	56	5.341	90	5.335
23	5.442	57	5.307	91	5.701	23	5.544	57	5.581	91	5.609
24	5.345	58	5.255	92	5.723	24	5.72	58	5.286	92	5.574
25	5.361	59	5.468	93	5.459	25	5.705	59	5.541	93	5.531
26	5.578	60	5.529	94	5.357	26	5.464	60	5.683	94	5.358
27	5.257	61	5.326	95	5.564	27	5.68	61	5.309	95	5.6
28	5.303	62	5.591	96	5.415	28	5.41	62	5.293	96	5.633
29	5.321	63	5.476	97	5.656	29	5.315	63	5.605	97	5.337
30	5.641	64	5.461	98	5.408	30	5.385	64	5.606	98	5.364
31	5.639	65	5.538	99	5.6	31	5.558	65	5.587	99	5.386
32	5.633	66	5.562	100	5.521	32	5.282	66	5.638	100	5.392
33	5.586	67	5.7			33	5.484	67	5.55		
34	5.304	68	5.705			34	5.431	68	5.563		

5270MHZ-40MHZ BW-T6-TRIAL-19						5270MHZ-40MHZ BW-T6-TRIAL-20					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.437	35	5.305	69	5.372	1	5.334	35	5.298	69	5.664
2	5.42	36	5.65	70	5.343	2	5.384	36	5.294	70	5.484
3	5.692	37	5.697	71	5.336	3	5.271	37	5.382	71	5.255
4	5.299	38	5.448	72	5.545	4	5.343	38	5.623	72	5.656
5	5.492	39	5.597	73	5.593	5	5.29	39	5.37	73	5.556
6	5.624	40	5.442	74	5.715	6	5.262	40	5.543	74	5.535
7	5.621	41	5.606	75	5.532	7	5.545	41	5.306	75	5.318
8	5.668	42	5.68	76	5.586	8	5.46	42	5.368	76	5.286
9	5.339	43	5.287	77	5.639	9	5.68	43	5.615	77	5.422
10	5.578	44	5.61	78	5.669	10	5.713	44	5.589	78	5.686
11	5.581	45	5.628	79	5.398	11	5.321	45	5.353	79	5.539
12	5.477	46	5.709	80	5.259	12	5.497	46	5.513	80	5.469
13	5.415	47	5.62	81	5.345	13	5.451	47	5.518	81	5.45
14	5.695	48	5.565	82	5.43	14	5.398	48	5.485	82	5.632
15	5.427	49	5.432	83	5.577	15	5.364	49	5.273	83	5.483
16	5.268	50	5.335	84	5.564	16	5.504	50	5.458	84	5.579
17	5.365	51	5.544	85	5.4	17	5.709	51	5.392	85	5.34
18	5.498	52	5.413	86	5.604	18	5.443	52	5.452	86	5.605
19	5.635	53	5.31	87	5.521	19	5.624	53	5.455	87	5.509
20	5.484	54	5.452	88	5.351	20	5.559	54	5.691	88	5.64
21	5.321	55	5.285	89	5.649	21	5.541	55	5.595	89	5.492
22	5.617	56	5.671	90	5.646	22	5.643	56	5.645	90	5.702
23	5.721	57	5.683	91	5.39	23	5.283	57	5.506	91	5.428
24	5.473	58	5.479	92	5.494	24	5.609	58	5.472	92	5.577
25	5.472	59	5.654	93	5.677	25	5.614	59	5.601	93	5.661
26	5.716	60	5.485	94	5.48	26	5.379	60	5.346	94	5.293
27	5.696	61	5.594	95	5.347	27	5.683	61	5.689	95	5.391
28	5.27	62	5.714	96	5.673	28	5.33	62	5.65	96	5.669
29	5.702	63	5.291	97	5.718	29	5.519	63	5.694	97	5.467
30	5.376	64	5.281	98	5.651	30	5.567	64	5.307	98	5.383
31	5.719	65	5.304	99	5.595	31	5.626	65	5.278	99	5.28
32	5.381	66	5.273	100	5.634	32	5.571	66	5.388	100	5.633
33	5.377	67	5.469			33	5.562	67	5.454		
34	5.308	68	5.28			34	5.673	68	5.508		

5270MHZ-40MHZ BW-T6-TRIAL-21						5270MHZ-40MHZ BW-T6-TRIAL-22					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.603	35	5.288	69	5.426	1	5.409	35	5.557	69	5.49
2	5.344	36	5.329	70	5.41	2	5.566	36	5.513	70	5.685
3	5.718	37	5.595	71	5.363	3	5.691	37	5.259	71	5.462
4	5.721	38	5.276	72	5.328	4	5.453	38	5.485	72	5.26
5	5.408	39	5.618	73	5.503	5	5.459	39	5.388	73	5.711
6	5.294	40	5.3	74	5.688	6	5.267	40	5.411	74	5.694
7	5.545	41	5.359	75	5.37	7	5.42	41	5.558	75	5.607
8	5.357	42	5.305	76	5.666	8	5.465	42	5.398	76	5.598
9	5.575	43	5.353	77	5.61	9	5.266	43	5.695	77	5.523
10	5.492	44	5.717	78	5.654	10	5.264	44	5.468	78	5.316
11	5.457	45	5.484	79	5.262	11	5.337	45	5.721	79	5.538
12	5.697	46	5.526	80	5.322	12	5.68	46	5.501	80	5.444
13	5.577	47	5.346	81	5.511	13	5.578	47	5.29	81	5.307
14	5.673	48	5.429	82	5.678	14	5.678	48	5.689	82	5.327
15	5.549	49	5.512	83	5.425	15	5.419	49	5.66	83	5.387
16	5.671	50	5.553	84	5.466	16	5.588	50	5.315	84	5.384
17	5.656	51	5.493	85	5.332	17	5.552	51	5.637	85	5.526
18	5.424	52	5.498	86	5.538	18	5.529	52	5.63	86	5.577
19	5.477	53	5.551	87	5.563	19	5.276	53	5.284	87	5.723
20	5.319	54	5.701	88	5.483	20	5.592	54	5.347	88	5.473
21	5.476	55	5.338	89	5.518	21	5.393	55	5.379	89	5.614
22	5.689	56	5.528	90	5.72	22	5.256	56	5.522	90	5.697
23	5.67	57	5.392	91	5.627	23	5.677	57	5.33	91	5.381
24	5.255	58	5.47	92	5.71	24	5.394	58	5.604	92	5.491
25	5.53	59	5.278	93	5.64	25	5.362	59	5.657	93	5.514
26	5.378	60	5.295	94	5.621	26	5.609	60	5.252	94	5.46
27	5.286	61	5.438	95	5.712	27	5.701	61	5.378	95	5.64
28	5.354	62	5.633	96	5.496	28	5.537	62	5.628	96	5.269
29	5.381	63	5.251	97	5.394	29	5.343	63	5.455	97	5.469
30	5.443	64	5.679	98	5.601	30	5.367	64	5.639	98	5.619
31	5.586	65	5.264	99	5.57	31	5.585	65	5.414	99	5.704
32	5.361	66	5.454	100	5.607	32	5.318	66	5.311	100	5.693
33	5.277	67	5.606			33	5.535	67	5.5		
34	5.706	68	5.436			34	5.674	68	5.351		

5270MHZ-40MHZ BW-T6-TRIAL-23						5270MHZ-40MHZ BW-T6-TRIAL-24					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.432	35	5.352	69	5.635	1	5.254	35	5.309	69	5.319
2	5.411	36	5.515	70	5.382	2	5.57	36	5.352	70	5.514
3	5.422	37	5.688	71	5.338	3	5.467	37	5.722	71	5.383
4	5.7	38	5.626	72	5.495	4	5.602	38	5.303	72	5.597
5	5.487	39	5.488	73	5.687	5	5.462	39	5.405	73	5.397
6	5.678	40	5.35	74	5.322	6	5.444	40	5.678	74	5.289
7	5.551	41	5.292	75	5.304	7	5.648	41	5.558	75	5.257
8	5.588	42	5.427	76	5.3	8	5.508	42	5.355	76	5.43
9	5.585	43	5.692	77	5.42	9	5.434	43	5.252	77	5.559
10	5.267	44	5.398	78	5.307	10	5.69	44	5.546	78	5.679
11	5.334	45	5.703	79	5.421	11	5.618	45	5.491	79	5.46
12	5.528	46	5.409	80	5.504	12	5.33	46	5.361	80	5.455
13	5.719	47	5.605	81	5.295	13	5.322	47	5.527	81	5.499
14	5.617	48	5.468	82	5.321	14	5.366	48	5.362	82	5.717
15	5.396	49	5.482	83	5.361	15	5.631	49	5.302	83	5.588
16	5.509	50	5.437	84	5.627	16	5.272	50	5.584	84	5.576
17	5.494	51	5.517	85	5.526	17	5.517	51	5.394	85	5.641
18	5.512	52	5.655	86	5.536	18	5.538	52	5.713	86	5.363
19	5.689	53	5.581	87	5.486	19	5.509	53	5.335	87	5.298
20	5.519	54	5.253	88	5.507	20	5.636	54	5.493	88	5.452
21	5.342	55	5.255	89	5.661	21	5.548	55	5.474	89	5.479
22	5.606	56	5.266	90	5.576	22	5.35	56	5.502	90	5.566
23	5.32	57	5.308	91	5.651	23	5.344	57	5.617	91	5.346
24	5.331	58	5.324	92	5.602	24	5.453	58	5.659	92	5.71
25	5.395	59	5.716	93	5.521	25	5.682	59	5.385	93	5.327
26	5.444	60	5.346	94	5.53	26	5.563	60	5.338	94	5.555
27	5.516	61	5.54	95	5.401	27	5.41	61	5.698	95	5.714
28	5.532	62	5.329	96	5.284	28	5.615	62	5.39	96	5.497
29	5.281	63	5.353	97	5.553	29	5.445	63	5.495	97	5.465
30	5.264	64	5.265	98	5.558	30	5.703	64	5.704	98	5.293
31	5.46	65	5.708	99	5.631	31	5.535	65	5.447	99	5.673
32	5.419	66	5.565	100	5.385	32	5.568	66	5.267	100	5.608
33	5.403	67	5.499			33	5.367	67	5.657		
34	5.489	68	5.375			34	5.687	68	5.376		

5270MHZ-40MHZ BW-T6-TRIAL-25						5270MHZ-40MHZ BW-T6-TRIAL-26					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.406	35	5.619	69	5.365	1	5.577	35	5.583	69	5.48
2	5.36	36	5.451	70	5.526	2	5.28	36	5.25	70	5.348
3	5.556	37	5.391	71	5.31	3	5.36	37	5.552	71	5.385
4	5.565	38	5.6	72	5.56	4	5.281	38	5.435	72	5.292
5	5.503	39	5.267	73	5.707	5	5.464	39	5.343	73	5.545
6	5.649	40	5.625	74	5.575	6	5.315	40	5.66	74	5.579
7	5.642	41	5.265	75	5.528	7	5.52	41	5.664	75	5.632
8	5.635	42	5.706	76	5.369	8	5.261	42	5.503	76	5.612
9	5.606	43	5.281	77	5.657	9	5.363	43	5.37	77	5.393
10	5.309	44	5.518	78	5.324	10	5.311	44	5.549	78	5.43
11	5.409	45	5.42	79	5.545	11	5.496	45	5.489	79	5.555
12	5.343	46	5.331	80	5.534	12	5.274	46	5.627	80	5.653
13	5.288	47	5.597	81	5.328	13	5.475	47	5.591	81	5.715
14	5.41	48	5.603	82	5.296	14	5.506	48	5.597	82	5.541
15	5.538	49	5.264	83	5.472	15	5.6	49	5.495	83	5.568
16	5.446	50	5.59	84	5.7	16	5.419	50	5.635	84	5.604
17	5.497	51	5.678	85	5.462	17	5.401	51	5.415	85	5.54
18	5.38	52	5.718	86	5.652	18	5.423	52	5.295	86	5.589
19	5.452	53	5.335	87	5.314	19	5.651	53	5.384	87	5.477
20	5.459	54	5.655	88	5.268	20	5.673	54	5.488	88	5.601
21	5.428	55	5.581	89	5.371	21	5.268	55	5.49	89	5.364
22	5.542	56	5.429	90	5.626	22	5.367	56	5.655	90	5.288
23	5.599	57	5.517	91	5.486	23	5.333	57	5.714	91	5.554
24	5.686	58	5.587	92	5.292	24	5.582	58	5.622	92	5.378
25	5.67	59	5.32	93	5.585	25	5.721	59	5.571	93	5.525
26	5.582	60	5.66	94	5.57	26	5.267	60	5.344	94	5.279
27	5.504	61	5.45	95	5.483	27	5.29	61	5.575	95	5.342
28	5.596	62	5.656	96	5.708	28	5.671	62	5.428	96	5.576
29	5.372	63	5.609	97	5.457	29	5.381	63	5.257	97	5.478
30	5.399	64	5.722	98	5.284	30	5.325	64	5.56	98	5.501
31	5.533	65	5.618	99	5.571	31	5.616	65	5.377	99	5.662
32	5.463	66	5.555	100	5.477	32	5.389	66	5.391	100	5.646
33	5.552	67	5.594			33	5.507	67	5.26		
34	5.417	68	5.543			34	5.382	68	5.313		

5270MHZ-40MHZ BW-T6-TRIAL-27						5270MHZ-40MHZ BW-T6-TRIAL-28					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.295	35	5.279	69	5.272	1	5.691	35	5.657	69	5.431
2	5.42	36	5.631	70	5.431	2	5.666	36	5.312	70	5.548
3	5.573	37	5.699	71	5.349	3	5.647	37	5.435	71	5.521
4	5.458	38	5.676	72	5.639	4	5.611	38	5.357	72	5.591
5	5.485	39	5.696	73	5.26	5	5.678	39	5.458	73	5.419
6	5.405	40	5.282	74	5.669	6	5.662	40	5.614	74	5.466
7	5.366	41	5.689	75	5.316	7	5.401	41	5.389	75	5.29
8	5.452	42	5.574	76	5.516	8	5.363	42	5.59	76	5.549
9	5.482	43	5.599	77	5.426	9	5.318	43	5.301	77	5.515
10	5.567	44	5.445	78	5.491	10	5.359	44	5.547	78	5.523
11	5.636	45	5.69	79	5.321	11	5.51	45	5.68	79	5.266
12	5.425	46	5.319	80	5.31	12	5.353	46	5.613	80	5.422
13	5.662	47	5.688	81	5.473	13	5.604	47	5.485	81	5.644
14	5.296	48	5.459	82	5.496	14	5.455	48	5.335	82	5.563
15	5.571	49	5.499	83	5.602	15	5.589	49	5.654	83	5.307
16	5.531	50	5.339	84	5.464	16	5.257	50	5.486	84	5.464
17	5.512	51	5.72	85	5.277	17	5.489	51	5.303	85	5.412
18	5.434	52	5.517	86	5.411	18	5.415	52	5.44	86	5.514
19	5.303	53	5.711	87	5.314	19	5.372	53	5.295	87	5.371
20	5.278	54	5.471	88	5.416	20	5.339	54	5.638	88	5.616
21	5.389	55	5.601	89	5.357	21	5.541	55	5.41	89	5.255
22	5.592	56	5.724	90	5.515	22	5.479	56	5.253	90	5.669
23	5.264	57	5.364	91	5.56	23	5.506	57	5.712	91	5.683
24	5.672	58	5.421	92	5.439	24	5.481	58	5.406	92	5.56
25	5.719	59	5.508	93	5.62	25	5.4	59	5.333	93	5.334
26	5.268	60	5.492	94	5.335	26	5.509	60	5.289	94	5.673
27	5.448	61	5.419	95	5.634	27	5.556	61	5.649	95	5.627
28	5.424	62	5.52	96	5.41	28	5.477	62	5.42	96	5.622
29	5.524	63	5.533	97	5.616	29	5.562	63	5.369	97	5.501
30	5.611	64	5.285	98	5.274	30	5.682	64	5.629	98	5.704
31	5.702	65	5.522	99	5.545	31	5.668	65	5.612	99	5.325
32	5.386	66	5.66	100	5.694	32	5.476	66	5.483	100	5.557
33	5.705	67	5.678			33	5.503	67	5.26		
34	5.655	68	5.569			34	5.5	68	5.362		

5270MHZ-40MHZ BW-T6-TRIAL-29						5270MHZ-40MHZ BW-T6-TRIAL-30					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.434	35	5.513	69	5.293	1	5.496	35	5.426	69	5.422
2	5.45	36	5.309	70	5.477	2	5.413	36	5.653	70	5.553
3	5.348	37	5.389	71	5.511	3	5.404	37	5.342	71	5.475
4	5.308	38	5.606	72	5.698	4	5.556	38	5.41	72	5.438
5	5.6	39	5.296	73	5.655	5	5.443	39	5.397	73	5.385
6	5.695	40	5.608	74	5.282	6	5.264	40	5.327	74	5.594
7	5.535	41	5.648	75	5.456	7	5.31	41	5.466	75	5.708
8	5.464	42	5.415	76	5.321	8	5.313	42	5.291	76	5.304
9	5.676	43	5.673	77	5.568	9	5.563	43	5.682	77	5.54
10	5.301	44	5.328	78	5.58	10	5.541	44	5.501	78	5.694
11	5.253	45	5.662	79	5.316	11	5.377	45	5.722	79	5.503
12	5.357	46	5.623	80	5.519	12	5.271	46	5.437	80	5.646
13	5.252	47	5.466	81	5.691	13	5.652	47	5.309	81	5.451
14	5.25	48	5.545	82	5.412	14	5.317	48	5.562	82	5.345
15	5.708	49	5.334	83	5.4	15	5.444	49	5.455	83	5.415
16	5.271	50	5.465	84	5.297	16	5.308	50	5.323	84	5.721
17	5.346	51	5.428	85	5.688	17	5.491	51	5.724	85	5.368
18	5.644	52	5.589	86	5.315	18	5.277	52	5.619	86	5.55
19	5.298	53	5.501	87	5.443	19	5.421	53	5.435	87	5.551
20	5.562	54	5.596	88	5.66	20	5.602	54	5.486	88	5.265
21	5.579	55	5.469	89	5.411	21	5.465	55	5.521	89	5.601
22	5.421	56	5.31	90	5.488	22	5.604	56	5.452	90	5.318
23	5.353	57	5.359	91	5.333	23	5.341	57	5.712	91	5.464
24	5.529	58	5.416	92	5.364	24	5.403	58	5.679	92	5.598
25	5.479	59	5.418	93	5.397	25	5.675	59	5.262	93	5.508
26	5.423	60	5.68	94	5.582	26	5.593	60	5.678	94	5.558
27	5.387	61	5.652	95	5.51	27	5.325	61	5.704	95	5.274
28	5.669	62	5.702	96	5.379	28	5.414	62	5.53	96	5.407
29	5.435	63	5.547	97	5.677	29	5.364	63	5.292	97	5.468
30	5.575	64	5.571	98	5.432	30	5.526	64	5.311	98	5.706
31	5.42	65	5.284	99	5.615	31	5.583	65	5.534	99	5.578
32	5.604	66	5.47	100	5.39	32	5.252	66	5.546	100	5.255
33	5.48	67	5.687			33	5.259	67	5.571		
34	5.484	68	5.657			34	5.492	68	5.632		

A.6 Radar Type 6 Parameters for 80 MHz Bandwidth

5290MHZ-80MHZ BW-T6-TRIAL-1						5290MHZ-80MHZ BW-T6-TRIAL-2					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.605	35	5.501	69	5.447	1	5.649	35	5.308	69	5.384
2	5.464	36	5.364	70	5.635	2	5.476	36	5.66	70	5.688
3	5.489	37	5.48	71	5.337	3	5.678	37	5.379	71	5.293
4	5.559	38	5.577	72	5.323	4	5.332	38	5.444	72	5.518
5	5.387	39	5.709	73	5.472	5	5.681	39	5.288	73	5.612
6	5.251	40	5.362	74	5.531	6	5.513	40	5.486	74	5.571
7	5.664	41	5.492	75	5.42	7	5.607	41	5.356	75	5.433
8	5.287	42	5.477	76	5.467	8	5.585	42	5.267	76	5.399
9	5.373	43	5.699	77	5.682	9	5.559	43	5.603	77	5.331
10	5.278	44	5.587	78	5.528	10	5.674	44	5.534	78	5.256
11	5.526	45	5.542	79	5.662	11	5.397	45	5.614	79	5.575
12	5.631	46	5.628	80	5.347	12	5.309	46	5.679	80	5.264
13	5.679	47	5.44	81	5.449	13	5.296	47	5.497	81	5.621
14	5.669	48	5.32	82	5.299	14	5.567	48	5.266	82	5.408
15	5.419	49	5.322	83	5.574	15	5.37	49	5.633	83	5.634
16	5.689	50	5.316	84	5.575	16	5.701	50	5.445	84	5.369
17	5.527	51	5.692	85	5.613	17	5.653	51	5.305	85	5.589
18	5.344	52	5.482	86	5.392	18	5.436	52	5.499	86	5.572
19	5.36	53	5.648	87	5.37	19	5.449	53	5.285	87	5.353
20	5.346	54	5.372	88	5.52	20	5.414	54	5.555	88	5.507
21	5.256	55	5.549	89	5.465	21	5.45	55	5.471	89	5.652
22	5.508	56	5.396	90	5.533	22	5.597	56	5.38	90	5.619
23	5.289	57	5.597	91	5.654	23	5.261	57	5.664	91	5.578
24	5.518	58	5.609	92	5.376	24	5.524	58	5.644	92	5.685
25	5.598	59	5.6	93	5.509	25	5.557	59	5.323	93	5.562
26	5.407	60	5.523	94	5.71	26	5.647	60	5.511	94	5.65
27	5.28	61	5.268	95	5.645	27	5.427	61	5.258	95	5.561
28	5.506	62	5.341	96	5.524	28	5.262	62	5.468	96	5.648
29	5.633	63	5.561	97	5.698	29	5.392	63	5.698	97	5.492
30	5.697	64	5.309	98	5.408	30	5.531	64	5.527	98	5.419
31	5.566	65	5.274	99	5.31	31	5.629	65	5.346	99	5.651
32	5.257	66	5.589	100	5.666	32	5.452	66	5.506	100	5.68
33	5.66	67	5.455			33	5.3	67	5.501		
34	5.563	68	5.473			34	5.704	68	5.446		

5290MHZ-80MHZ BW-T6-TRIAL-3						5290MHZ-80MHZ BW-T6-TRIAL-4					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.301	35	5.334	69	5.513	1	5.488	35	5.421	69	5.372
2	5.382	36	5.661	70	5.316	2	5.687	36	5.38	70	5.257
3	5.343	37	5.57	71	5.623	3	5.43	37	5.717	71	5.631
4	5.611	38	5.419	72	5.609	4	5.554	38	5.465	72	5.327
5	5.285	39	5.547	73	5.527	5	5.609	39	5.3	73	5.698
6	5.604	40	5.411	74	5.616	6	5.475	40	5.307	74	5.453
7	5.463	41	5.709	75	5.564	7	5.637	41	5.641	75	5.657
8	5.593	42	5.549	76	5.594	8	5.459	42	5.623	76	5.592
9	5.377	43	5.375	77	5.571	9	5.599	43	5.411	77	5.406
10	5.287	44	5.697	78	5.492	10	5.332	44	5.668	78	5.654
11	5.372	45	5.332	79	5.362	11	5.593	45	5.626	79	5.455
12	5.426	46	5.405	80	5.485	12	5.333	46	5.269	80	5.708
13	5.4	47	5.508	81	5.493	13	5.368	47	5.706	81	5.691
14	5.341	48	5.49	82	5.622	14	5.303	48	5.289	82	5.319
15	5.383	49	5.68	83	5.337	15	5.328	49	5.694	83	5.556
16	5.491	50	5.454	84	5.482	16	5.479	50	5.611	84	5.45
17	5.368	51	5.466	85	5.637	17	5.294	51	5.607	85	5.325
18	5.505	52	5.542	86	5.584	18	5.652	52	5.348	86	5.452
19	5.309	53	5.297	87	5.477	19	5.286	53	5.524	87	5.656
20	5.529	54	5.306	88	5.348	20	5.445	54	5.714	88	5.354
21	5.701	55	5.718	89	5.526	21	5.612	55	5.298	89	5.352
22	5.322	56	5.683	90	5.667	22	5.718	56	5.606	90	5.547
23	5.328	57	5.385	91	5.378	23	5.658	57	5.644	91	5.457
24	5.412	58	5.691	92	5.518	24	5.366	58	5.705	92	5.54
25	5.467	59	5.313	93	5.308	25	5.595	59	5.302	93	5.427
26	5.524	60	5.386	94	5.705	26	5.486	60	5.553	94	5.52
27	5.663	61	5.712	95	5.664	27	5.379	61	5.551	95	5.28
28	5.506	62	5.369	96	5.551	28	5.617	62	5.25	96	5.263
29	5.638	63	5.696	97	5.302	29	5.555	63	5.66	97	5.392
30	5.723	64	5.438	98	5.469	30	5.71	64	5.271	98	5.318
31	5.327	65	5.589	99	5.496	31	5.688	65	5.59	99	5.557
32	5.465	66	5.256	100	5.583	32	5.518	66	5.537	100	5.701
33	5.596	67	5.363			33	5.715	67	5.566		
34	5.289	68	5.325			34	5.426	68	5.514		

5290MHZ-80MHZ BW-T6-TRIAL-5						5290MHZ-80MHZ BW-T6-TRIAL-6					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.465	35	5.541	69	5.416	1	5.508	35	5.526	69	5.646
2	5.44	36	5.577	70	5.283	2	5.715	36	5.574	70	5.282
3	5.557	37	5.634	71	5.278	3	5.595	37	5.54	71	5.443
4	5.668	38	5.499	72	5.268	4	5.406	38	5.654	72	5.605
5	5.473	39	5.41	73	5.563	5	5.322	39	5.252	73	5.366
6	5.631	40	5.681	74	5.607	6	5.35	40	5.324	74	5.643
7	5.407	41	5.602	75	5.33	7	5.457	41	5.653	75	5.254
8	5.655	42	5.259	76	5.693	8	5.561	42	5.36	76	5.58
9	5.484	43	5.432	77	5.468	9	5.274	43	5.482	77	5.279
10	5.401	44	5.309	78	5.608	10	5.295	44	5.686	78	5.464
11	5.301	45	5.453	79	5.508	11	5.28	45	5.56	79	5.405
12	5.342	46	5.718	80	5.684	12	5.307	46	5.567	80	5.37
13	5.365	47	5.52	81	5.413	13	5.622	47	5.675	81	5.261
14	5.299	48	5.379	82	5.591	14	5.627	48	5.698	82	5.602
15	5.449	49	5.276	83	5.604	15	5.296	49	5.402	83	5.427
16	5.374	50	5.621	84	5.384	16	5.403	50	5.433	84	5.689
17	5.516	51	5.513	85	5.612	17	5.3	51	5.419	85	5.438
18	5.512	52	5.261	86	5.662	18	5.509	52	5.511	86	5.312
19	5.373	53	5.337	87	5.254	19	5.365	53	5.479	87	5.572
20	5.429	54	5.443	88	5.713	20	5.658	54	5.514	88	5.633
21	5.622	55	5.396	89	5.553	21	5.61	55	5.273	89	5.408
22	5.494	56	5.685	90	5.406	22	5.404	56	5.329	90	5.278
23	5.49	57	5.724	91	5.7	23	5.557	57	5.719	91	5.617
24	5.334	58	5.395	92	5.672	24	5.493	58	5.465	92	5.629
25	5.485	59	5.555	93	5.705	25	5.298	59	5.398	93	5.702
26	5.297	60	5.475	94	5.477	26	5.596	60	5.343	94	5.414
27	5.451	61	5.598	95	5.415	27	5.53	61	5.6	95	5.375
28	5.692	62	5.581	96	5.385	28	5.495	62	5.667	96	5.55
29	5.347	63	5.483	97	5.544	29	5.256	63	5.571	97	5.448
30	5.467	64	5.653	98	5.505	30	5.523	64	5.634	98	5.257
31	5.623	65	5.566	99	5.565	31	5.712	65	5.253	99	5.608
32	5.667	66	5.392	100	5.387	32	5.692	66	5.72	100	5.319
33	5.63	67	5.498			33	5.682	67	5.677		
34	5.363	68	5.437			34	5.467	68	5.613		

5290MHZ-80MHZ BW-T6-TRIAL-7						5290MHZ-80MHZ BW-T6-TRIAL-8					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.386	35	5.609	69	5.274	1	5.585	35	5.428	69	5.556
2	5.344	36	5.254	70	5.647	2	5.479	36	5.721	70	5.606
3	5.676	37	5.472	71	5.277	3	5.588	37	5.634	71	5.716
4	5.315	38	5.685	72	5.544	4	5.334	38	5.358	72	5.475
5	5.65	39	5.721	73	5.573	5	5.365	39	5.502	73	5.299
6	5.357	40	5.281	74	5.487	6	5.659	40	5.597	74	5.566
7	5.428	41	5.587	75	5.41	7	5.251	41	5.549	75	5.317
8	5.444	42	5.707	76	5.255	8	5.619	42	5.362	76	5.712
9	5.613	43	5.377	77	5.532	9	5.288	43	5.551	77	5.635
10	5.382	44	5.524	78	5.291	10	5.298	44	5.403	78	5.485
11	5.574	45	5.653	79	5.526	11	5.581	45	5.645	79	5.579
12	5.356	46	5.644	80	5.503	12	5.674	46	5.661	80	5.253
13	5.434	47	5.529	81	5.437	13	5.547	47	5.569	81	5.369
14	5.402	48	5.381	82	5.641	14	5.329	48	5.539	82	5.647
15	5.326	49	5.638	83	5.275	15	5.499	49	5.393	83	5.368
16	5.447	50	5.258	84	5.527	16	5.601	50	5.558	84	5.487
17	5.347	51	5.675	85	5.396	17	5.537	51	5.675	85	5.34
18	5.607	52	5.296	86	5.442	18	5.53	52	5.357	86	5.286
19	5.462	53	5.383	87	5.284	19	5.578	53	5.589	87	5.43
20	5.648	54	5.698	88	5.252	20	5.48	54	5.523	88	5.378
21	5.46	55	5.603	89	5.426	21	5.436	55	5.625	89	5.5
22	5.333	56	5.392	90	5.626	22	5.36	56	5.281	90	5.612
23	5.27	57	5.673	91	5.592	23	5.331	57	5.696	91	5.388
24	5.53	58	5.449	92	5.561	24	5.646	58	5.534	92	5.363
25	5.68	59	5.482	93	5.348	25	5.643	59	5.697	93	5.284
26	5.623	60	5.554	94	5.328	26	5.636	60	5.496	94	5.709
27	5.683	61	5.67	95	5.598	27	5.344	61	5.517	95	5.609
28	5.48	62	5.666	96	5.549	28	5.72	62	5.431	96	5.272
29	5.452	63	5.283	97	5.618	29	5.706	63	5.392	97	5.407
30	5.306	64	5.418	98	5.409	30	5.632	64	5.345	98	5.559
31	5.406	65	5.416	99	5.316	31	5.377	65	5.426	99	5.25
32	5.646	66	5.588	100	5.611	32	5.563	66	5.355	100	5.405
33	5.29	67	5.366			33	5.257	67	5.35		
34	5.66	68	5.295			34	5.591	68	5.402		

5290MHZ-80MHZ BW-T6-TRIAL-9						5290MHZ-80MHZ BW-T6-TRIAL-10					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.718	35	5.518	69	5.359	1	5.435	35	5.479	69	5.471
2	5.405	36	5.707	70	5.52	2	5.416	36	5.349	70	5.588
3	5.422	37	5.689	71	5.385	3	5.544	37	5.636	71	5.706
4	5.389	38	5.37	72	5.281	4	5.414	38	5.359	72	5.499
5	5.256	39	5.358	73	5.611	5	5.61	39	5.678	73	5.326
6	5.459	40	5.523	74	5.307	6	5.697	40	5.628	74	5.546
7	5.502	41	5.381	75	5.472	7	5.555	41	5.279	75	5.649
8	5.351	42	5.427	76	5.301	8	5.423	42	5.563	76	5.574
9	5.515	43	5.441	77	5.484	9	5.398	43	5.614	77	5.419
10	5.475	44	5.508	78	5.516	10	5.545	44	5.462	78	5.608
11	5.724	45	5.559	79	5.327	11	5.537	45	5.504	79	5.648
12	5.632	46	5.659	80	5.543	12	5.39	46	5.256	80	5.674
13	5.503	47	5.679	81	5.561	13	5.55	47	5.378	81	5.498
14	5.25	48	5.377	82	5.332	14	5.607	48	5.375	82	5.459
15	5.608	49	5.414	83	5.323	15	5.664	49	5.328	83	5.556
16	5.612	50	5.703	84	5.476	16	5.469	50	5.467	84	5.579
17	5.664	51	5.325	85	5.383	17	5.332	51	5.554	85	5.251
18	5.567	52	5.634	86	5.399	18	5.252	52	5.433	86	5.564
19	5.46	53	5.345	87	5.343	19	5.597	53	5.601	87	5.587
20	5.487	54	5.271	88	5.259	20	5.529	54	5.434	88	5.519
21	5.254	55	5.371	89	5.41	21	5.538	55	5.541	89	5.702
22	5.277	56	5.38	90	5.488	22	5.709	56	5.407	90	5.492
23	5.644	57	5.431	91	5.436	23	5.395	57	5.713	91	5.28
24	5.449	58	5.401	92	5.407	24	5.412	58	5.625	92	5.688
25	5.709	59	5.477	93	5.639	25	5.466	59	5.596	93	5.669
26	5.529	60	5.507	94	5.672	26	5.281	60	5.675	94	5.615
27	5.626	61	5.466	95	5.713	27	5.396	61	5.478	95	5.43
28	5.587	62	5.652	96	5.687	28	5.457	62	5.656	96	5.474
29	5.673	63	5.424	97	5.585	29	5.589	63	5.557	97	5.29
30	5.513	64	5.65	98	5.542	30	5.609	64	5.35	98	5.254
31	5.279	65	5.495	99	5.635	31	5.318	65	5.634	99	5.48
32	5.552	66	5.716	100	5.56	32	5.31	66	5.667	100	5.268
33	5.308	67	5.665			33	5.502	67	5.417		
34	5.251	68	5.638			34	5.358	68	5.324		

5290MHZ-80MHZ BW-T6-TRIAL-11						5290MHZ-80MHZ BW-T6-TRIAL-12					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.472	35	5.544	69	5.608	1	5.379	35	5.595	69	5.298
2	5.684	36	5.521	70	5.519	2	5.266	36	5.388	70	5.67
3	5.501	37	5.411	71	5.614	3	5.634	37	5.637	71	5.283
4	5.558	38	5.548	72	5.268	4	5.37	38	5.588	72	5.389
5	5.682	39	5.256	73	5.498	5	5.614	39	5.549	73	5.709
6	5.598	40	5.257	74	5.304	6	5.511	40	5.277	74	5.26
7	5.477	41	5.258	75	5.668	7	5.622	41	5.542	75	5.427
8	5.58	42	5.617	76	5.482	8	5.445	42	5.693	76	5.376
9	5.279	43	5.252	77	5.384	9	5.324	43	5.385	77	5.261
10	5.626	44	5.714	78	5.613	10	5.419	44	5.361	78	5.527
11	5.545	45	5.484	79	5.299	11	5.408	45	5.54	79	5.431
12	5.392	46	5.692	80	5.579	12	5.567	46	5.532	80	5.641
13	5.528	47	5.664	81	5.445	13	5.594	47	5.552	81	5.28
14	5.432	48	5.723	82	5.374	14	5.559	48	5.593	82	5.374
15	5.577	49	5.343	83	5.381	15	5.252	49	5.498	83	5.52
16	5.527	50	5.605	84	5.533	16	5.707	50	5.56	84	5.305
17	5.455	51	5.695	85	5.341	17	5.494	51	5.59	85	5.592
18	5.699	52	5.263	86	5.666	18	5.434	52	5.253	86	5.603
19	5.512	53	5.431	87	5.719	19	5.335	53	5.354	87	5.566
20	5.576	54	5.361	88	5.633	20	5.357	54	5.662	88	5.328
21	5.281	55	5.59	89	5.271	21	5.519	55	5.444	89	5.436
22	5.593	56	5.354	90	5.645	22	5.291	56	5.505	90	5.655
23	5.529	57	5.419	91	5.437	23	5.306	57	5.558	91	5.303
24	5.43	58	5.693	92	5.298	24	5.6	58	5.716	92	5.255
25	5.724	59	5.635	93	5.301	25	5.703	59	5.465	93	5.396
26	5.618	60	5.415	94	5.355	26	5.34	60	5.417	94	5.668
27	5.452	61	5.29	95	5.272	27	5.457	61	5.44	95	5.333
28	5.456	62	5.372	96	5.39	28	5.267	62	5.497	96	5.657
29	5.463	63	5.255	97	5.65	29	5.378	63	5.316	97	5.425
30	5.594	64	5.691	98	5.705	30	5.585	64	5.697	98	5.638
31	5.462	65	5.574	99	5.414	31	5.71	65	5.39	99	5.648
32	5.276	66	5.447	100	5.326	32	5.349	66	5.491	100	5.631
33	5.483	67	5.587			33	5.684	67	5.446		
34	5.395	68	5.267			34	5.359	68	5.367		

5290MHZ-80MHZ BW-T6-TRIAL-13						5290MHZ-80MHZ BW-T6-TRIAL-14					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.36	35	5.525	69	5.568	1	5.466	35	5.682	69	5.588
2	5.398	36	5.33	70	5.28	2	5.589	36	5.278	70	5.392
3	5.358	37	5.346	71	5.62	3	5.606	37	5.716	71	5.415
4	5.718	38	5.529	72	5.309	4	5.51	38	5.362	72	5.503
5	5.484	39	5.37	73	5.433	5	5.604	39	5.612	73	5.532
6	5.426	40	5.406	74	5.553	6	5.67	40	5.356	74	5.547
7	5.385	41	5.535	75	5.618	7	5.25	41	5.285	75	5.39
8	5.637	42	5.408	76	5.671	8	5.663	42	5.298	76	5.327
9	5.342	43	5.417	77	5.366	9	5.714	43	5.418	77	5.384
10	5.658	44	5.415	78	5.687	10	5.495	44	5.467	78	5.629
11	5.638	45	5.469	79	5.424	11	5.657	45	5.595	79	5.531
12	5.336	46	5.267	80	5.266	12	5.479	46	5.402	80	5.676
13	5.374	47	5.457	81	5.491	13	5.276	47	5.557	81	5.599
14	5.355	48	5.598	82	5.438	14	5.47	48	5.326	82	5.42
15	5.483	49	5.27	83	5.386	15	5.292	49	5.319	83	5.481
16	5.428	50	5.641	84	5.546	16	5.568	50	5.594	84	5.383
17	5.606	51	5.32	85	5.515	17	5.506	51	5.525	85	5.273
18	5.251	52	5.299	86	5.436	18	5.602	52	5.543	86	5.388
19	5.711	53	5.691	87	5.304	19	5.724	53	5.48	87	5.665
20	5.549	54	5.667	88	5.548	20	5.477	54	5.399	88	5.546
21	5.494	55	5.612	89	5.308	21	5.488	55	5.474	89	5.253
22	5.343	56	5.505	90	5.399	22	5.705	56	5.583	90	5.619
23	5.614	57	5.29	91	5.334	23	5.414	57	5.623	91	5.395
24	5.331	58	5.295	92	5.423	24	5.548	58	5.62	92	5.475
25	5.575	59	5.675	93	5.679	25	5.537	59	5.615	93	5.28
26	5.635	60	5.49	94	5.693	26	5.417	60	5.347	94	5.366
27	5.556	61	5.653	95	5.322	27	5.658	61	5.299	95	5.447
28	5.695	62	5.704	96	5.579	28	5.509	62	5.403	96	5.354
29	5.519	63	5.629	97	5.39	29	5.718	63	5.364	97	5.289
30	5.4	64	5.265	98	5.5	30	5.301	64	5.363	98	5.27
31	5.697	65	5.286	99	5.414	31	5.465	65	5.709	99	5.302
32	5.597	66	5.473	100	5.713	32	5.401	66	5.434	100	5.719
33	5.649	67	5.567			33	5.283	67	5.265		
34	5.442	68	5.298			34	5.539	68	5.687		

5290MHZ-80MHZ BW-T6-TRIAL-15						5290MHZ-80MHZ BW-T6-TRIAL-16					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.372	35	5.328	69	5.459	1	5.523	35	5.589	69	5.266
2	5.38	36	5.335	70	5.509	2	5.307	36	5.495	70	5.588
3	5.361	37	5.324	71	5.47	3	5.393	37	5.267	71	5.386
4	5.391	38	5.469	72	5.37	4	5.716	38	5.264	72	5.621
5	5.462	39	5.521	73	5.321	5	5.325	39	5.626	73	5.253
6	5.318	40	5.692	74	5.342	6	5.441	40	5.387	74	5.563
7	5.6	41	5.437	75	5.478	7	5.61	41	5.429	75	5.51
8	5.363	42	5.52	76	5.719	8	5.681	42	5.506	76	5.714
9	5.671	43	5.398	77	5.519	9	5.6	43	5.499	77	5.292
10	5.531	44	5.539	78	5.486	10	5.695	44	5.336	78	5.49
11	5.368	45	5.383	79	5.515	11	5.539	45	5.397	79	5.72
12	5.411	46	5.31	80	5.344	12	5.272	46	5.344	80	5.312
13	5.34	47	5.593	81	5.536	13	5.303	47	5.446	81	5.607
14	5.279	48	5.564	82	5.296	14	5.577	48	5.358	82	5.379
15	5.338	49	5.66	83	5.516	15	5.269	49	5.281	83	5.361
16	5.272	50	5.416	84	5.497	16	5.452	50	5.448	84	5.504
17	5.672	51	5.677	85	5.423	17	5.485	51	5.614	85	5.36
18	5.682	52	5.609	86	5.709	18	5.572	52	5.305	86	5.654
19	5.282	53	5.641	87	5.493	19	5.461	53	5.416	87	5.569
20	5.582	54	5.679	88	5.623	20	5.668	54	5.369	88	5.585
21	5.637	55	5.506	89	5.651	21	5.481	55	5.53	89	5.488
22	5.42	56	5.597	90	5.464	22	5.687	56	5.28	90	5.657
23	5.367	57	5.528	91	5.316	23	5.295	57	5.423	91	5.558
24	5.298	58	5.336	92	5.619	24	5.555	58	5.332	92	5.33
25	5.323	59	5.595	93	5.585	25	5.433	59	5.608	93	5.641
26	5.712	60	5.297	94	5.522	26	5.688	60	5.349	94	5.278
27	5.329	61	5.458	95	5.468	27	5.702	61	5.509	95	5.571
28	5.256	62	5.438	96	5.412	28	5.456	62	5.385	96	5.44
29	5.508	63	5.482	97	5.422	29	5.271	63	5.508	97	5.479
30	5.676	64	5.454	98	5.305	30	5.395	64	5.362	98	5.412
31	5.664	65	5.653	99	5.548	31	5.368	65	5.69	99	5.601
32	5.432	66	5.581	100	5.501	32	5.492	66	5.635	100	5.442
33	5.396	67	5.576			33	5.704	67	5.313		
34	5.551	68	5.32			34	5.615	68	5.324		

5290MHZ-80MHZ BW-T6-TRIAL-17						5290MHZ-80MHZ BW-T6-TRIAL-18					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.462	35	5.271	69	5.661	1	5.718	35	5.591	69	5.485
2	5.258	36	5.619	70	5.558	2	5.697	36	5.592	70	5.394
3	5.347	37	5.369	71	5.542	3	5.534	37	5.283	71	5.385
4	5.327	38	5.426	72	5.493	4	5.362	38	5.607	72	5.61
5	5.406	39	5.466	73	5.316	5	5.521	39	5.463	73	5.434
6	5.64	40	5.488	74	5.72	6	5.253	40	5.401	74	5.551
7	5.482	41	5.616	75	5.511	7	5.307	41	5.72	75	5.595
8	5.672	42	5.391	76	5.453	8	5.706	42	5.44	76	5.366
9	5.405	43	5.429	77	5.591	9	5.632	43	5.407	77	5.531
10	5.281	44	5.342	78	5.337	10	5.555	44	5.621	78	5.558
11	5.417	45	5.427	79	5.587	11	5.6	45	5.388	79	5.256
12	5.485	46	5.294	80	5.333	12	5.338	46	5.449	80	5.615
13	5.463	47	5.278	81	5.612	13	5.39	47	5.681	81	5.386
14	5.622	48	5.379	82	5.647	14	5.333	48	5.553	82	5.653
15	5.359	49	5.472	83	5.321	15	5.267	49	5.721	83	5.481
16	5.401	50	5.572	84	5.442	16	5.258	50	5.713	84	5.643
17	5.508	51	5.609	85	5.617	17	5.354	51	5.504	85	5.508
18	5.641	52	5.723	86	5.718	18	5.436	52	5.669	86	5.568
19	5.323	53	5.301	87	5.637	19	5.667	53	5.503	87	5.559
20	5.497	54	5.626	88	5.399	20	5.687	54	5.567	88	5.349
21	5.334	55	5.257	89	5.504	21	5.377	55	5.423	89	5.412
22	5.71	56	5.363	90	5.344	22	5.334	56	5.711	90	5.445
23	5.638	57	5.319	91	5.499	23	5.341	57	5.319	91	5.689
24	5.496	58	5.67	92	5.39	24	5.584	58	5.517	92	5.495
25	5.674	59	5.62	93	5.665	25	5.642	59	5.707	93	5.294
26	5.292	60	5.669	94	5.533	26	5.337	60	5.585	94	5.391
27	5.303	61	5.43	95	5.447	27	5.387	61	5.309	95	5.665
28	5.313	62	5.515	96	5.553	28	5.666	62	5.708	96	5.368
29	5.614	63	5.585	97	5.681	29	5.724	63	5.598	97	5.356
30	5.448	64	5.253	98	5.601	30	5.451	64	5.566	98	5.52
31	5.33	65	5.469	99	5.41	31	5.38	65	5.529	99	5.32
32	5.498	66	5.677	100	5.629	32	5.276	66	5.339	100	5.723
33	5.441	67	5.562			33	5.691	67	5.57		
34	5.374	68	5.351			34	5.562	68	5.636		

5290MHZ-80MHZ BW-T6-TRIAL-19						5290MHZ-80MHZ BW-T6-TRIAL-20					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.627	35	5.425	69	5.392	1	5.713	35	5.361	69	5.415
2	5.607	36	5.374	70	5.431	2	5.698	36	5.462	70	5.661
3	5.256	37	5.619	71	5.5	3	5.414	37	5.658	71	5.543
4	5.644	38	5.461	72	5.42	4	5.495	38	5.333	72	5.566
5	5.296	39	5.673	73	5.657	5	5.671	39	5.378	73	5.601
6	5.265	40	5.44	74	5.531	6	5.37	40	5.425	74	5.625
7	5.653	41	5.26	75	5.713	7	5.257	41	5.711	75	5.335
8	5.567	42	5.28	76	5.318	8	5.538	42	5.629	76	5.339
9	5.558	43	5.368	77	5.255	9	5.337	43	5.689	77	5.704
10	5.535	44	5.571	78	5.438	10	5.306	44	5.618	78	5.386
11	5.319	45	5.346	79	5.442	11	5.574	45	5.372	79	5.553
12	5.521	46	5.381	80	5.405	12	5.391	46	5.594	80	5.654
13	5.615	47	5.698	81	5.723	13	5.29	47	5.549	81	5.394
14	5.672	48	5.498	82	5.283	14	5.529	48	5.494	82	5.506
15	5.412	49	5.695	83	5.634	15	5.352	49	5.303	83	5.452
16	5.58	50	5.263	84	5.681	16	5.487	50	5.357	84	5.633
17	5.537	51	5.678	85	5.47	17	5.677	51	5.319	85	5.276
18	5.403	52	5.505	86	5.314	18	5.397	52	5.581	86	5.703
19	5.455	53	5.391	87	5.621	19	5.497	53	5.26	87	5.451
20	5.553	54	5.685	88	5.466	20	5.263	54	5.509	88	5.262
21	5.351	55	5.684	89	5.575	21	5.365	55	5.691	89	5.682
22	5.603	56	5.526	90	5.331	22	5.598	56	5.657	90	5.57
23	5.272	57	5.507	91	5.473	23	5.359	57	5.3	91	5.719
24	5.6	58	5.699	92	5.355	24	5.606	58	5.447	92	5.686
25	5.636	59	5.647	93	5.424	25	5.684	59	5.679	93	5.49
26	5.371	60	5.703	94	5.585	26	5.545	60	5.438	94	5.389
27	5.358	61	5.273	95	5.69	27	5.278	61	5.576	95	5.532
28	5.601	62	5.335	96	5.382	28	5.321	62	5.623	96	5.593
29	5.349	63	5.544	97	5.284	29	5.31	63	5.572	97	5.491
30	5.527	64	5.62	98	5.495	30	5.377	64	5.38	98	5.42
31	5.337	65	5.65	99	5.67	31	5.273	65	5.612	99	5.4
32	5.72	66	5.369	100	5.503	32	5.666	66	5.525	100	5.381
33	5.605	67	5.475			33	5.458	67	5.297		
34	5.379	68	5.576			34	5.266	68	5.301		

5290MHZ-80MHZ BW-T6-TRIAL-21						5290MHZ-80MHZ BW-T6-TRIAL-22					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.342	35	5.619	69	5.425	1	5.481	35	5.598	69	5.251
2	5.466	36	5.668	70	5.515	2	5.318	36	5.396	70	5.622
3	5.551	37	5.624	71	5.256	3	5.533	37	5.658	71	5.676
4	5.314	38	5.434	72	5.709	4	5.644	38	5.5	72	5.402
5	5.392	39	5.402	73	5.384	5	5.499	39	5.413	73	5.617
6	5.353	40	5.57	74	5.461	6	5.38	40	5.34	74	5.466
7	5.651	41	5.66	75	5.561	7	5.27	41	5.351	75	5.498
8	5.403	42	5.484	76	5.669	8	5.438	42	5.58	76	5.582
9	5.676	43	5.506	77	5.618	9	5.446	43	5.325	77	5.714
10	5.665	44	5.324	78	5.258	10	5.25	44	5.283	78	5.699
11	5.309	45	5.502	79	5.339	11	5.647	45	5.722	79	5.284
12	5.563	46	5.257	80	5.452	12	5.315	46	5.312	80	5.379
13	5.661	47	5.344	81	5.493	13	5.641	47	5.516	81	5.484
14	5.376	48	5.611	82	5.381	14	5.57	48	5.638	82	5.515
15	5.456	49	5.387	83	5.277	15	5.387	49	5.636	83	5.4
16	5.513	50	5.536	84	5.707	16	5.686	50	5.508	84	5.669
17	5.259	51	5.715	85	5.578	17	5.412	51	5.42	85	5.28
18	5.302	52	5.705	86	5.641	18	5.313	52	5.442	86	5.69
19	5.304	53	5.458	87	5.503	19	5.417	53	5.601	87	5.586
20	5.497	54	5.355	88	5.626	20	5.692	54	5.374	88	5.672
21	5.533	55	5.538	89	5.59	21	5.525	55	5.319	89	5.577
22	5.335	56	5.667	90	5.537	22	5.255	56	5.593	90	5.472
23	5.643	57	5.522	91	5.287	23	5.449	57	5.407	91	5.548
24	5.616	58	5.365	92	5.547	24	5.435	58	5.618	92	5.552
25	5.494	59	5.432	93	5.412	25	5.386	59	5.372	93	5.691
26	5.37	60	5.717	94	5.46	26	5.254	60	5.451	94	5.6
27	5.406	61	5.55	95	5.449	27	5.713	61	5.376	95	5.418
28	5.285	62	5.441	96	5.565	28	5.33	62	5.373	96	5.706
29	5.301	63	5.253	97	5.695	29	5.382	63	5.531	97	5.65
30	5.548	64	5.557	98	5.397	30	5.555	64	5.681	98	5.575
31	5.318	65	5.438	99	5.509	31	5.273	65	5.62	99	5.585
32	5.489	66	5.706	100	5.345	32	5.678	66	5.431	100	5.634
33	5.593	67	5.534			33	5.287	67	5.363		
34	5.527	68	5.33			34	5.661	68	5.428		

5290MHZ-80MHZ BW-T6-TRIAL-23						5290MHZ-80MHZ BW-T6-TRIAL-24					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.709	35	5.604	69	5.649	1	5.661	35	5.26	69	5.332
2	5.436	36	5.669	70	5.343	2	5.461	36	5.25	70	5.552
3	5.371	37	5.279	71	5.438	3	5.447	37	5.326	71	5.526
4	5.261	38	5.684	72	5.334	4	5.72	38	5.449	72	5.382
5	5.348	39	5.353	73	5.477	5	5.372	39	5.339	73	5.71
6	5.657	40	5.449	74	5.565	6	5.636	40	5.481	74	5.583
7	5.466	41	5.529	75	5.503	7	5.596	41	5.472	75	5.639
8	5.602	42	5.636	76	5.689	8	5.589	42	5.708	76	5.261
9	5.498	43	5.543	77	5.3	9	5.579	43	5.611	77	5.613
10	5.485	44	5.364	78	5.623	10	5.346	44	5.704	78	5.313
11	5.27	45	5.628	79	5.686	11	5.68	45	5.352	79	5.656
12	5.363	46	5.511	80	5.413	12	5.433	46	5.281	80	5.413
13	5.439	47	5.346	81	5.422	13	5.504	47	5.485	81	5.519
14	5.431	48	5.626	82	5.683	14	5.395	48	5.42	82	5.616
15	5.707	49	5.723	83	5.67	15	5.559	49	5.521	83	5.409
16	5.642	50	5.479	84	5.313	16	5.563	50	5.681	84	5.644
17	5.59	51	5.418	85	5.344	17	5.374	51	5.687	85	5.301
18	5.44	52	5.563	86	5.571	18	5.642	52	5.404	86	5.432
19	5.384	53	5.411	87	5.554	19	5.338	53	5.312	87	5.415
20	5.404	54	5.327	88	5.336	20	5.492	54	5.709	88	5.694
21	5.426	55	5.338	89	5.499	21	5.529	55	5.258	89	5.693
22	5.362	56	5.39	90	5.525	22	5.284	56	5.637	90	5.549
23	5.448	57	5.637	91	5.661	23	5.543	57	5.697	91	5.719
24	5.538	58	5.286	92	5.622	24	5.422	58	5.252	92	5.371
25	5.482	59	5.7	93	5.378	25	5.564	59	5.316	93	5.647
26	5.366	60	5.296	94	5.542	26	5.471	60	5.524	94	5.679
27	5.329	61	5.293	95	5.62	27	5.493	61	5.399	95	5.578
28	5.682	62	5.613	96	5.4	28	5.435	62	5.28	96	5.462
29	5.408	63	5.716	97	5.401	29	5.331	63	5.386	97	5.575
30	5.488	64	5.263	98	5.72	30	5.547	64	5.362	98	5.337
31	5.658	65	5.412	99	5.455	31	5.488	65	5.291	99	5.586
32	5.406	66	5.587	100	5.53	32	5.269	66	5.643	100	5.522
33	5.309	67	5.698			33	5.378	67	5.307		
34	5.564	68	5.719			34	5.512	68	5.5		

5290MHZ-80MHZ BW-T6-TRIAL-25						5290MHZ-80MHZ BW-T6-TRIAL-26					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.371	35	5.702	69	5.445	1	5.45	35	5.41	69	5.262
2	5.571	36	5.553	70	5.583	2	5.379	36	5.527	70	5.721
3	5.317	37	5.613	71	5.312	3	5.67	37	5.485	71	5.31
4	5.592	38	5.674	72	5.361	4	5.459	38	5.626	72	5.684
5	5.422	39	5.616	73	5.65	5	5.316	39	5.405	73	5.622
6	5.677	40	5.657	74	5.721	6	5.477	40	5.653	74	5.688
7	5.471	41	5.658	75	5.411	7	5.391	41	5.352	75	5.294
8	5.68	42	5.665	76	5.601	8	5.563	42	5.283	76	5.513
9	5.585	43	5.49	77	5.404	9	5.453	43	5.514	77	5.648
10	5.682	44	5.359	78	5.551	10	5.451	44	5.678	78	5.389
11	5.72	45	5.288	79	5.274	11	5.703	45	5.632	79	5.642
12	5.608	46	5.501	80	5.398	12	5.623	46	5.646	80	5.501
13	5.374	47	5.537	81	5.555	13	5.697	47	5.497	81	5.335
14	5.596	48	5.619	82	5.44	14	5.629	48	5.524	82	5.305
15	5.446	49	5.588	83	5.429	15	5.718	49	5.5	83	5.6
16	5.531	50	5.313	84	5.464	16	5.494	50	5.511	84	5.633
17	5.335	51	5.635	85	5.432	17	5.503	51	5.478	85	5.68
18	5.302	52	5.655	86	5.379	18	5.396	52	5.264	86	5.638
19	5.604	53	5.663	87	5.633	19	5.574	53	5.415	87	5.57
20	5.283	54	5.617	88	5.561	20	5.661	54	5.338	88	5.586
21	5.656	55	5.704	89	5.367	21	5.713	55	5.298	89	5.325
22	5.486	56	5.366	90	5.688	22	5.537	56	5.372	90	5.393
23	5.322	57	5.407	91	5.678	23	5.495	57	5.677	91	5.639
24	5.393	58	5.56	92	5.599	24	5.436	58	5.284	92	5.547
25	5.368	59	5.309	93	5.458	25	5.652	59	5.296	93	5.528
26	5.434	60	5.654	94	5.453	26	5.411	60	5.654	94	5.413
27	5.369	61	5.441	95	5.31	27	5.37	61	5.402	95	5.269
28	5.261	62	5.51	96	5.372	28	5.461	62	5.552	96	5.714
29	5.645	63	5.418	97	5.577	29	5.414	63	5.251	97	5.455
30	5.652	64	5.712	98	5.347	30	5.387	64	5.348	98	5.636
31	5.436	65	5.4	99	5.706	31	5.381	65	5.548	99	5.339
32	5.717	66	5.424	100	5.643	32	5.309	66	5.562	100	5.541
33	5.575	67	5.352			33	5.607	67	5.669		
34	5.696	68	5.52			34	5.591	68	5.518		

5290MHZ-80MHZ BW-T6-TRIAL-27						5290MHZ-80MHZ BW-T6-TRIAL-28					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.539	35	5.259	69	5.573	1	5.594	35	5.715	69	5.421
2	5.505	36	5.557	70	5.379	2	5.505	36	5.496	70	5.268
3	5.495	37	5.432	71	5.272	3	5.61	37	5.354	71	5.381
4	5.526	38	5.71	72	5.396	4	5.637	38	5.634	72	5.652
5	5.552	39	5.344	73	5.449	5	5.588	39	5.412	73	5.553
6	5.353	40	5.647	74	5.347	6	5.499	40	5.361	74	5.372
7	5.712	41	5.534	75	5.401	7	5.356	41	5.506	75	5.434
8	5.59	42	5.581	76	5.392	8	5.717	42	5.563	76	5.398
9	5.284	43	5.696	77	5.294	9	5.373	43	5.476	77	5.371
10	5.425	44	5.704	78	5.657	10	5.403	44	5.65	78	5.391
11	5.289	45	5.571	79	5.365	11	5.578	45	5.342	79	5.397
12	5.721	46	5.529	80	5.331	12	5.667	46	5.41	80	5.489
13	5.341	47	5.38	81	5.31	13	5.34	47	5.396	81	5.345
14	5.255	48	5.568	82	5.315	14	5.531	48	5.657	82	5.487
15	5.533	49	5.668	83	5.693	15	5.716	49	5.327	83	5.326
16	5.464	50	5.335	84	5.437	16	5.474	50	5.353	84	5.347
17	5.295	51	5.615	85	5.498	17	5.706	51	5.355	85	5.687
18	5.567	52	5.456	86	5.717	18	5.349	52	5.684	86	5.72
19	5.678	53	5.463	87	5.51	19	5.565	53	5.515	87	5.493
20	5.5	54	5.459	88	5.264	20	5.467	54	5.46	88	5.491
21	5.558	55	5.346	89	5.262	21	5.649	55	5.646	89	5.346
22	5.618	56	5.484	90	5.656	22	5.504	56	5.697	90	5.718
23	5.26	57	5.403	91	5.695	23	5.463	57	5.64	91	5.265
24	5.566	58	5.689	92	5.391	24	5.532	58	5.451	92	5.662
25	5.407	59	5.265	93	5.418	25	5.283	59	5.364	93	5.589
26	5.29	60	5.275	94	5.394	26	5.577	60	5.336	94	5.312
27	5.576	61	5.349	95	5.435	27	5.549	61	5.394	95	5.689
28	5.27	62	5.479	96	5.542	28	5.62	62	5.591	96	5.301
29	5.334	63	5.434	97	5.252	29	5.322	63	5.471	97	5.429
30	5.723	64	5.662	98	5.627	30	5.385	64	5.69	98	5.597
31	5.652	65	5.329	99	5.429	31	5.368	65	5.58	99	5.609
32	5.441	66	5.47	100	5.536	32	5.432	66	5.702	100	5.599
33	5.716	67	5.306			33	5.422	67	5.643		
34	5.387	68	5.286			34	5.338	68	5.567		

5290MHZ-80MHZ BW-T6-TRIAL-29						5290MHZ-80MHZ BW-T6-TRIAL-30					
Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)	Hop #	Freq. (GHz)
1	5.69	35	5.667	69	5.372	1	5.535	35	5.583	69	5.316
2	5.507	36	5.527	70	5.713	2	5.435	36	5.593	70	5.624
3	5.382	37	5.495	71	5.651	3	5.475	37	5.631	71	5.297
4	5.694	38	5.646	72	5.519	4	5.468	38	5.5	72	5.456
5	5.463	39	5.704	73	5.284	5	5.499	39	5.36	73	5.444
6	5.579	40	5.258	74	5.389	6	5.293	40	5.37	74	5.265
7	5.594	41	5.298	75	5.711	7	5.436	41	5.663	75	5.629
8	5.497	42	5.313	76	5.449	8	5.268	42	5.571	76	5.711
9	5.574	43	5.637	77	5.29	9	5.518	43	5.347	77	5.541
10	5.542	44	5.323	78	5.331	10	5.589	44	5.586	78	5.667
11	5.716	45	5.552	79	5.501	11	5.304	45	5.256	79	5.521
12	5.321	46	5.411	80	5.679	12	5.426	46	5.313	80	5.587
13	5.658	47	5.36	81	5.299	13	5.333	47	5.464	81	5.657
14	5.506	48	5.414	82	5.547	14	5.714	48	5.437	82	5.301
15	5.674	49	5.516	83	5.609	15	5.531	49	5.269	83	5.38
16	5.406	50	5.714	84	5.364	16	5.598	50	5.65	84	5.254
17	5.58	51	5.555	85	5.621	17	5.672	51	5.46	85	5.335
18	5.453	52	5.329	86	5.292	18	5.671	52	5.516	86	5.411
19	5.603	53	5.252	87	5.639	19	5.595	53	5.396	87	5.375
20	5.51	54	5.433	88	5.37	20	5.45	54	5.709	88	5.6
21	5.275	55	5.612	89	5.701	21	5.625	55	5.427	89	5.662
22	5.649	56	5.61	90	5.695	22	5.604	56	5.556	90	5.559
23	5.322	57	5.623	91	5.53	23	5.263	57	5.698	91	5.349
24	5.366	58	5.307	92	5.445	24	5.322	58	5.366	92	5.391
25	5.71	59	5.339	93	5.333	25	5.358	59	5.57	93	5.307
26	5.441	60	5.316	94	5.647	26	5.337	60	5.71	94	5.557
27	5.598	61	5.703	95	5.509	27	5.509	61	5.53	95	5.628
28	5.613	62	5.548	96	5.561	28	5.562	62	5.462	96	5.609
29	5.692	63	5.393	97	5.62	29	5.565	63	5.343	97	5.514
30	5.685	64	5.584	98	5.312	30	5.708	64	5.639	98	5.364
31	5.334	65	5.256	99	5.296	31	5.283	65	5.438	99	5.618
32	5.282	66	5.267	100	5.715	32	5.473	66	5.722	100	5.321
33	5.521	67	5.681			33	5.472	67	5.323		
34	5.517	68	5.502			34	5.28	68	5.55		

END OF REPORT