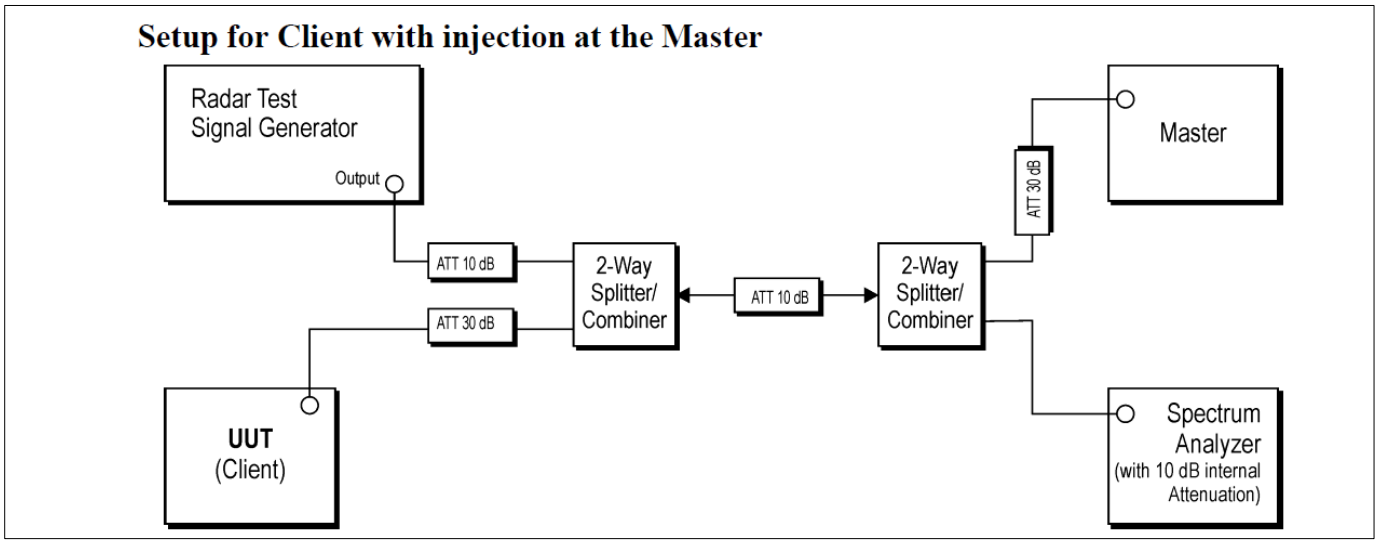
7.4 Dynamic Frequency Selection (DFS)

Result ***Pass***

Test Specification	15.407 (h) / RSS 247 Issue 3 Section 6.3
Test Method	FCC KDB Publication 905462 D02 & 905462 D03
Port of testing	Conducted method
UUT Type	Master
Requirement	1. Transmit power control (TPC). U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW 2. Radar Detection Function of Dynamic Frequency Selection (DFS). U-NII devices operating with any part of its 26 dB emission bandwidth in the 5.25-5.35 GHz and 5.47-5.725 GHz bands shall employ a DFS radar detection mechanism to detect the presence of radar systems and to avoid co-channel operation with radar systems. Operators shall only use equipment with a DFS mechanism that is turned on when operating in these bands

Test Setup :



Limits :

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

Applicability of DFS requirements during normal operation

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

The operational behavior and individual DFS requirements that are associated with these modes are as follows: as per **KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02**

Additional requirements for devices 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 available	Test 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 channels and the channel center frequency.		

5.1.1 Master Devices

a) The *Master Device* will use DFS in order to detect *Radar Waveforms* with received signal strength above the *DFS Detection Threshold* in the 5250 – 5350 MHz and 5470 – 5725 MHz bands. DFS is not required in the 5150 – 5250 MHz or 5725 – 5825 MHz bands.

b) Before initiating a network on a *Channel*, the *Master Device* will perform a *Channel Availability Check* for a specified time duration (*Channel Availability Check Time*) to ensure that there is no radar system operating on the *Channel*, using DFS described under subsection a) above.

c) The *Master Device* initiates a U-NII network by transmitting control signals that will enable other U-NII devices to *Associate* with the *Master Device*.

d) During normal operation, the *Master Device* will monitor the *Channel (In-Service Monitoring)* to ensure that there is no radar system operating on the *Channel*, using DFS described under a).

e) If the *Master Device* has detected a *Radar Waveform* during *In-Service Monitoring* as described under d), the *Operating Channel* of the U-NII network is no longer an *Available Channel*. The *Master Device* will instruct all associated *Client Device(s)* to stop transmitting on this *Channel* within the *Channel Move Time*. The transmissions during the *Channel Move Time* will be limited to the *Channel Closing Transmission Time*.

f) Once the *Master Device* has detected a *Radar Waveform* it will not utilize the *Channel* for the duration of the *Non-Occupancy Period*.[3]

g) If the *Master Device* delegates the *In-Service Monitoring* to a *Client Device*, then the combination will be tested to the requirements described under d) through f) above.

DFS Detection Thresholds

below provides the *DFS Detection Thresholds* for *Master Devices* as well as *Client Devices* incorporating *In-Service Monitoring*.

DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Maximum Transmit Power	**Value (See Notes 1, 2, and 3)**
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the 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. **Note3:** EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

Response Requirements

provides the response requirements for *Master* and *Client Devices* incorporating DFS.

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 Time* should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. **Note 2:** The *Channel Closing Transmission Time* is comprised of 200 milliseconds starting at the beginning of the *Channel Move Time* plus any additional intermittent control signals required to facilitate a *Channel* move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. **Note 3:** During the *U-NII Detection Bandwidth* detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

Note :

1. This UUT is classified as Master devic capabilities, hence Channel availability check time, Non Occupancy period (*Channel Move Time* and *Channel Closing Transmission Time), Detection bandwidth and Statistical performance check* are applicable.

Test Condition:

Normal Test Condition:

Temperature (Norm) = + 22.6 °C Voltage = 56VDC through POE Injector Relative humidity: 62 %

KDB Guidelines applied:

Measurements were made following the guidelines of *905462 D02 UNII DFS Compliance.*

7.4.1 DFS Channel Availability check time

Test results:

Modulation 802.11ac VHT80

Measurement Summary

DUT Frequency (MHz)	Radar Waveform Filename used	CAC Type	Overall Result
5530.000000	FCC15407_2014-Type0-18.wv	Begin of CAC Phase	PASS
5530.000000	FCC15407_2014-Type0-18.wv	End of CAC Phase	PASS

Measurement Detailed Results

DUT Frequency (MHz)	Radar Type No.	CAC Type	Measured Startup time (s)
5530.000000	0	Begin of CAC Phase	167.123
5530.000000	0	Begin of CAC Phase	167.123
5530.000000	0	End of CAC Phase	167.123
5530.000000	0	End of CAC Phase	167.123

(continuation of the "Measurement Detailed Results" table from column 5 ...)

DUT Frequency (MHz)	Kind of Measurement	Time of Tx Start (s)	Limit (s)	Result
5530.000000	Before Radar Injection	0.000	0.00	PASS
5530.000000	After Radar Injection	>150.0	>150.0	PASS
5530.000000	Before Radar Injection	0.000	0.00	PASS
5530.000000	After Radar Injection	>150.0	>150.0	PASS

Radar Pulse verification Summary

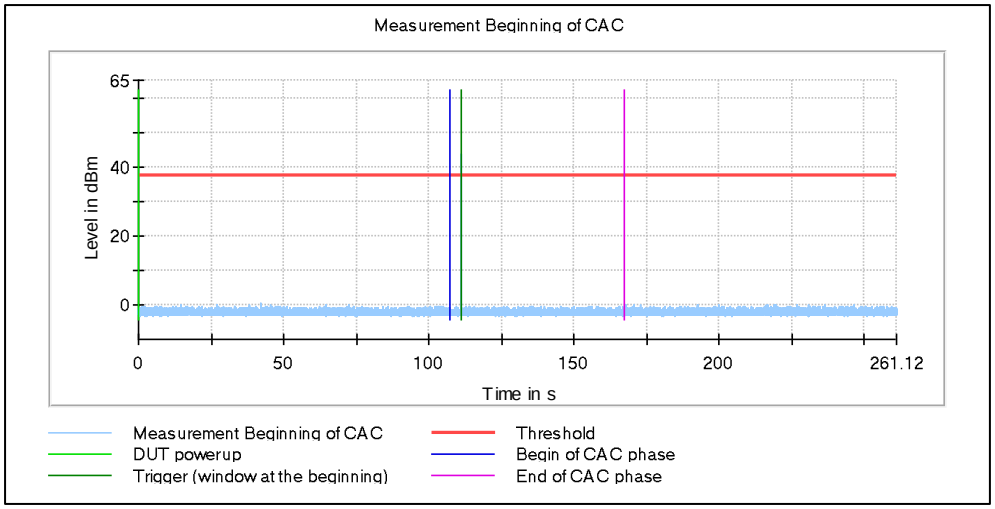
Radar Type No.	No. of Pulses	Required No. of Pulses	Min. Pulsewidth (µs)	Max. Pulsewidth (µs)	Required Pulsewidth (µs)	Measured Min. PRI (µs)
0	18	18	0.900	1.000	1.000	1427.900
0	18	18	0.900	1.000	1.000	1427.900

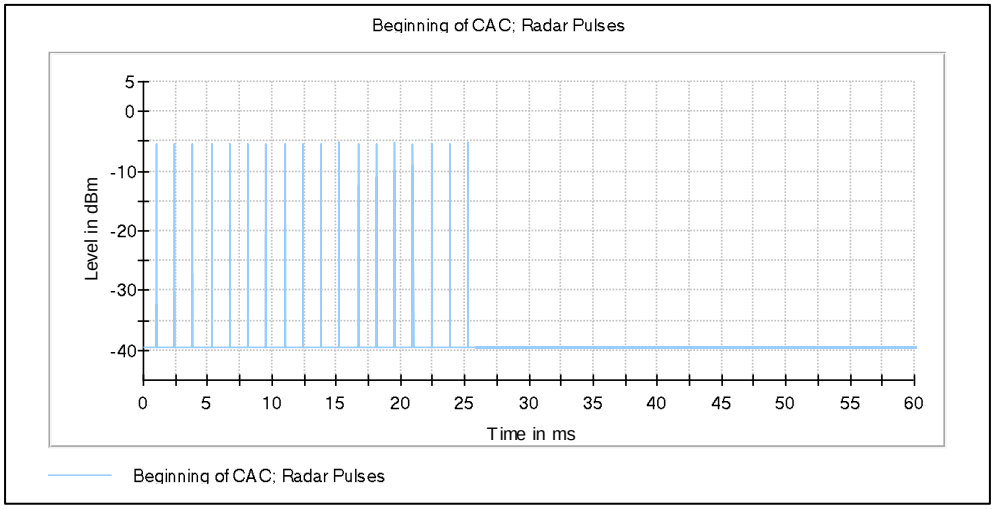
Radar Pulse verification detail (Begin of CAC Phase)

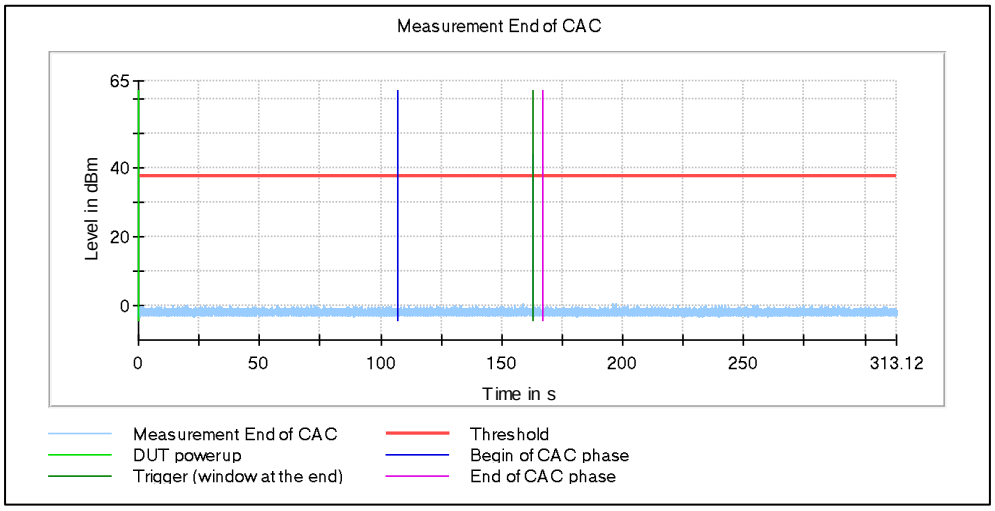
Radar Type No.	Pulse No.	Pulsewidth (µs)	Required Pulsewidth (µs)
0	1	0.900	1.000
0	2	0.900	1.000
0	3	0.900	1.000
0	4	0.900	1.000
0	5	1.000	1.000
0	6	0.900	1.000
0	7	0.900	1.000
0	8	0.900	1.000
0	9	1.000	1.000
0	10	0.900	1.000
0	11	0.900	1.000
0	12	1.000	1.000
0	13	0.900	1.000
0	14	0.900	1.000
0	15	1.000	1.000
0	16	1.000	1.000
0	17	0.900	1.000
0	18	0.900	1.000

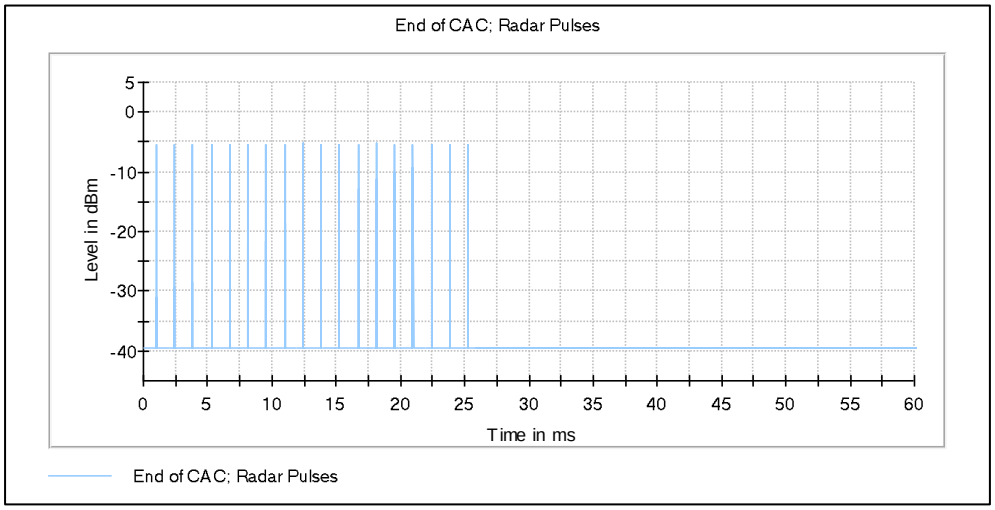
Radar Pulse verification detail (End of CAC Phase)

Radar Type No.	Pulse No.	Pulsewidth (µs)	Required Pulsewidth (µs)
0	1	1.000	1.000
0	2	0.900	1.000
0	3	0.900	1.000
0	4	1.000	1.000
0	5	1.000	1.000
0	6	0.900	1.000
0	7	0.900	1.000
0	8	1.000	1.000
0	9	1.000	1.000
0	10	0.900	1.000
0	11	0.900	1.000
0	12	1.000	1.000
0	13	0.900	1.000
0	14	0.900	1.000
0	15	0.900	1.000
0	16	1.000	1.000
0	17	0.900	1.000
0	18	0.900	1.000






Measurement End of CAC
Level in dBm
65
40
20
0
0
50
100
150
200
250
313.12
Time in s
Measurement End of CAC
DUT powerup
Trigger (window at the end)
Threshold
Begin of CAC phase
End of CAC phase


End of CAC; Radar Pulses
Level in dBm
5
0
-10
-20
-30
-40
0
5
10
15
20
25
30
35
40
45
50
55
60
Time in ms
End of CAC; Radar Pulses

7.4.2 DFS Inservice Monitoring / Non-Occupancy Period

Test Results:

Modulation 802.11ac VHT80

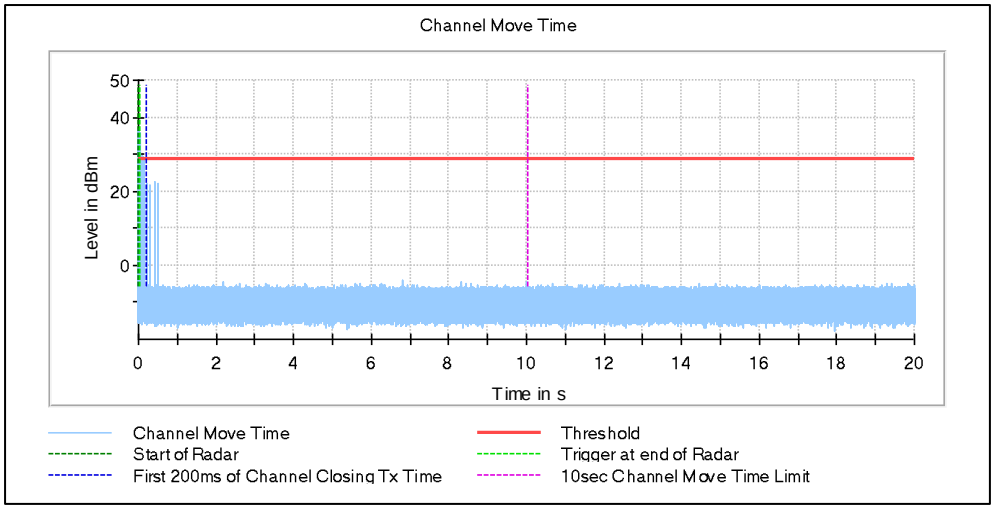
Measurement Summary

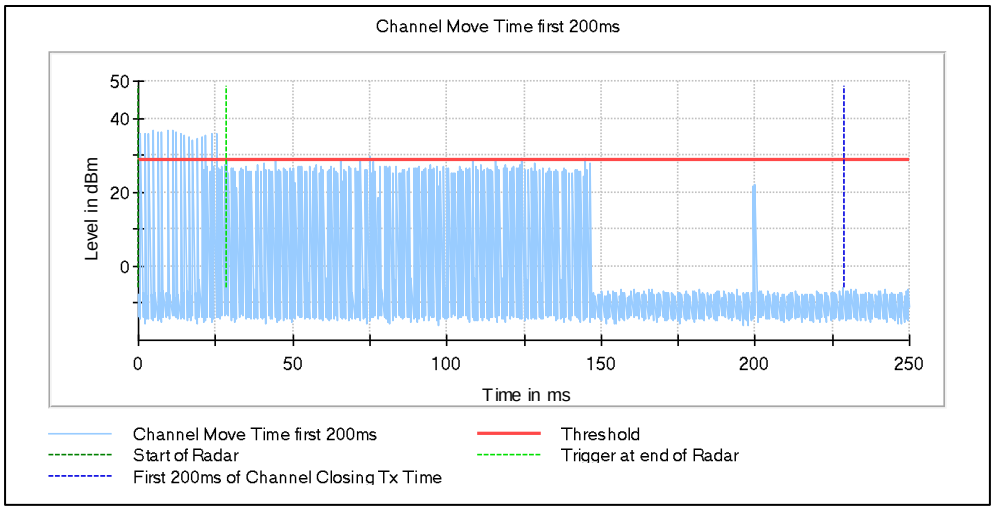
DUT Frequency (MHz)	Radar Type No.	Type of Measurement value	Overall Result
5530.000000	0	First of all Transmitt Test	---
5530.000000	0	Channel Move Time	PASS
5530.000000	0	Channel Closing Transmission Time	PASS
5530.000000	0	Non-occupancy period	PASS

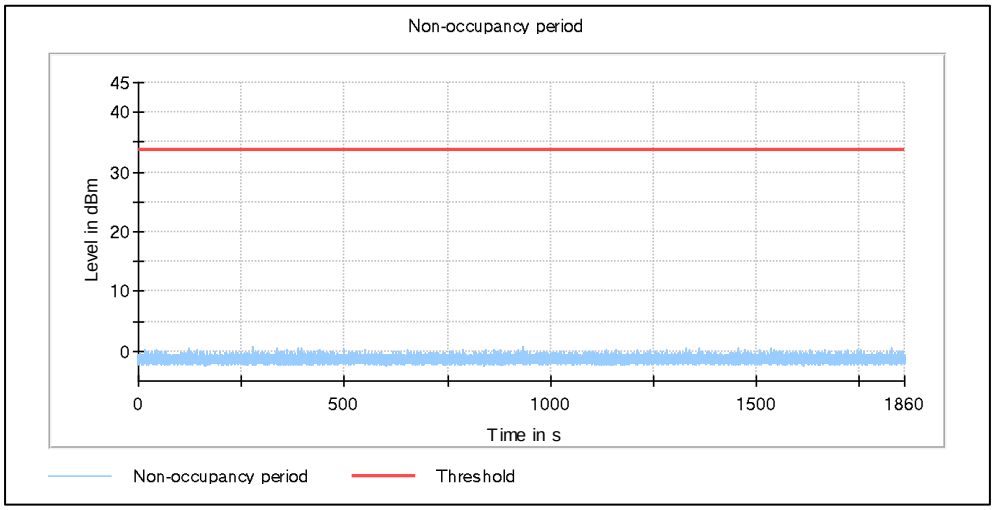
Channel Move Time Detailed Result

DUT Frequency (MHz)	Radar Type No.	CMT Tx Time (s)	CMT Limit (s)	CMT Result
5530.000000	0	0.734	10.000	PASS

DUT Frequency (MHz)	Radar Type No.	CCTT Type of Value	CCTT No. of Pulses found	CCTT Tx Time (ms)
5530.000000	0	first 200 ms	4	0.032
5530.000000	0	remaining 10.0 second(s) period	6	3.021






Non-occupancy period
45
40
30
20
10
0
Level in dBm
0
500
1000
1500
1860
Time in s
Non-occupancy period
Threshold

7.4.3 DFS Detection Bandwidth

Test Results:

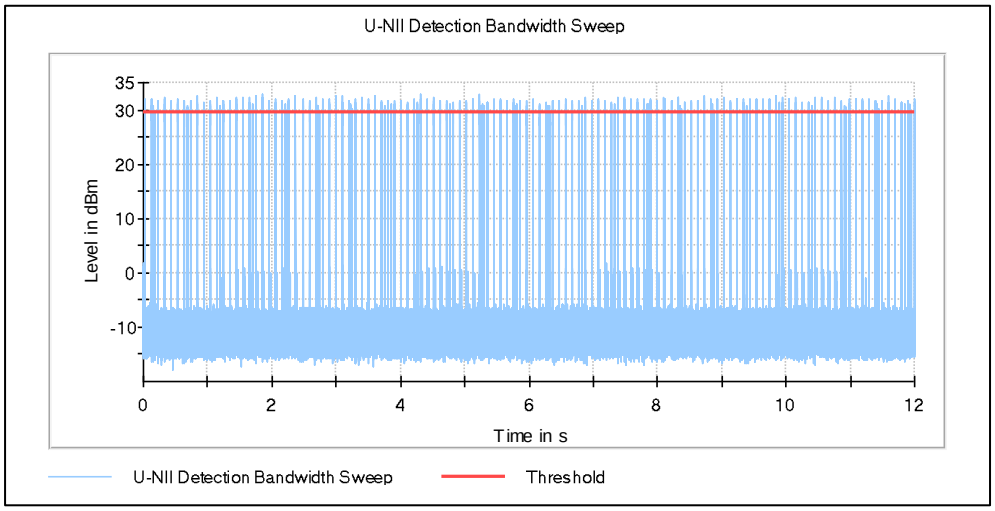
Modulation: 802.11ac VHT20MHz

Measurement Summary

DUT Frequency (MHz)	Radar Type No.	Measured Detection Bandwidth (MHz)	99% Transmission power Bandwidth (MHz)	Overall Result
5500.000000	0	20.000000	18.600000	PASS

Detection Bandwidth Detailed Results

Check Frequency (MHz)	Detection count	Percentage of Detection	Minimum Limit	Single Measurement Result	Single Measurement Comment
5485.000000	0 of 10	0 %	90%	FAIL	
5489.000000	0 of 10	0 %	90%	FAIL	
5490.000000	10 of 10	100 %	90%	PASS	Lower Limit
5495.000000	10 of 10	100 %	90%	PASS	
5500.000000	10 of 10	100 %	90%	PASS	
5505.000000	10 of 10	100 %	90%	PASS	
5510.000000	10 of 10	100 %	90%	PASS	Upper Limit
5511.000000	0 of 10	0 %	90%	FAIL	
5515.000000	0 of 10	0 %	90%	FAIL	



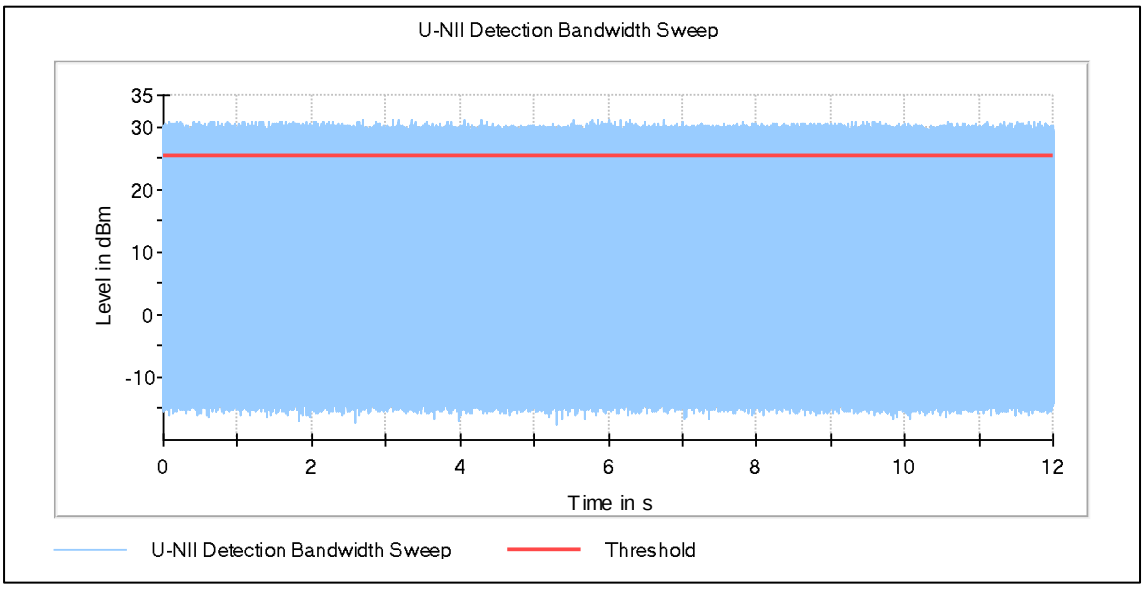
Modulation: 802.11ac VHT40MHz

Measurement Summary

DUT Frequency (MHz)	Radar Type No.	Measured Detection Bandwidth (MHz)	99% Transmission power Bandwidth (MHz)	Overall Result
5510.000000	0	40.000000	36.750000	PASS

Detection Bandwidth Detailed Results

Check Frequency (MHz)	Detection count	Percentage of Detection	Minimum Limit	Single Measurement Result	Single Measurement Comment
5485.000000	1 of 10	10 %	90%	FAIL	
5489.000000	0 of 10	0 %	90%	FAIL	
5490.000000	10 of 10	100 %	90%	PASS	Lower Limit
5495.000000	10 of 10	100 %	90%	PASS	
5500.000000	10 of 10	100 %	90%	PASS	
5505.000000	10 of 10	100 %	90%	PASS	
5510.000000	10 of 10	100 %	90%	PASS	
5515.000000	10 of 10	100 %	90%	PASS	
5520.000000	10 of 10	100 %	90%	PASS	
5525.000000	10 of 10	100 %	90%	PASS	
5530.000000	10 of 10	100 %	90%	PASS	Upper Limit
5531.000000	0 of 10	0 %	90%	FAIL	
5535.000000	0 of 10	0 %	90%	FAIL	



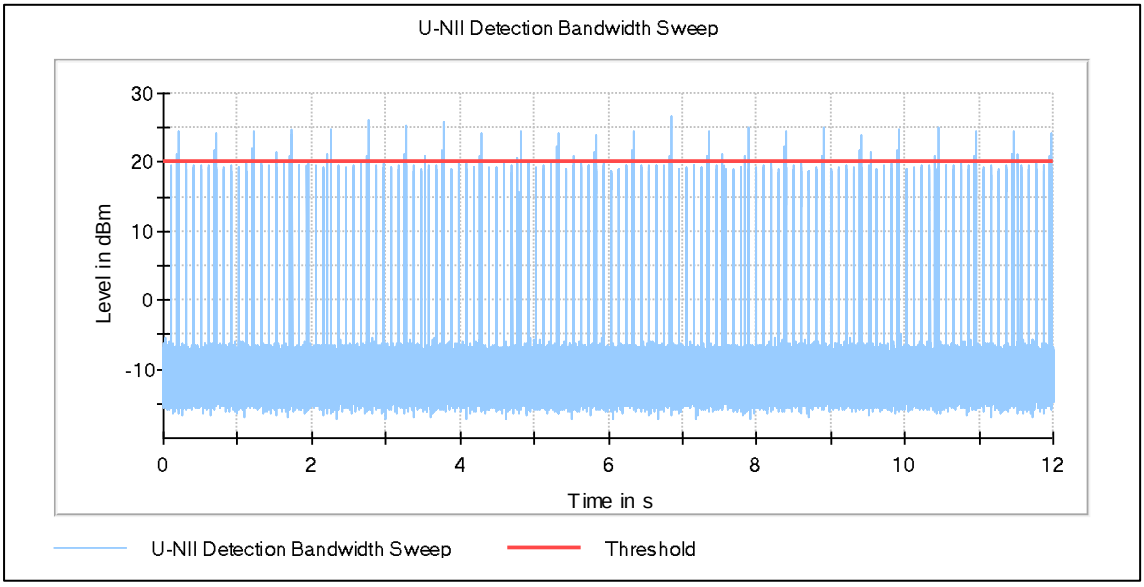
Modulation: 802.11ac VHT80MHz

Measurement Summary

DUT Frequency (MHz)	Radar Type No.	Measured Detection Bandwidth (MHz)	99% Transmission power Bandwidth (MHz)	Overall Result
5530.000000	0	80.000000	75.500000	PASS

Detection Bandwidth Detailed Results

Check Frequency (MHz)	Detection count	Percentage of Detection	Minimum Limit	Single Measurement Result	Single Measurement Comment
5485.000000	1 of 10	10 %	90%	FAIL	
5489.000000	0 of 10	0 %	90%	FAIL	
5490.000000	10 of 10	100 %	90%	PASS	Lower Limit
5495.000000	10 of 10	100 %	90%	PASS	
5500.000000	10 of 10	100 %	90%	PASS	
5505.000000	10 of 10	100 %	90%	PASS	
5510.000000	10 of 10	100 %	90%	PASS	
5515.000000	10 of 10	100 %	90%	PASS	
5520.000000	10 of 10	100 %	90%	PASS	
5525.000000	10 of 10	100 %	90%	PASS	
5530.000000	10 of 10	100 %	90%	PASS	
5535.000000	10 of 10	100 %	90%	PASS	
5540.000000	10 of 10	100 %	90%	PASS	
5545.000000	10 of 10	100 %	90%	PASS	
5550.000000	10 of 10	100 %	90%	PASS	
5555.000000	10 of 10	100 %	90%	PASS	
5560.000000	10 of 10	100 %	90%	PASS	
5565.000000	10 of 10	100 %	90%	PASS	
5570.000000	10 of 10	100 %	90%	PASS	Upper Limit
5571.000000	0 of 10	0 %	90%	FAIL	
5575.000000	0 of 10	0 %	90%	FAIL	



7.4.4 Statistical Performace Check

Test Results:

Modulation: 802.11ac VHT-20MHz

Measurement Summary

DUT Frequency (MHz)	Radar Type No.	Detection count	Percentage of Detection Px	Detection Limit	Overall Result
5500.000000	1	29 of 30	96.67%	60.0 %	PASS
5500.000000	2	30 of 30	100.00%	60.0 %	PASS
5500.000000	3	30 of 30	100.00%	60.0 %	PASS
5500.000000	4	30 of 30	100.00%	60.0 %	PASS
5500.000000	5	28 of 30	93.33%	80.0 %	PASS
5500.000000	6	30 of 30	100.00%	70.0 %	PASS

Aggregate Results for Short Pulse Radar Type 1-4

Aggregate Calculation as follows	Aggregate Percentage	Aggregate Limit	Aggregate Result
(P1 + P2 + P3 + P4) / 4	99.17%	80.0 %	PASS

Detailed Results for Radar Type 1

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	2	1.000	538.000	99	YES
2	3	1.000	558.000	95	YES
3	23	1.000	3066.000	18	YES
4	35	1.000	1596.000	34	YES
5	22	1.000	938.000	57	YES
6	18	1.000	858.000	62	YES
7	13	1.000	758.000	70	YES
8	19	1.000	878.000	61	YES
9	28	1.000	912.000	58	YES
10	38	1.000	1888.000	28	YES
11	41	1.000	2181.000	25	YES
12	26	1.000	717.000	74	No
13	48	1.000	2864.000	19	YES
14	46	1.000	2669.000	20	YES
15	50	1.000	3060.000	18	YES
16	27	1.000	815.000	65	YES
17	44	1.000	2474.000	22	YES
18	47	1.000	2767.000	20	YES
19	8	1.000	658.000	81	YES
20	29	1.000	1010.000	53	YES
21	9	1.000	678.000	78	YES
22	6	1.000	618.000	86	YES
23	34	1.000	1498.000	36	YES
24	45	1.000	2572.000	21	YES
25	30	1.000	1108.000	48	YES
26	15	1.000	798.000	67	YES
27	36	1.000	1693.000	32	YES
28	42	1.000	2279.000	24	YES
29	32	1.000	1303.000	41	YES
30	33	1.000	1400.000	38	YES

Detailed Results for Radar Type 2

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	9	3.900	212.000	27	YES
2	34	2.200	197.000	28	YES
3	16	3.600	194.000	26	YES
4	31	4.000	154.000	28	YES
5	26	3.700	217.000	28	YES
6	20	1.200	185.000	25	YES
7	35	1.200	206.000	24	YES
8	39	4.900	163.000	23	YES
9	41	1.300	219.000	25	YES
10	36	3.200	200.000	28	YES
11	1	3.400	168.000	25	YES
12	44	3.500	167.000	29	YES
13	23	3.800	187.000	28	YES
14	2	4.500	191.000	23	YES
15	19	2.000	200.000	25	YES
16	46	3.000	191.000	28	YES
17	24	4.400	188.000	27	YES
18	7	1.400	185.000	27	YES
19	32	3.700	222.000	26	YES
20	27	2.700	199.000	29	YES
21	3	5.000	192.000	23	YES
22	21	3.600	193.000	28	YES
23	6	3.700	161.000	26	YES
24	28	1.700	216.000	27	YES
25	17	4.500	213.000	23	YES
26	29	4.100	189.000	26	YES
27	25	4.400	202.000	24	YES
28	40	3.600	230.000	27	YES
29	45	3.200	227.000	29	YES
30	10	1.200	175.000	26	YES

Detailed Results for Radar Type 3

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	25	9.600	458.000	17	YES
2	8	7.000	358.000	17	YES
3	28	9.800	316.000	17	YES
4	5	8.200	464.000	18	YES
5	10	9.800	206.000	17	YES
6	44	7.100	457.000	16	YES
7	13	8.400	343.000	17	YES
8	34	6.400	477.000	17	YES
9	20	8.200	272.000	18	YES
10	19	9.600	336.000	18	YES
11	14	6.600	455.000	16	YES
12	29	9.900	446.000	17	YES
13	3	9.500	297.000	16	YES
14	32	8.700	356.000	18	YES
15	21	8.100	204.000	17	YES
16	15	8.100	436.000	17	YES
17	33	9.000	430.000	18	YES
18	26	9.200	497.000	17	YES
19	9	6.300	454.000	17	YES
20	22	6.500	433.000	17	YES
21	46	8.500	349.000	17	YES
22	12	8.000	463.000	17	YES
23	31	8.800	487.000	17	YES
24	48	9.000	448.000	18	YES
25	16	8.900	340.000	16	YES
26	37	7.500	217.000	17	YES
27	35	7.300	200.000	18	YES
28	18	6.200	263.000	18	YES
29	49	6.500	288.000	18	YES
30	24	6.000	378.000	17	YES

Detailed Results for Radar Type 4

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	14	16.600	212.000	16	YES
2	12	16.000	461.000	13	YES
3	11	14.900	223.000	12	YES
4	16	19.900	366.000	14	YES
5	50	14.400	286.000	12	YES
6	40	13.600	237.000	15	YES
7	38	15.500	451.000	15	YES
8	9	13.300	254.000	14	YES
9	15	14.700	324.000	13	YES
10	36	12.500	413.000	14	YES
11	31	14.400	266.000	14	YES
12	10	14.200	351.000	12	YES
13	8	14.100	283.000	15	YES
14	32	12.600	293.000	15	YES
15	7	18.600	236.000	12	YES
16	29	17.300	287.000	16	YES
17	43	15.800	410.000	15	YES
18	20	12.300	438.000	13	YES
19	49	11.100	396.000	13	YES
20	45	16.700	419.000	16	YES
21	39	12.400	217.000	14	YES
22	25	16.600	282.000	16	YES
23	44	17.900	458.000	14	YES
24	1	15.900	410.000	13	YES
25	18	15.600	420.000	15	YES
26	26	18.900	299.000	16	YES
27	27	15.600	303.000	13	YES
28	23	18.300	265.000	14	YES
29	13	16.000	485.000	14	YES
30	35	12.600	268.000	13	YES

Detailed Results for Radar Type 5

Trial Number	Random Trial used	Pulses Detected	Comment
1	30	YES	For detailed burst Data see separate table Type5_Trial1
2	11	YES	For detailed burst Data see separate table Type5_Trial2
3	16	YES	For detailed burst Data see separate table Type5_Trial3
4	48	YES	For detailed burst Data see separate table Type5_Trial4
5	1	YES	For detailed burst Data see separate table Type5_Trial5
6	39	YES	For detailed burst Data see separate table Type5_Trial6
7	35	YES	For detailed burst Data see separate table Type5_Trial7
8	23	YES	For detailed burst Data see separate table Type5_Trial8
9	20	YES	For detailed burst Data see separate table Type5_Trial9
10	37	YES	For detailed burst Data see separate table Type5_Trial10
11	10	YES	For detailed burst Data see separate table Type5_Trial11
12	21	YES	For detailed burst Data see separate table Type5_Trial12
13	26	YES	For detailed burst Data see separate table Type5_Trial13
14	45	YES	For detailed burst Data see separate table Type5_Trial14
15	15	YES	For detailed burst Data see separate table Type5_Trial15
16	41	No	For detailed burst Data see separate table Type5_Trial16
17	17	YES	For detailed burst Data see separate table Type5_Trial17
18	22	No	For detailed burst Data see separate table Type5_Trial18
19	46	YES	For detailed burst Data see separate table Type5_Trial19
20	40	YES	For detailed burst Data see separate table Type5_Trial20
21	32	YES	For detailed burst Data see separate table Type5_Trial21
22	38	YES	For detailed burst Data see separate table Type5_Trial22
23	3	YES	For detailed burst Data see separate table Type5_Trial23
24	6	YES	For detailed burst Data see separate table Type5_Trial24
25	34	YES	For detailed burst Data see separate table Type5_Trial25
26	13	YES	For detailed burst Data see separate table Type5_Trial26
27	31	YES	For detailed burst Data see separate table Type5_Trial27
28	50	YES	For detailed burst Data see separate table Type5_Trial28
29	7	YES	For detailed burst Data see separate table Type5_Trial29
30	42	YES	For detailed burst Data see separate table Type5_Trial30

Detailed Results for Radar Type 5_Trial 1

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	77.900	16.000000	1250.000	---	478.000
2	2	69.500	16.000000	1007.000	---	962.000
3	2	74.500	16.000000	1631.000	---	657.000
4	1	93.900	16.000000	---	---	564.000
5	2	55.400	16.000000	949.000	---	59.000
6	3	50.400	16.000000	1162.000	1396.000	565.000
7	1	68.600	16.000000	---	---	732.000
8	3	88.700	16.000000	1750.000	1835.000	872.000
9	2	54.900	16.000000	1869.000	---	32.000
10	3	51.000	16.000000	970.000	1344.000	750.000
11	3	86.500	16.000000	1599.000	1682.000	364.000

Detailed Results for Radar Type 5_Trial 2

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	61.700	11.000000	1264.000	1572.000	640.000
2	3	82.600	11.000000	923.000	1387.000	439.000
3	2	74.800	11.000000	1230.000	---	16.000
4	2	77.700	11.000000	1544.000	---	613.000
5	1	80.400	11.000000	---	---	213.000
6	3	88.700	11.000000	1316.000	1461.000	568.000
7	3	78.100	11.000000	1065.000	1167.000	387.000
8	2	56.600	11.000000	1454.000	---	647.000
9	1	63.600	11.000000	---	---	285.000
10	2	73.100	11.000000	1369.000	---	189.000
11	2	67.900	11.000000	994.000	---	165.000
12	2	76.500	11.000000	1164.000	---	480.000
13	1	63.700	11.000000	---	---	28.000
14	2	70.100	11.000000	1823.000	---	516.000
15	2	90.400	11.000000	1694.000	---	561.000
16	2	87.700	11.000000	1528.000	---	420.000
17	3	77.700	11.000000	1339.000	1407.000	61.000
18	1	81.300	11.000000	---	---	67.000

Detailed Results for Radar Type 5_Trial 3

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	53.400	13.000000	1343.000	1742.000	651.000
2	1	57.300	13.000000	---	---	857.000
3	1	61.900	13.000000	---	---	567.000
4	3	60.500	13.000000	1355.000	1499.000	847.000
5	1	62.000	13.000000	---	---	1014.000
6	2	94.800	13.000000	1584.000	---	512.000
7	1	64.300	13.000000	---	---	992.000
8	3	93.200	13.000000	1157.000	1861.000	285.000
9	3	56.000	13.000000	1813.000	1900.000	1189.000
10	2	79.100	13.000000	1234.000	---	1006.000

Detailed Results for Radar Type 5_Trial 4

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	97.900	7.000000	1124.000	---	368.000
2	2	94.200	7.000000	1097.000	---	363.000
3	2	95.600	7.000000	1706.000	---	338.000
4	3	60.700	7.000000	1726.000	1788.000	628.000
5	2	79.600	7.000000	921.000	---	352.000
6	2	55.700	7.000000	1463.000	---	71.000
7	2	92.300	7.000000	1486.000	---	208.000
8	3	59.600	7.000000	1550.000	1830.000	605.000
9	2	95.900	7.000000	1529.000	---	727.000
10	2	87.500	7.000000	1521.000	---	637.000
11	3	81.100	7.000000	961.000	1815.000	593.000
12	3	93.000	7.000000	1246.000	1717.000	400.000
13	3	62.500	7.000000	1219.000	1563.000	742.000
14	1	70.400	7.000000	---	---	627.000
15	2	63.400	7.000000	1345.000	---	439.000
16	1	78.000	7.000000	---	---	663.000

Detailed Results for Radar Type 5_Trial 5

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	97.300	12.000000	1764.000	1049.000	85.000
2	1	83.400	12.000000	---	---	882.000
3	1	94.700	12.000000	---	---	903.000
4	2	60.100	12.000000	1023.000	---	878.000
5	2	54.600	12.000000	1385.000	---	1271.000
6	3	88.100	12.000000	1088.000	1048.000	932.000
7	3	90.200	12.000000	1799.000	1142.000	226.000
8	3	63.400	12.000000	1149.000	971.000	1426.000

Detailed Results for Radar Type 5_Trial 6

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	70.600	15.000000	---	---	302.000
2	1	74.700	15.000000	---	---	299.000
3	1	63.600	15.000000	---	---	82.000
4	2	52.100	15.000000	1812.000	---	536.000
5	1	97.500	15.000000	---	---	395.000
6	2	96.300	15.000000	1335.000	---	250.000
7	3	70.800	15.000000	1052.000	1243.000	462.000
8	3	59.600	15.000000	1059.000	1550.000	477.000
9	3	99.200	15.000000	1633.000	1572.000	254.000
10	1	53.300	15.000000	---	---	33.000
11	3	98.600	15.000000	1526.000	1428.000	564.000
12	3	89.300	15.000000	1017.000	1662.000	221.000
13	1	62.700	15.000000	---	---	248.000
14	2	70.400	15.000000	1855.000	---	232.000
15	3	61.400	15.000000	1444.000	1073.000	470.000
16	1	76.000	15.000000	---	---	441.000
17	2	90.800	15.000000	1164.000	---	195.000
18	3	65.200	15.000000	1246.000	1582.000	246.000
19	3	74.700	15.000000	928.000	1671.000	194.000
20	2	75.100	15.000000	989.000	---	83.000

Detailed Results for Radar Type 5_Trial 7

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	52.100	18.000000	1215.000	---	17.000
2	3	99.800	18.000000	1736.000	1673.000	148.000
3	2	53.200	18.000000	1233.000	---	12.000
4	1	87.200	18.000000	---	---	540.000
5	2	75.200	18.000000	975.000	---	618.000
6	3	63.600	18.000000	1614.000	1448.000	732.000
7	2	61.200	18.000000	1118.000	---	137.000
8	2	86.400	18.000000	1014.000	---	331.000
9	2	79.400	18.000000	1910.000	---	737.000
10	2	84.300	18.000000	1126.000	---	48.000
11	2	81.500	18.000000	1345.000	---	288.000
12	3	81.300	18.000000	1810.000	952.000	529.000
13	2	94.900	18.000000	1306.000	---	612.000
14	3	69.600	18.000000	1632.000	1730.000	692.000
15	3	73.300	18.000000	1015.000	1552.000	317.000
16	3	93.100	18.000000	1179.000	1533.000	7.000

Detailed Results for Radar Type 5_Trial 8

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	51.000	9.000000	1731.000	---	259.000
2	2	69.300	9.000000	1762.000	---	617.000
3	1	94.600	9.000000	---	---	379.000
4	2	65.100	9.000000	1536.000	---	103.000
5	3	51.100	9.000000	1546.000	1400.000	650.000
6	2	86.100	9.000000	1619.000	---	221.000
7	1	80.000	9.000000	---	---	44.000
8	1	60.800	9.000000	---	---	384.000
9	3	56.200	9.000000	1627.000	1397.000	126.000
10	1	99.700	9.000000	---	---	20.000
11	1	84.000	9.000000	---	---	411.000
12	3	83.100	9.000000	1223.000	1586.000	232.000
13	1	50.900	9.000000	---	---	179.000
14	1	53.200	9.000000	---	---	48.000
15	2	71.800	9.000000	1079.000	---	692.000
16	2	66.300	9.000000	1893.000	---	503.000
17	2	51.200	9.000000	1362.000	---	455.000

Detailed Results for Radar Type 5_Trial 9

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	69.000	7.000000	1220.000	---	20.000
2	3	88.500	7.000000	1376.000	1096.000	45.000
3	2	56.300	7.000000	1207.000	---	779.000
4	2	88.800	7.000000	1793.000	---	532.000
5	1	78.600	7.000000	---	---	577.000
6	2	82.300	7.000000	1534.000	---	549.000
7	1	71.700	7.000000	---	---	612.000
8	2	52.800	7.000000	1891.000	---	631.000
9	1	66.100	7.000000	---	---	166.000
10	2	72.800	7.000000	1460.000	---	381.000
11	2	82.900	7.000000	1293.000	---	451.000
12	3	72.300	7.000000	1224.000	1577.000	61.000
13	2	91.900	7.000000	1281.000	---	619.000
14	3	82.400	7.000000	1570.000	1469.000	99.000

Detailed Results for Radar Type 5_Trial 10

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	84.500	5.000000	---	---	77.000
2	2	85.100	5.000000	1049.000	---	561.000
3	2	77.500	5.000000	1012.000	---	322.000
4	2	95.300	5.000000	1524.000	---	591.000
5	2	69.000	5.000000	1447.000	---	479.000
6	2	65.200	5.000000	1574.000	---	177.000
7	3	77.400	5.000000	1446.000	1628.000	4.000
8	2	58.000	5.000000	1737.000	---	631.000
9	3	58.500	5.000000	1714.000	1626.000	330.000
10	1	98.600	5.000000	---	---	508.000
11	1	73.900	5.000000	---	---	27.000
12	1	67.700	5.000000	---	---	157.000
13	1	99.000	5.000000	---	---	313.000
14	2	76.800	5.000000	1232.000	---	429.000
15	2	89.900	5.000000	1618.000	---	574.000
16	3	88.000	5.000000	1587.000	1221.000	326.000
17	1	55.100	5.000000	---	---	550.000
18	3	93.900	5.000000	930.000	1084.000	275.000

Detailed Results for Radar Type 5_Trial 11

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	64.900	8.000000	1505.000	942.000	403.000
2	2	74.300	8.000000	1789.000	---	177.000
3	3	70.800	8.000000	1084.000	1077.000	477.000
4	2	89.800	8.000000	1727.000	---	39.000
5	2	93.800	8.000000	1220.000	---	581.000
6	3	71.300	8.000000	1699.000	1079.000	519.000
7	2	73.200	8.000000	1306.000	---	9.000
8	2	78.200	8.000000	1010.000	---	72.000
9	3	65.600	8.000000	1443.000	1201.000	152.000
10	2	80.300	8.000000	1521.000	---	187.000
11	1	53.000	8.000000	---	---	669.000
12	2	97.600	8.000000	1808.000	---	558.000
13	2	69.000	8.000000	1583.000	---	502.000
14	3	98.300	8.000000	1282.000	1548.000	356.000
15	3	58.000	8.000000	1058.000	1448.000	179.000
16	2	53.300	8.000000	993.000	---	253.000
17	2	78.600	8.000000	1265.000	---	413.000

Detailed Results for Radar Type 5_Trial 12

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	66.400	15.000000	1599.000	1875.000	190.000
2	1	73.600	15.000000	---	---	165.000
3	2	55.200	15.000000	1726.000	---	332.000
4	2	62.700	15.000000	1752.000	---	117.000
5	3	50.600	15.000000	1523.000	1052.000	572.000
6	2	57.800	15.000000	944.000	---	746.000
7	3	98.000	15.000000	1343.000	1215.000	147.000
8	2	82.800	15.000000	1182.000	---	30.000
9	2	62.900	15.000000	1549.000	---	395.000
10	2	50.700	15.000000	1196.000	---	333.000
11	3	69.200	15.000000	1106.000	1036.000	388.000
12	3	60.900	15.000000	1175.000	1183.000	612.000
13	2	78.500	15.000000	1908.000	---	125.000
14	2	67.800	15.000000	1667.000	---	502.000
15	2	58.000	15.000000	1869.000	---	224.000

Detailed Results for Radar Type 5_Trial 13

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	56.900	7.000000	1444.000	967.000	453.000
2	3	59.600	7.000000	1787.000	1144.000	206.000
3	3	95.100	7.000000	1708.000	1109.000	579.000
4	1	90.100	7.000000	---	---	554.000
5	1	81.600	7.000000	---	---	140.000
6	2	78.100	7.000000	1096.000	---	407.000
7	1	99.000	7.000000	---	---	350.000
8	3	81.300	7.000000	1461.000	1547.000	552.000
9	2	54.900	7.000000	1737.000	---	501.000
10	2	54.200	7.000000	1388.000	---	121.000
11	2	86.200	7.000000	971.000	---	397.000
12	2	79.100	7.000000	1117.000	---	318.000
13	2	55.200	7.000000	1399.000	---	427.000
14	1	57.800	7.000000	---	---	441.000
15	2	56.500	7.000000	1323.000	---	397.000
16	1	57.200	7.000000	---	---	435.000
17	2	71.400	7.000000	989.000	---	500.000
18	2	75.000	7.000000	1489.000	---	16.000
19	1	94.000	7.000000	---	---	44.000
20	3	72.700	7.000000	1153.000	1688.000	262.000

Detailed Results for Radar Type 5_Trial 14

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	52.400	9.000000	974.000	---	609.000
2	2	55.800	9.000000	1319.000	---	738.000
3	2	58.000	9.000000	1056.000	---	899.000
4	2	50.700	9.000000	975.000	---	575.000
5	1	54.600	9.000000	---	---	73.000
6	2	82.900	9.000000	1205.000	---	107.000
7	2	51.100	9.000000	991.000	---	451.000
8	2	94.700	9.000000	1862.000	---	331.000
9	2	65.500	9.000000	1034.000	---	871.000
10	2	62.000	9.000000	1226.000	---	12.000
11	3	65.600	9.000000	1015.000	1040.000	157.000
12	2	54.800	9.000000	1350.000	---	641.000
13	2	68.900	9.000000	1496.000	---	791.000

Detailed Results for Radar Type 5_Trial 15

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	50.800	18.000000	1595.000	---	21.000
2	2	52.000	18.000000	1563.000	---	729.000
3	2	58.800	18.000000	1384.000	---	15.000
4	2	79.700	18.000000	979.000	---	261.000
5	1	69.500	18.000000	---	---	533.000
6	2	98.900	18.000000	1015.000	---	493.000
7	2	82.800	18.000000	1634.000	---	218.000
8	1	70.100	18.000000	---	---	1102.000
9	2	89.200	18.000000	1357.000	---	524.000

Detailed Results for Radar Type 5_Trial 16

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	69.200	20.000000	1589.000	---	608.000
2	2	96.300	20.000000	1096.000	---	1107.000
3	2	65.100	20.000000	973.000	---	1251.000
4	3	82.700	20.000000	1229.000	1116.000	442.000
5	1	86.700	20.000000	---	---	528.000
6	1	50.500	20.000000	---	---	261.000
7	2	74.700	20.000000	1296.000	---	317.000
8	1	58.000	20.000000	---	---	131.000
9	3	82.600	20.000000	1463.000	985.000	1132.000

Detailed Results for Radar Type 5_Trial 17

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	93.100	11.000000	---	---	422.000
2	3	61.300	11.000000	1194.000	1086.000	738.000
3	3	57.000	11.000000	1918.000	1102.000	523.000
4	3	91.800	11.000000	1588.000	1798.000	874.000
5	3	88.600	11.000000	1491.000	1061.000	748.000
6	3	62.400	11.000000	1019.000	1144.000	525.000
7	3	88.000	11.000000	1259.000	1713.000	641.000
8	2	77.700	11.000000	1025.000	---	383.000
9	1	51.800	11.000000	---	---	554.000
10	1	55.900	11.000000	---	---	939.000
11	3	63.700	11.000000	1503.000	1789.000	182.000

Detailed Results for Radar Type 5_Trial 18

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	66.600	20.000000	---	---	330.000
2	1	74.500	20.000000	---	---	248.000
3	2	68.200	20.000000	1149.000	---	80.000
4	2	70.100	20.000000	1849.000	---	536.000
5	3	65.800	20.000000	1316.000	1180.000	623.000
6	3	82.100	20.000000	1690.000	1661.000	503.000
7	2	95.900	20.000000	1840.000	---	687.000
8	1	51.100	20.000000	---	---	107.000
9	2	99.600	20.000000	1035.000	---	389.000
10	1	59.600	20.000000	---	---	424.000
11	3	96.000	20.000000	1733.000	1820.000	427.000
12	3	64.400	20.000000	1553.000	1679.000	204.000
13	2	82.800	20.000000	1451.000	---	69.000
14	2	86.800	20.000000	1508.000	---	573.000
15	2	76.300	20.000000	1738.000	---	361.000
16	2	83.800	20.000000	1152.000	---	683.000

Detailed Results for Radar Type 5_Trial 19

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	52.300	11.000000	1799.000	1297.000	737.000
2	3	53.600	11.000000	1397.000	1860.000	189.000
3	1	59.200	11.000000	---	---	495.000
4	3	54.300	11.000000	1885.000	1319.000	152.000
5	1	75.600	11.000000	---	---	76.000
6	1	52.900	11.000000	---	---	190.000
7	1	97.700	11.000000	---	---	195.000
8	2	50.200	11.000000	1276.000	---	604.000
9	3	95.000	11.000000	1526.000	1582.000	267.000
10	3	77.500	11.000000	1494.000	1729.000	842.000
11	1	66.900	11.000000	---	---	144.000
12	2	96.100	11.000000	1441.000	---	435.000
13	3	62.500	11.000000	1037.000	1474.000	262.000
14	2	53.100	11.000000	1278.000	---	525.000

Detailed Results for Radar Type 5_Trial 20

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	57.400	6.000000	963.000	---	180.000
2	2	93.600	6.000000	1584.000	---	459.000
3	2	80.100	6.000000	1493.000	---	435.000
4	1	64.100	6.000000	---	---	1256.000
5	2	67.700	6.000000	1215.000	---	734.000
6	1	96.500	6.000000	---	---	1281.000
7	2	81.500	6.000000	974.000	---	1432.000
8	2	66.800	6.000000	1558.000	---	92.000

Detailed Results for Radar Type 5_Trial 21

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	80.900	6.000000	---	---	565.000
2	3	55.800	6.000000	1708.000	1448.000	439.000
3	2	93.400	6.000000	985.000	---	706.000
4	2	83.200	6.000000	1912.000	---	758.000
5	3	59.100	6.000000	1594.000	1591.000	79.000
6	2	74.400	6.000000	939.000	---	107.000
7	3	85.400	6.000000	1733.000	1253.000	238.000
8	3	98.000	6.000000	1896.000	1606.000	373.000
9	1	92.100	6.000000	---	---	363.000
10	1	84.400	6.000000	---	---	227.000
11	2	67.400	6.000000	1272.000	---	646.000
12	3	92.000	6.000000	1831.000	1066.000	457.000
13	3	87.500	6.000000	1763.000	1055.000	22.000

Detailed Results for Radar Type 5_Trial 22

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	79.600	17.000000	1029.000	---	270.000
2	1	90.200	17.000000	---	---	580.000
3	3	66.100	17.000000	1312.000	1766.000	86.000
4	1	95.200	17.000000	---	---	92.000
5	2	76.300	17.000000	1238.000	---	368.000
6	2	75.800	17.000000	1106.000	---	165.000
7	3	50.700	17.000000	1312.000	1580.000	377.000
8	3	56.300	17.000000	1837.000	1154.000	323.000
9	3	56.100	17.000000	1061.000	1394.000	400.000
10	3	81.200	17.000000	1582.000	1379.000	405.000
11	2	89.700	17.000000	1845.000	---	506.000
12	1	97.800	17.000000	---	---	331.000
13	1	75.700	17.000000	---	---	430.000
14	3	50.200	17.000000	1237.000	1653.000	544.000
15	2	52.000	17.000000	1729.000	---	339.000
16	2	69.400	17.000000	1603.000	---	44.000
17	2	67.500	17.000000	1168.000	---	521.000
18	2	98.100	17.000000	958.000	---	384.000
19	3	63.600	17.000000	1260.000	1640.000	194.000

Detailed Results for Radar Type 5_Trial 23

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	54.600	13.000000	1482.000	---	997.000
2	3	58.000	13.000000	1111.000	999.000	712.000
3	3	63.400	13.000000	1268.000	1709.000	269.000
4	3	67.400	13.000000	1035.000	1498.000	377.000
5	3	70.200	13.000000	1122.000	999.000	381.000
6	1	92.500	13.000000	---	---	942.000
7	3	63.900	13.000000	1233.000	1239.000	49.000
8	1	67.700	13.000000	---	---	121.000
9	2	74.700	13.000000	1791.000	---	596.000
10	2	98.000	13.000000	1740.000	---	602.000

Detailed Results for Radar Type 5_Trial 24

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	85.200	14.000000	---	---	99.000
2	3	59.000	14.000000	1887.000	1086.000	687.000
3	1	51.000	14.000000	---	---	381.000
4	2	84.800	14.000000	1906.000	---	520.000
5	3	83.200	14.000000	1466.000	1170.000	910.000
6	3	92.300	14.000000	977.000	1255.000	1.000
7	2	59.400	14.000000	1674.000	---	732.000
8	2	90.700	14.000000	1058.000	---	642.000
9	3	93.100	14.000000	961.000	934.000	359.000
10	3	74.900	14.000000	1673.000	1639.000	602.000
11	2	90.800	14.000000	1227.000	---	430.000
12	3	58.500	14.000000	1625.000	1374.000	10.000
13	1	57.700	14.000000	---	---	804.000

Detailed Results for Radar Type 5_Trial 25

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	68.600	13.000000	1614.000	---	278.000
2	3	78.700	13.000000	1230.000	1429.000	455.000
3	2	72.000	13.000000	1581.000	---	173.000
4	2	75.600	13.000000	977.000	---	212.000
5	2	65.500	13.000000	1725.000	---	589.000
6	2	55.000	13.000000	1600.000	---	3.000
7	1	57.000	13.000000	---	---	642.000
8	2	70.100	13.000000	1454.000	---	556.000
9	2	52.700	13.000000	1212.000	---	448.000
10	3	61.200	13.000000	1845.000	1035.000	543.000
11	2	98.000	13.000000	1740.000	---	298.000
12	2	56.300	13.000000	1488.000	---	3.000
13	3	74.200	13.000000	1454.000	1697.000	589.000
14	1	91.600	13.000000	---	---	282.000
15	3	70.600	13.000000	1578.000	1218.000	414.000

Detailed Results for Radar Type 5_Trial 26

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	51.100	19.000000	---	---	551.000
2	2	85.100	19.000000	1734.000	---	404.000
3	3	52.100	19.000000	1720.000	1874.000	512.000
4	1	74.000	19.000000	---	---	40.000
5	2	52.100	19.000000	1849.000	---	96.000
6	2	76.700	19.000000	1657.000	---	349.000
7	1	55.400	19.000000	---	---	91.000
8	3	81.200	19.000000	1796.000	1552.000	89.000
9	2	60.900	19.000000	1713.000	---	57.000
10	2	57.100	19.000000	1611.000	---	530.000
11	2	50.100	19.000000	1364.000	---	248.000
12	1	89.400	19.000000	---	---	296.000
13	3	64.500	19.000000	1437.000	1500.000	469.000
14	2	72.500	19.000000	1415.000	---	437.000
15	3	72.200	19.000000	1705.000	1577.000	554.000
16	2	87.800	19.000000	1175.000	---	48.000
17	2	91.300	19.000000	1613.000	---	537.000
18	2	65.400	19.000000	1307.000	---	194.000
19	1	56.300	19.000000	---	---	276.000
20	2	68.900	19.000000	1611.000	---	430.000

Detailed Results for Radar Type 5_Trial 27

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	78.100	10.000000	1102.000	---	160.000
2	2	51.400	10.000000	957.000	---	633.000
3	3	85.200	10.000000	1076.000	1386.000	363.000
4	1	96.300	10.000000	---	---	992.000
5	1	67.200	10.000000	---	---	751.000
6	3	68.900	10.000000	1284.000	1725.000	149.000
7	2	75.900	10.000000	958.000	---	690.000
8	2	87.000	10.000000	1715.000	---	512.000
9	1	88.500	10.000000	---	---	611.000
10	3	61.000	10.000000	1333.000	1179.000	361.000
11	1	57.000	10.000000	---	---	214.000
12	2	55.900	10.000000	1656.000	---	643.000

Detailed Results for Radar Type 5_Trial 28

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	63.100	5.000000	1767.000	---	49.000
2	2	54.000	5.000000	1907.000	---	76.000
3	1	74.000	5.000000	---	---	573.000
4	3	69.500	5.000000	1490.000	1185.000	440.000
5	2	62.300	5.000000	1013.000	---	645.000
6	2	52.800	5.000000	1682.000	---	178.000
7	2	90.100	5.000000	1367.000	---	171.000
8	1	86.200	5.000000	---	---	251.000
9	2	94.800	5.000000	908.000	---	307.000
10	2	66.500	5.000000	972.000	---	415.000
11	3	60.800	5.000000	1555.000	1769.000	440.000
12	2	69.200	5.000000	1364.000	---	408.000
13	2	82.600	5.000000	1077.000	---	86.000
14	3	89.600	5.000000	934.000	1096.000	215.000
15	2	87.700	5.000000	958.000	---	272.000
16	2	74.300	5.000000	1246.000	---	576.000
17	1	98.600	5.000000	---	---	262.000
18	3	82.600	5.000000	1172.000	1322.000	628.000

Detailed Results for Radar Type 5_Trial 29

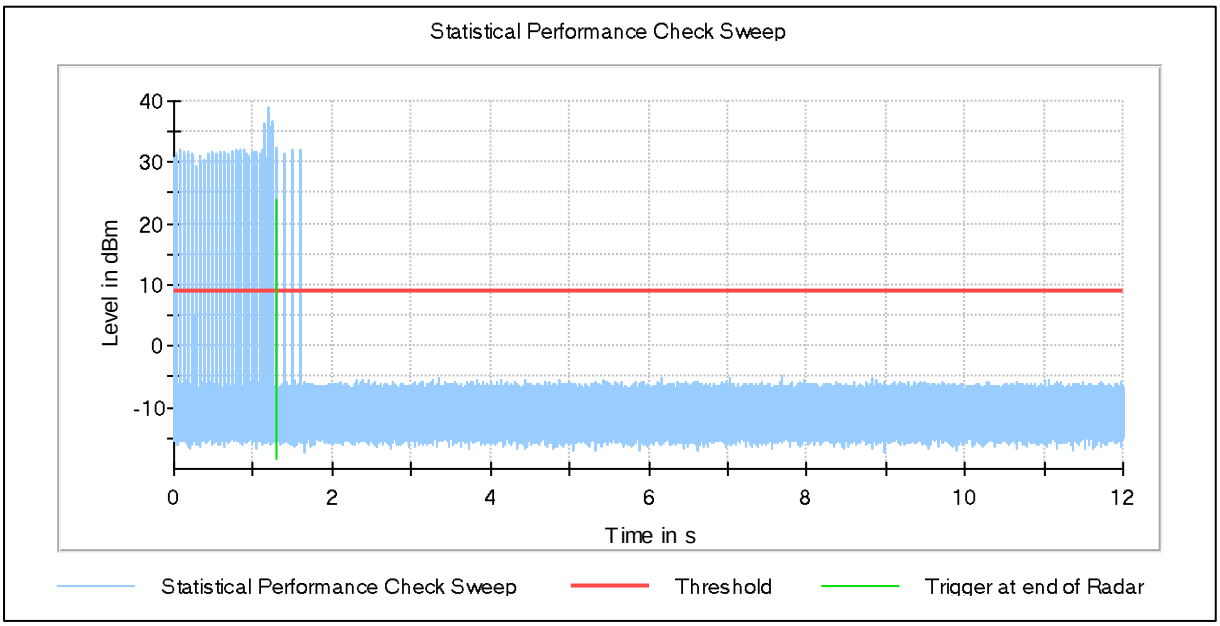
Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	76.300	6.000000	1673.000	1870.000	757.000
2	1	85.600	6.000000	---	---	712.000
3	2	87.400	6.000000	1495.000	---	427.000
4	2	67.800	6.000000	1430.000	---	153.000
5	1	80.900	6.000000	---	---	197.000
6	1	80.300	6.000000	---	---	160.000
7	3	86.500	6.000000	1329.000	1212.000	509.000
8	1	96.300	6.000000	---	---	828.000
9	1	80.800	6.000000	---	---	306.000
10	2	74.900	6.000000	1636.000	---	609.000
11	3	60.400	6.000000	1278.000	1394.000	269.000
12	3	57.300	6.000000	1719.000	999.000	826.000
13	2	64.800	6.000000	1378.000	---	41.000
14	2	66.600	6.000000	933.000	---	631.000

Detailed Results for Radar Type 5_Trial 30

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	68.400	12.000000	1658.000	1189.000	811.000
2	3	79.800	12.000000	1645.000	1732.000	1059.000
3	1	86.100	12.000000	---	---	970.000
4	1	83.200	12.000000	---	---	765.000
5	1	97.500	12.000000	---	---	1117.000
6	2	51.300	12.000000	1708.000	---	559.000
7	3	77.900	12.000000	1276.000	1521.000	253.000
8	3	80.800	12.000000	1804.000	959.000	563.000
9	2	82.100	12.000000	1443.000	---	169.000
10	3	65.000	12.000000	1848.000	1035.000	156.000

Detailed Results for Radar Type 6

Trial Number	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	1.000	300.000	9	YES
2	1.000	300.000	9	YES
3	1.000	300.000	9	YES
4	1.000	300.000	9	YES
5	1.000	300.000	9	YES
6	1.000	300.000	9	YES
7	1.000	300.000	9	YES
8	1.000	300.000	9	YES
9	1.000	300.000	9	YES
10	1.000	300.000	9	YES
11	1.000	300.000	9	YES
12	1.000	300.000	9	YES
13	1.000	300.000	9	YES
14	1.000	300.000	9	YES
15	1.000	300.000	9	YES
16	1.000	300.000	9	YES
17	1.000	300.000	9	YES
18	1.000	300.000	9	YES
19	1.000	300.000	9	YES
20	1.000	300.000	9	YES
21	1.000	300.000	9	YES
22	1.000	300.000	9	YES
23	1.000	300.000	9	YES
24	1.000	300.000	9	YES
25	1.000	300.000	9	YES
26	1.000	300.000	9	YES
27	1.000	300.000	9	YES
28	1.000	300.000	9	YES
29	1.000	300.000	9	YES
30	1.000	300.000	9	YES


Statistical Performance Check Sweep
Level in dBm
40
30
20
10
0
-10
0
2
4
6
8
10
12
Time in s
Statistical Performance Check Sweep
Threshold
Trigger at end of Radar

Modulation: 802.11ac VHT40MHz

Measurement Summary

DUT Frequency (MHz)	Radar Type No.	Detection count	Percentage of Detection Px	Detection Limit	Overall Result
5510.000000	1	28 of 30	93.33%	60.0 %	PASS
5510.000000	2	29 of 30	96.67%	60.0 %	PASS
5510.000000	3	27 of 30	90.00%	60.0 %	PASS
5510.000000	4	27 of 30	90.00%	60.0 %	PASS
5510.000000	5	30 of 30	100.00%	80.0 %	PASS
5510.000000	6	30 of 30	100.00%	70.0 %	PASS

Aggregate Results for Short Pulse Radar Type 1-4

Aggregate Calculation as follows	Aggregate Percentage	Aggregate Limit	Aggregate Result
(P1 + P2 + P3 + P4) / 4	92.50%	80.0 %	PASS

Detailed Results for Radar Type 1

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	21	1.000	918.000	58	No
2	8	1.000	658.000	81	YES
3	44	1.000	2474.000	22	YES
4	40	1.000	2084.000	26	YES
5	5	1.000	598.000	89	YES
6	32	1.000	1303.000	41	No
7	31	1.000	1205.000	44	YES
8	17	1.000	838.000	63	YES
9	46	1.000	2669.000	20	YES
10	50	1.000	3060.000	18	YES
11	28	1.000	912.000	58	YES
12	11	1.000	718.000	74	YES
13	29	1.000	1010.000	53	YES
14	35	1.000	1596.000	34	YES
15	1	1.000	518.000	102	YES
16	47	1.000	2767.000	20	YES
17	45	1.000	2572.000	21	YES
18	33	1.000	1400.000	38	YES
19	12	1.000	738.000	72	YES
20	6	1.000	618.000	86	YES
21	4	1.000	578.000	92	YES
22	13	1.000	758.000	70	YES
23	2	1.000	538.000	99	YES
24	42	1.000	2279.000	24	YES
25	37	1.000	1791.000	30	YES
26	18	1.000	858.000	62	YES
27	20	1.000	898.000	59	YES
28	27	1.000	815.000	65	YES
29	10	1.000	698.000	76	YES
30	19	1.000	878.000	61	YES

Detailed Results for Radar Type 2

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	25	4.400	202.000	24	YES
2	1	3.400	168.000	25	YES
3	26	3.700	217.000	28	YES
4	21	3.600	193.000	28	YES
5	12	3.100	182.000	28	YES
6	13	2.200	193.000	24	YES
7	18	2.000	153.000	24	YES
8	24	4.400	188.000	27	YES
9	29	4.100	189.000	26	YES
10	34	2.200	197.000	28	YES
11	43	4.100	153.000	24	YES
12	7	1.400	185.000	27	YES
13	27	2.700	199.000	29	YES
14	3	5.000	192.000	23	YES
15	31	4.000	154.000	28	YES
16	8	2.600	175.000	26	YES
17	39	4.900	163.000	23	YES
18	42	2.500	215.000	28	YES
19	15	2.200	180.000	29	YES
20	48	4.200	227.000	24	YES
21	16	3.600	194.000	26	YES
22	6	3.700	161.000	26	YES
23	20	1.200	185.000	25	YES
24	32	3.700	222.000	26	YES
25	14	4.800	175.000	24	YES
26	28	1.700	216.000	27	YES
27	23	3.800	187.000	28	YES
28	40	3.600	230.000	27	YES
29	19	2.000	200.000	25	No
30	2	4.500	191.000	23	YES

Detailed Results for Radar Type 3

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	28	9.800	316.000	17	YES
2	6	7.500	429.000	17	YES
3	26	9.200	497.000	17	YES
4	48	9.000	448.000	18	No
5	49	6.500	288.000	18	YES
6	34	6.400	477.000	17	YES
7	16	8.900	340.000	16	YES
8	33	9.000	430.000	18	YES
9	7	6.500	466.000	17	YES
10	47	9.800	250.000	17	YES
11	37	7.500	217.000	17	YES
12	35	7.300	200.000	18	YES
13	40	7.400	271.000	17	YES
14	36	9.800	494.000	17	YES
15	13	8.400	343.000	17	YES
16	38	6.300	476.000	17	YES
17	43	6.700	398.000	17	YES
18	9	6.300	454.000	17	No
19	10	9.800	206.000	17	YES
20	42	8.600	493.000	17	YES
21	5	8.200	464.000	18	YES
22	18	6.200	263.000	18	YES
23	44	7.100	457.000	16	YES
24	45	6.700	426.000	17	YES
25	29	9.900	446.000	17	YES
26	41	7.700	467.000	16	YES
27	12	8.000	463.000	17	YES
28	22	6.500	433.000	17	No
29	1	8.000	494.000	18	YES
30	46	8.500	349.000	17	YES

Detailed Results for Radar Type 4

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	6	18.500	499.000	13	YES
2	18	15.600	420.000	15	YES
3	44	17.900	458.000	14	YES
4	19	15.700	403.000	16	YES
5	31	14.400	266.000	14	YES
6	42	18.500	208.000	14	YES
7	35	12.600	268.000	13	YES
8	11	14.900	223.000	12	YES
9	7	18.600	236.000	12	YES
10	40	13.600	237.000	15	YES
11	2	19.900	428.000	12	YES
12	32	12.600	293.000	15	YES
13	21	11.700	483.000	16	YES
14	39	12.400	217.000	14	YES
15	5	14.100	478.000	15	YES
16	15	14.700	324.000	13	YES
17	22	17.800	420.000	13	YES
18	8	14.100	283.000	15	YES
19	43	15.800	410.000	15	YES
20	13	16.000	485.000	14	No
21	3	13.600	398.000	15	No
22	16	19.900	366.000	14	No
23	29	17.300	287.000	16	YES
24	4	12.600	360.000	14	YES
25	24	18.100	397.000	14	YES
26	10	14.200	351.000	12	YES
27	26	18.900	299.000	16	YES
28	20	12.300	438.000	13	YES
29	12	16.000	461.000	13	YES
30	27	15.600	303.000	13	YES

Detailed Results for Radar Type 5

Trial Number	Random Trial used	Pulses Detected	Comment
1	16	YES	For detailed burst Data see separate table Type5_Trial1
2	29	YES	For detailed burst Data see separate table Type5_Trial2
3	5	YES	For detailed burst Data see separate table Type5_Trial3
4	43	YES	For detailed burst Data see separate table Type5_Trial4
5	10	YES	For detailed burst Data see separate table Type5_Trial5
6	4	YES	For detailed burst Data see separate table Type5_Trial6
7	24	YES	For detailed burst Data see separate table Type5_Trial7
8	11	YES	For detailed burst Data see separate table Type5_Trial8
9	12	YES	For detailed burst Data see separate table Type5_Trial9
10	36	YES	For detailed burst Data see separate table Type5_Trial10
11	21	YES	For detailed burst Data see separate table Type5_Trial11
12	37	YES	For detailed burst Data see separate table Type5_Trial12
13	8	YES	For detailed burst Data see separate table Type5_Trial13
14	42	YES	For detailed burst Data see separate table Type5_Trial14
15	34	YES	For detailed burst Data see separate table Type5_Trial15
16	33	YES	For detailed burst Data see separate table Type5_Trial16
17	17	YES	For detailed burst Data see separate table Type5_Trial17
18	23	YES	For detailed burst Data see separate table Type5_Trial18
19	41	YES	For detailed burst Data see separate table Type5_Trial19
20	26	YES	For detailed burst Data see separate table Type5_Trial20
21	38	YES	For detailed burst Data see separate table Type5_Trial21
22	45	YES	For detailed burst Data see separate table Type5_Trial22
23	48	YES	For detailed burst Data see separate table Type5_Trial23
24	50	YES	For detailed burst Data see separate table Type5_Trial24
25	1	YES	For detailed burst Data see separate table Type5_Trial25
26	13	YES	For detailed burst Data see separate table Type5_Trial26
27	25	YES	For detailed burst Data see separate table Type5_Trial27
28	22	YES	For detailed burst Data see separate table Type5_Trial28
29	7	YES	For detailed burst Data see separate table Type5_Trial29
30	6	YES	For detailed burst Data see separate table Type5_Trial30

Detailed Results for Radar Type 5_Trial 1

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	53.400	13.000000	1343.000	1742.000	651.000
2	1	57.300	13.000000	---	---	857.000
3	1	61.900	13.000000	---	---	567.000
4	3	60.500	13.000000	1355.000	1499.000	847.000
5	1	62.000	13.000000	---	---	1014.000
6	2	94.800	13.000000	1584.000	---	512.000
7	1	64.300	13.000000	---	---	992.000
8	3	93.200	13.000000	1157.000	1861.000	285.000
9	3	56.000	13.000000	1813.000	1900.000	1189.000
10	2	79.100	13.000000	1234.000	---	1006.000

Detailed Results for Radar Type 5_Trial 2

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	77.400	20.000000	1666.000	---	613.000
2	3	99.600	20.000000	1128.000	1195.000	1083.000
3	3	95.100	20.000000	1506.000	1563.000	362.000
4	1	84.300	20.000000	---	---	319.000
5	3	88.900	20.000000	1568.000	1152.000	604.000
6	2	69.200	20.000000	995.000	---	451.000
7	2	81.400	20.000000	1689.000	---	791.000
8	2	88.500	20.000000	1286.000	---	359.000
9	3	70.600	20.000000	1189.000	1825.000	241.000
10	3	56.000	20.000000	1217.000	1783.000	317.000

Detailed Results for Radar Type 5_Trial 3

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	58.200	10.000000	1320.000	---	122.000
2	2	66.300	10.000000	1849.000	---	244.000
3	3	62.100	10.000000	1589.000	1390.000	229.000
4	2	74.300	10.000000	1184.000	---	976.000
5	1	58.600	10.000000	---	---	730.000
6	3	82.600	10.000000	1633.000	1513.000	669.000
7	1	73.100	10.000000	---	---	735.000
8	1	90.900	10.000000	---	---	645.000
9	3	66.300	10.000000	1563.000	1348.000	380.000
10	2	54.800	10.000000	1384.000	---	556.000
11	3	65.600	10.000000	1218.000	937.000	801.000
12	3	74.500	10.000000	958.000	1010.000	493.000

Detailed Results for Radar Type 5_Trial 4

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	92.800	10.000000	1307.000	1195.000	177.000
2	2	69.200	10.000000	1264.000	---	1014.000
3	2	63.000	10.000000	1830.000	---	875.000
4	1	58.400	10.000000	---	---	470.000
5	2	74.900	10.000000	1531.000	---	184.000
6	2	76.000	10.000000	1488.000	---	679.000
7	2	50.500	10.000000	1360.000	---	296.000
8	1	82.500	10.000000	---	---	645.000
9	3	58.800	10.000000	1168.000	1620.000	345.000
10	2	70.900	10.000000	1468.000	---	205.000
11	1	72.700	10.000000	---	---	702.000

Detailed Results for Radar Type 5_Trial 5

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	64.900	8.000000	1505.000	942.000	403.000
2	2	74.300	8.000000	1789.000	---	177.000
3	3	70.800	8.000000	1084.000	1077.000	477.000
4	2	89.800	8.000000	1727.000	---	39.000
5	2	93.800	8.000000	1220.000	---	581.000
6	3	71.300	8.000000	1699.000	1079.000	519.000
7	2	73.200	8.000000	1306.000	---	9.000
8	2	78.200	8.000000	1010.000	---	72.000
9	3	65.600	8.000000	1443.000	1201.000	152.000
10	2	80.300	8.000000	1521.000	---	187.000
11	1	53.000	8.000000	---	---	669.000
12	2	97.600	8.000000	1808.000	---	558.000
13	2	69.000	8.000000	1583.000	---	502.000
14	3	98.300	8.000000	1282.000	1548.000	356.000
15	3	58.000	8.000000	1058.000	1448.000	179.000
16	2	53.300	8.000000	993.000	---	253.000
17	2	78.600	8.000000	1265.000	---	413.000

Detailed Results for Radar Type 5_Trial 6

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	64.600	15.000000	---	---	373.000
2	2	95.900	15.000000	1430.000	---	66.000
3	2	54.800	15.000000	1287.000	---	696.000
4	2	63.800	15.000000	1654.000	---	597.000
5	2	55.100	15.000000	1400.000	---	517.000
6	2	92.900	15.000000	1849.000	---	259.000
7	3	56.500	15.000000	1000.000	1682.000	660.000
8	1	61.700	15.000000	---	---	591.000
9	1	58.100	15.000000	---	---	474.000
10	2	95.400	15.000000	1214.000	---	1077.000
11	2	96.700	15.000000	1667.000	---	917.000

Detailed Results for Radar Type 5_Trial 7

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	78.300	8.000000	1113.000	---	442.000
2	3	73.800	8.000000	1354.000	1837.000	373.000
3	3	76.100	8.000000	1355.000	1639.000	48.000
4	3	87.300	8.000000	1498.000	1822.000	357.000
5	1	50.900	8.000000	---	---	161.000
6	2	69.700	8.000000	1619.000	---	132.000
7	3	76.000	8.000000	1288.000	1532.000	644.000
8	2	60.600	8.000000	1300.000	---	48.000
9	1	98.100	8.000000	---	---	403.000
10	2	52.200	8.000000	1422.000	---	506.000
11	2	98.400	8.000000	1351.000	---	22.000
12	2	87.700	8.000000	1180.000	---	634.000
13	3	82.400	8.000000	1704.000	1848.000	28.000
14	3	68.900	8.000000	1080.000	1341.000	12.000
15	2	71.600	8.000000	1681.000	---	577.000
16	3	93.100	8.000000	1758.000	1536.000	609.000
17	2	52.100	8.000000	1941.000	---	612.000
18	2	89.200	8.000000	966.000	---	60.000

Detailed Results for Radar Type 5_Trial 8

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	61.700	11.000000	1264.000	1572.000	640.000
2	3	82.600	11.000000	923.000	1387.000	439.000
3	2	74.800	11.000000	1230.000	---	16.000
4	2	77.700	11.000000	1544.000	---	613.000
5	1	80.400	11.000000	---	---	213.000
6	3	88.700	11.000000	1316.000	1461.000	568.000
7	3	78.100	11.000000	1065.000	1167.000	387.000
8	2	56.600	11.000000	1454.000	---	647.000
9	1	63.600	11.000000	---	---	285.000
10	2	73.100	11.000000	1369.000	---	189.000
11	2	67.900	11.000000	994.000	---	165.000
12	2	76.500	11.000000	1164.000	---	480.000
13	1	63.700	11.000000	---	---	28.000
14	2	70.100	11.000000	1823.000	---	516.000
15	2	90.400	11.000000	1694.000	---	561.000
16	2	87.700	11.000000	1528.000	---	420.000
17	3	77.700	11.000000	1339.000	1407.000	61.000
18	1	81.300	11.000000	---	---	67.000

Detailed Results for Radar Type 5_Trial 9

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	80.800	17.000000	1865.000	---	407.000
2	2	65.200	17.000000	1617.000	---	541.000
3	2	55.500	17.000000	1012.000	---	474.000
4	2	97.400	17.000000	1402.000	---	157.000
5	2	70.500	17.000000	1522.000	---	531.000
6	2	84.400	17.000000	1207.000	---	573.000
7	3	86.000	17.000000	1566.000	1277.000	121.000
8	2	76.800	17.000000	1481.000	---	136.000
9	2	87.400	17.000000	993.000	---	227.000
10	2	56.300	17.000000	1384.000	---	27.000
11	3	86.700	17.000000	920.000	1181.000	224.000
12	3	81.000	17.000000	959.000	1111.000	506.000
13	2	50.500	17.000000	1891.000	---	173.000
14	2	92.000	17.000000	1263.000	---	553.000
15	2	62.200	17.000000	1469.000	---	311.000
16	2	69.400	17.000000	1007.000	---	332.000
17	3	65.600	17.000000	1335.000	1823.000	519.000
18	2	70.300	17.000000	1590.000	---	96.000
19	3	78.100	17.000000	1361.000	1775.000	12.000

Detailed Results for Radar Type 5_Trial 10

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	74.800	8.000000	1894.000	---	41.000
2	2	95.100	8.000000	1815.000	---	443.000
3	1	95.500	8.000000	---	---	663.000
4	2	87.500	8.000000	1259.000	---	156.000
5	3	86.300	8.000000	947.000	1761.000	185.000
6	1	90.900	8.000000	---	---	246.000
7	2	51.800	8.000000	1879.000	---	166.000
8	1	92.100	8.000000	---	---	203.000
9	3	83.800	8.000000	1477.000	1851.000	570.000
10	1	51.500	8.000000	---	---	48.000
11	1	60.400	8.000000	---	---	1.000
12	3	95.800	8.000000	934.000	1424.000	382.000
13	2	79.200	8.000000	1808.000	---	537.000
14	3	79.500	8.000000	1300.000	1192.000	323.000
15	1	83.200	8.000000	---	---	343.000
16	2	98.800	8.000000	1791.000	---	560.000
17	2	50.800	8.000000	1866.000	---	659.000

Detailed Results for Radar Type 5_Trial 11

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	66.400	15.000000	1599.000	1875.000	190.000
2	1	73.600	15.000000	---	---	165.000
3	2	55.200	15.000000	1726.000	---	332.000
4	2	62.700	15.000000	1752.000	---	117.000
5	3	50.600	15.000000	1523.000	1052.000	572.000
6	2	57.800	15.000000	944.000	---	746.000
7	3	98.000	15.000000	1343.000	1215.000	147.000
8	2	82.800	15.000000	1182.000	---	30.000
9	2	62.900	15.000000	1549.000	---	395.000
10	2	50.700	15.000000	1196.000	---	333.000
11	3	69.200	15.000000	1106.000	1036.000	388.000
12	3	60.900	15.000000	1175.000	1183.000	612.000
13	2	78.500	15.000000	1908.000	---	125.000
14	2	67.800	15.000000	1667.000	---	502.000
15	2	58.000	15.000000	1869.000	---	224.000

Detailed Results for Radar Type 5_Trial 12

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	84.500	5.000000	---	---	77.000
2	2	85.100	5.000000	1049.000	---	561.000
3	2	77.500	5.000000	1012.000	---	322.000
4	2	95.300	5.000000	1524.000	---	591.000
5	2	69.000	5.000000	1447.000	---	479.000
6	2	65.200	5.000000	1574.000	---	177.000
7	3	77.400	5.000000	1446.000	1628.000	4.000
8	2	58.000	5.000000	1737.000	---	631.000
9	3	58.500	5.000000	1714.000	1626.000	330.000
10	1	98.600	5.000000	---	---	508.000
11	1	73.900	5.000000	---	---	27.000
12	1	67.700	5.000000	---	---	157.000
13	1	99.000	5.000000	---	---	313.000
14	2	76.800	5.000000	1232.000	---	429.000
15	2	89.900	5.000000	1618.000	---	574.000
16	3	88.000	5.000000	1587.000	1221.000	326.000
17	1	55.100	5.000000	---	---	550.000
18	3	93.900	5.000000	930.000	1084.000	275.000

Detailed Results for Radar Type 5_Trial 13

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	93.000	5.000000	1554.000	1785.000	287.000
2	1	83.900	5.000000	---	---	719.000
3	1	58.600	5.000000	---	---	22.000
4	2	51.600	5.000000	1301.000	---	508.000
5	2	86.000	5.000000	971.000	---	394.000
6	2	52.400	5.000000	1014.000	---	126.000
7	2	81.600	5.000000	1650.000	---	756.000
8	2	73.500	5.000000	1428.000	---	653.000
9	1	58.900	5.000000	---	---	761.000
10	1	93.500	5.000000	---	---	118.000
11	2	90.600	5.000000	1774.000	---	108.000
12	2	58.400	5.000000	1448.000	---	740.000
13	2	89.100	5.000000	1406.000	---	689.000
14	2	73.900	5.000000	1071.000	---	160.000
15	1	61.700	5.000000	---	---	172.000

Detailed Results for Radar Type 5_Trial 14

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	68.400	12.000000	1658.000	1189.000	811.000
2	3	79.800	12.000000	1645.000	1732.000	1059.000
3	1	86.100	12.000000	---	---	970.000
4	1	83.200	12.000000	---	---	765.000
5	1	97.500	12.000000	---	---	1117.000
6	2	51.300	12.000000	1708.000	---	559.000
7	3	77.900	12.000000	1276.000	1521.000	253.000
8	3	80.800	12.000000	1804.000	959.000	563.000
9	2	82.100	12.000000	1443.000	---	169.000
10	3	65.000	12.000000	1848.000	1035.000	156.000